

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045478.D
 Acq On : 29 Oct 2021 20:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 30 04:12:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.378	168	204129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	384097	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	364960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	180454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	169475	50.996	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.295	113	123341	50.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	7.902	98	494231	51.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.220%			
62) 4-Bromofluorobenzene	10.635	95	191823	52.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	141316	47.281	ug/l	99
3) Chloromethane	1.520	50	188246	46.345	ug/l	98
4) Vinyl Chloride	1.604	62	164821	48.879	ug/l	100
5) Bromomethane	1.858	94	99035	48.380	ug/l	99
6) Chloroethane	1.935	64	95007	46.764	ug/l	97
7) Trichlorofluoromethane	2.141	101	189222	50.120	ug/l	100
8) Diethyl Ether	2.379	74	88852	50.761	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	115334	50.848	ug/l	99
10) Methyl Iodide	2.726	142	92469	43.699	ug/l	99
11) Tert butyl alcohol	3.218	59	192736	268.681	ug/l	99
12) 1,1-Dichloroethene	2.584	96	117953	50.577	ug/l	98
13) Acrolein	2.491	56	43404	270.345	ug/l	99
14) Allyl chloride	2.928	41	223281	52.139	ug/l	99
15) Acrylonitrile	3.321	53	461365	265.276	ug/l	99
16) Acetone	2.642	43	374025	247.908	ug/l	98
17) Carbon Disulfide	2.797	76	334540	49.292	ug/l	100
18) Methyl Acetate	2.954	43	292857	52.126	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	449458	52.381	ug/l	99
20) Methylene Chloride	3.051	84	145623	48.438	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	129158	51.393	ug/l	98
22) Diisopropyl ether	3.996	45	443827	52.999	ug/l	99
23) Vinyl Acetate	3.960	43	1741591	268.109	ug/l	99
24) 1,1-Dichloroethane	3.874	63	253179	51.593	ug/l	100
25) 2-Butanone	4.710	43	609684	267.685	ug/l	98
26) 2,2-Dichloropropane	4.671	77	186709	49.112	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	151429	52.363	ug/l	99
28) Bromochloromethane	4.980	49	119171	49.234	ug/l	98
29) Tetrahydrofuran	5.057	42	392966	266.044	ug/l	100
30) Chloroform	5.092	83	244787	51.446	ug/l	99
31) Cyclohexane	5.391	56	245874	49.694	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	204635	52.403	ug/l	99
36) 1,1-Dichloropropene	5.530	75	188668	51.601	ug/l	99
37) Ethyl Acetate	4.806	43	228228	51.541	ug/l	99
38) Carbon Tetrachloride	5.530	117	160538	50.344	ug/l	99
39) Methylcyclohexane	6.767	83	232251	51.080	ug/l	99
40) Benzene	5.777	78	562727	51.128	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	125561	53.580	ug/l	99
42) 1,2-Dichloroethane	5.796	62	201169	49.766	ug/l	99
43) Isopropyl Acetate	5.912	43	353366	52.952	ug/l	99
44) Trichloroethene	6.546	130	132569	51.969	ug/l	100
45) 1,2-Dichloropropane	6.793	63	147913	51.066	ug/l	98
46) Dibromomethane	6.922	93	98418	52.183	ug/l	99
47) Bromodichloromethane	7.108	83	190512	51.327	ug/l	99
48) Methyl methacrylate	6.960	41	169120	53.468	ug/l	99
49) 1,4-Dioxane	7.009	88	80382	999.956	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	1159564	268.844	ug/l	100
52) Toluene	7.973	92	351249	52.499	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	221720	52.410	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	237343	52.387	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	140306	51.339	ug/l	99
56) Ethyl methacrylate	8.337	69	244489	48.927	ug/l	99
57) 1,3-Dichloropropane	8.578	76	249216	51.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	636260	253.995	ug/l	99
59) 2-Hexanone	8.687	43	903678	270.418	ug/l	100
60) Dibromochloromethane	8.812	129	133353	50.843	ug/l	99
61) 1,2-Dibromoethane	8.925	107	149833	52.343	ug/l	99
64) Tetrachloroethene	8.555	164	108165	51.848	ug/l	99
65) Chlorobenzene	9.449	112	353290	51.056	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	121343	51.976	ug/l	100
67) Ethyl Benzene	9.574	91	665831	52.529	ug/l	100
68) m/p-Xylenes	9.697	106	510294	106.652	ug/l	100
69) o-Xylene	10.102	106	248647	53.295	ug/l	100
70) Styrene	10.118	104	425504	49.338	ug/l	100
71) Bromoform	10.295	173	98731	46.885	ug/l #	99
73) Isopropylbenzene	10.488	105	643419	52.879	ug/l	100
74) N-amyl acetate	10.320	43	312336	49.501	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	245158	50.765	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	235002m	48.877	ug/l	
77) Bromobenzene	10.787	156	148393	52.268	ug/l	99
78) n-propylbenzene	10.909	91	792078	53.693	ug/l	100
79) 2-Chlorotoluene	10.989	91	463793	52.233	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	553569	54.066	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	79800	46.564	ug/l	99
82) 4-Chlorotoluene	11.098	91	539329	53.413	ug/l	100
83) tert-Butylbenzene	11.423	119	522354	52.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	551774	53.785	ug/l	100
85) sec-Butylbenzene	11.645	105	685900	52.886	ug/l	100
86) p-Isopropyltoluene	11.796	119	568332	49.467	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	288120	51.411	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	289692	50.550	ug/l	100
89) n-Butylbenzene	12.211	91	550358	48.960	ug/l	99
90) Hexachloroethane	12.478	117	93671	50.601	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	285185	50.879	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	62002	53.453	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	200739	53.478	ug/l	99
94) Hexachlorobutadiene	14.024	225	65835	48.170	ug/l	99
95) Naphthalene	14.089	128	770269	51.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	200630	53.026	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
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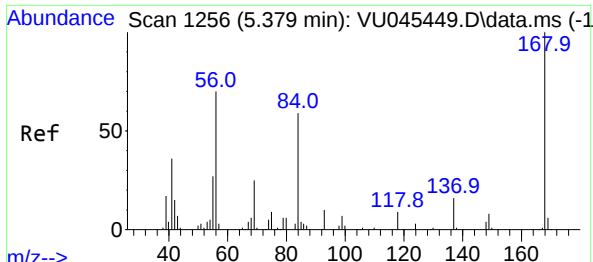
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

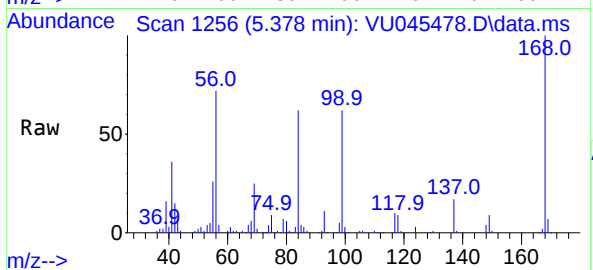
Quant Time: Oct 30 04:12:15 2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

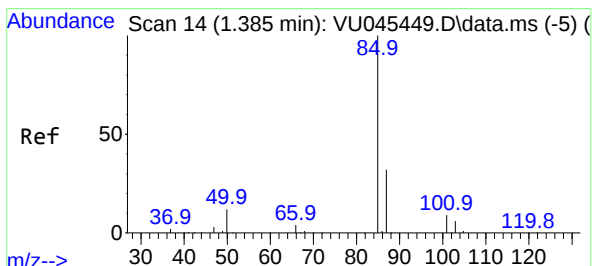
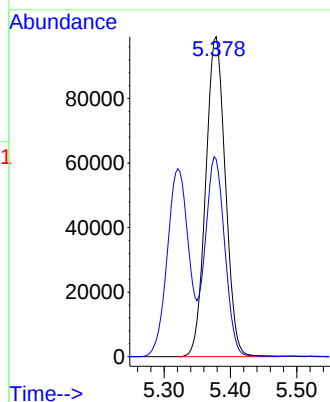
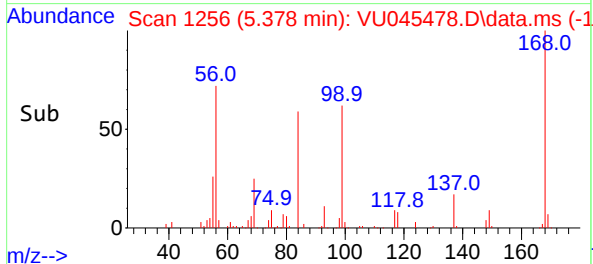
Instrument :
MSVOA_U
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VSTDCCC050EC



Tgt Ion:168 Resp: 204129
Ion Ratio Lower Upper
168 100
99 61.5 51.0 76.6

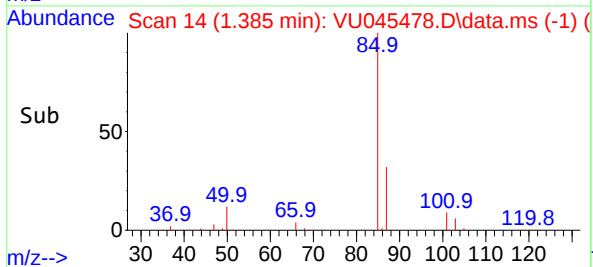
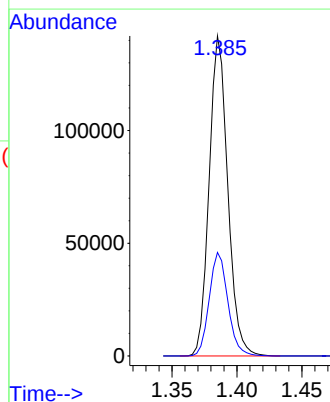
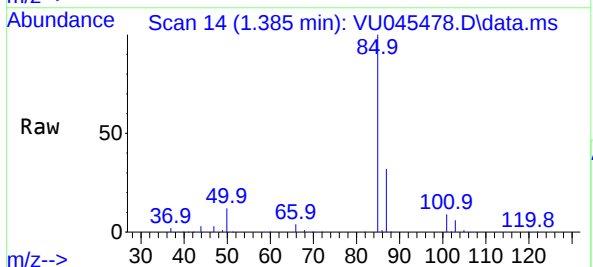
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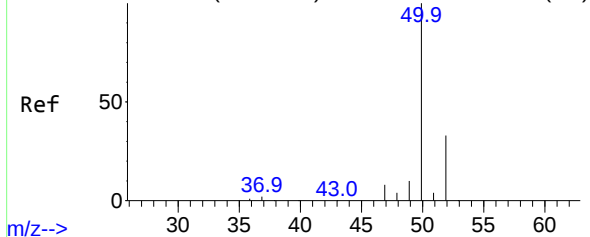


#2
Dichlorodifluoromethane
Concen: 47.281 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion: 85 Resp: 141316
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7



Abundance Scan 56 (1.520 min): VU045449.D\data.ms (-47)



#3

Chloromethane

Concen: 46.345 ug/l

RT: 1.520 min Scan# 50

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 188240

Ion Ratio Lower Upper

50 100

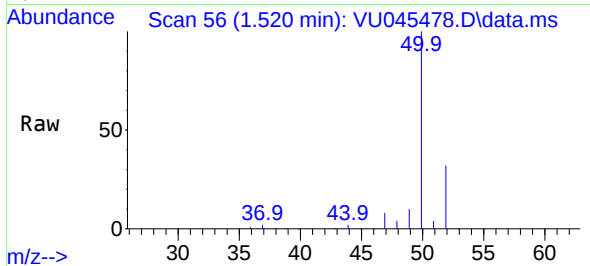
52 32.4 26.6 40.0

Manual Integrations

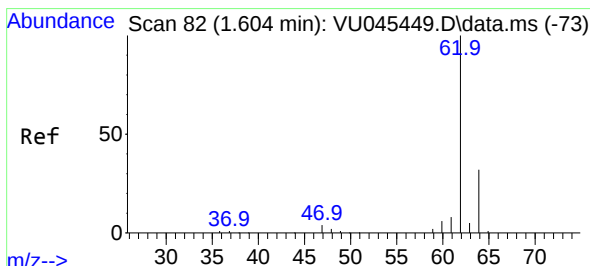
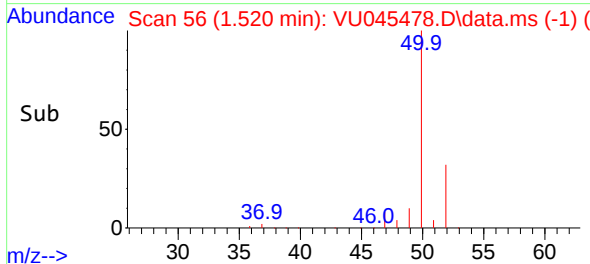
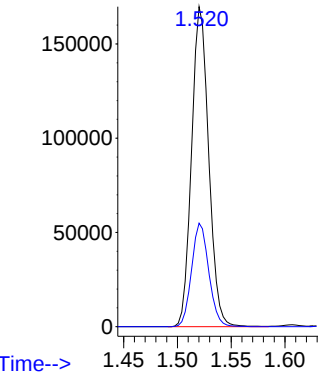
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Abundance



#4

Vinyl Chloride

Concen: 48.879 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU045478.D

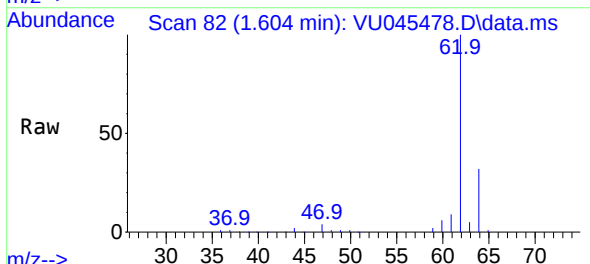
Acq: 29 Oct 2021 20:45

Tgt Ion: 62 Resp: 164821

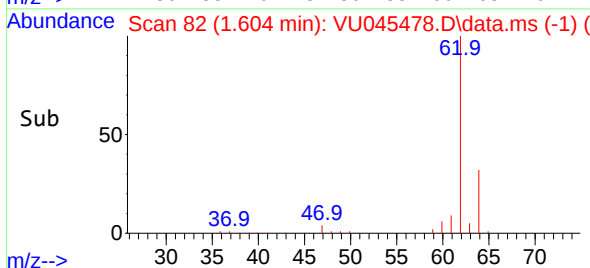
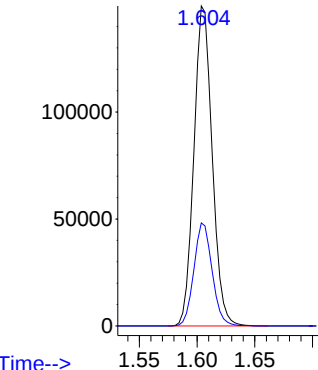
Ion Ratio Lower Upper

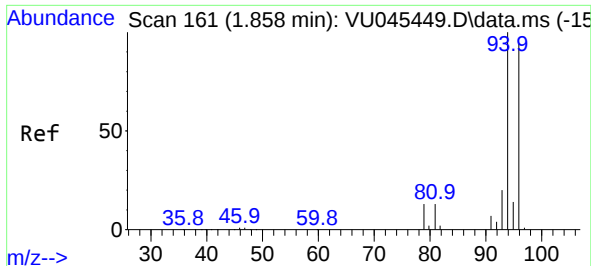
62 100

64 32.2 25.8 38.6



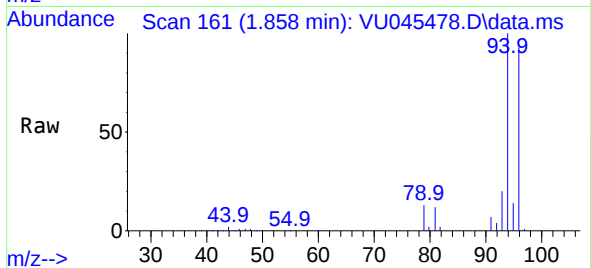
Abundance





#5
Bromomethane
Concen: 48.380 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

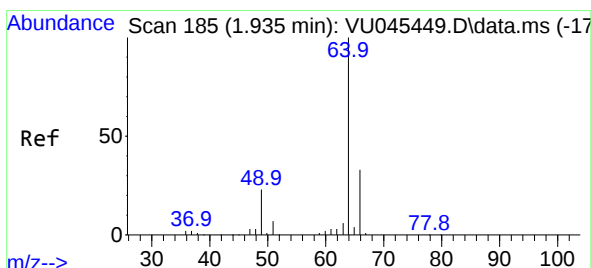
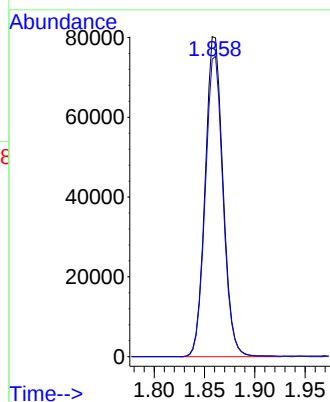
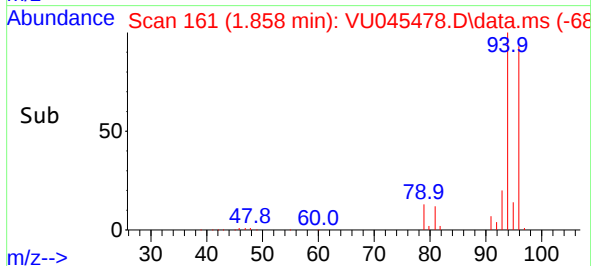
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Tgt Ion: 94 Resp: 99035
Ion Ratio Lower Upper
94 100
96 92.9 75.4 113.2

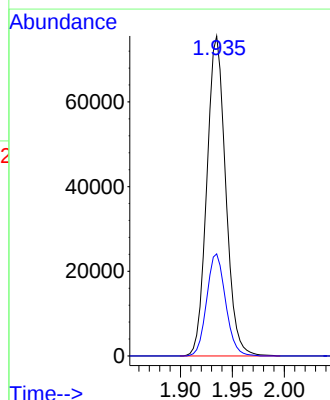
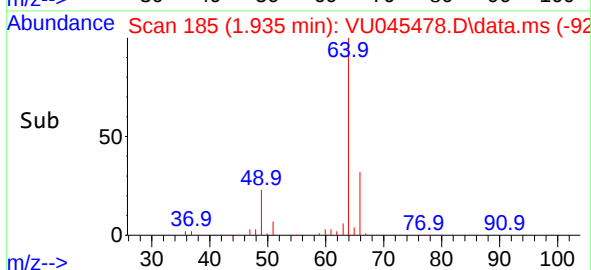
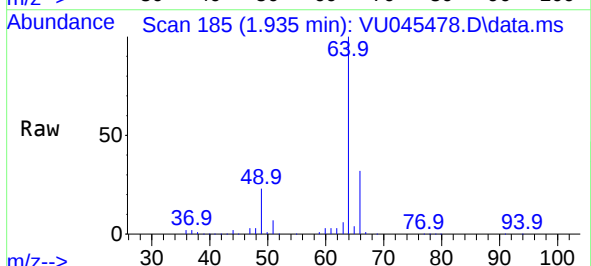
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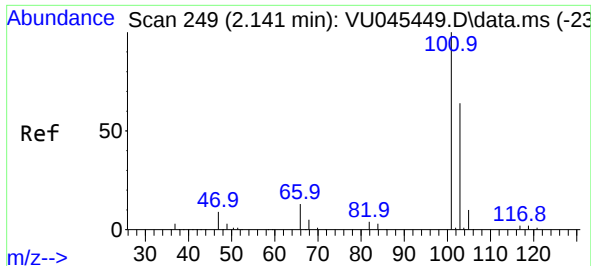
Reviewed By :John Carlone 11/01/2021
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#6
Chloroethane
Concen: 46.764 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

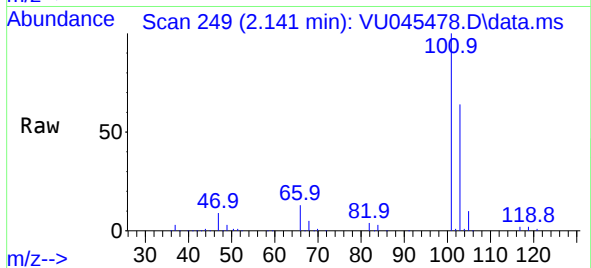
Tgt Ion: 64 Resp: 95007
Ion Ratio Lower Upper
64 100
66 31.9 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 50.120 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU045478.D
 Acq: 29 Oct 2021 20:45

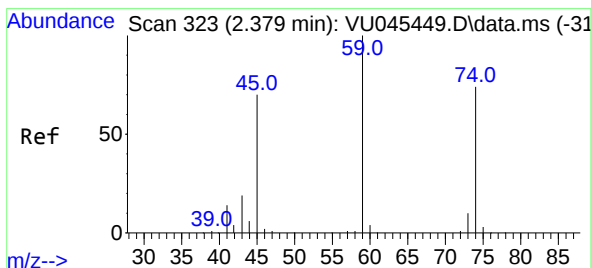
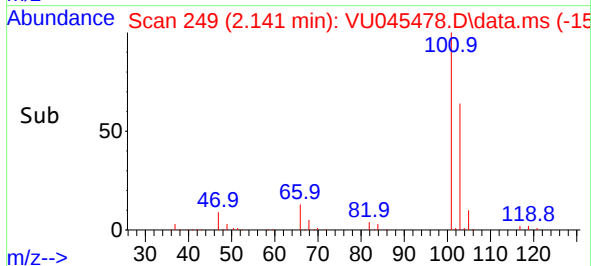
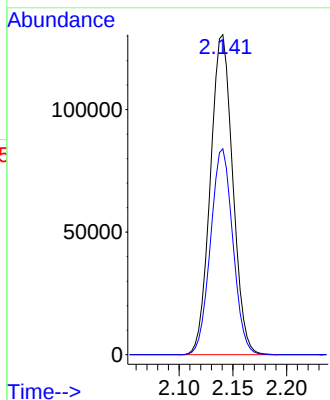
Instrument :
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Tgt Ion:101 Resp: 18922
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0

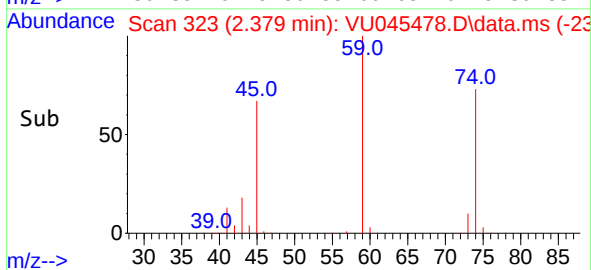
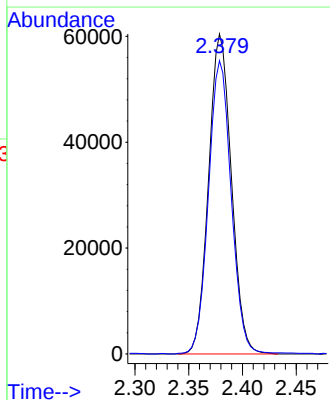
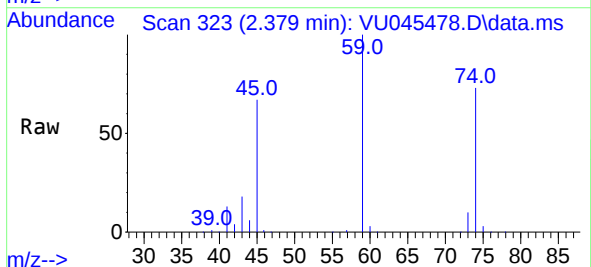
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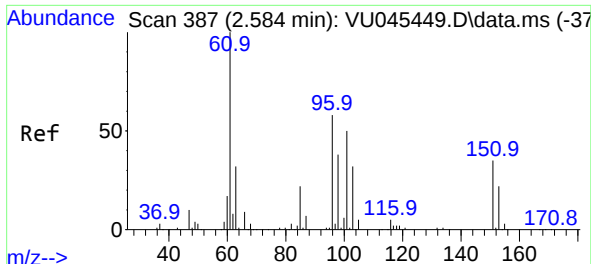
Reviewed By :John Carlone 11/01/2021
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#8
 Diethyl Ether
 Concen: 50.761 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045478.D
 Acq: 29 Oct 2021 20:45

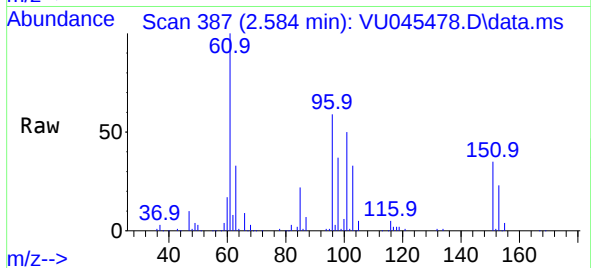
Tgt Ion: 74 Resp: 88852
 Ion Ratio Lower Upper
 74 100
 45 92.0 47.3 141.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.848 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

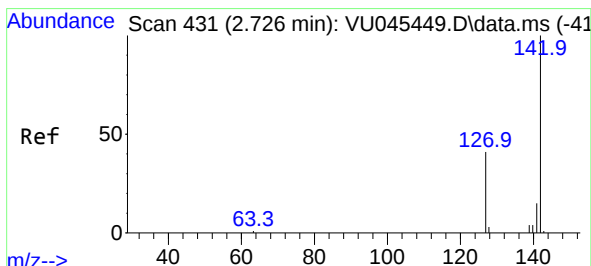
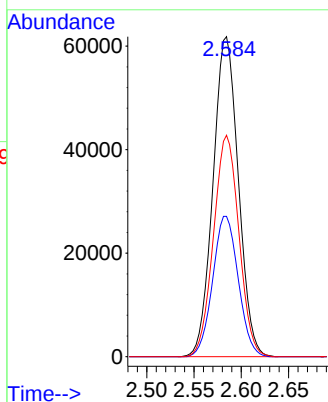
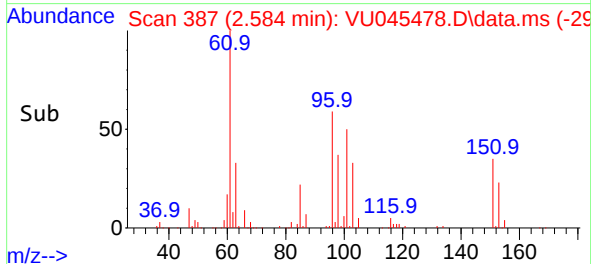
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



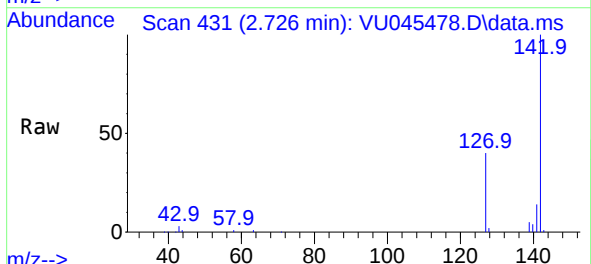
Tgt Ion:101 Resp: 115334
Ion Ratio Lower Upper
101 100
85 44.2 35.0 52.4
151 69.4 54.6 82.0

Manual Integrations
APPROVED

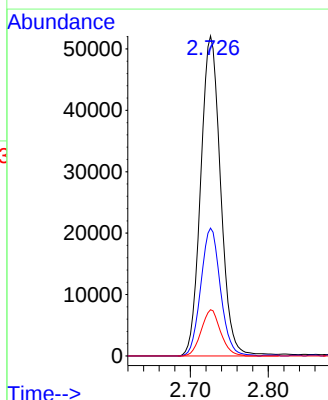
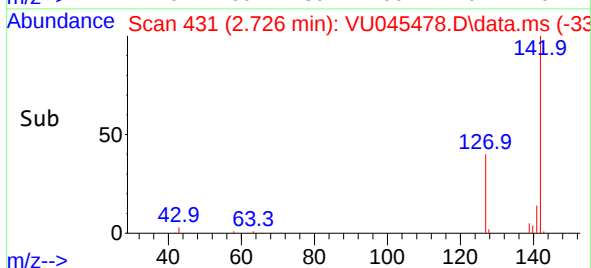
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

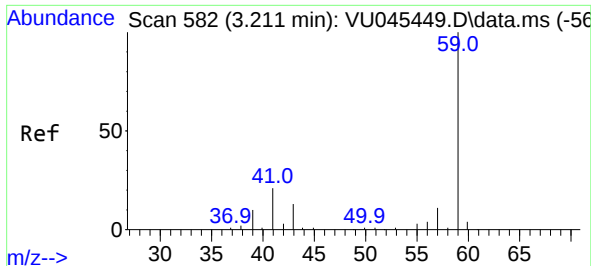


#10
Methyl Iodide
Concen: 43.699 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion:142 Resp: 92469
Ion Ratio Lower Upper
142 100
127 39.5 32.2 48.2
141 14.1 11.3 16.9





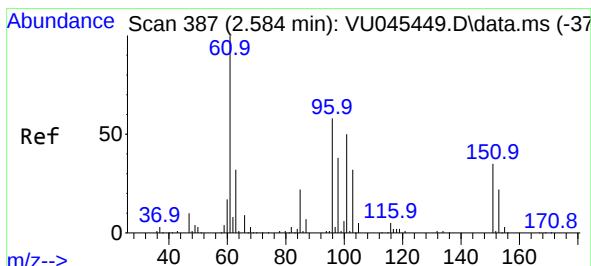
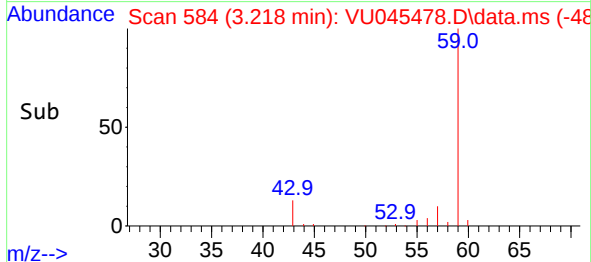
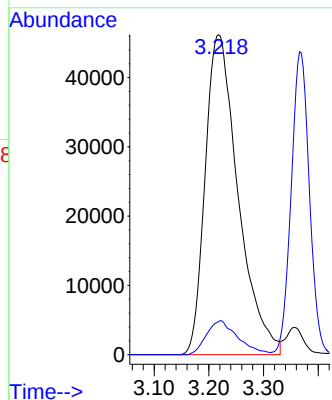
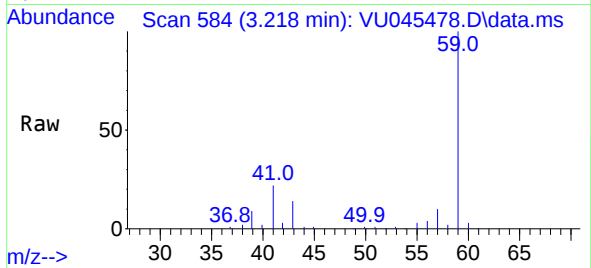
#11
Tert butyl alcohol
Concen: 268.681 ug/l
RT: 3.218 min Scan# 582
Delta R.T. 0.006 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 192730
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

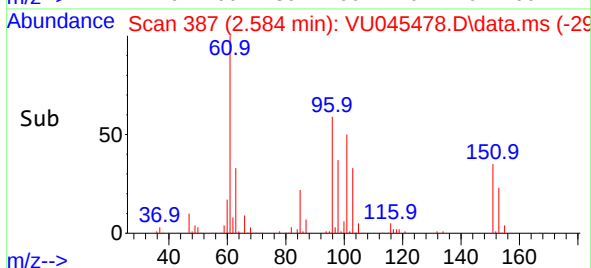
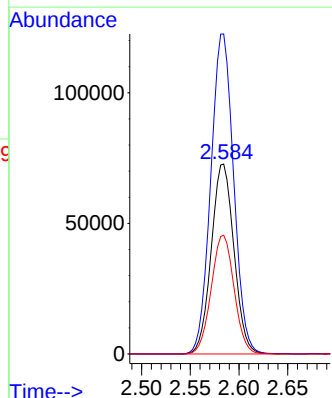
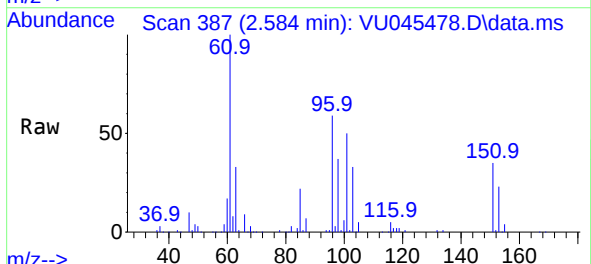
Manual Integrations
APPROVED

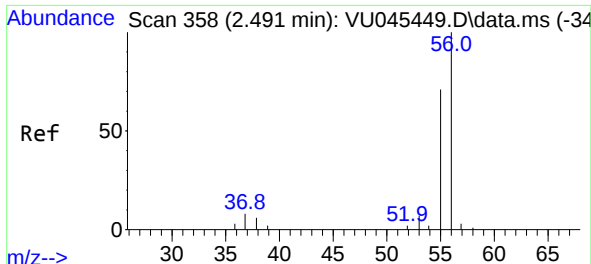
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#12
1,1-Dichloroethene
Concen: 50.577 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

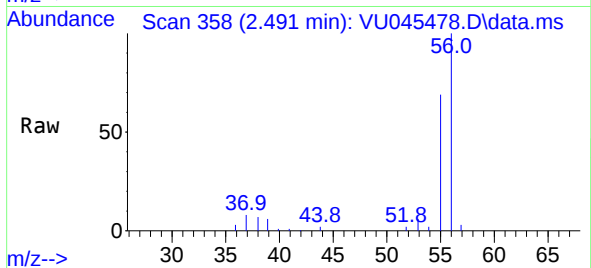
Tgt Ion: 96 Resp: 117953
Ion Ratio Lower Upper
96 100
61 168.5 137.1 205.7
98 62.5 51.5 77.3





#13
Acrolein
Concen: 270.345 ug/l
RT: 2.491 min Scan# 358
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

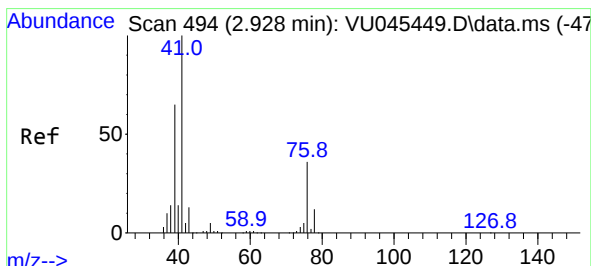
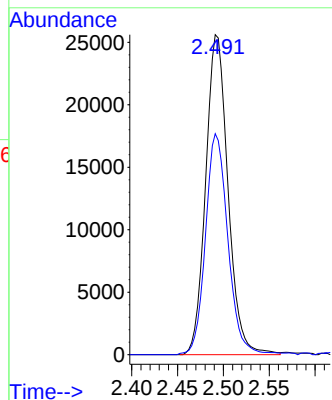
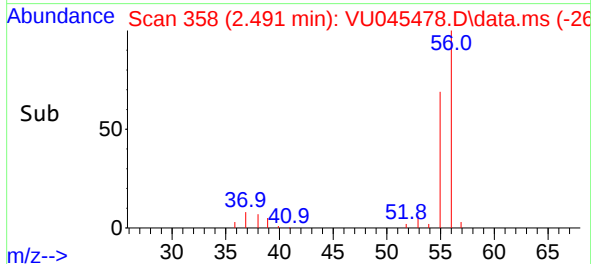
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



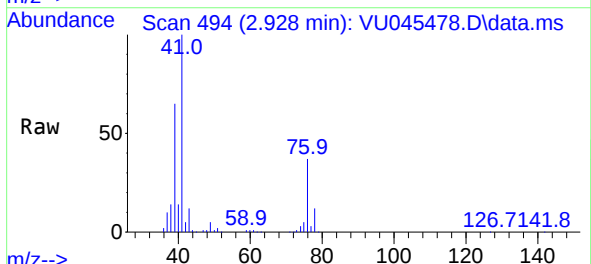
Tgt Ion: 56 Resp: 43404
Ion Ratio Lower Upper
56 100
55 69.3 56.3 84.5

Manual Integrations
APPROVED

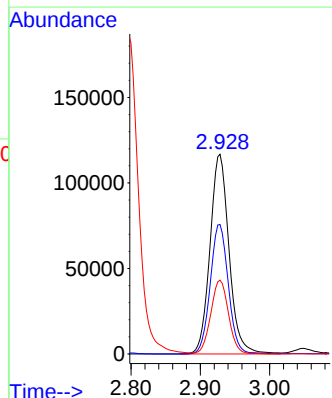
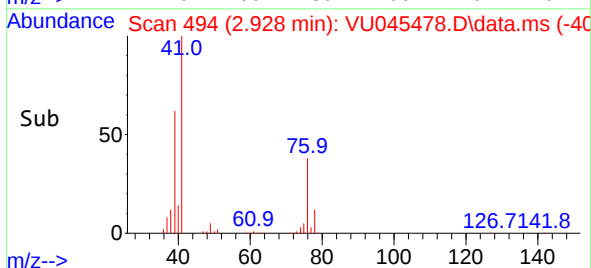
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

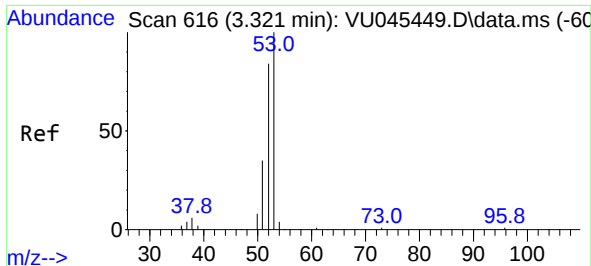


#14
Allyl chloride
Concen: 52.139 ug/l
RT: 2.928 min Scan# 494
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



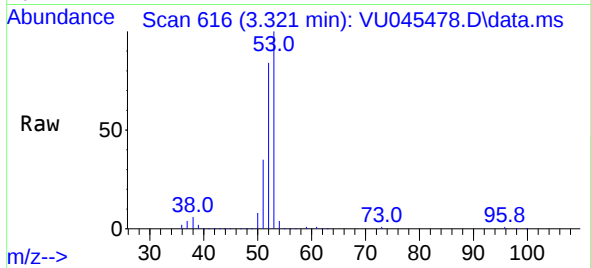
Tgt Ion: 41 Resp: 223281
Ion Ratio Lower Upper
41 100
39 61.3 49.7 74.5
76 34.4 27.7 41.5





#15
Acrylonitrile
Concen: 265.276 ug/l
RT: 3.321 min Scan# 616
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

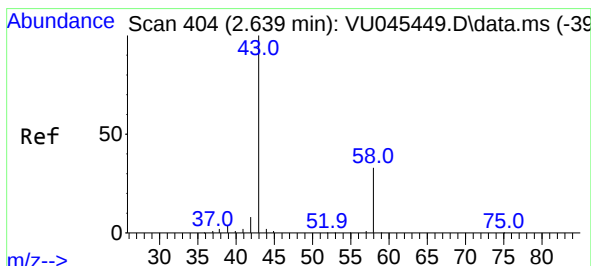
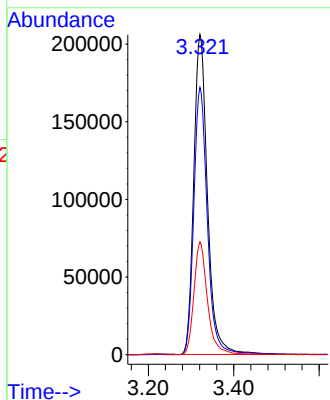
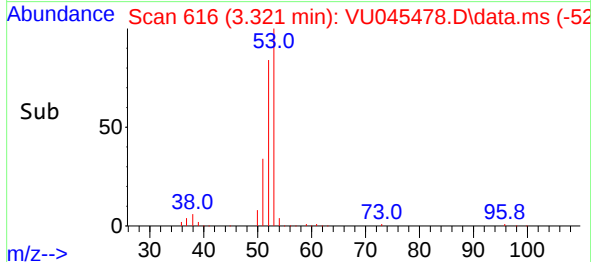
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



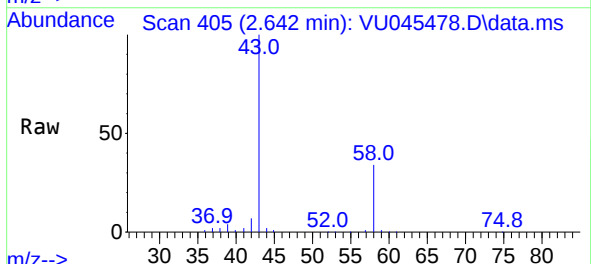
Tgt Ion: 53 Resp: 461368
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 34.6 28.4 42.6

Manual Integrations
APPROVED

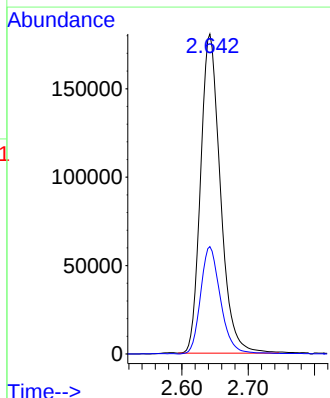
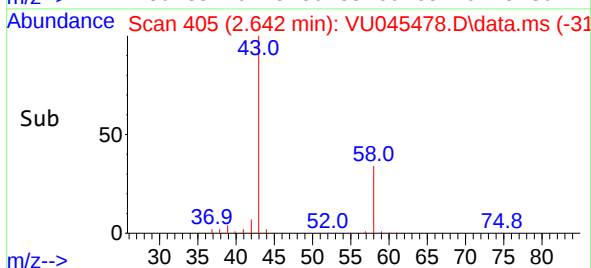
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

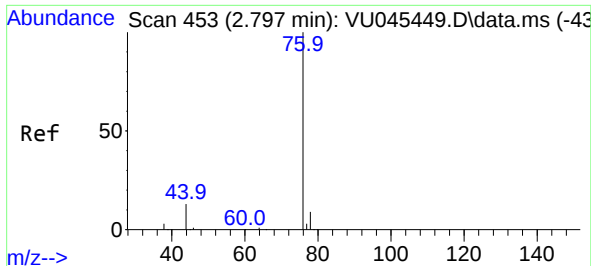


#16
Acetone
Concen: 247.908 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



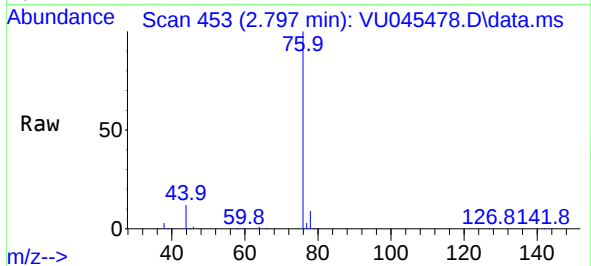
Tgt Ion: 43 Resp: 374025
Ion Ratio Lower Upper
43 100
58 33.7 26.2 39.2





#17
Carbon Disulfide
Concen: 49.292 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

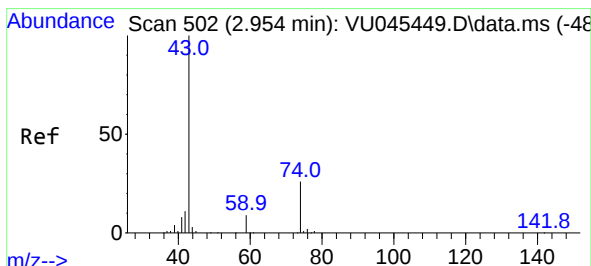
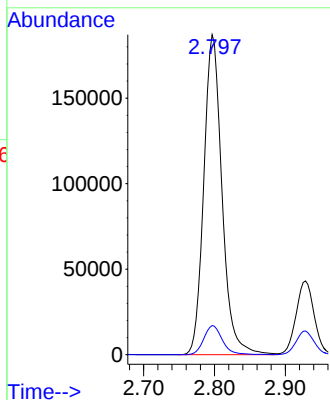
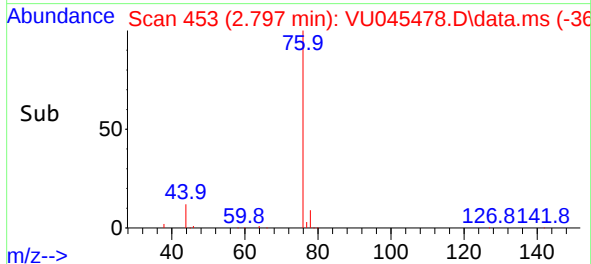
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



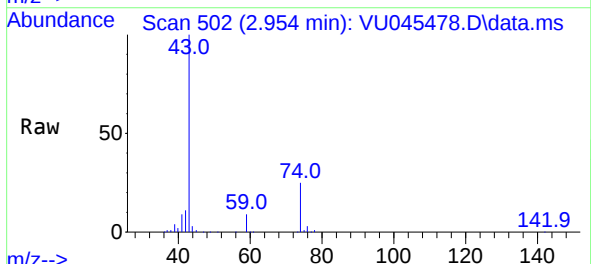
Tgt Ion: 76 Resp: 334540
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
APPROVED

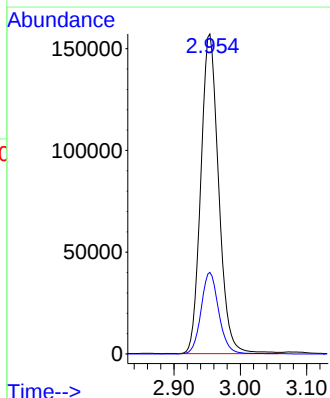
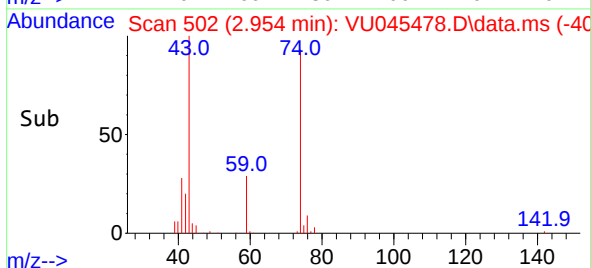
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

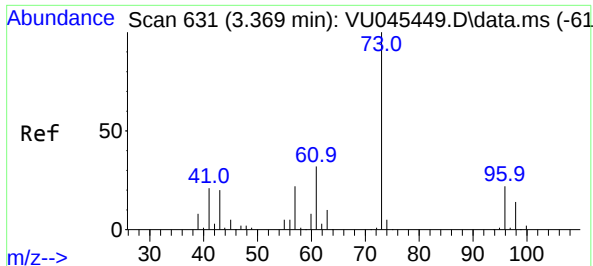


#18
Methyl Acetate
Concen: 52.126 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion: 43 Resp: 292857
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2





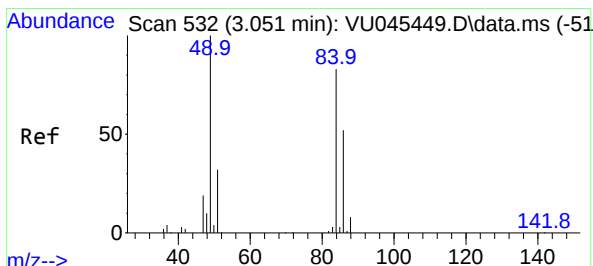
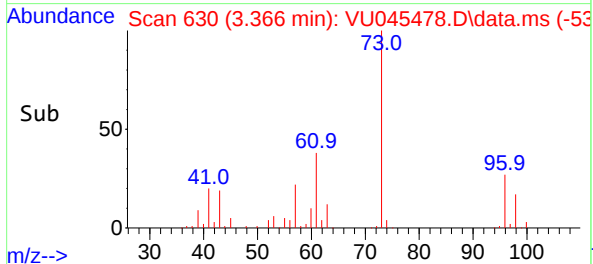
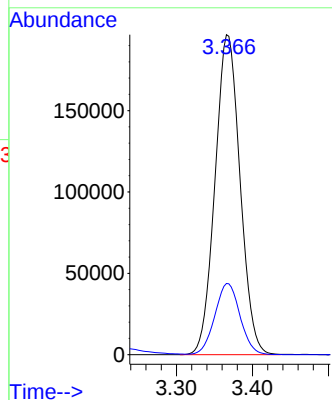
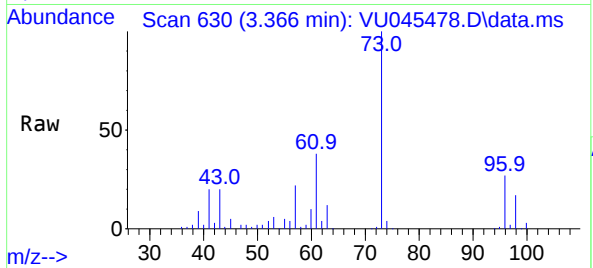
#19
Methyl tert-butyl Ether
Concen: 52.381 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 449458
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

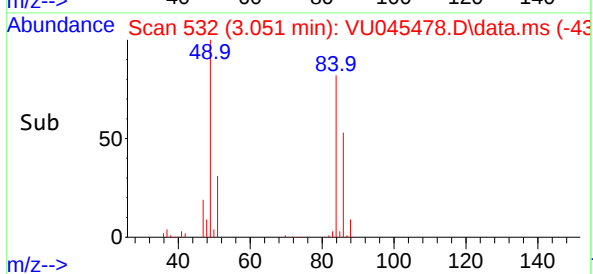
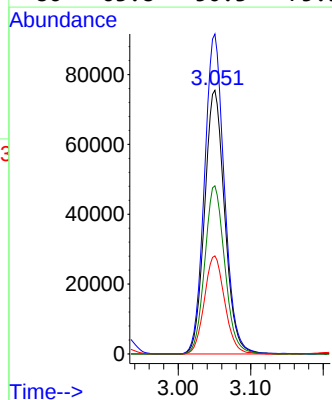
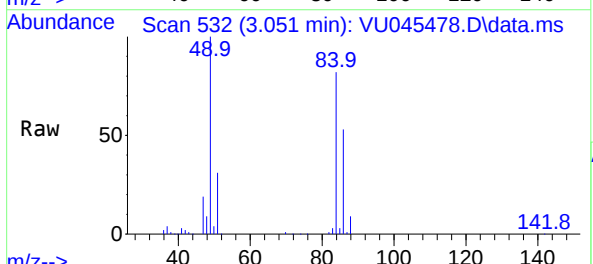
Manual Integrations
APPROVED

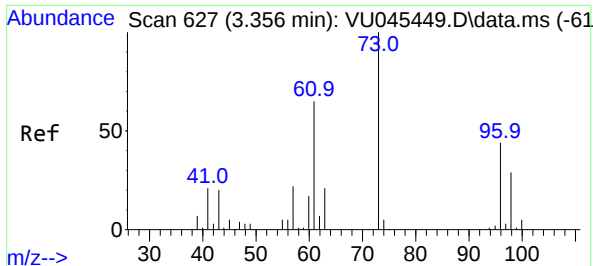
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#20
Methylene Chloride
Concen: 48.438 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

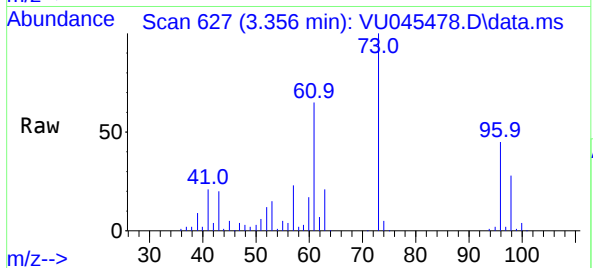
Tgt Ion: 84 Resp: 145623
Ion Ratio Lower Upper
84 100
49 121.3 96.4 144.6
51 37.2 30.5 45.7
86 63.8 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.393 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

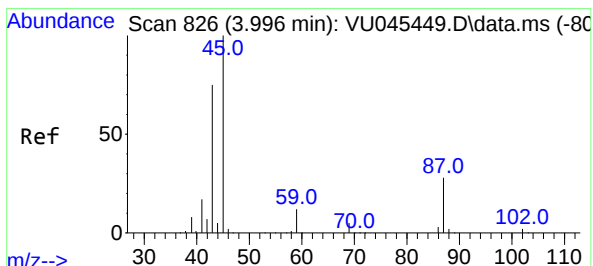
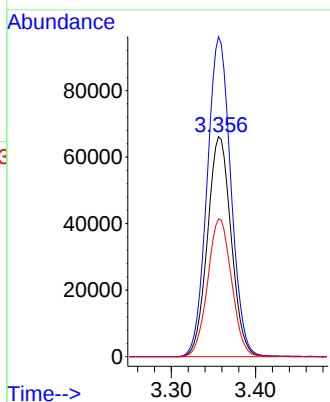
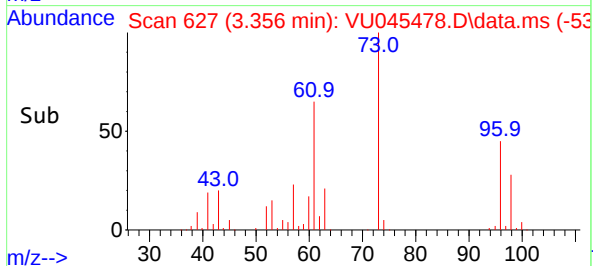
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



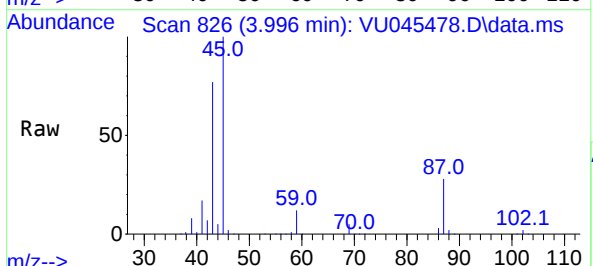
Tgt Ion: 96 Resp: 129158
Ion Ratio Lower Upper
96 100
61 145.4 118.2 177.4
98 62.6 52.1 78.1

Manual Integrations
APPROVED

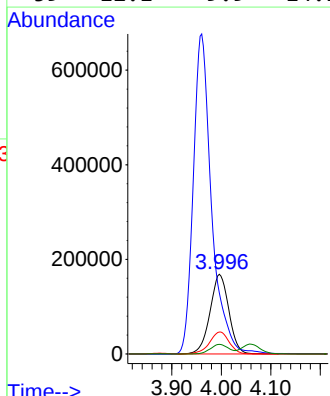
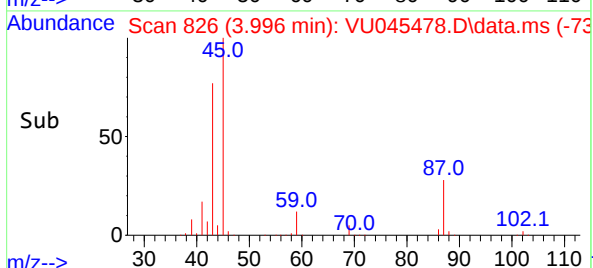
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

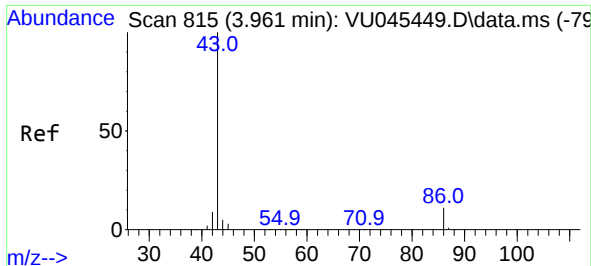


#22
Diisopropyl ether
Concen: 52.999 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



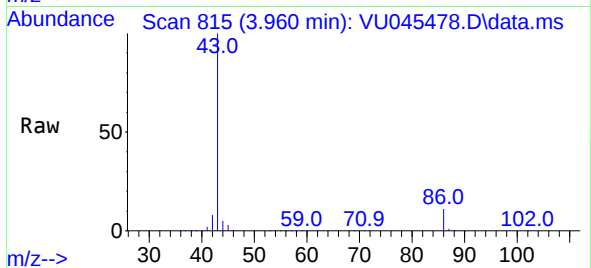
Tgt Ion: 45 Resp: 443827
Ion Ratio Lower Upper
45 100
43 76.1 60.0 90.0
87 27.6 22.3 33.5
59 12.1 9.9 14.9





#23
 Vinyl Acetate
 Concen: 268.109 ug/l
 RT: 3.960 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VU045478.D
 Acq: 29 Oct 2021 20:45

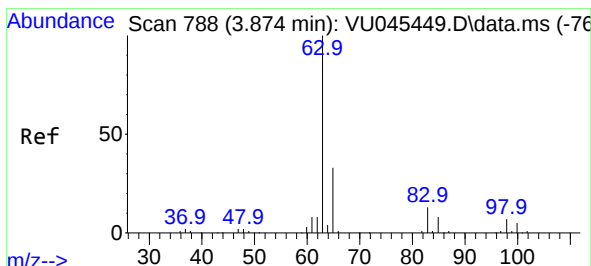
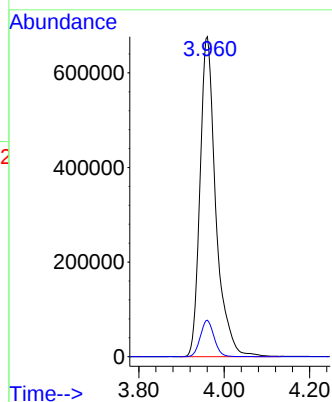
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



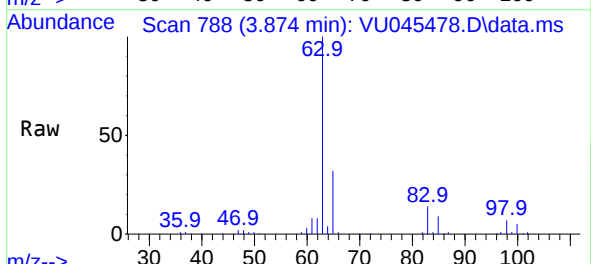
Tgt Ion: 43 Resp: 174159
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

Manual Integrations
 APPROVED

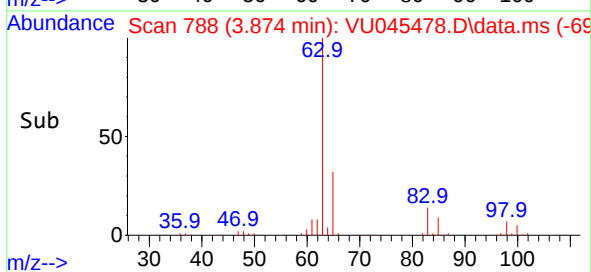
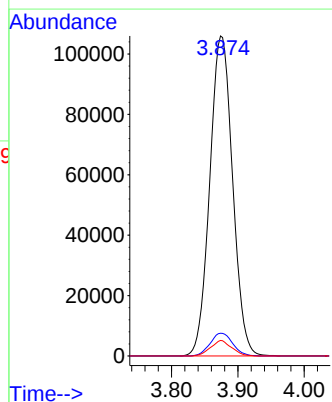
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

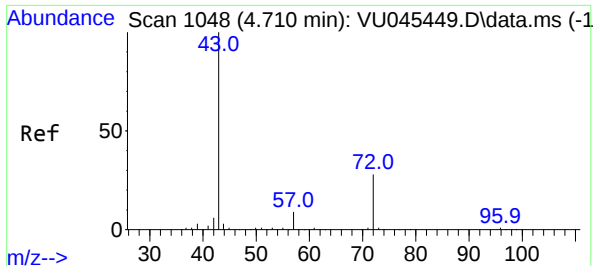


#24
 1,1-Dichloroethane
 Concen: 51.593 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045478.D
 Acq: 29 Oct 2021 20:45



Tgt Ion: 63 Resp: 253179
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.8 2.4 7.2





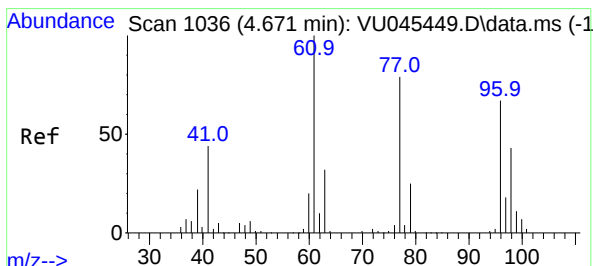
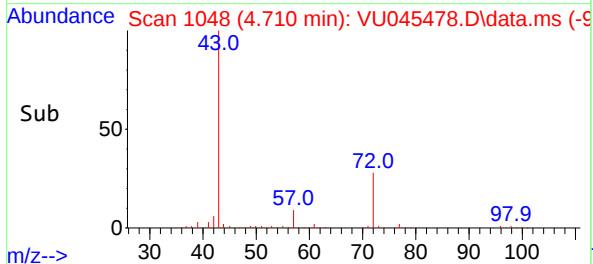
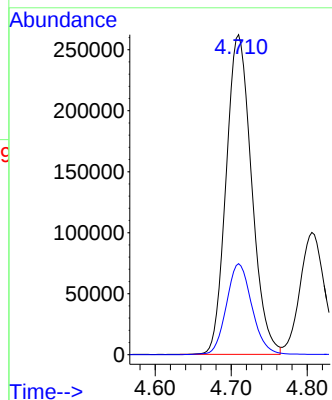
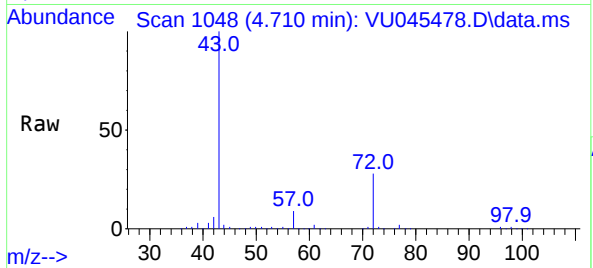
#25
2-Butanone
Concen: 267.685 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 609684
Ion Ratio Lower Upper
43 100
72 28.5 22.0 33.0

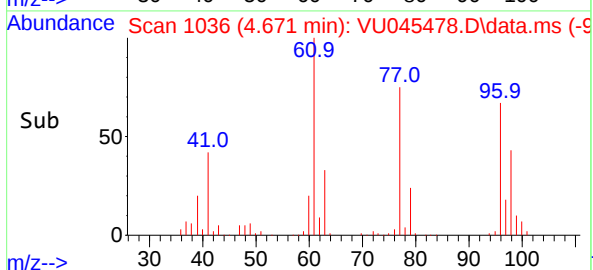
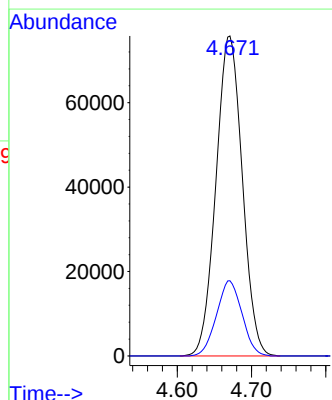
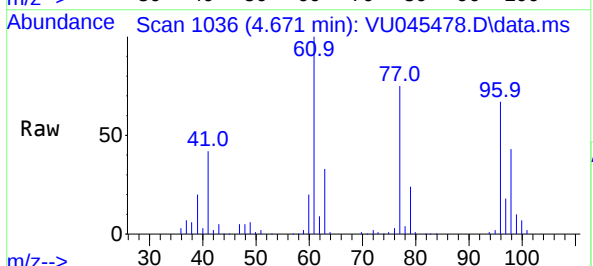
Manual Integrations
APPROVED

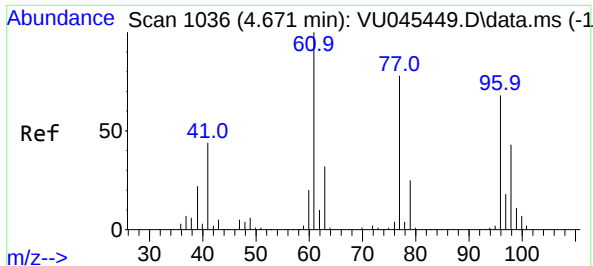
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#26
2,2-Dichloropropane
Concen: 49.112 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion: 77 Resp: 186709
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





cis-1,2-Dichloroethene
Concen: 52.363 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

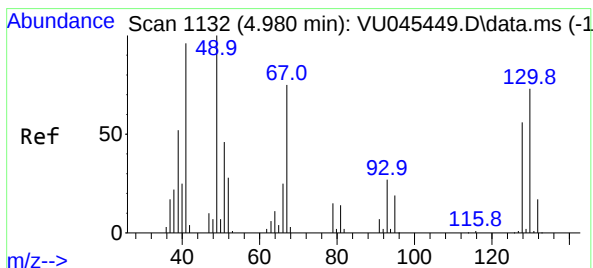
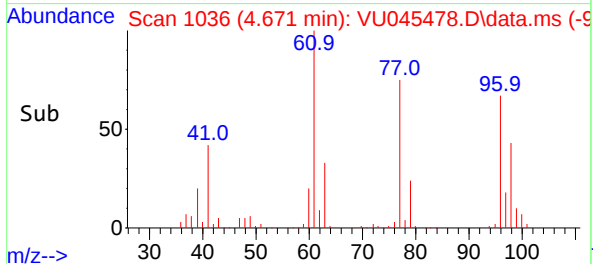
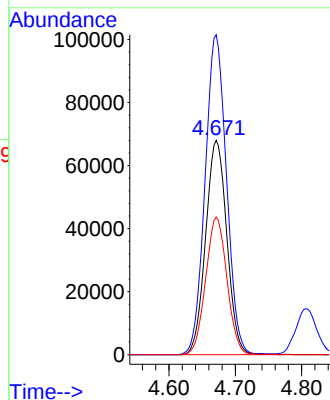
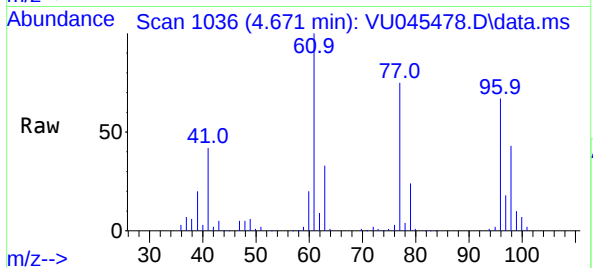
VSTDCCC050EC

Tgt Ion: 96 Resp: 151429
Ion Ratio Lower Upper
96 100
61 150.4 0.0 299.2
98 64.2 0.0 127.6

Manual Integrations

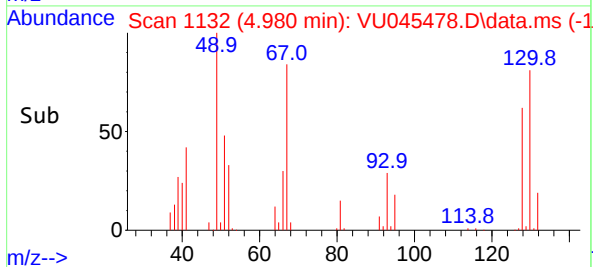
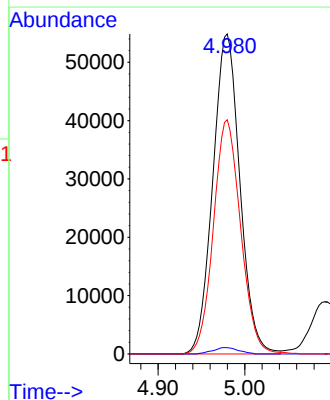
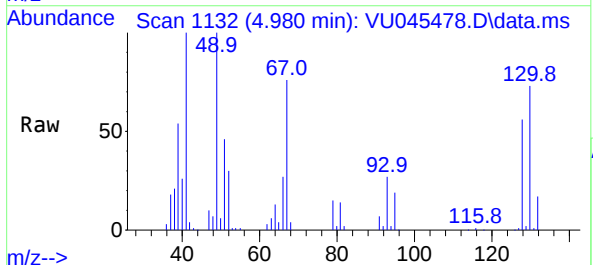
APPROVED

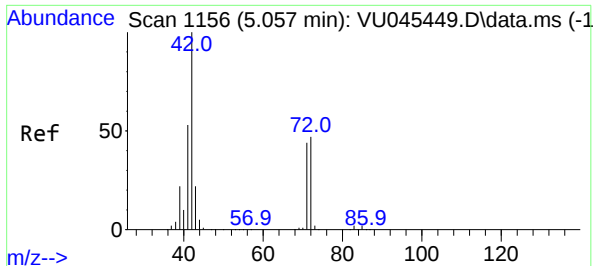
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



Bromochloromethane
Concen: 49.234 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

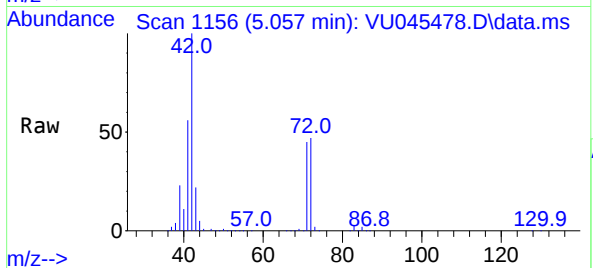
Tgt Ion: 49 Resp: 119171
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 73.5 57.5 86.3





#29
Tetrahydrofuran
Concen: 266.044 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

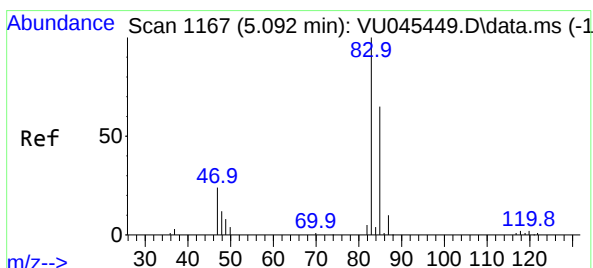
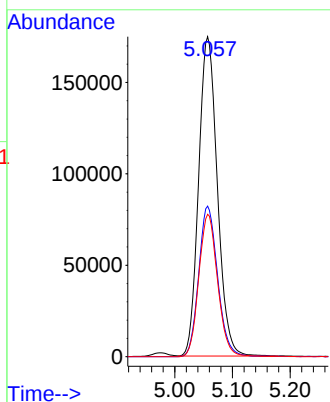
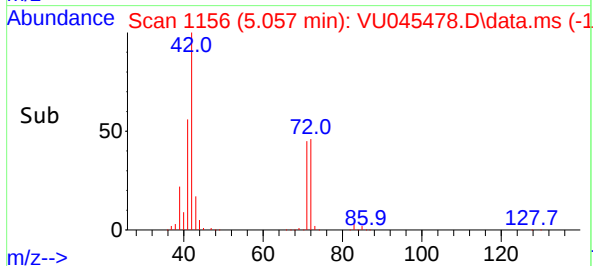
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



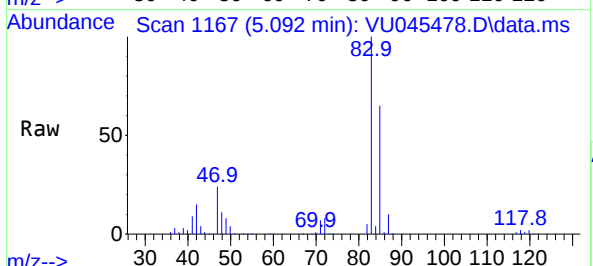
Tgt Ion: 42 Resp: 392960
Ion Ratio Lower Upper
42 100
72 47.7 38.2 57.4
71 44.7 35.4 53.2

Manual Integrations
APPROVED

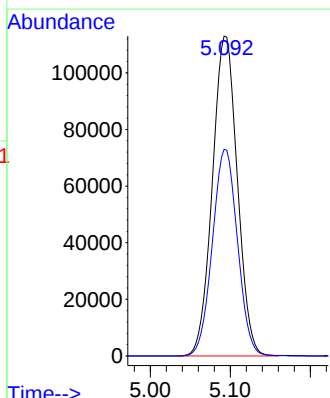
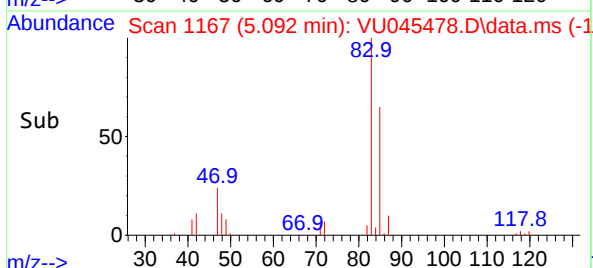
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

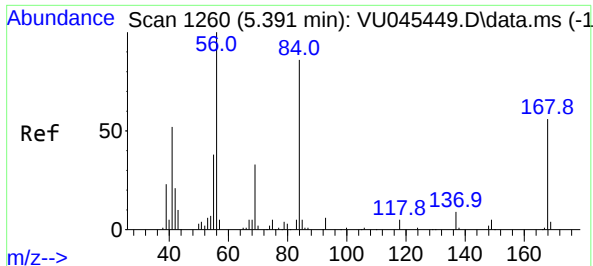


#30
Chloroform
Concen: 51.446 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion: 83 Resp: 244787
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0





#31

Cyclohexane

Concen: 49.694 ug/l

RT: 5.391 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045478.D

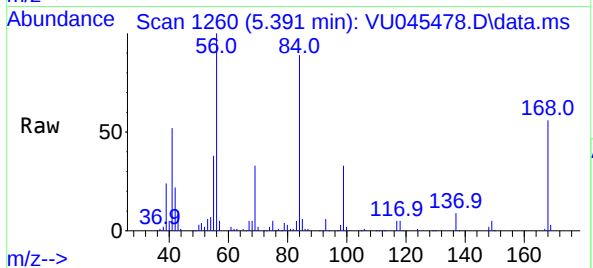
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 245874

Ion Ratio Lower Upper

56 100

69 33.0 26.4 39.6

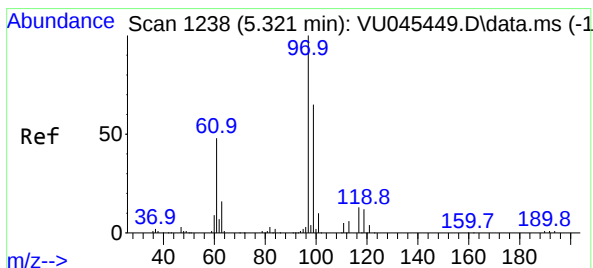
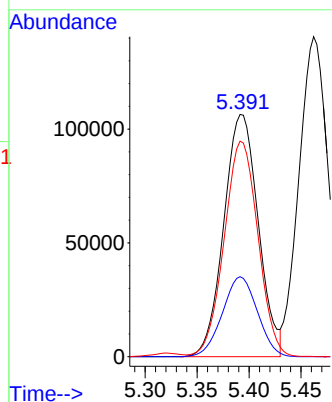
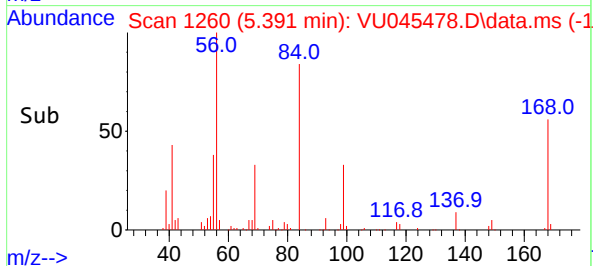
84 88.0 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#32

1,1,1-Trichloroethane

Concen: 52.403 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

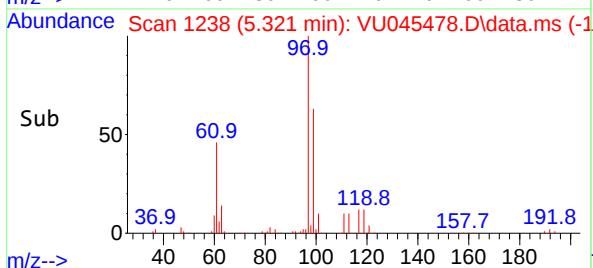
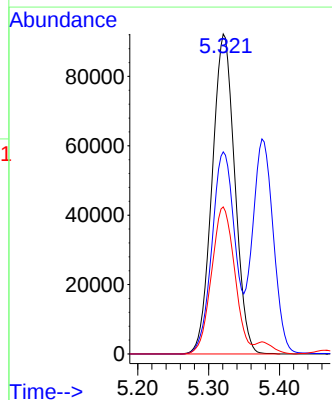
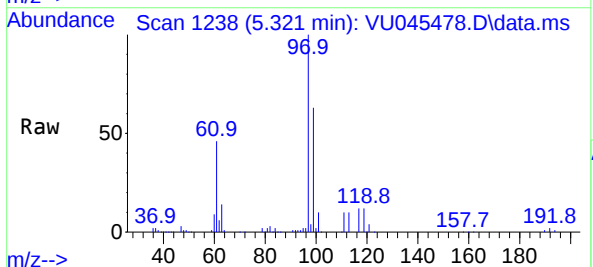
Tgt Ion: 97 Resp: 204635

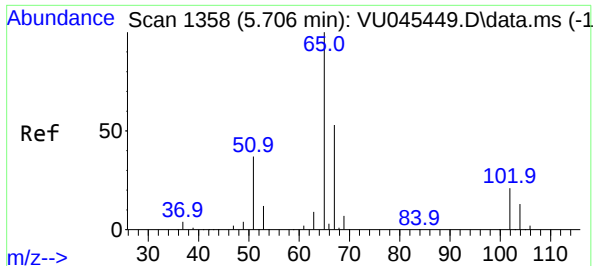
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 47.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.996 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16947

Ion Ratio Lower Upper

65 100

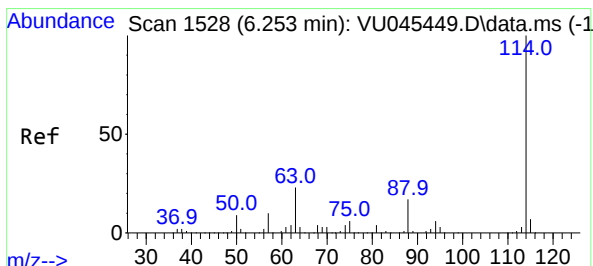
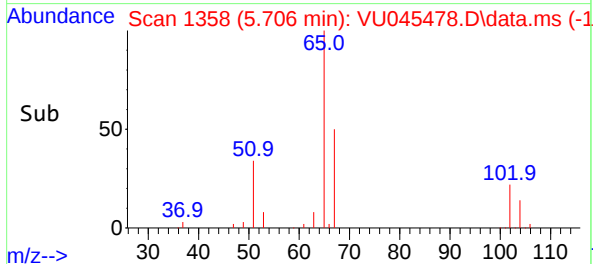
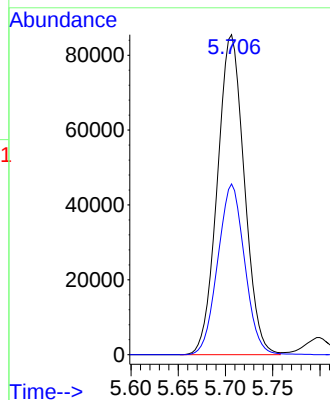
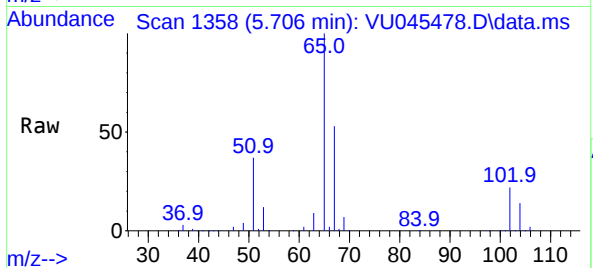
67 53.2 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

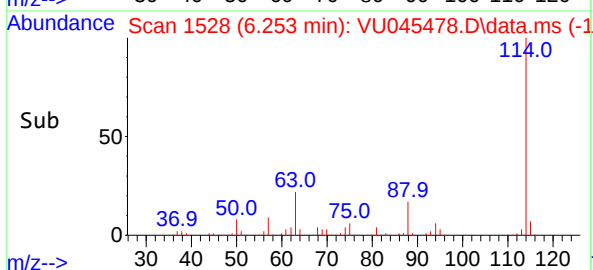
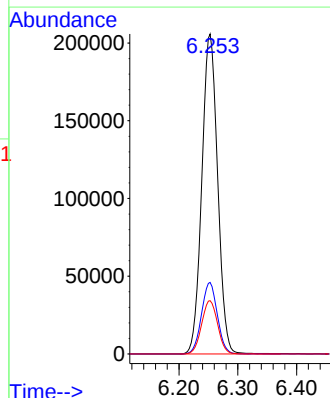
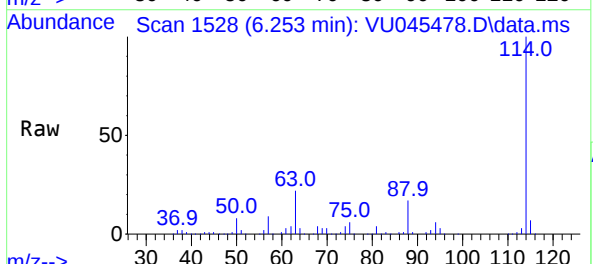
Tgt Ion:114 Resp: 384097

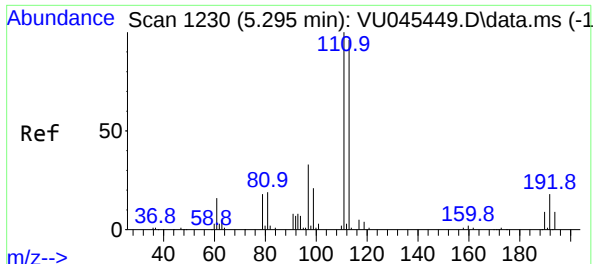
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

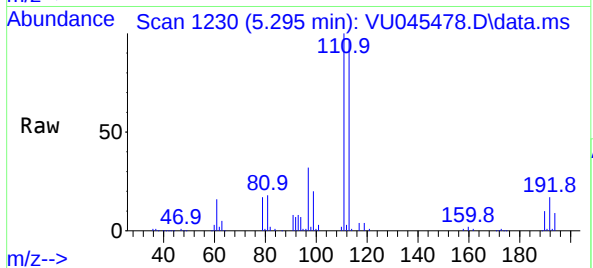
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.503 ug/l
RT: 5.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

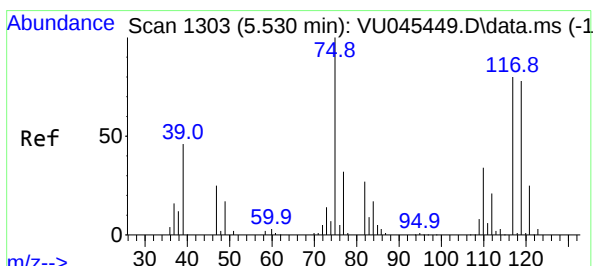
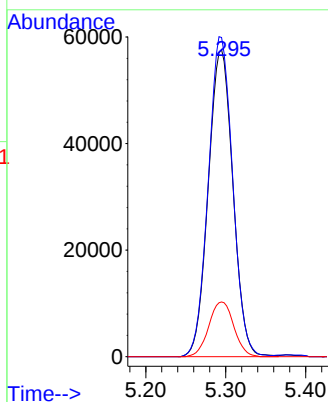
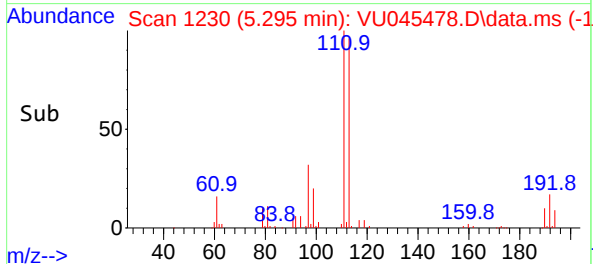
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 12334
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.1 14.8 22.2

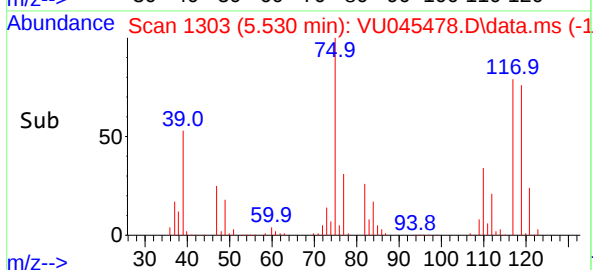
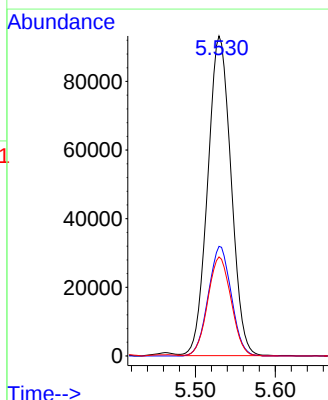
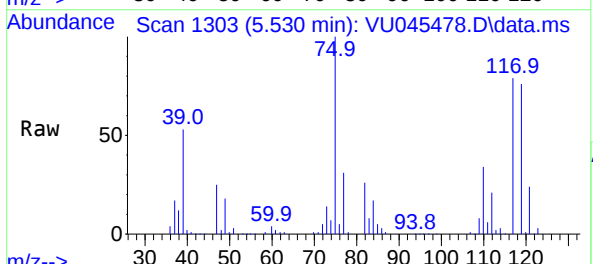
Manual Integrations
APPROVED

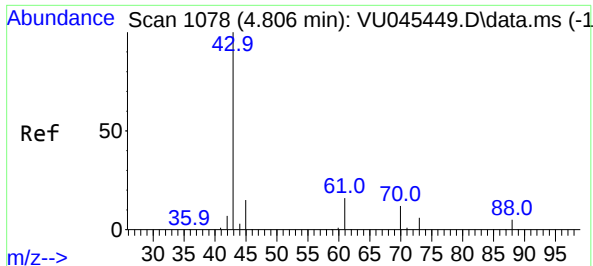
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#36
1,1-Dichloropropene
Concen: 51.601 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion: 75 Resp: 188668
Ion Ratio Lower Upper
75 100
110 33.9 16.7 50.0
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 51.541 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

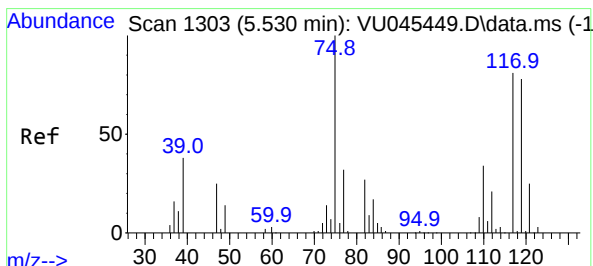
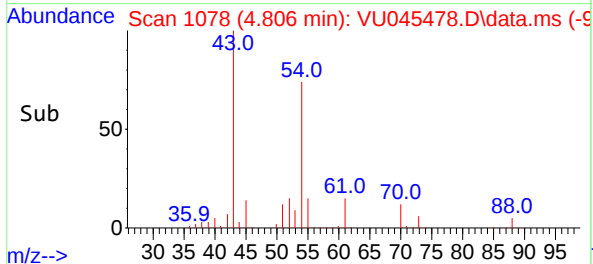
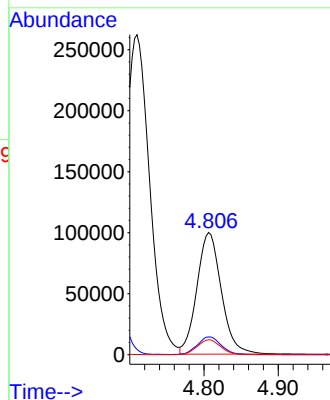
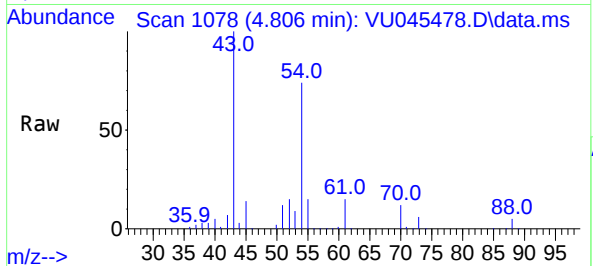
VSTDCCC050EC

Tgt Ion: 43 Resp: 228228
Ion Ratio Lower Upper
43 100
61 14.0 11.6 17.4
70 11.7 9.1 13.7

Manual Integrations

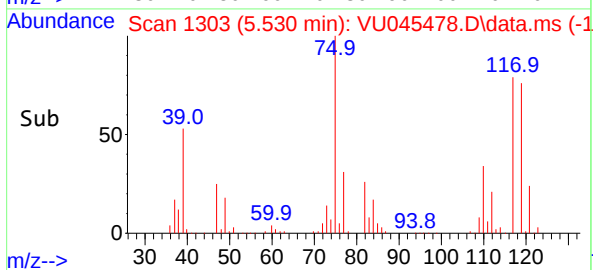
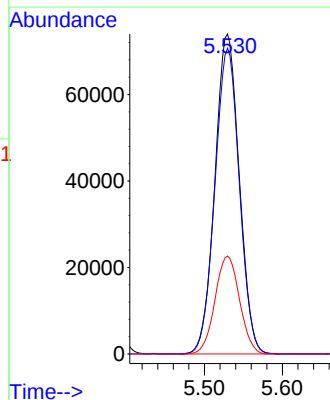
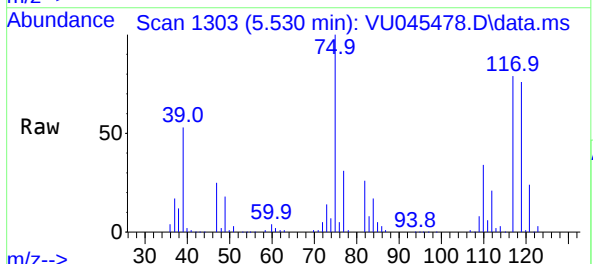
APPROVED

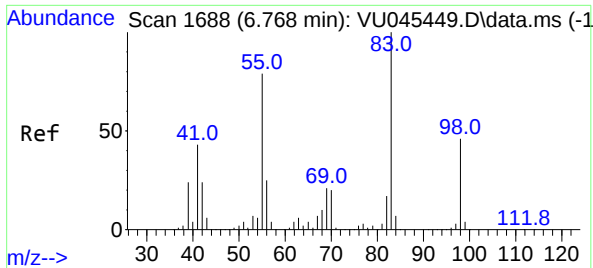
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#38
Carbon Tetrachloride
Concen: 50.344 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

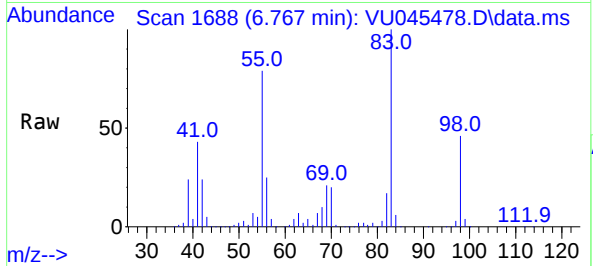
Tgt Ion:117 Resp: 160538
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
121 30.6 24.8 37.2





#39
Methylcyclohexane
Concen: 51.080 ug/l
RT: 6.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

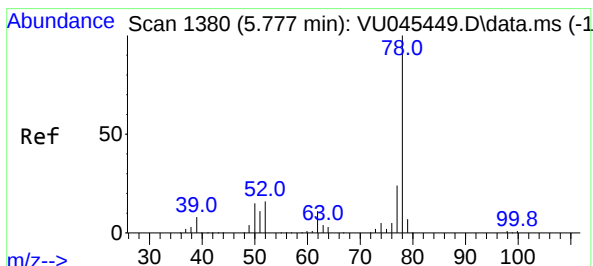
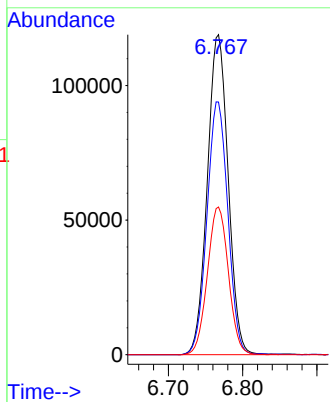
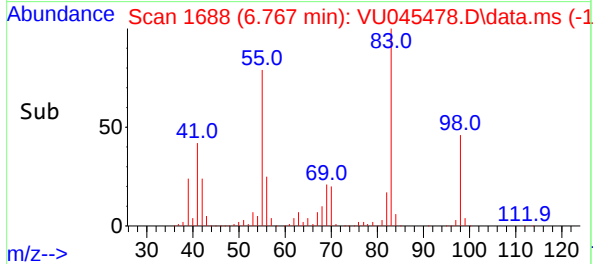
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



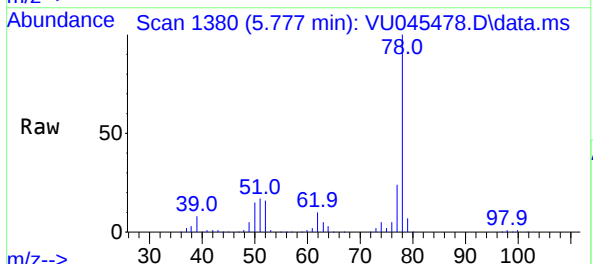
Tgt Ion: 83 Resp: 23225
Ion Ratio Lower Upper
83 100
55 79.0 63.6 95.4
98 46.2 37.1 55.7

Manual Integrations
APPROVED

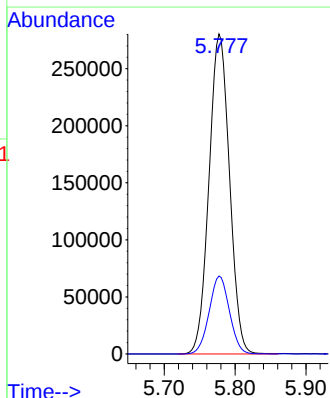
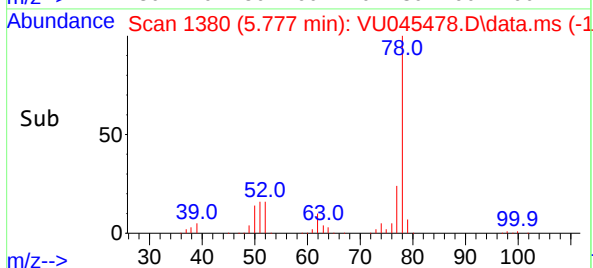
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

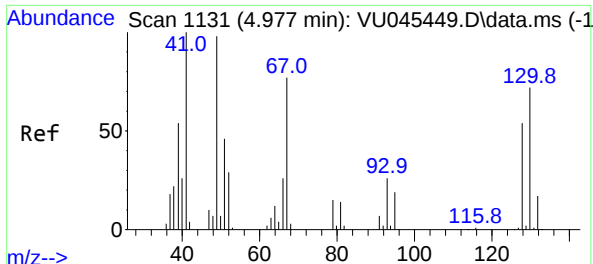


#40
Benzene
Concen: 51.128 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion: 78 Resp: 562727
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#41

Methacrylonitrile

Concen: 53.580 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 12556

Ion Ratio Lower Upper

41 100

39 53.2 43.4 65.0

67 75.7 61.0 91.4

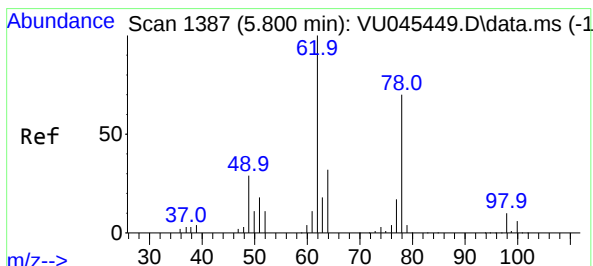
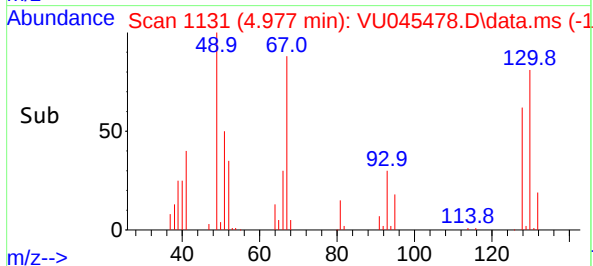
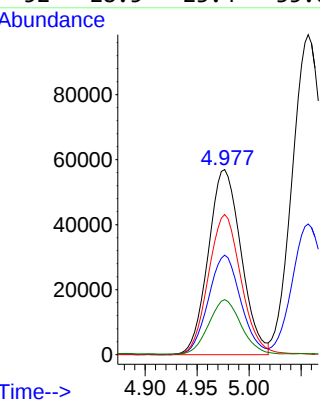
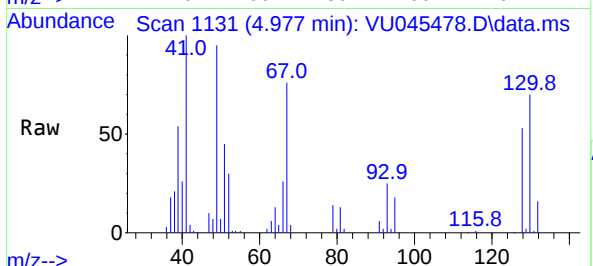
52 28.5 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#42

1,2-Dichloroethane

Concen: 49.766 ug/l

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045478.D

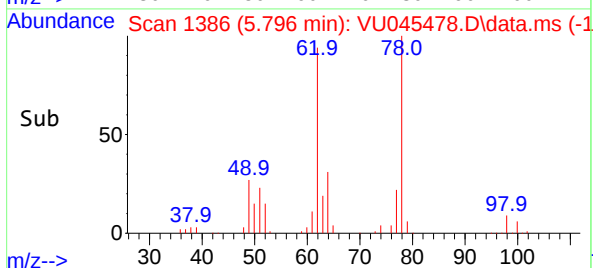
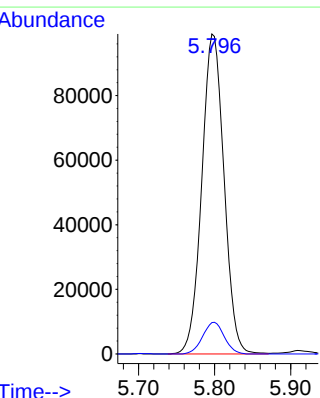
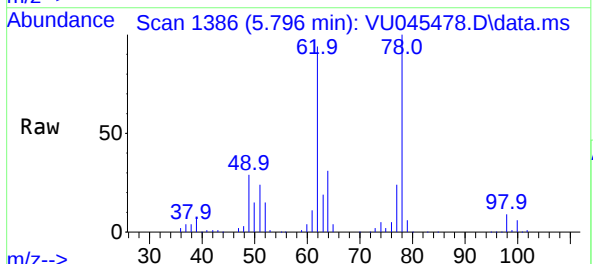
Acq: 29 Oct 2021 20:45

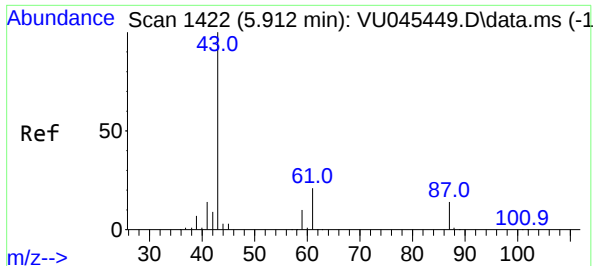
Tgt Ion: 62 Resp: 201169

Ion Ratio Lower Upper

62 100

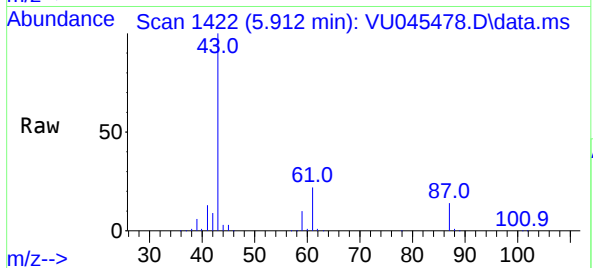
98 9.6 0.0 18.4





#43
Isopropyl Acetate
Concen: 52.952 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

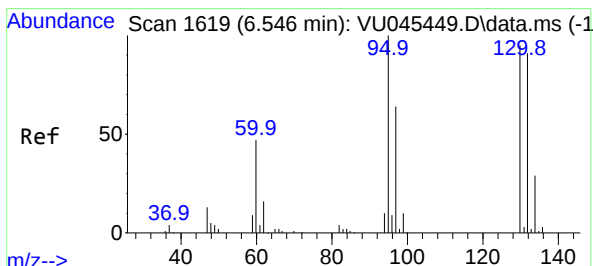
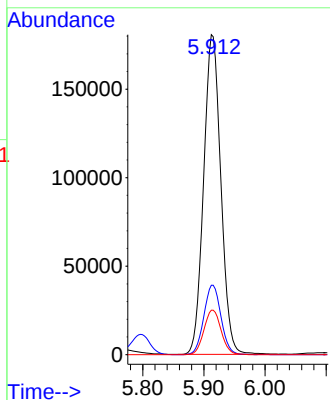
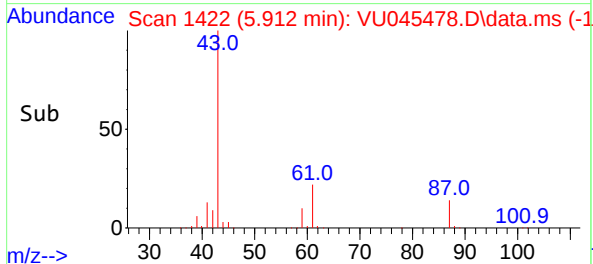
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



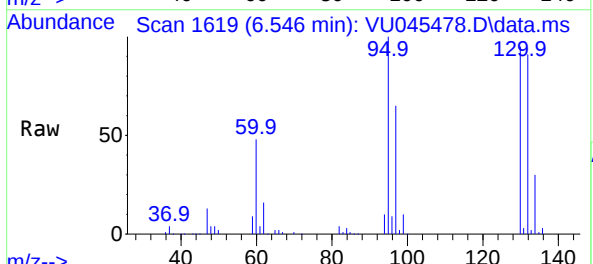
Tgt Ion: 43 Resp: 353360
Ion Ratio Lower Upper
43 100
61 21.7 16.9 25.3
87 13.9 11.0 16.4

Manual Integrations
APPROVED

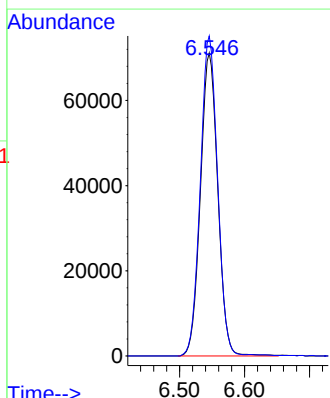
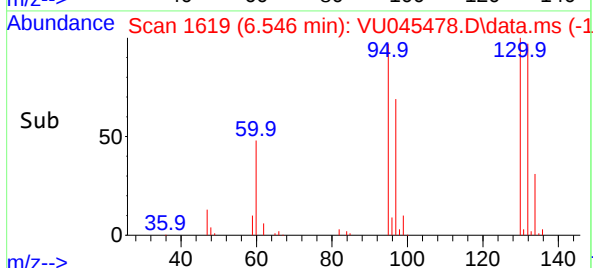
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

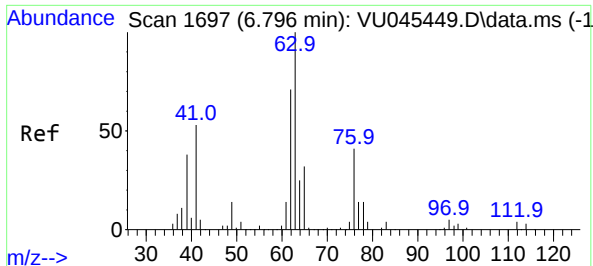


#44
Trichloroethene
Concen: 51.969 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



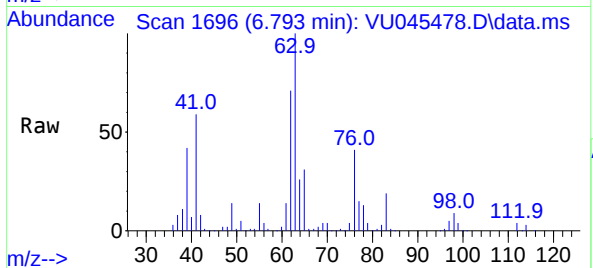
Tgt Ion:130 Resp: 132569
Ion Ratio Lower Upper
130 100
95 105.6 0.0 211.4





#45
1,2-Dichloropropane
Concen: 51.066 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

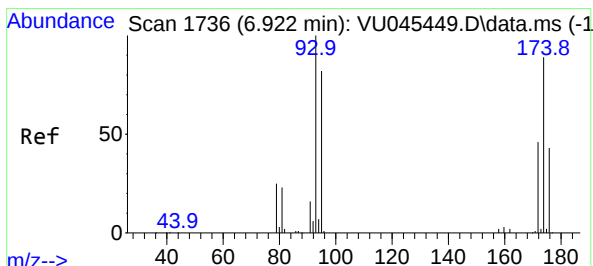
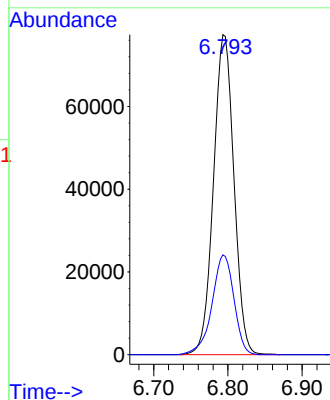
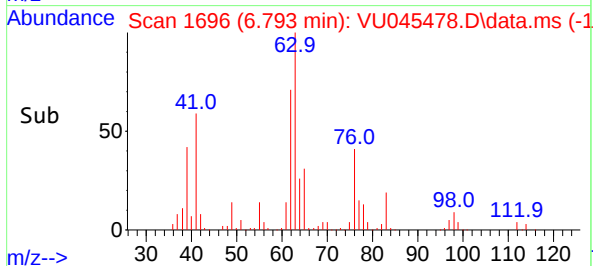
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 14791
Ion Ratio Lower Upper
63 100
65 31.2 25.7 38.5

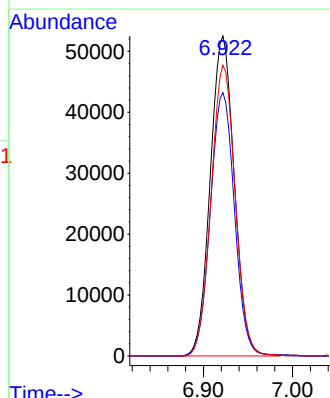
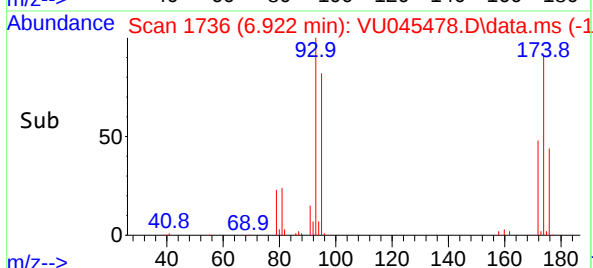
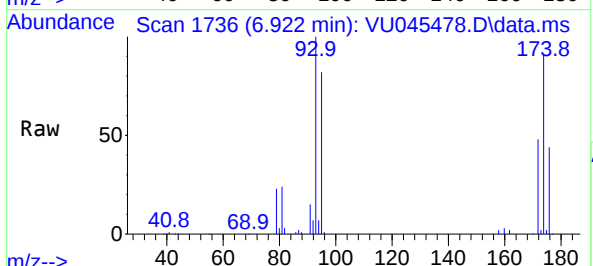
Manual Integrations
APPROVED

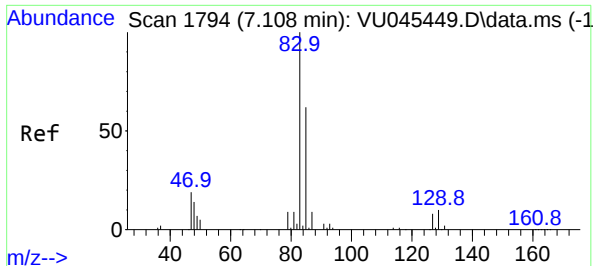
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#46
Dibromomethane
Concen: 52.183 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

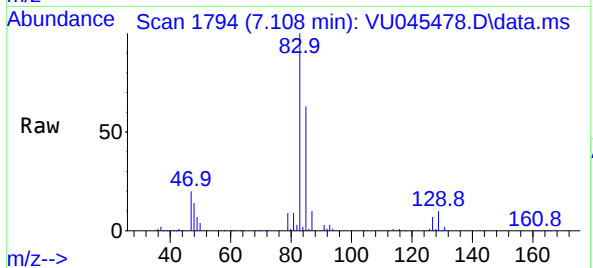
Tgt Ion: 93 Resp: 98418
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.2
174 91.0 71.0 106.6





#47
Bromodichloromethane
Concen: 51.327 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

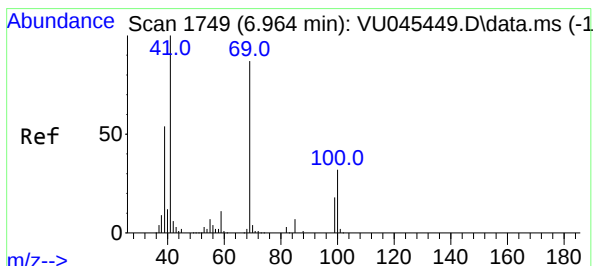
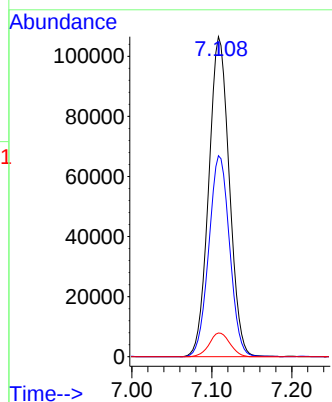
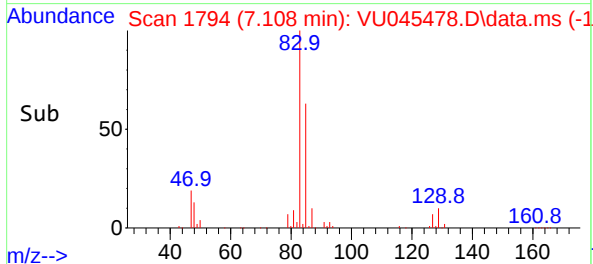
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



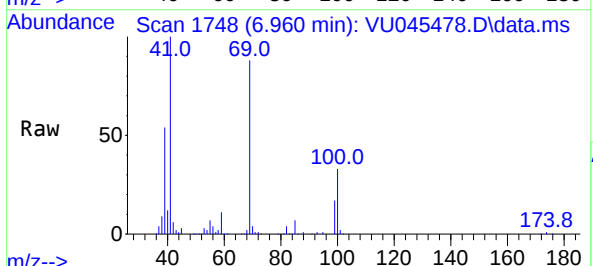
Tgt Ion: 83 Resp: 190512
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 7.4 6.2 9.2

Manual Integrations
APPROVED

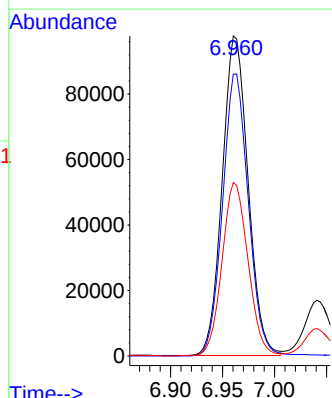
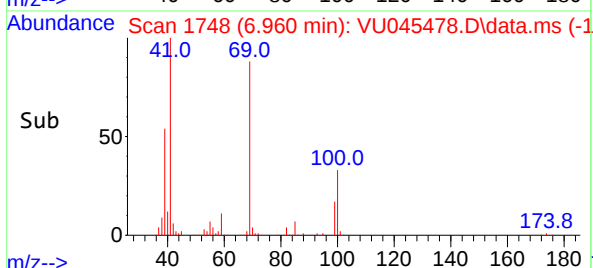
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

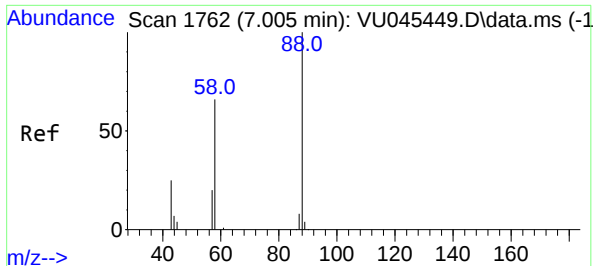


#48
Methyl methacrylate
Concen: 53.468 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion: 41 Resp: 169120
Ion Ratio Lower Upper
41 100
69 88.6 70.2 105.2
39 54.6 43.9 65.9





#49

1,4-Dioxane

Concen: 999.956 ug/l

RT: 7.009 min Scan# 1762

Delta R.T. 0.003 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

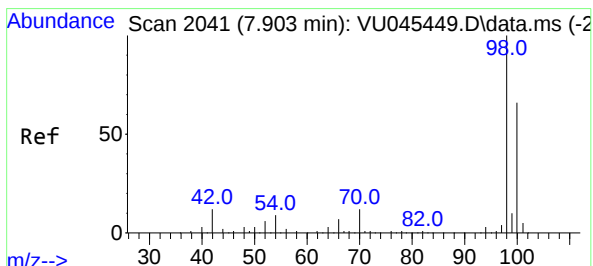
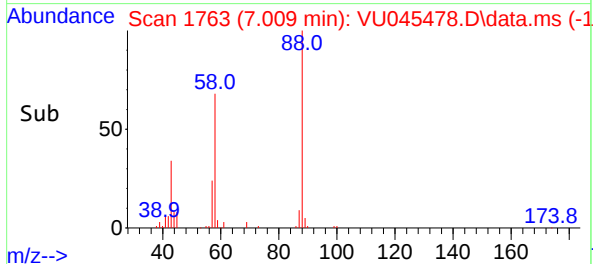
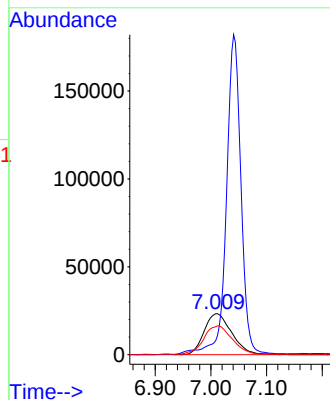
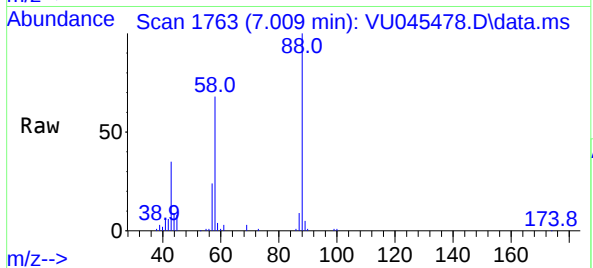
Tgt Ion: 88 Resp: 80382
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 73.7 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#50

Toluene-d8

Concen: 51.606 ug/l

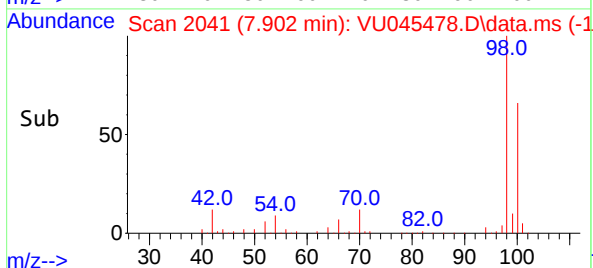
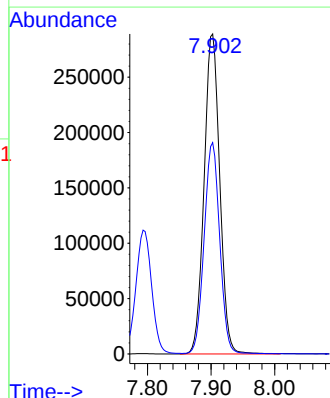
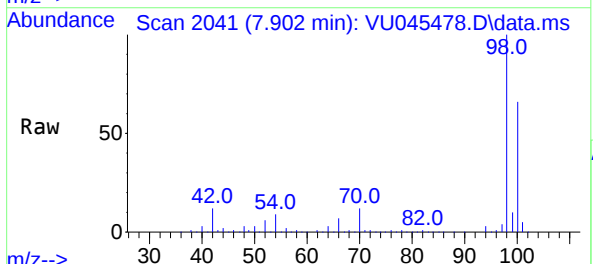
RT: 7.902 min Scan# 2041

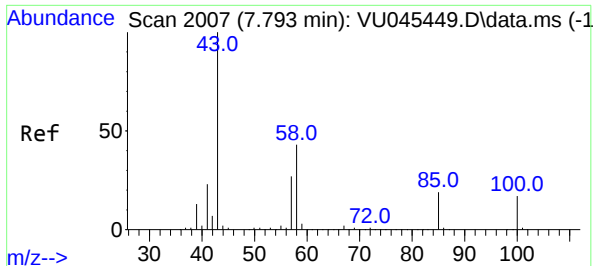
Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Tgt Ion: 98 Resp: 494231
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 268.844 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 115956

Ion Ratio Lower Upper

43 100

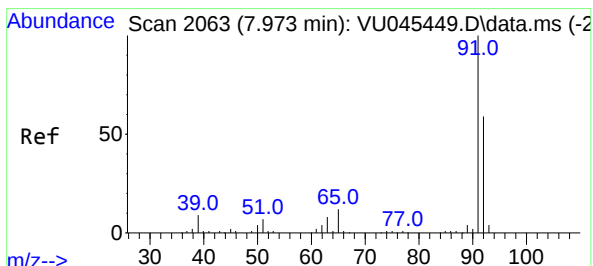
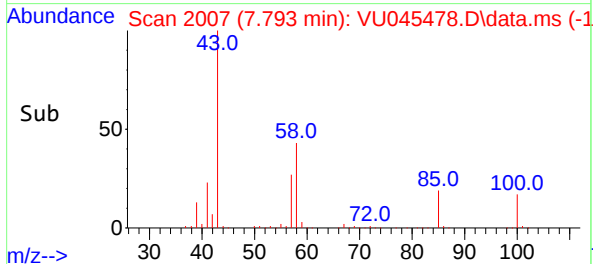
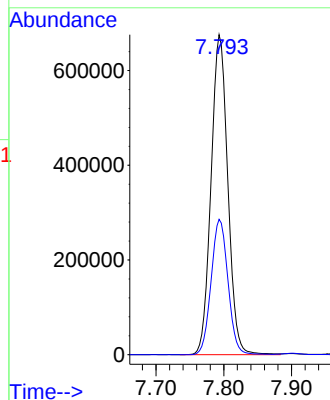
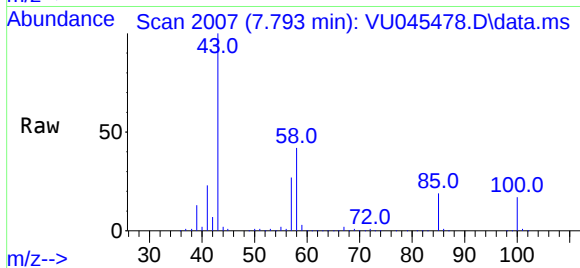
58 42.6 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#52

Toluene

Concen: 52.499 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045478.D

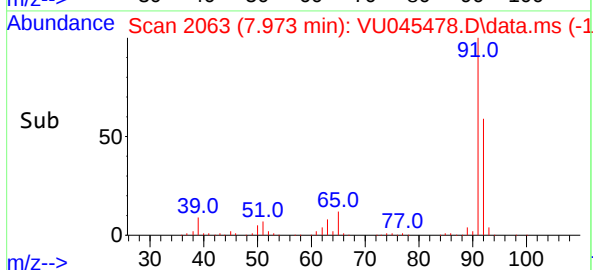
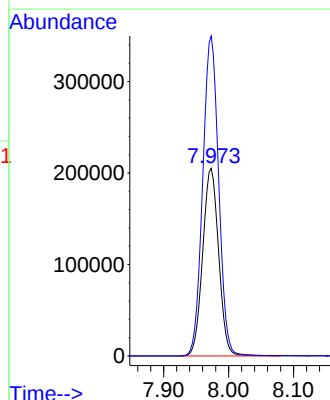
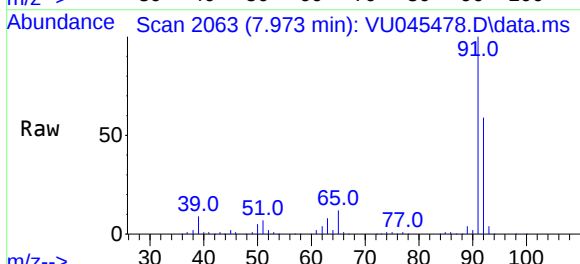
Acq: 29 Oct 2021 20:45

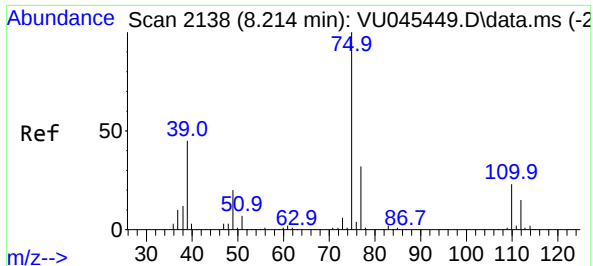
Tgt Ion: 92 Resp: 351249

Ion Ratio Lower Upper

92 100

91 170.6 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 52.410 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 221720

Ion Ratio Lower Upper

75 100

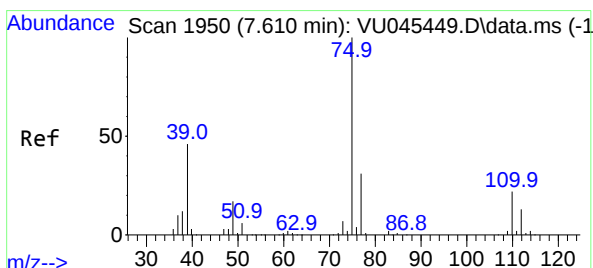
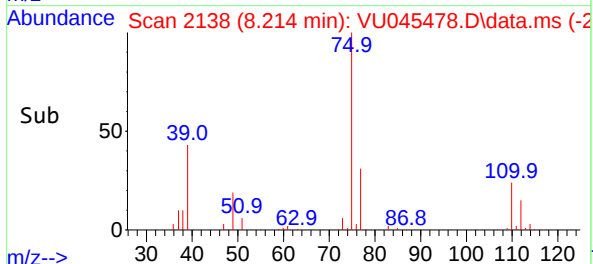
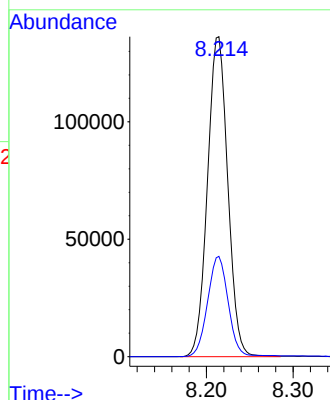
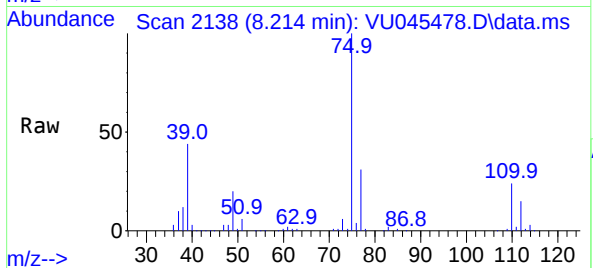
77 31.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#54

cis-1,3-Dichloropropene

Concen: 52.387 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

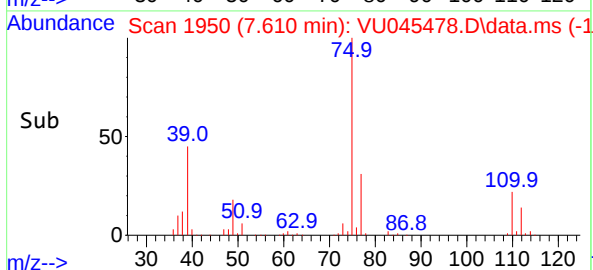
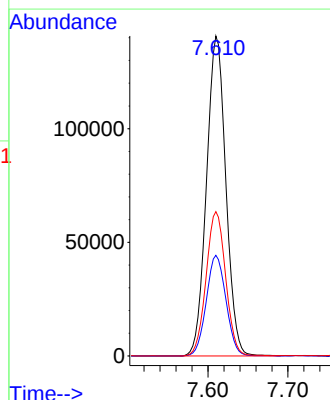
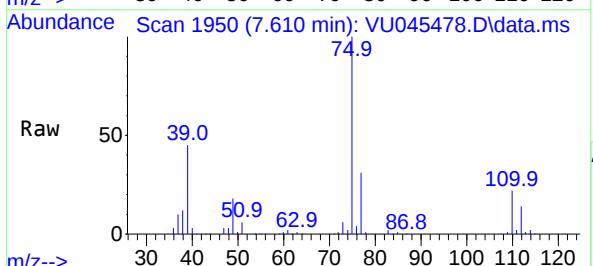
Tgt Ion: 75 Resp: 237343

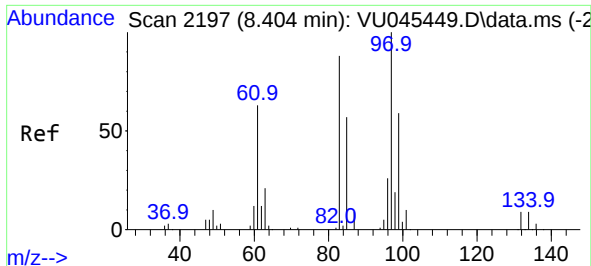
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 45.1 37.1 55.7





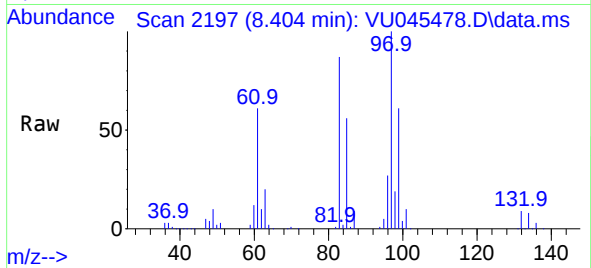
#55
1,1,2-Trichloroethane
Concen: 51.339 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

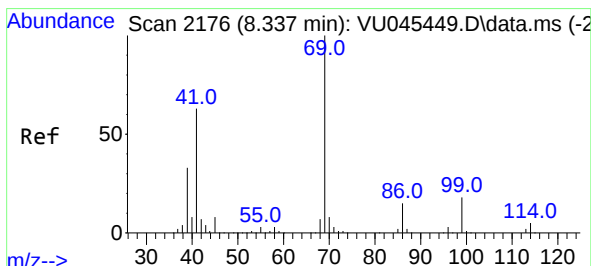
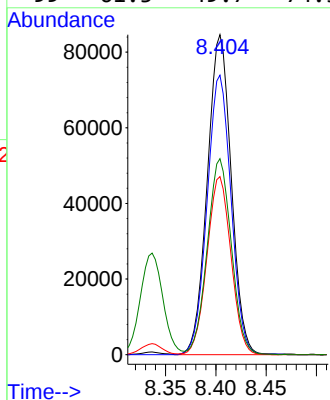
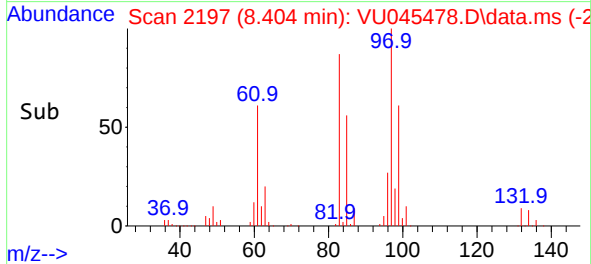


Tgt Ion: 97 Resp: 140300
Ion Ratio Lower Upper
97 100
83 87.3 70.3 105.5
85 55.6 45.5 68.3
99 61.3 49.7 74.5

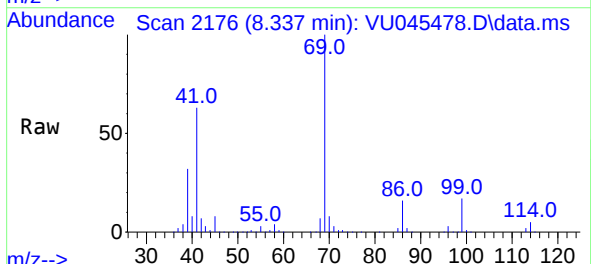
Manual Integrations

APPROVED

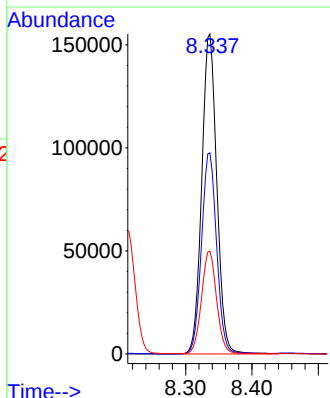
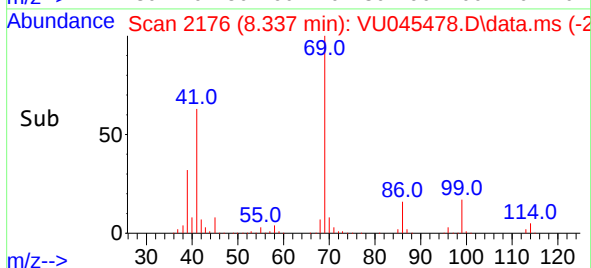
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

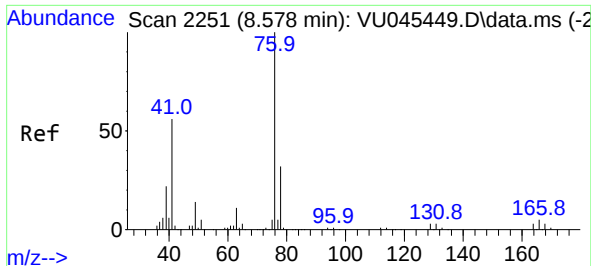


#56
Ethyl methacrylate
Concen: 48.927 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



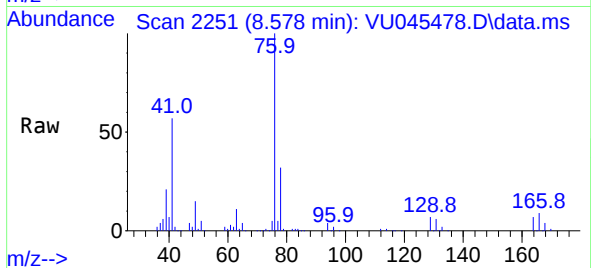
Tgt Ion: 69 Resp: 244489
Ion Ratio Lower Upper
69 100
41 63.5 51.0 76.4
39 31.9 26.6 39.8





#57
1,3-Dichloropropane
Concen: 51.373 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

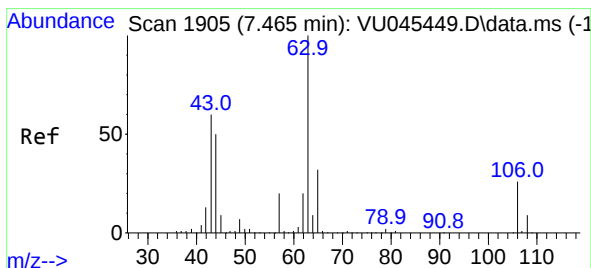
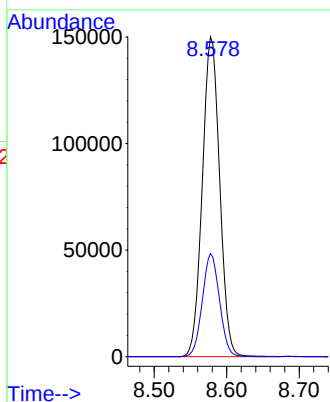
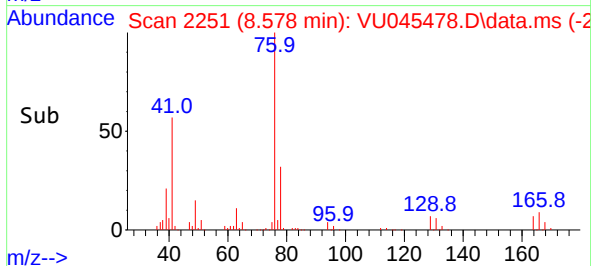
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



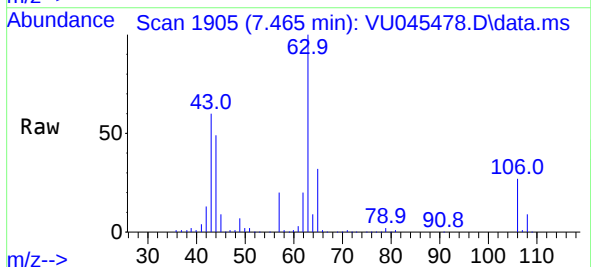
Tgt Ion: 76 Resp: 249210
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.8

Manual Integrations
APPROVED

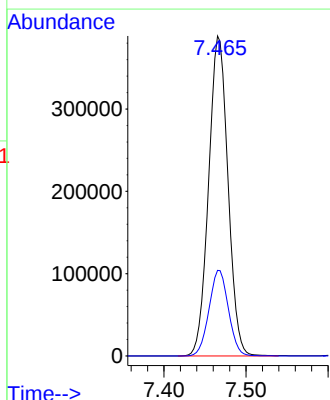
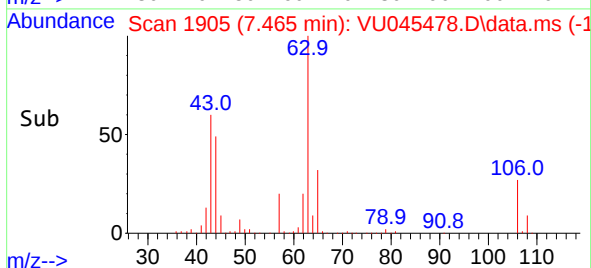
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

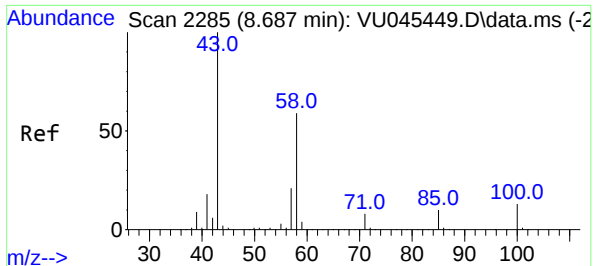


#58
2-Chloroethyl Vinyl ether
Concen: 253.995 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



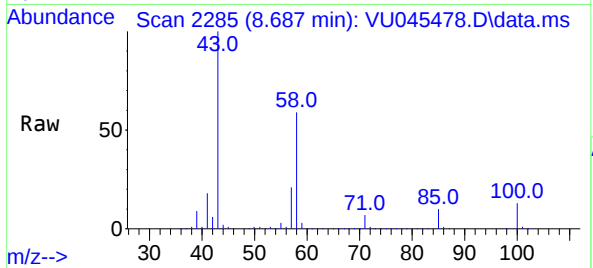
Tgt Ion: 63 Resp: 636260
Ion Ratio Lower Upper
63 100
106 26.9 21.0 31.4





#59
2-Hexanone
Concen: 270.418 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

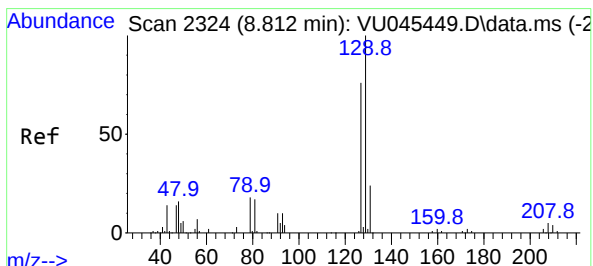
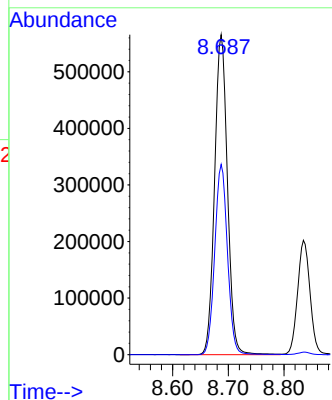
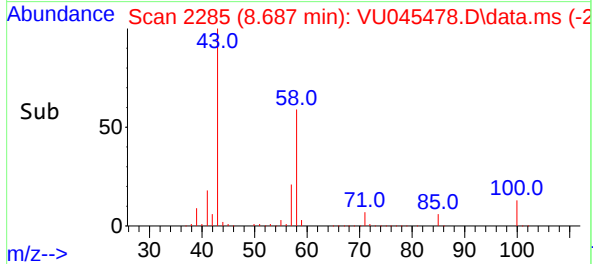
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



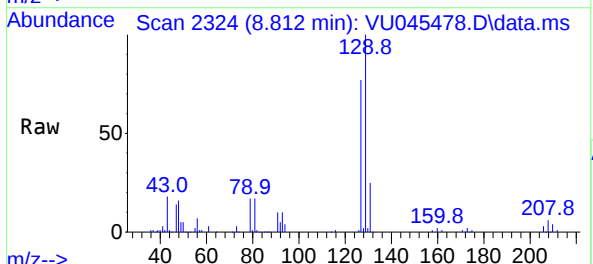
Tgt Ion: 43 Resp: 903678
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.6

Manual Integrations
APPROVED

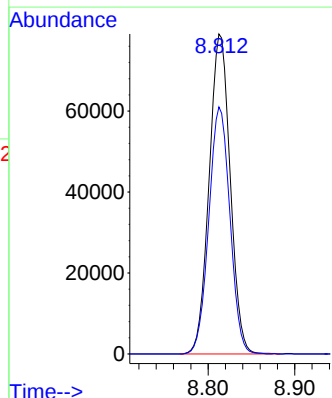
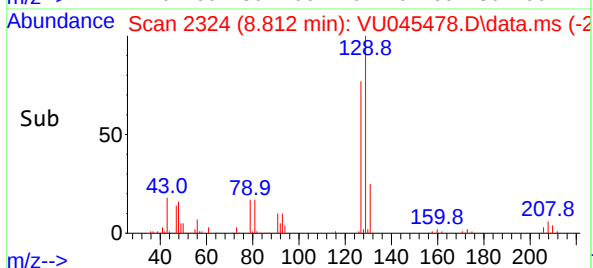
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

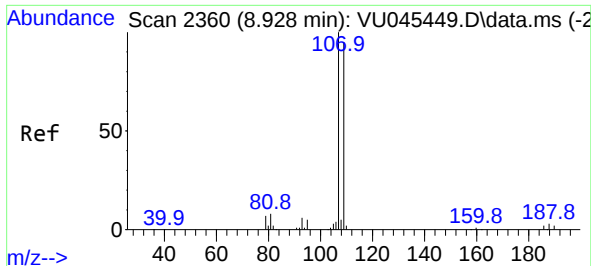


#60
Dibromochloromethane
Concen: 50.843 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



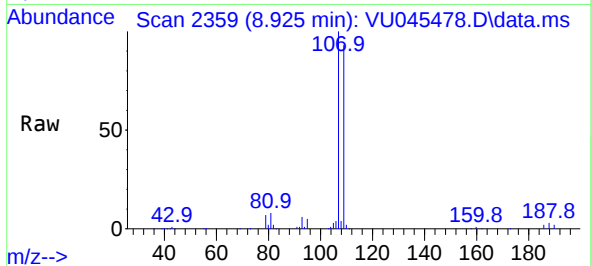
Tgt Ion:129 Resp: 133353
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 52.343 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

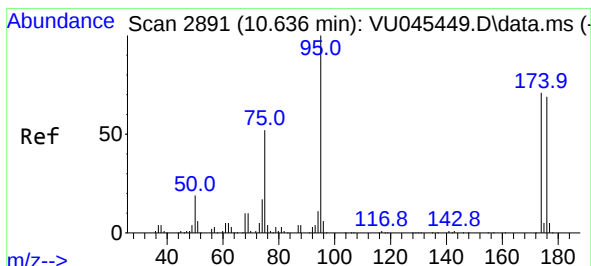
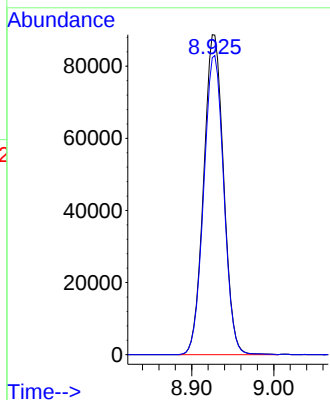
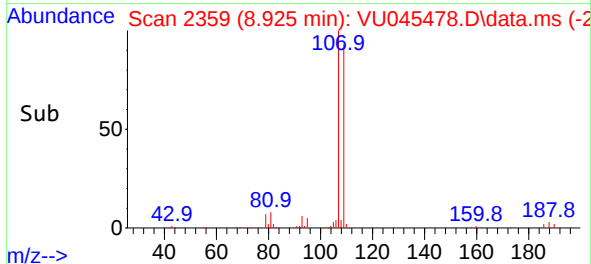
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



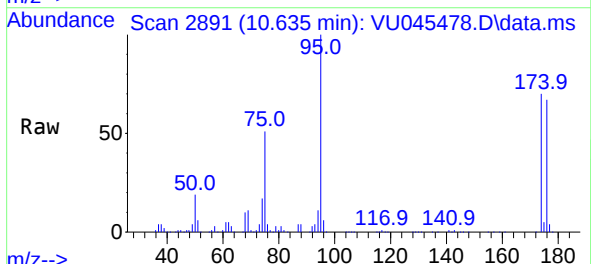
Tgt Ion:107 Resp: 14983
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8

Manual Integrations
APPROVED

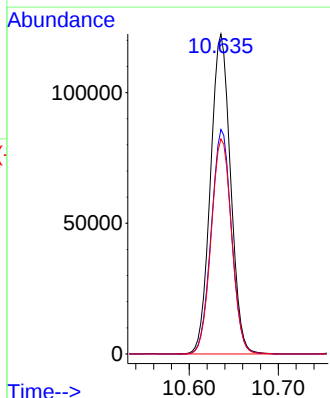
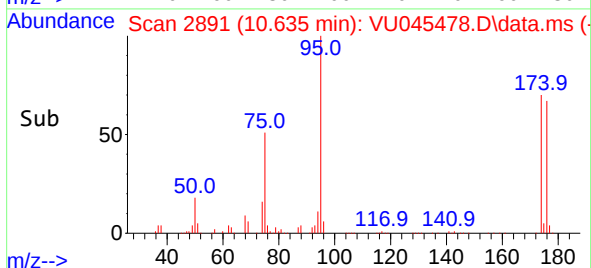
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

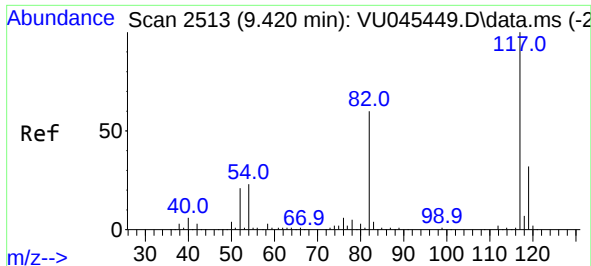


#62
4-Bromofluorobenzene
Concen: 52.562 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



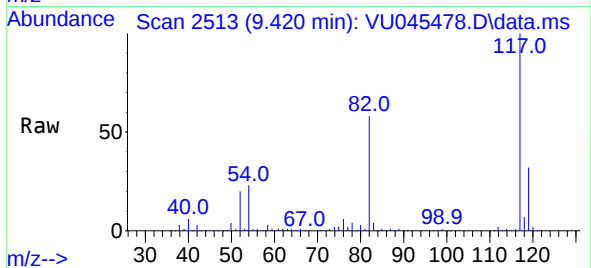
Tgt Ion: 95 Resp: 191823
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.8
176 68.2 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

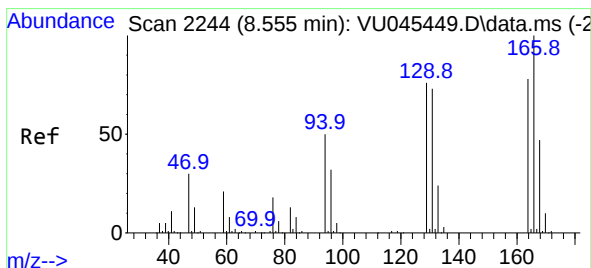
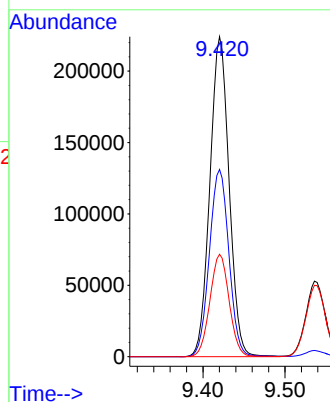
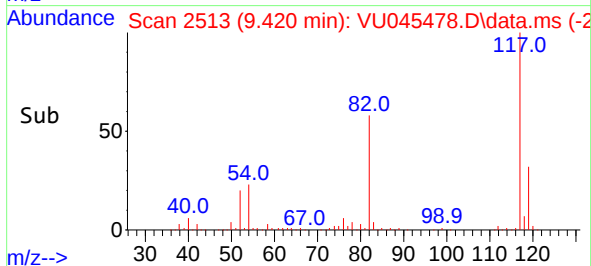
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



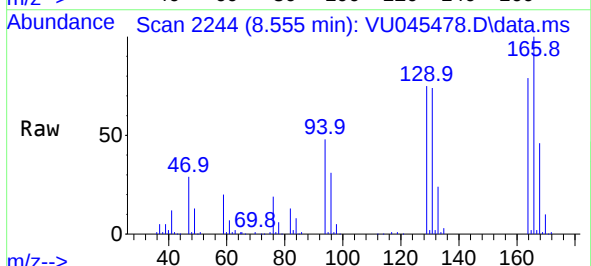
Tgt Ion:117 Resp: 364960
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 32.0 25.8 38.8

Manual Integrations
APPROVED

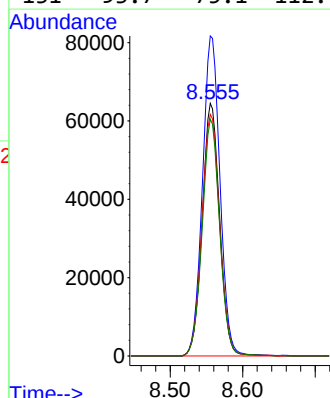
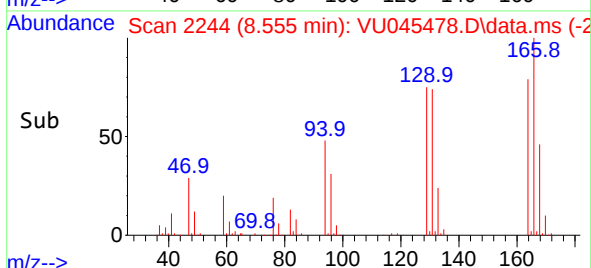
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

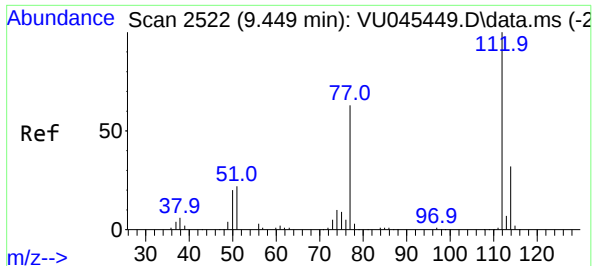


#64
Tetrachloroethene
Concen: 51.848 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



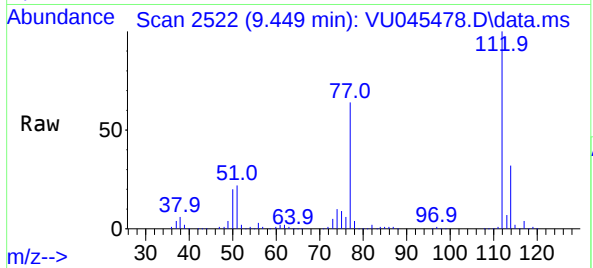
Tgt Ion:164 Resp: 108165
Ion Ratio Lower Upper
164 100
166 126.7 102.2 153.4
129 95.6 78.2 117.4
131 93.7 75.1 112.7





#65
Chlorobenzene
Concen: 51.056 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

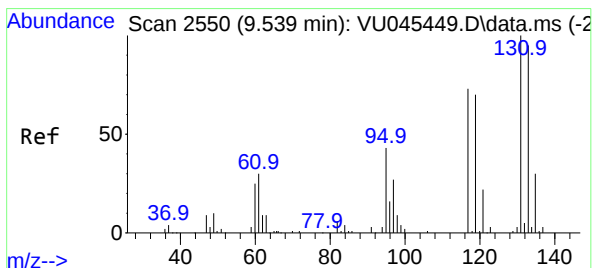
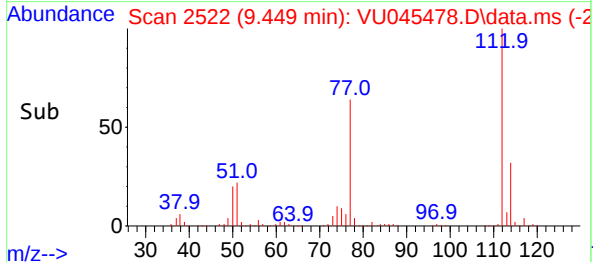
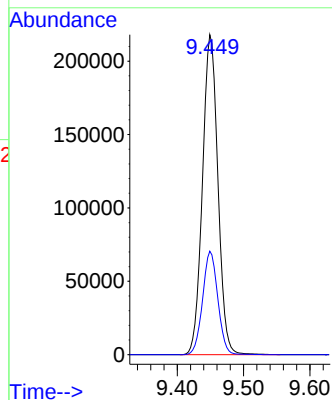
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 353290
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

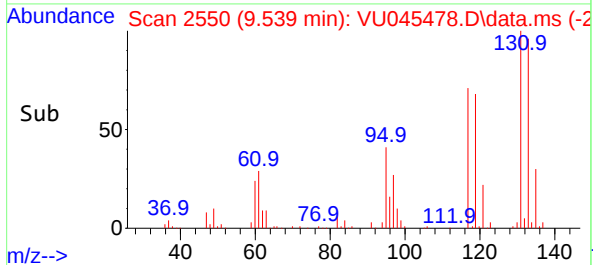
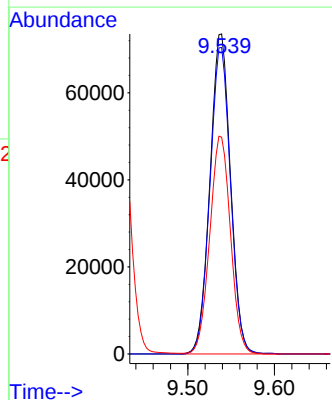
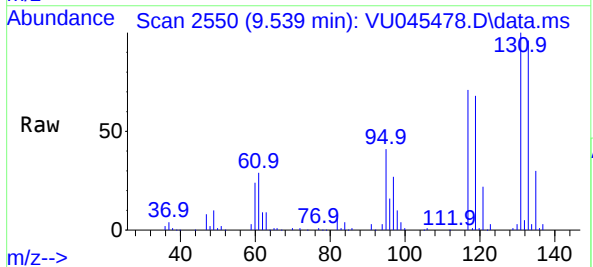
Manual Integrations
APPROVED

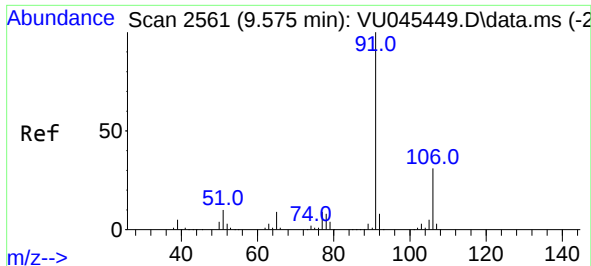
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.976 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion:131 Resp: 121343
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 68.6 34.5 103.6





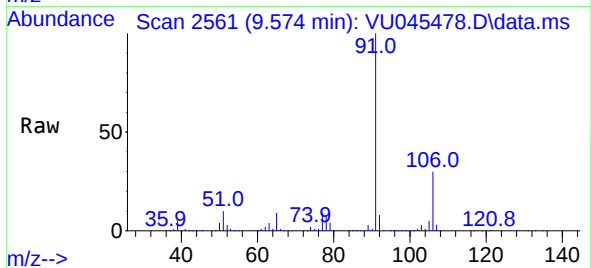
#67
Ethyl Benzene
Concen: 52.529 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

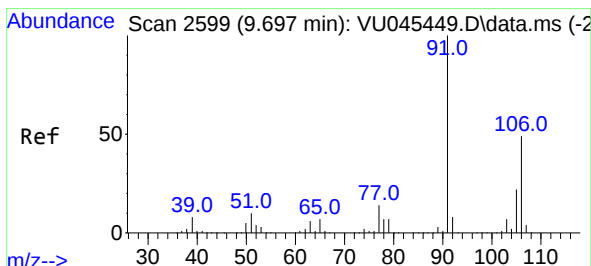
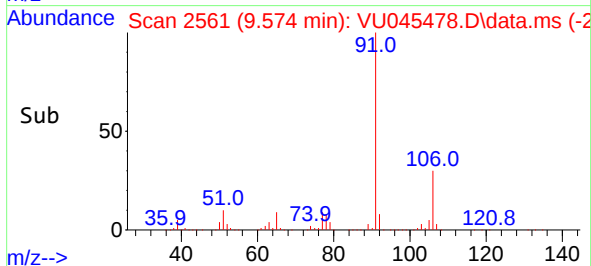
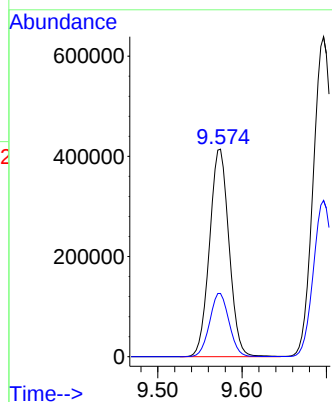


Tgt Ion: 91 Resp: 66583
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

Manual Integrations

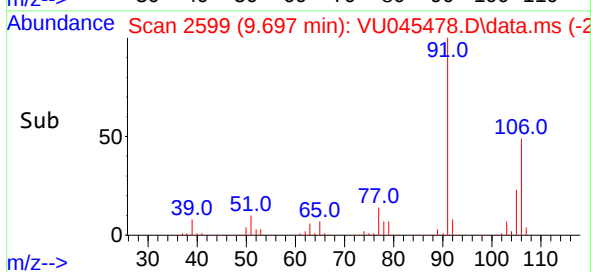
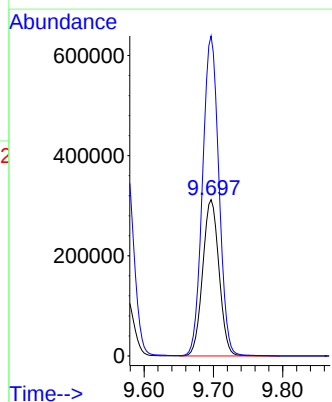
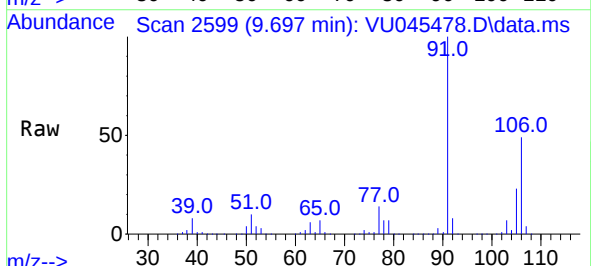
APPROVED

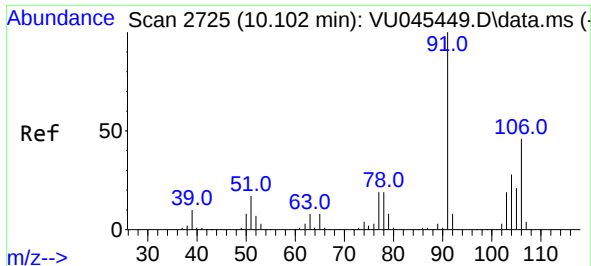
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#68
m/p-Xylenes
Concen: 106.652 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion:106 Resp: 510294
Ion Ratio Lower Upper
106 100
91 205.5 164.7 247.1





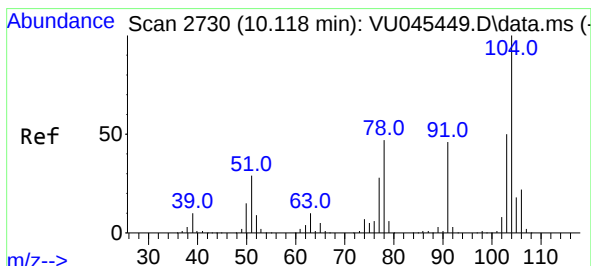
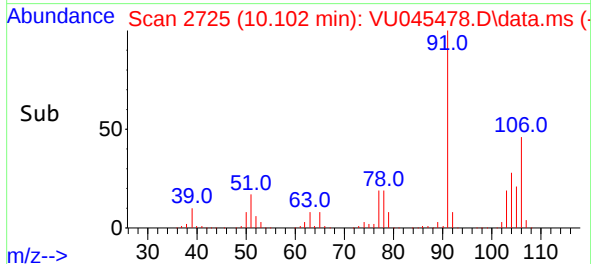
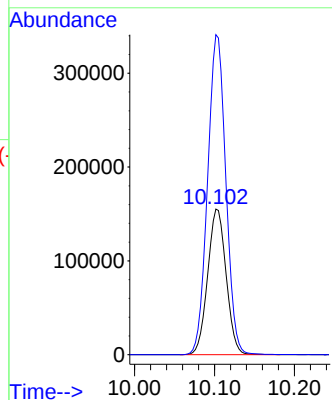
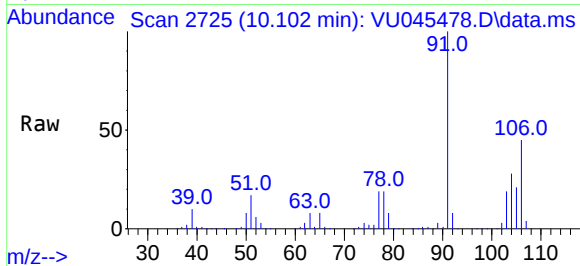
#69
o-Xylene
Concen: 53.295 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 24864
Ion Ratio Lower Upper
106 100
91 217.7 108.7 326.3

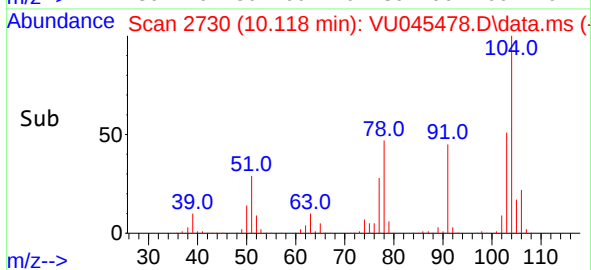
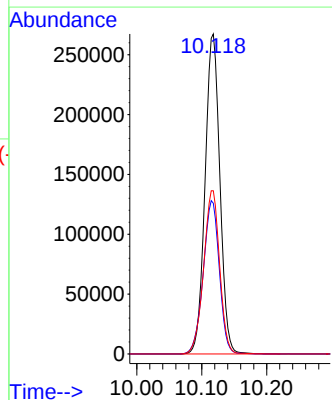
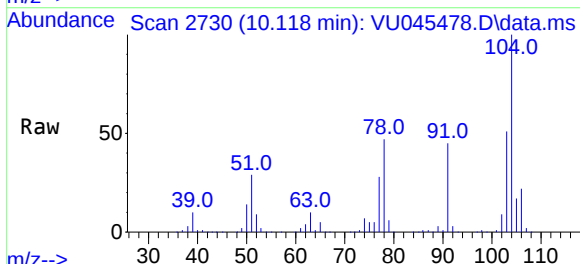
Manual Integrations
APPROVED

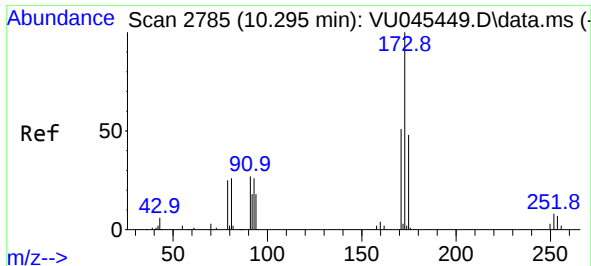
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#70
Styrene
Concen: 49.338 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

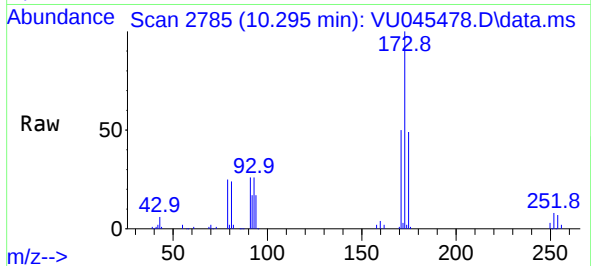
Tgt Ion:104 Resp: 425504
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 55.0 43.8 65.6





#71
Bromoform
Concen: 46.885 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

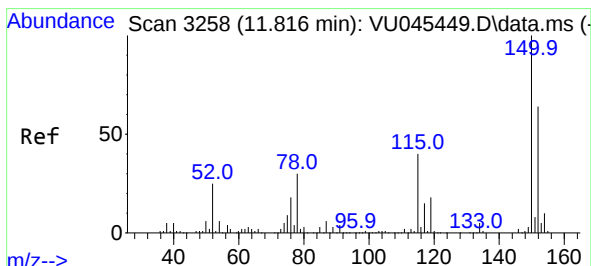
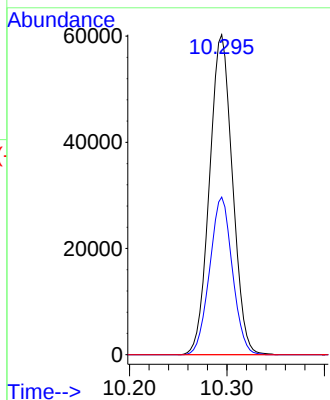
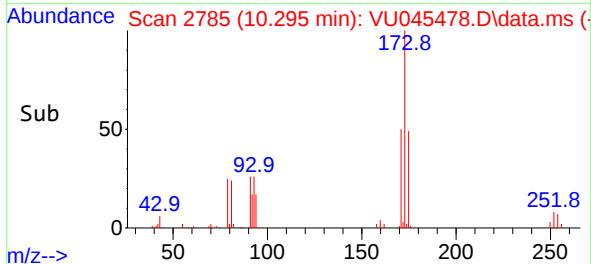
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 9873
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0

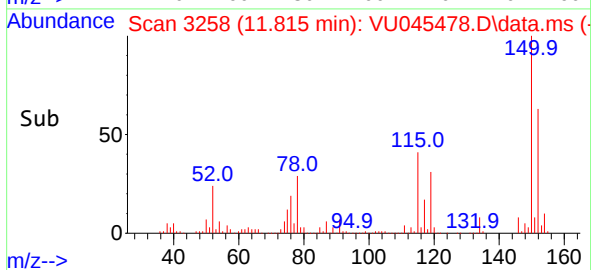
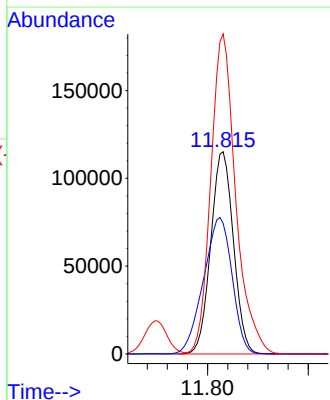
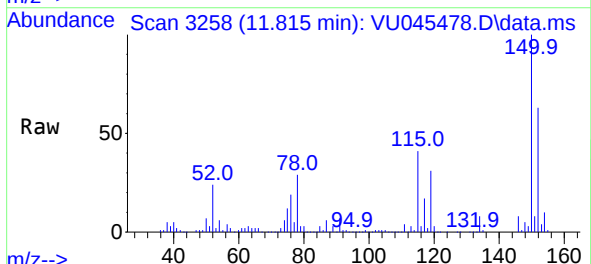
Manual Integrations
APPROVED

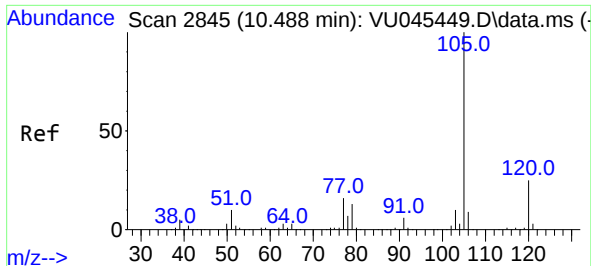
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion:152 Resp: 180454
Ion Ratio Lower Upper
152 100
115 84.8 42.7 128.1
150 173.7 0.0 346.8





#73
Isopropylbenzene
Concen: 52.879 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

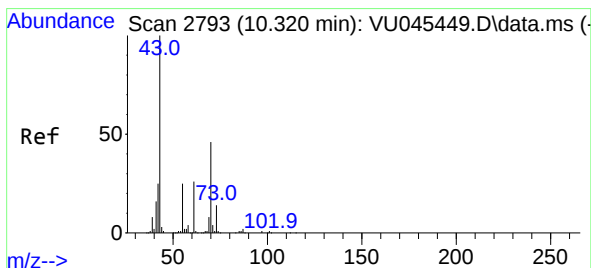
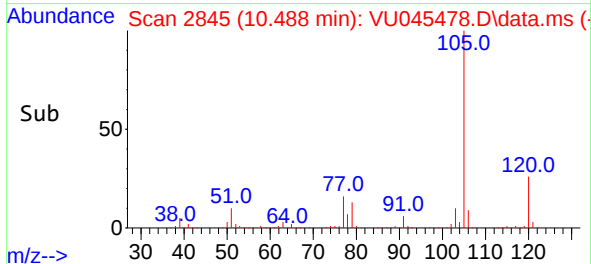
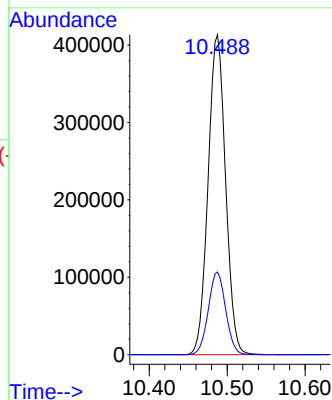
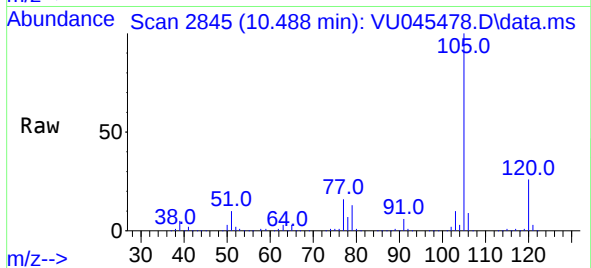
VSTDCCC050EC

Tgt Ion:105 Resp: 643419
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

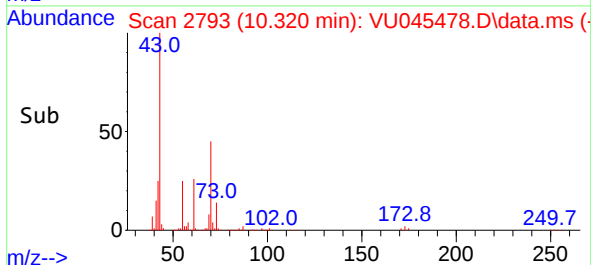
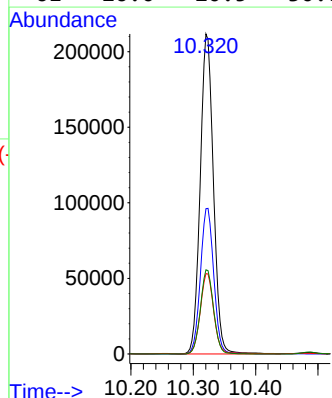
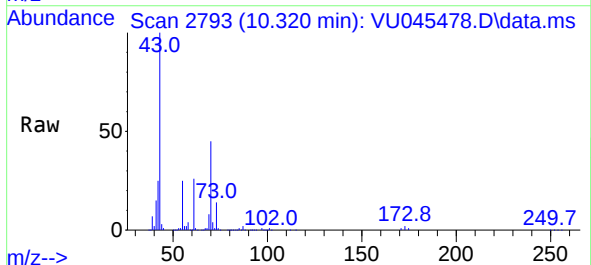
APPROVED

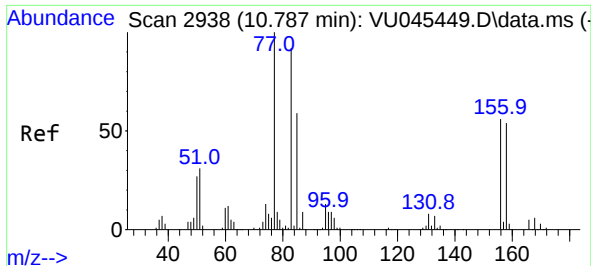
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#74
N-ethyl acetate
Concen: 49.501 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

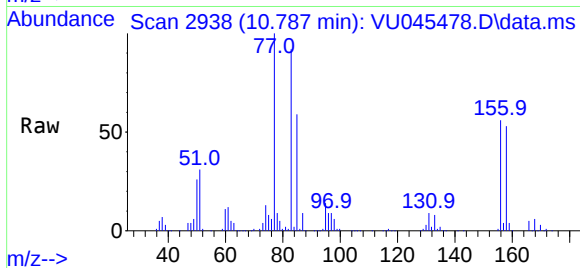
Tgt Ion: 43 Resp: 312336
Ion Ratio Lower Upper
43 100
70 45.9 36.9 55.3
55 25.7 20.6 31.0
61 26.0 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.765 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

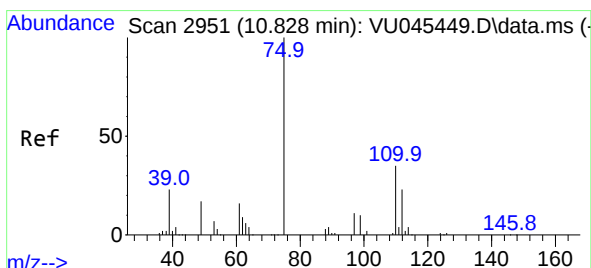
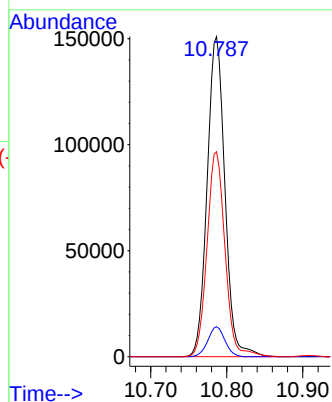
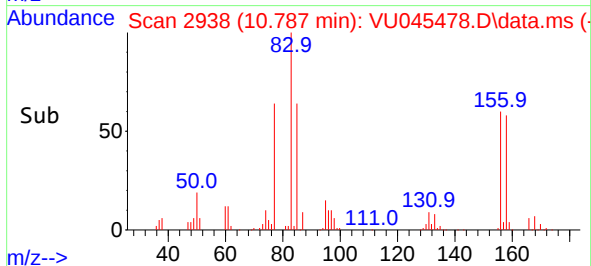
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



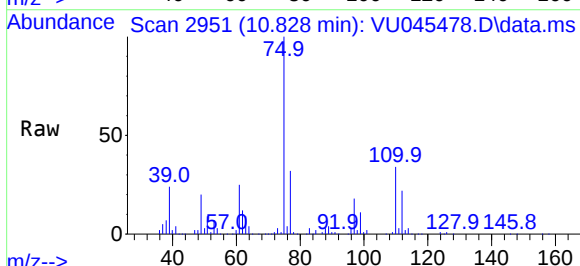
Tgt Ion: 83 Resp: 245158
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 64.8 31.9 95.9

Manual Integrations
APPROVED

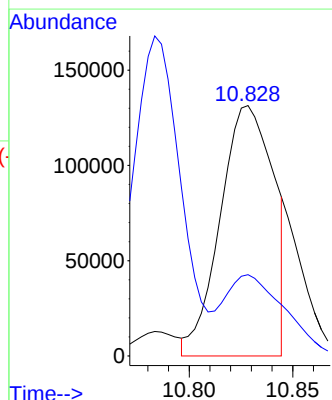
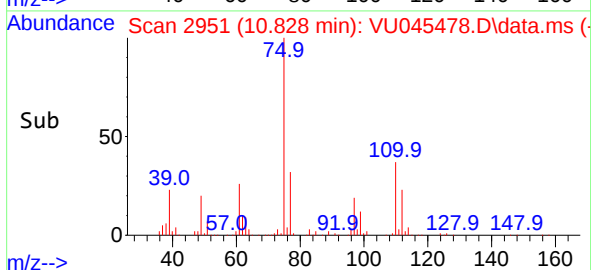
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

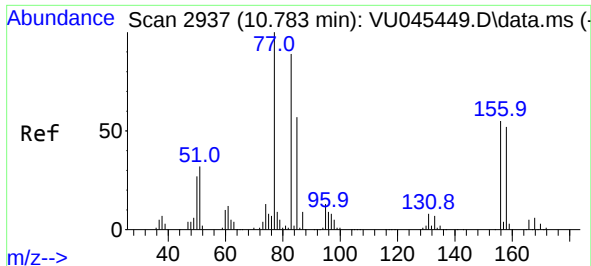


#76
1,2,3-Trichloropropane
Concen: 48.877 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion: 75 Resp: 235002
Ion Ratio Lower Upper
75 100
77 35.9 17.1 51.3





#77
Bromobenzene
Concen: 52.268 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

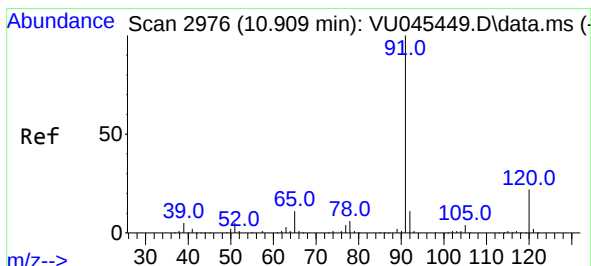
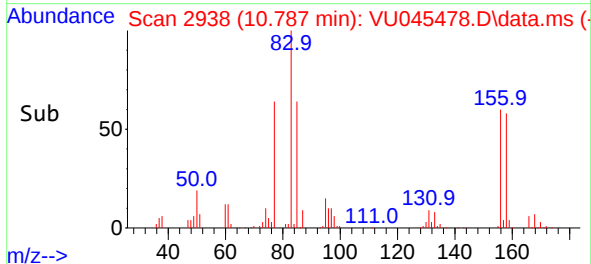
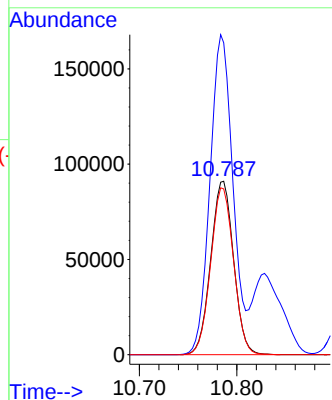
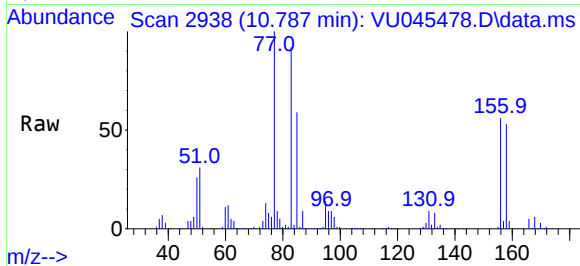
VSTDCCC050EC

Tgt Ion:156 Resp: 14839
Ion Ratio Lower Upper
156 100
77 183.3 91.1 273.4
158 96.3 47.9 143.6

Manual Integrations

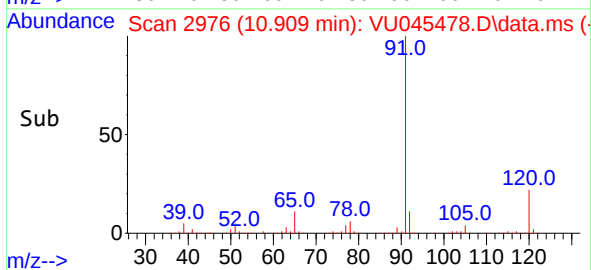
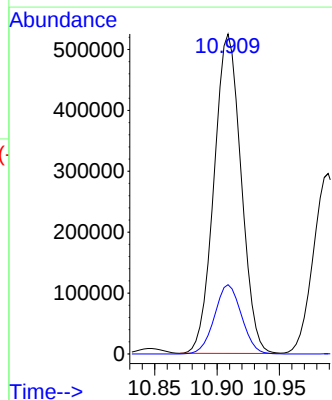
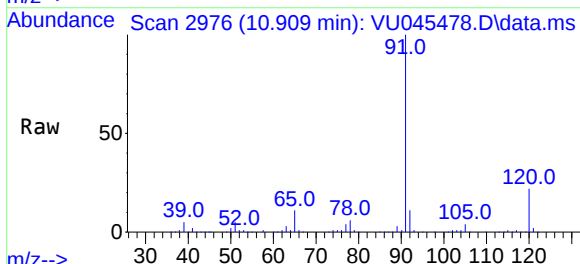
APPROVED

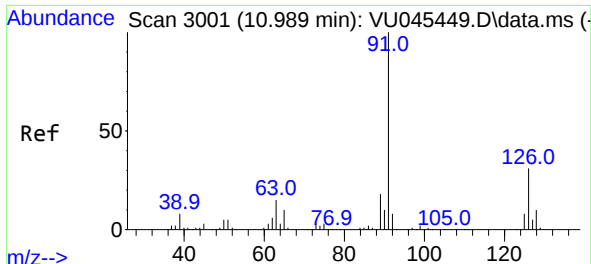
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#78
n-propylbenzene
Concen: 53.693 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Tgt Ion: 91 Resp: 792078
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





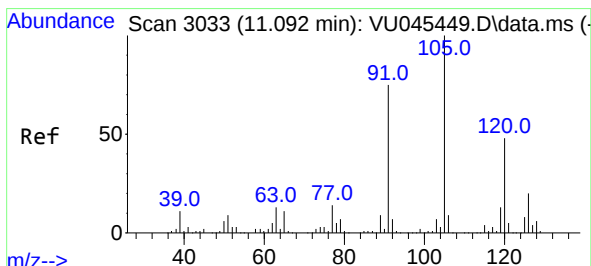
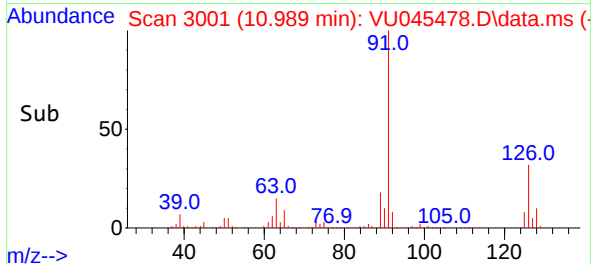
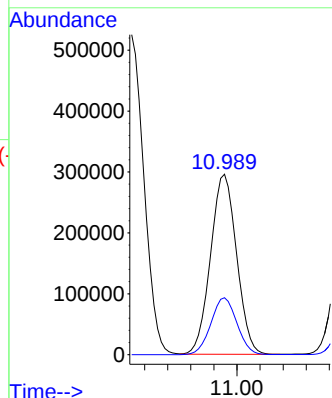
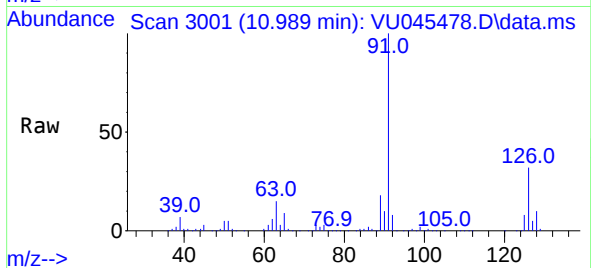
#79
2-Chlorotoluene
Concen: 52.233 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 46379
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.8

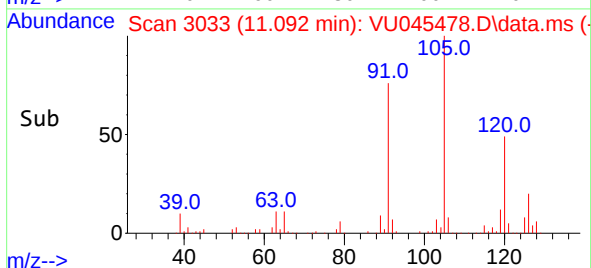
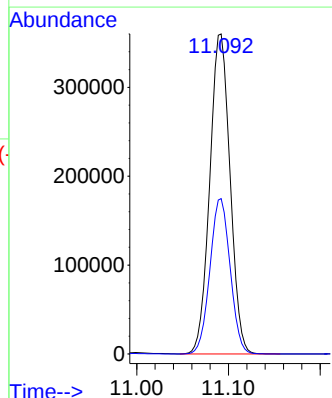
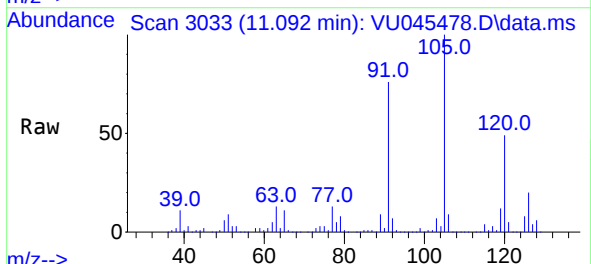
Manual Integrations
APPROVED

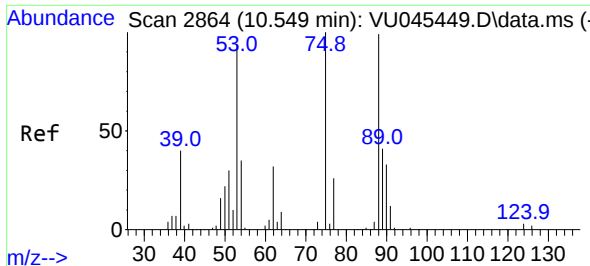
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.066 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

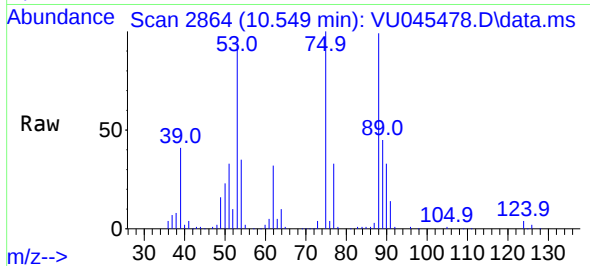
Tgt Ion:105 Resp: 553569
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.564 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

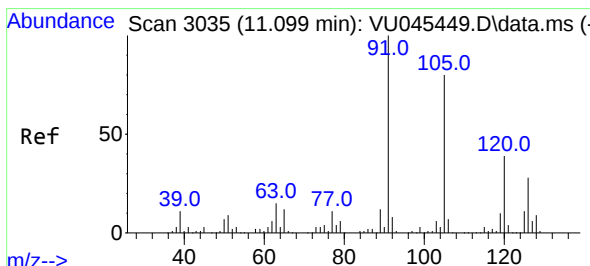
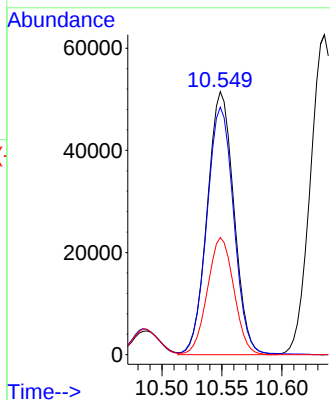
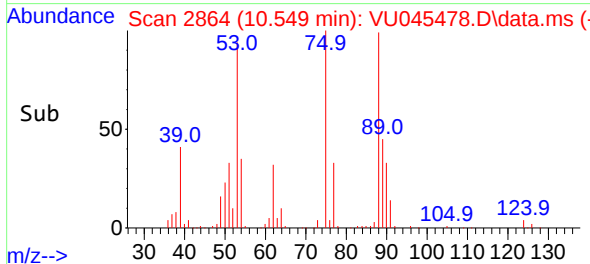
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



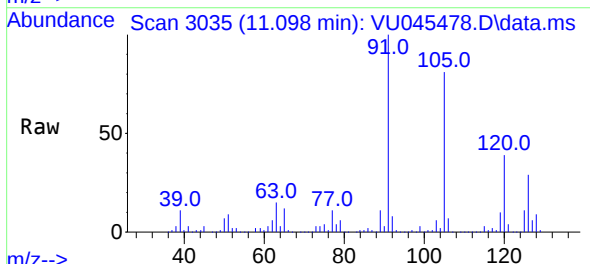
Tgt Ion: 75 Resp: 79800
Ion Ratio Lower Upper
75 100
53 95.1 76.2 114.4
89 44.0 34.0 51.0

Manual Integrations
APPROVED

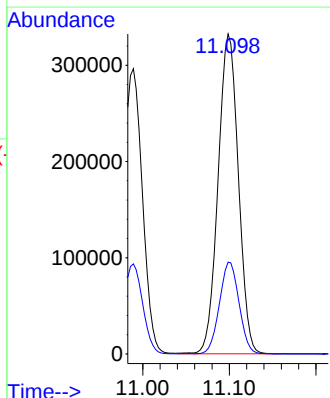
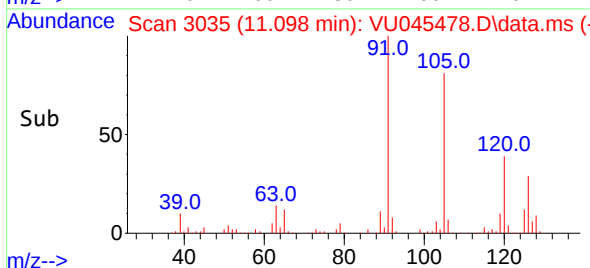
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

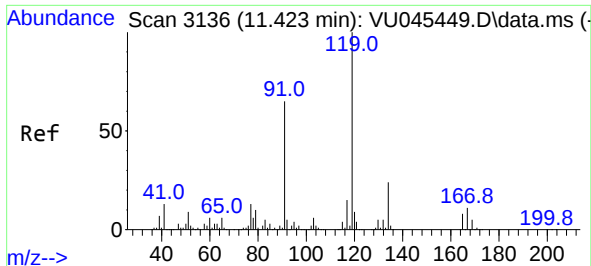


#82
4-Chlorotoluene
Concen: 53.413 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



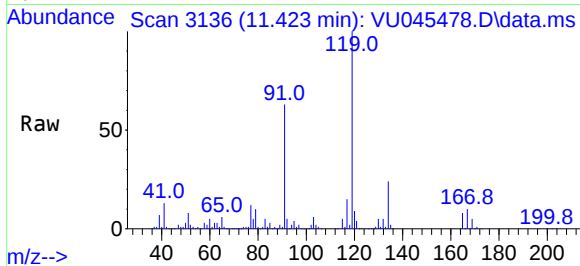
Tgt Ion: 91 Resp: 539329
Ion Ratio Lower Upper
91 100
126 27.8 13.8 41.4





#83
tert-Butylbenzene
Concen: 52.853 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

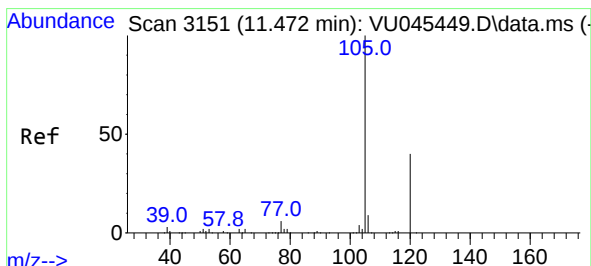
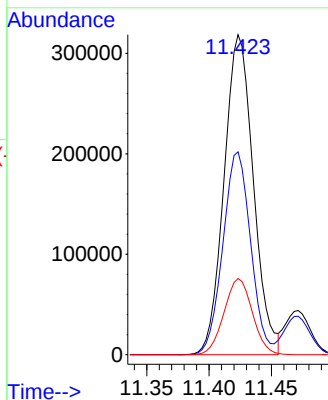
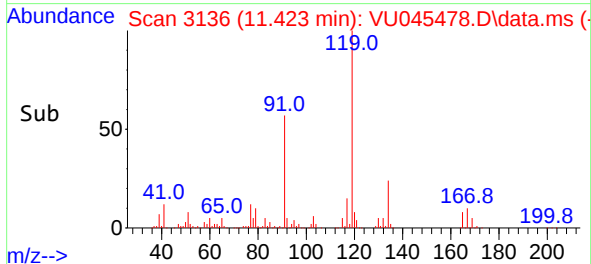
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



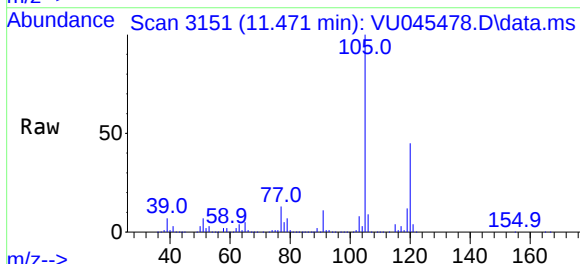
Tgt Ion:119 Resp: 522354
Ion Ratio Lower Upper
119 100
91 60.2 30.5 91.5
134 23.0 11.5 34.5

Manual Integrations
APPROVED

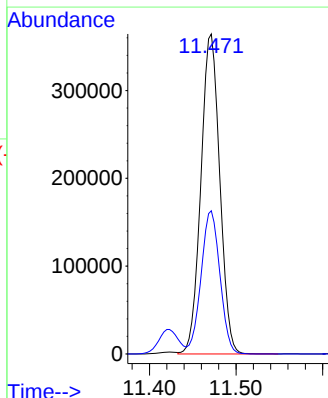
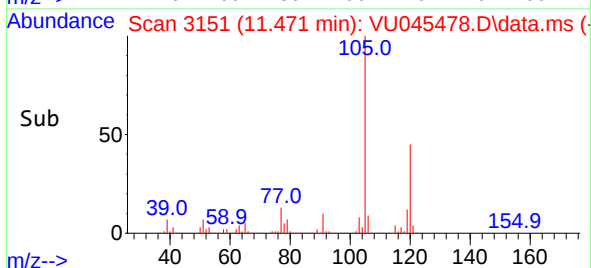
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

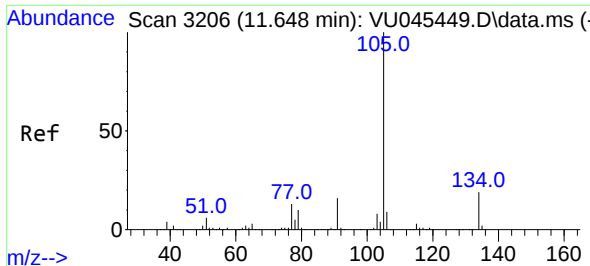


#84
1,2,4-Trimethylbenzene
Concen: 53.785 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



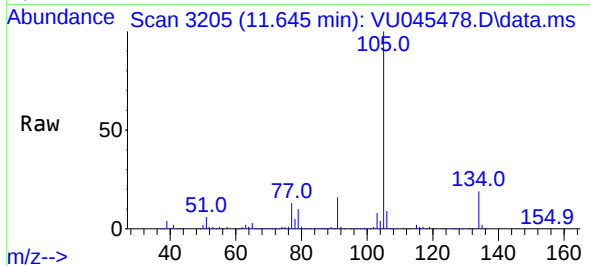
Tgt Ion:105 Resp: 551774
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 52.886 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045478.D
 Acq: 29 Oct 2021 20:45

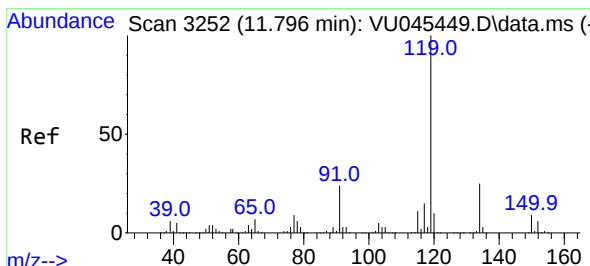
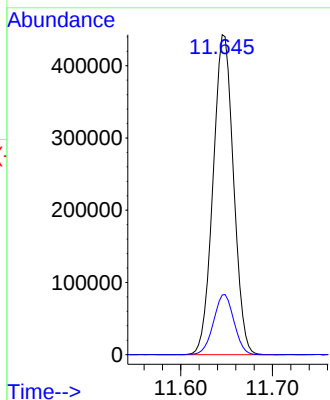
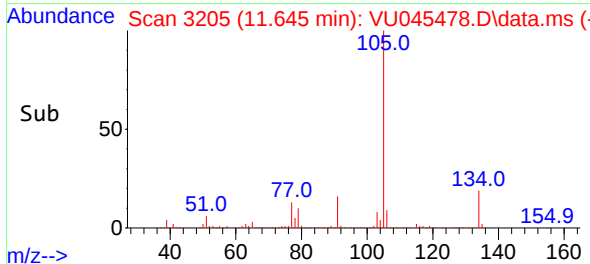
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



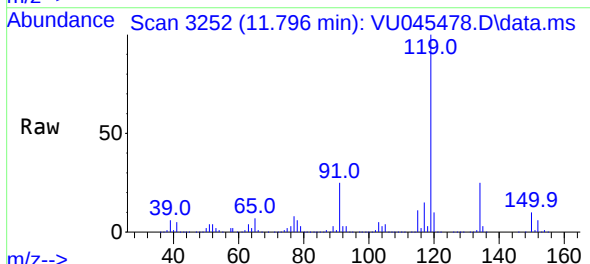
Tgt Ion:105 Resp: 685900
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

Manual Integrations
 APPROVED

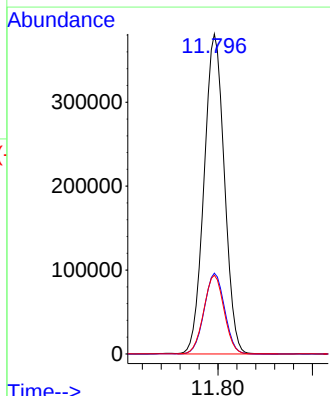
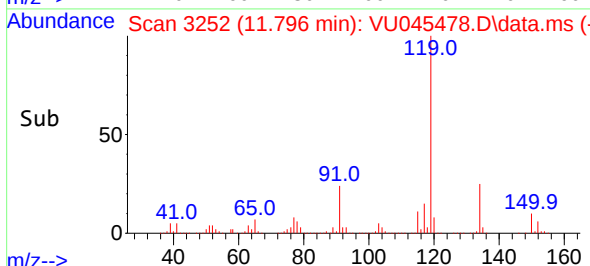
Reviewed By :John Carlone 11/01/2021
 Supervised By :Mahesh Dadoda 11/01/2021

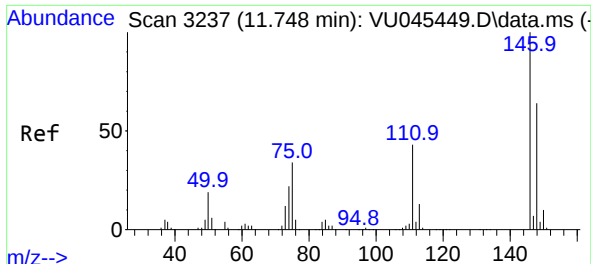


#86
 p-Isopropyltoluene
 Concen: 49.467 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045478.D
 Acq: 29 Oct 2021 20:45



Tgt Ion:119 Resp: 568332
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.411 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

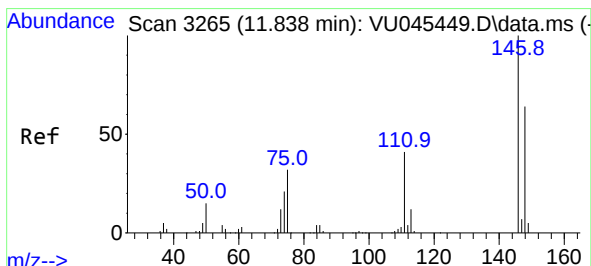
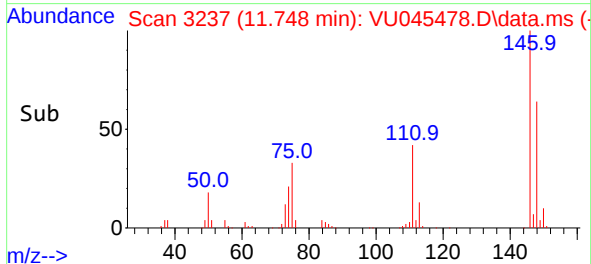
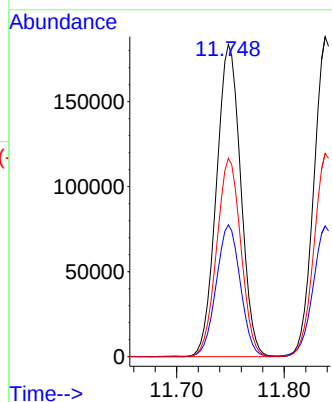
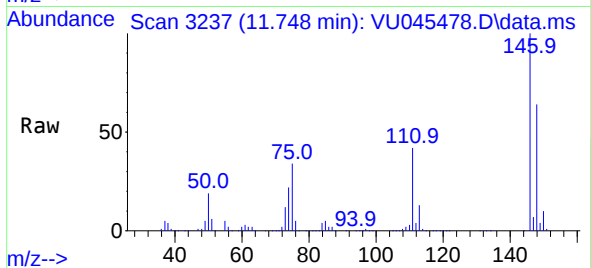
Tgt Ion:146 Resp: 288120
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.9
 148 63.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#88

1,4-Dichlorobenzene

Concen: 50.550 ug/l

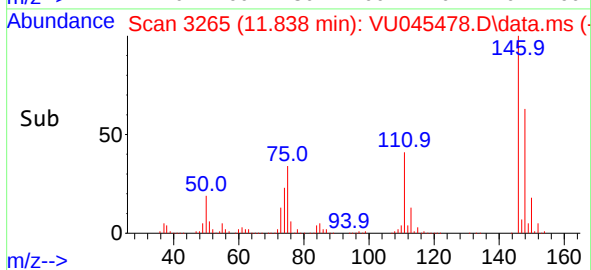
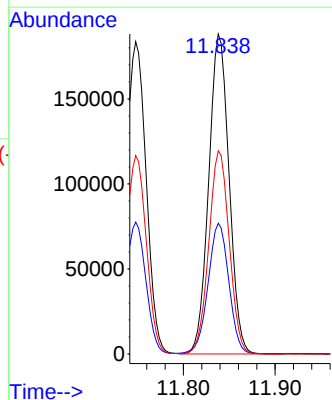
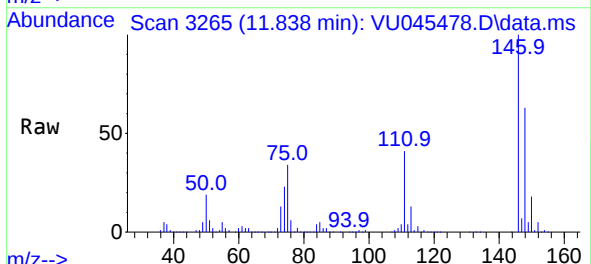
RT: 11.838 min Scan# 3265

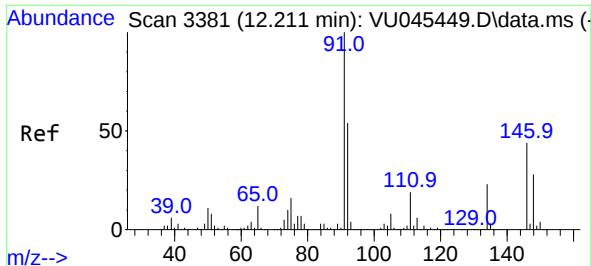
Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

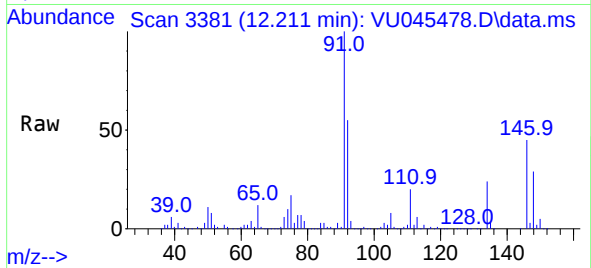
Tgt Ion:146 Resp: 289692
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.9
 148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 48.960 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

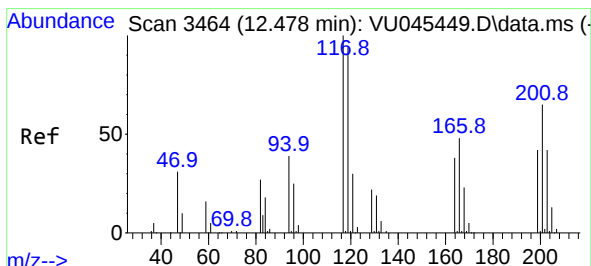
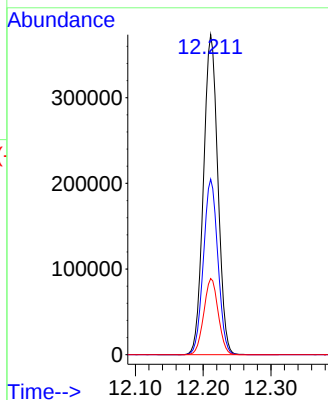
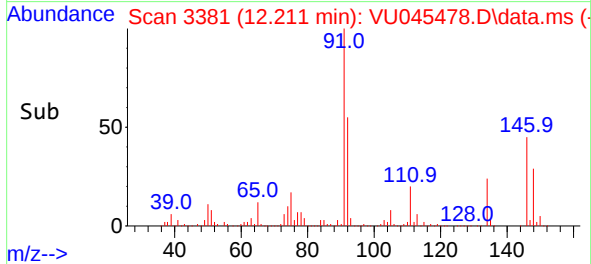
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



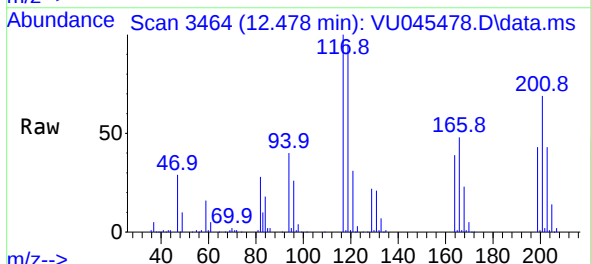
Tgt Ion: 91 Resp: 550358
Ion Ratio Lower Upper
91 100
92 55.0 27.1 81.2
134 23.9 11.8 35.4

Manual Integrations
APPROVED

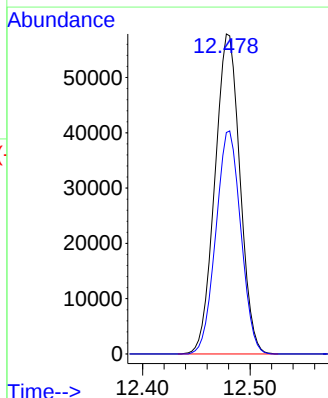
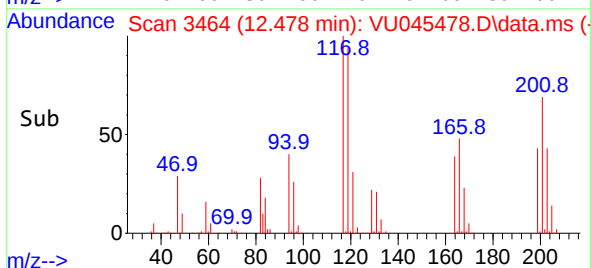
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

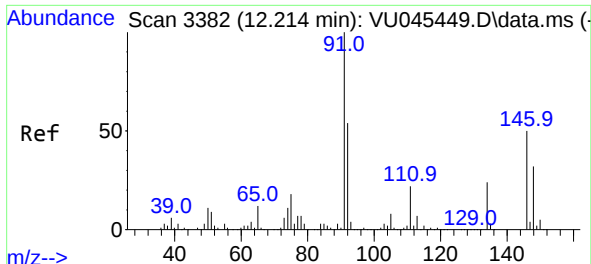


#90
Hexachloroethane
Concen: 50.601 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



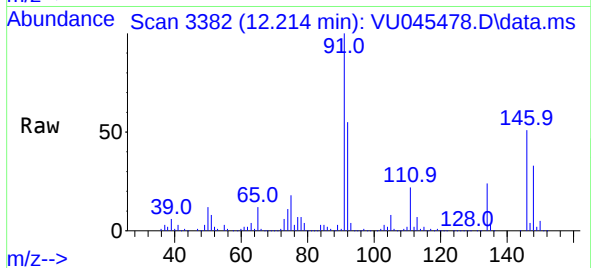
Tgt Ion:117 Resp: 93671
Ion Ratio Lower Upper
117 100
201 69.4 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 50.879 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

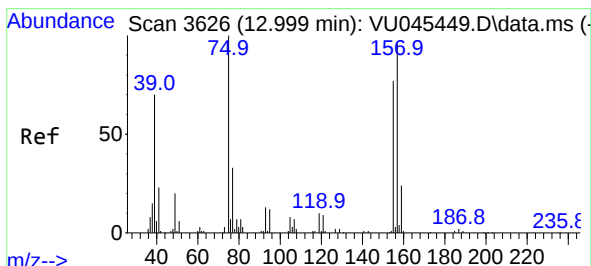
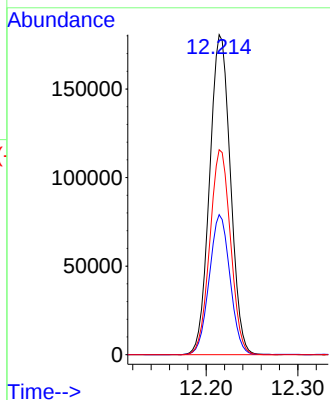
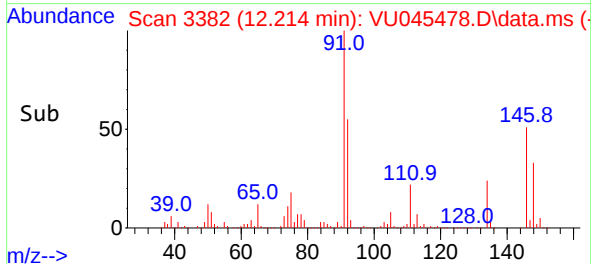
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



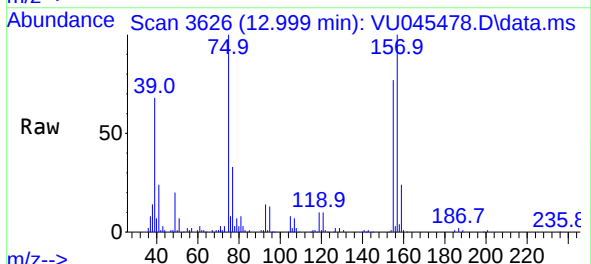
Tgt Ion:146 Resp: 28518
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.5
148 63.8 32.1 96.3

Manual Integrations
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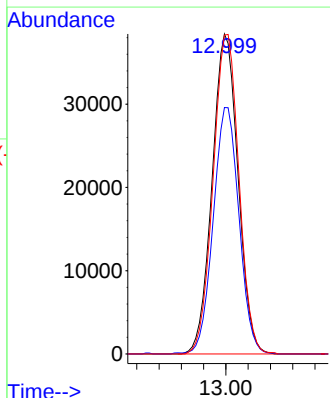
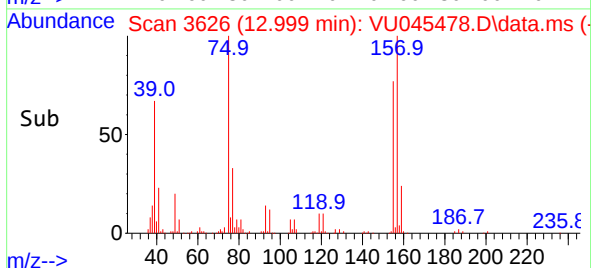
Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021

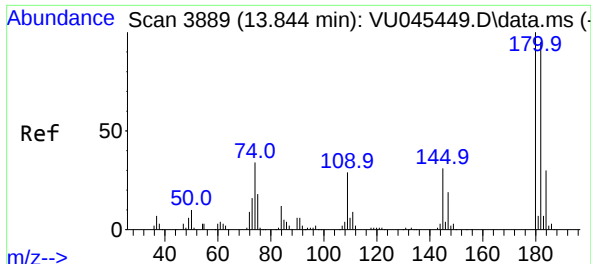


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.453 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion: 75 Resp: 62002
Ion Ratio Lower Upper
75 100
155 76.8 37.8 113.3
157 99.5 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 53.478 ug/l

RT: 13.841 min Scan# 3889

Delta R.T. -0.003 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 200735

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

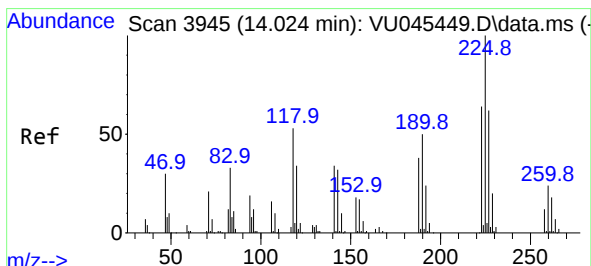
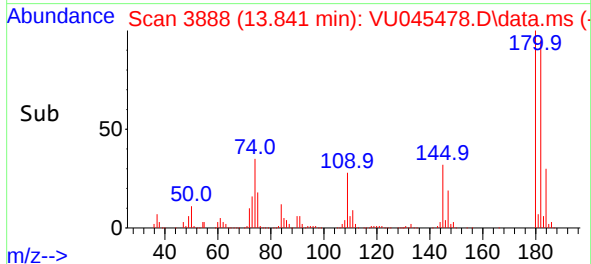
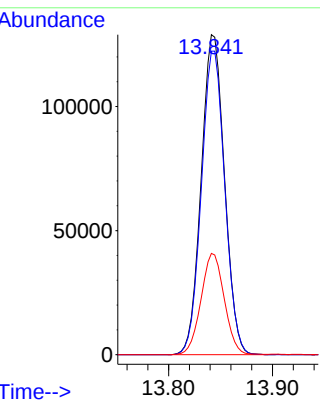
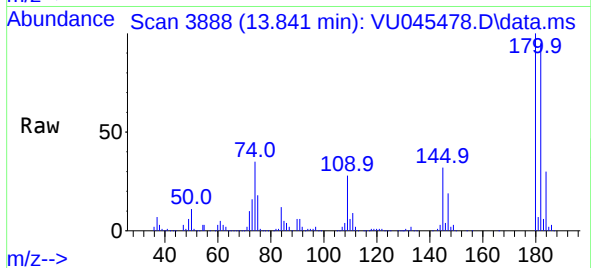
145 31.7 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2021

Supervised By :Mahesh Dadoda 11/01/2021



#94

Hexachlorobutadiene

Concen: 48.170 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. -0.000 min

Lab File: VU045478.D

Acq: 29 Oct 2021 20:45

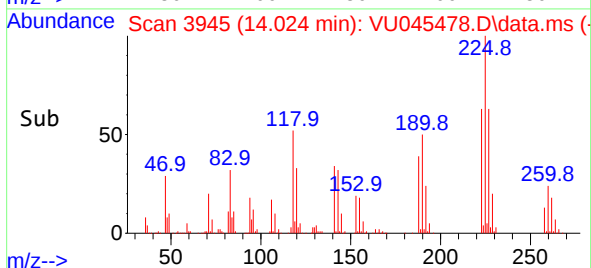
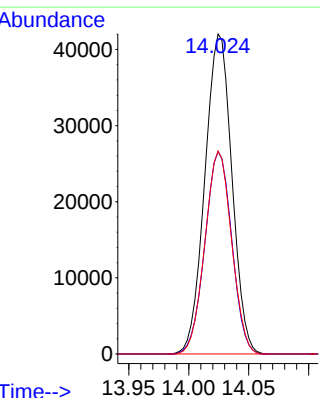
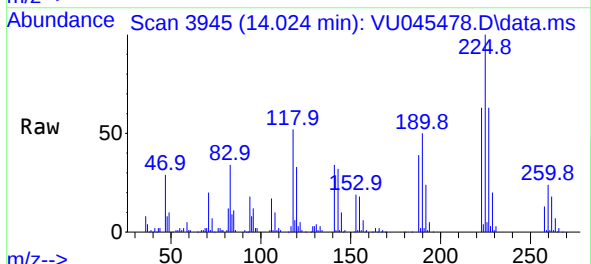
Tgt Ion:225 Resp: 65835

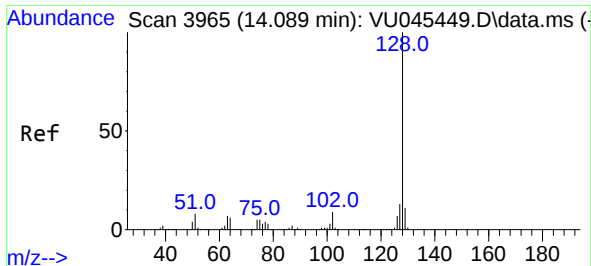
Ion Ratio Lower Upper

225 100

223 62.6 32.0 96.2

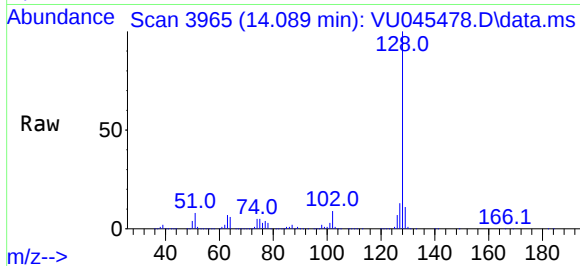
227 62.6 31.1 93.5





#95
Naphthalene
Concen: 51.900 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45

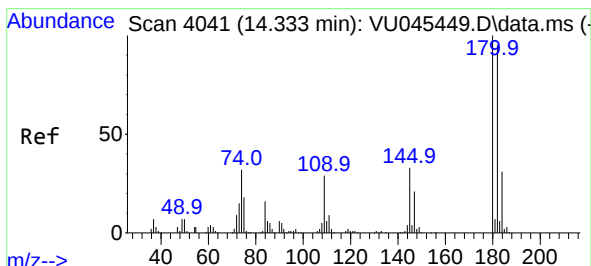
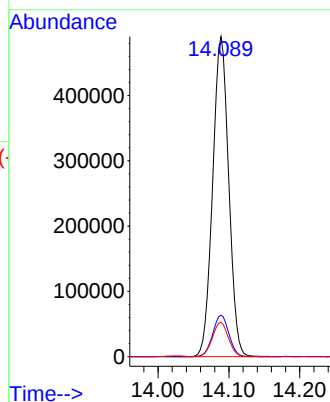
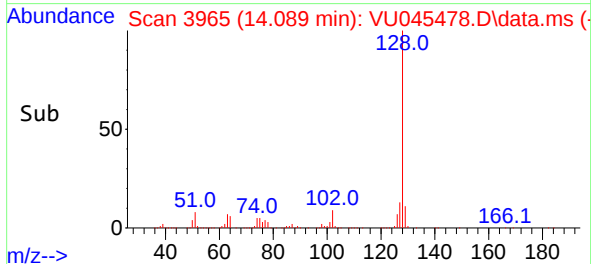
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



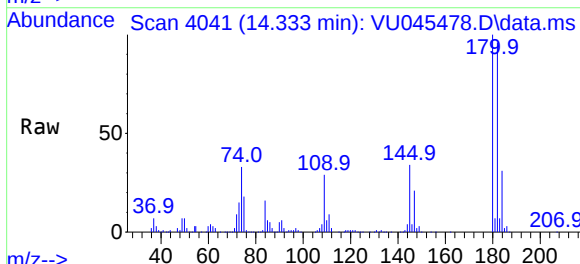
Tgt Ion:128 Resp: 770269
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2021
Supervised By :Mahesh Dadoda 11/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.026 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045478.D
Acq: 29 Oct 2021 20:45



Tgt Ion:180 Resp: 200630
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 34.3 16.7 50.0

