

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045674.D
 Acq On : 09 Nov 2021 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 02:03:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	109190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	202038	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	197018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	103314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	96483	59.002	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.000%#			
35) Dibromofluoromethane	5.292	113	74886	55.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.040%			
50) Toluene-d8	7.899	98	281474	56.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.240%#			
62) 4-Bromofluorobenzene	10.636	95	111932	55.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	80423	56.808	ug/l	99
3) Chloromethane	1.520	50	90208	55.690	ug/l	100
4) Vinyl Chloride	1.604	62	94526	59.906	ug/l	99
5) Bromomethane	1.842	94	57887	65.773	ug/l	100
6) Chloroethane	1.925	64	57124	55.473	ug/l	96
7) Trichlorofluoromethane	2.134	101	121810	58.379	ug/l	99
8) Diethyl Ether	2.376	74	49414	59.827	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	70441	57.815	ug/l	98
10) Methyl Iodide	2.723	142	69124	43.354	ug/l	93
11) Tert butyl alcohol	3.179	59	108424	334.986	ug/l	100
12) 1,1-Dichloroethene	2.578	96	68830	57.297	ug/l	99
13) Acrolein	2.485	56	15375	327.800	ug/l	98
14) Allyl chloride	2.922	41	126928	59.174	ug/l	98
15) Acrylonitrile	3.311	53	270504	313.026	ug/l	99
16) Acetone	2.626	43	214527	257.715	ug/l	99
17) Carbon Disulfide	2.793	76	179533	53.357	ug/l	100
18) Methyl Acetate	2.948	43	175694	61.968	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	264666	61.207	ug/l	99
20) Methylene Chloride	3.047	84	85221	58.919	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	74186	59.361	ug/l	98
22) Diisopropyl ether	3.996	45	265192	62.966	ug/l	92
23) Vinyl Acetate	3.957	43	1030285	318.061	ug/l	99
24) 1,1-Dichloroethane	3.871	63	154286	61.474	ug/l	100
25) 2-Butanone	4.700	43	359243	311.158	ug/l	99
26) 2,2-Dichloropropane	4.668	77	103061	49.555	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	91509	62.342	ug/l	99
28) Bromochloromethane	4.977	49	59932	50.089	ug/l	98
29) Tetrahydrofuran	5.051	42	229839	325.455	ug/l	99
30) Chloroform	5.089	83	152653	61.500	ug/l	100
31) Cyclohexane	5.391	56	133070	55.771	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	128474	60.695	ug/l	98
36) 1,1-Dichloropropene	5.530	75	107230	54.431	ug/l	98
37) Ethyl Acetate	4.803	43	133190	58.856	ug/l	99
38) Carbon Tetrachloride	5.527	117	110009	55.389	ug/l	98
39) Methylcyclohexane	6.764	83	126939	52.523	ug/l	97
40) Benzene	5.777	78	322585	55.308	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	73591	61.536	ug/l	98
42) 1,2-Dichloroethane	5.797	62	121917	57.869	ug/l	99
43) Isopropyl Acetate	5.912	43	201777	58.295	ug/l	99
44) Trichloroethene	6.543	130	85294	61.093	ug/l	100
45) 1,2-Dichloropropane	6.793	63	91299	59.159	ug/l	96
46) Dibromomethane	6.919	93	61725	57.723	ug/l	100
47) Bromodichloromethane	7.108	83	120483	59.381	ug/l	96
48) Methyl methacrylate	6.961	41	97861	61.426	ug/l	98
49) 1,4-Dioxane	6.964	88	52665	1285.442	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	692738	303.394	ug/l	99
52) Toluene	7.973	92	206548	57.843	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	129506	55.538	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	141877	57.283	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	86833	58.674	ug/l	98
56) Ethyl methacrylate	8.337	69	139982	52.602	ug/l	97
57) 1,3-Dichloropropane	8.578	76	152452	57.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	317398	232.959	ug/l	99
59) 2-Hexanone	8.687	43	534762	268.584	ug/l	99
60) Dibromochloromethane	8.813	129	90558	58.765	ug/l	99
61) 1,2-Dibromoethane	8.925	107	91122	57.409	ug/l	98
64) Tetrachloroethene	8.555	164	66655	58.945	ug/l	99
65) Chlorobenzene	9.449	112	215386	55.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	77831	56.390	ug/l	98
67) Ethyl Benzene	9.571	91	393008	56.708	ug/l	100
68) m/p-Xylenes	9.697	106	303631	116.170	ug/l	99
69) o-Xylene	10.102	106	148637	58.495	ug/l	99
70) Styrene	10.115	104	253463	58.961	ug/l	99
71) Bromoform	10.295	173	66299	50.704	ug/l #	99
73) Isopropylbenzene	10.488	105	389952	57.767	ug/l	100
74) N-amyl acetate	10.321	43	176201	57.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	150428	56.245	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	138801m	44.302	ug/l	
77) Bromobenzene	10.784	156	92491	56.433	ug/l	97
78) n-propylbenzene	10.909	91	472053	56.186	ug/l	100
79) 2-Chlorotoluene	10.989	91	280003	56.410	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	335800	56.935	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	41787	44.070	ug/l	98
82) 4-Chlorotoluene	11.099	91	324441	55.734	ug/l	99
83) tert-Butylbenzene	11.423	119	325972	57.979	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	338687	57.779	ug/l	100
85) sec-Butylbenzene	11.645	105	425708	57.093	ug/l	100
86) p-Isopropyltoluene	11.796	119	348528	55.935	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	175918	53.198	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	176620	52.808	ug/l	99
89) n-Butylbenzene	12.211	91	319382	53.211	ug/l	99
90) Hexachloroethane	12.478	117	61111	54.367	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	175744	54.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	35939	56.949	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	114684	51.554	ug/l	99
94) Hexachlorobutadiene	14.025	225	46531	48.457	ug/l	99
95) Naphthalene	14.089	128	435841	52.072	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	120081	54.346	ug/l	98

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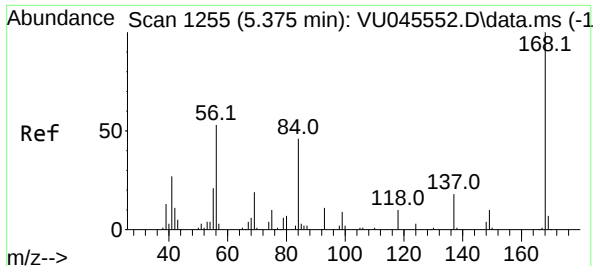
Manual Integrations
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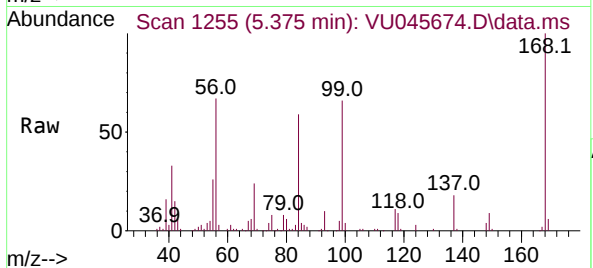
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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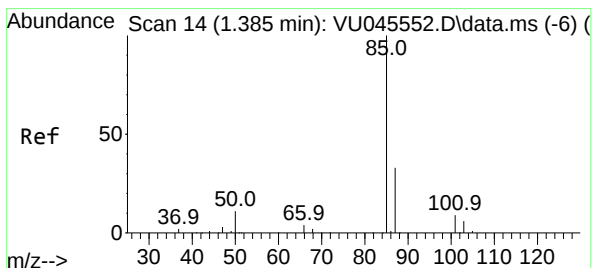
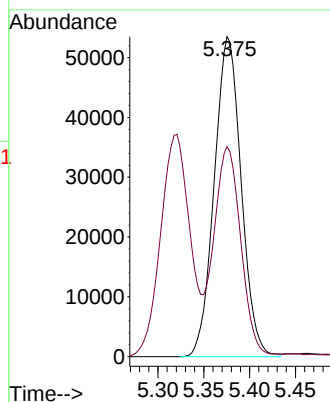
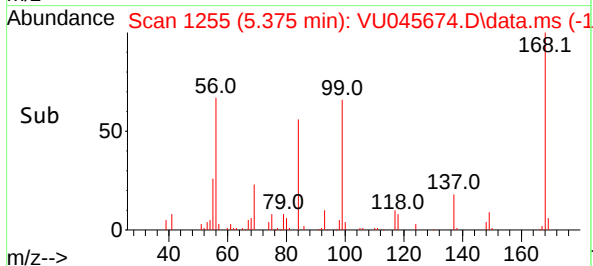
Instrument :
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Tgt Ion:168 Resp: 109190
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.6

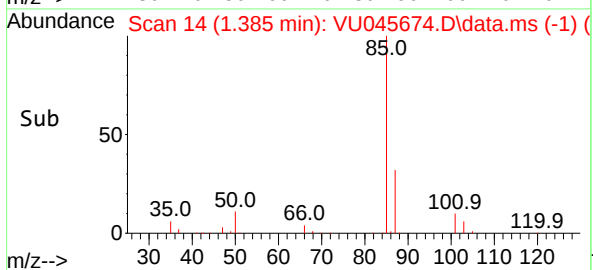
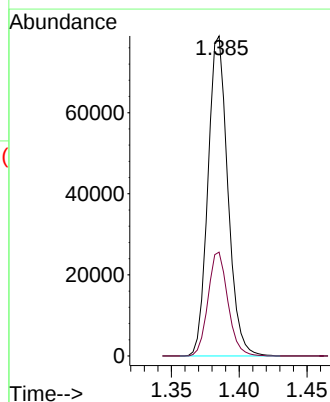
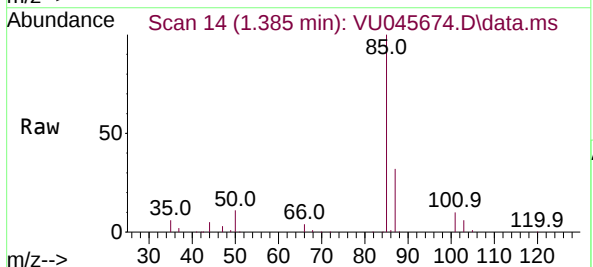
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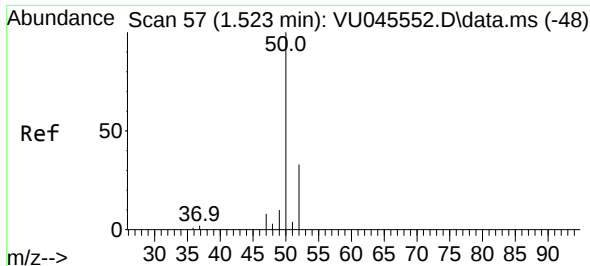
Reviewed By :John Carlone 11/10/2021
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#2
Dichlorodifluoromethane
Concen: 56.808 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

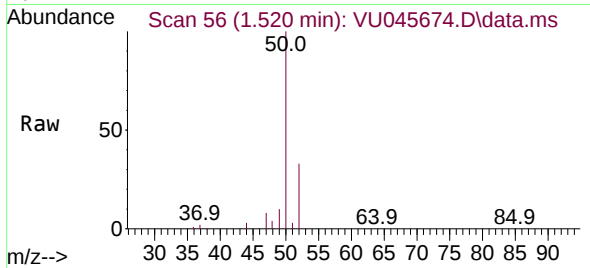
Tgt Ion: 85 Resp: 80423
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.7





#3
Chloromethane
Concen: 55.690 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

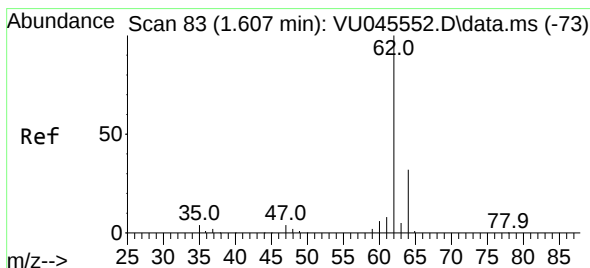
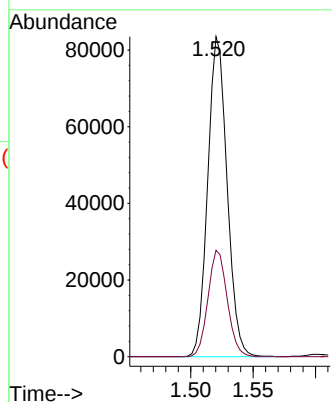
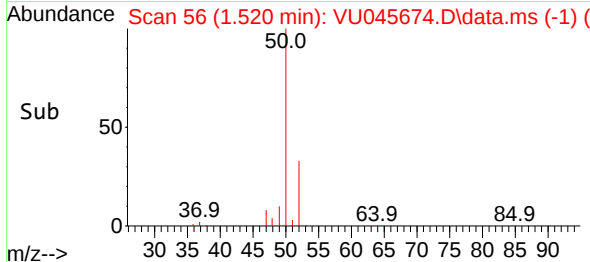
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Tgt Ion: 50 Resp: 90208
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0

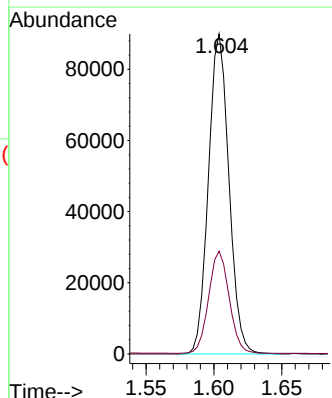
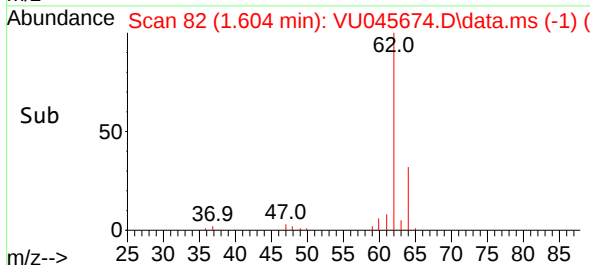
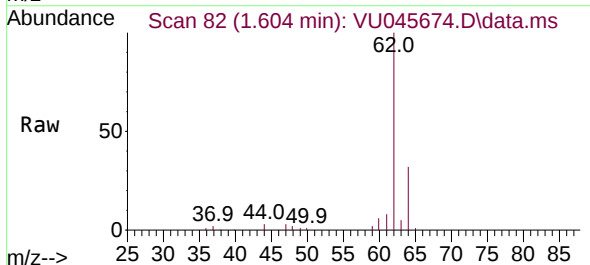
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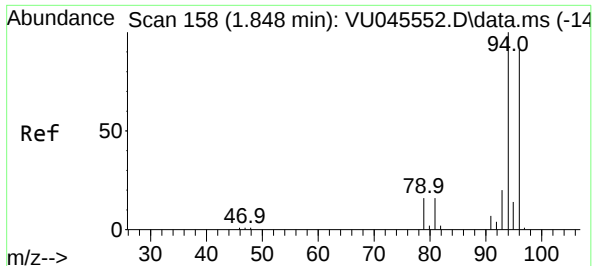
Reviewed By :John Carlone 11/10/2021
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#4
Vinyl Chloride
Concen: 59.906 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 62 Resp: 94526
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





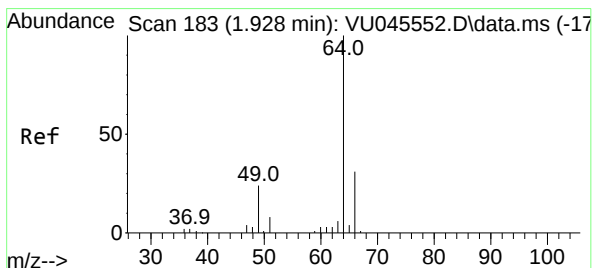
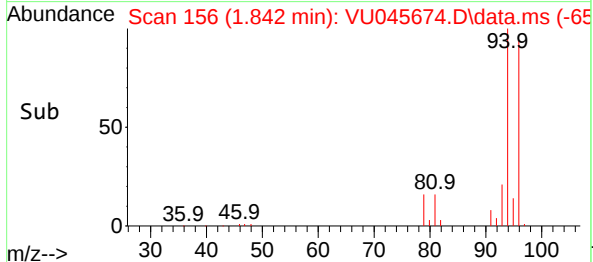
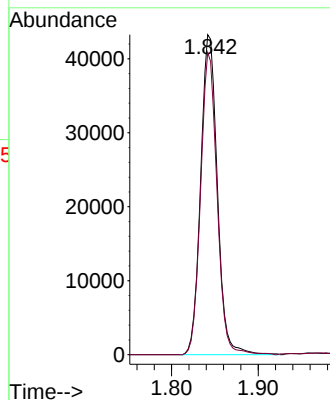
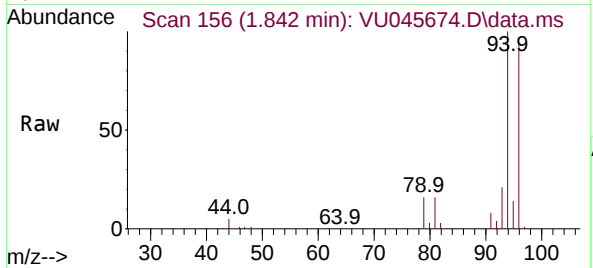
#5
Bromomethane
Concen: 65.773 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045674.D
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Tgt Ion: 94 Resp: 5788
Ion Ratio Lower Upper
94 100
96 94.5 75.4 113.2

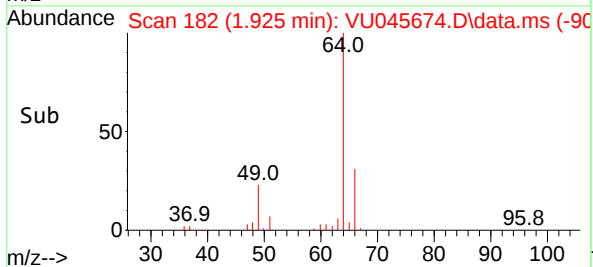
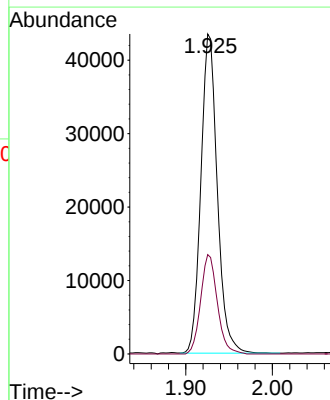
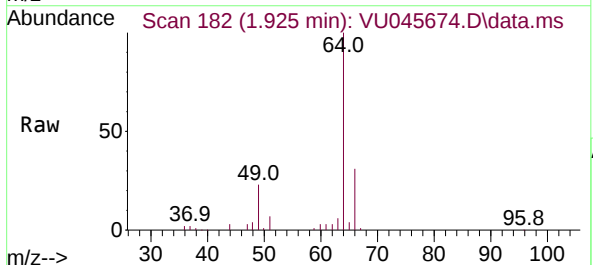
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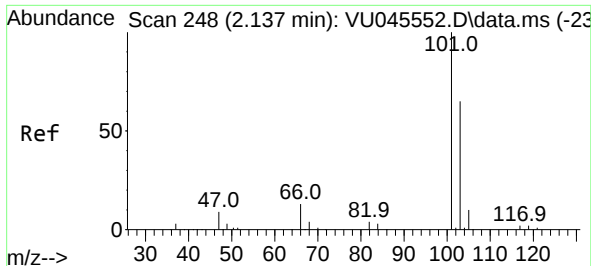
Reviewed By :John Carlone 11/10/2021
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#6
Chloroethane
Concen: 55.473 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045674.D
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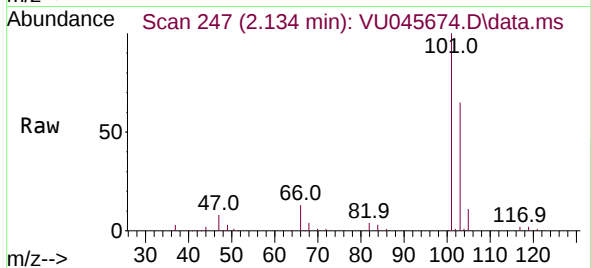
Tgt Ion: 64 Resp: 57124
Ion Ratio Lower Upper
64 100
66 31.2 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 58.379 ug/l
 RT: 2.134 min Scan# 247
 Delta R.T. -0.003 min
 Lab File: VU045674.D
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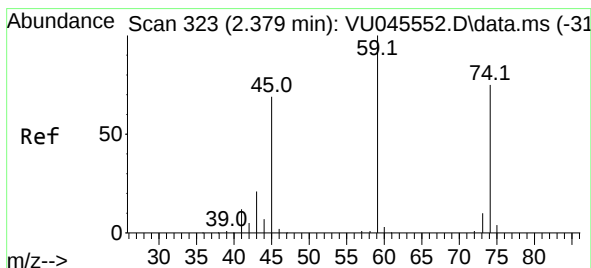
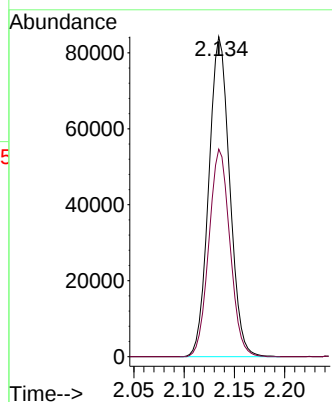
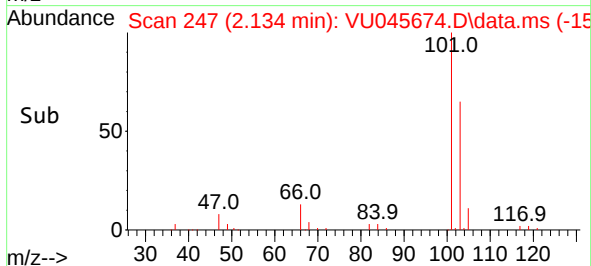
Instrument :
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Tgt Ion:101 Resp: 121810
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

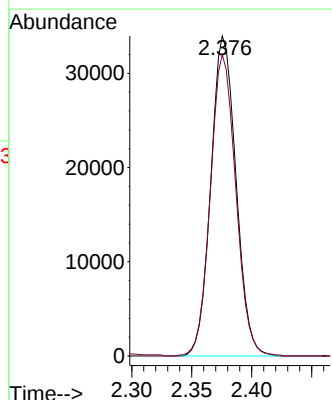
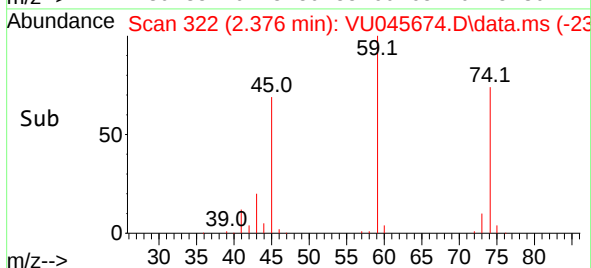
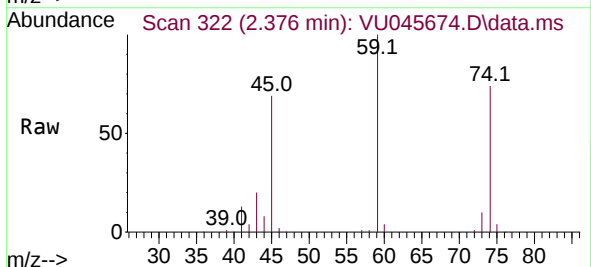
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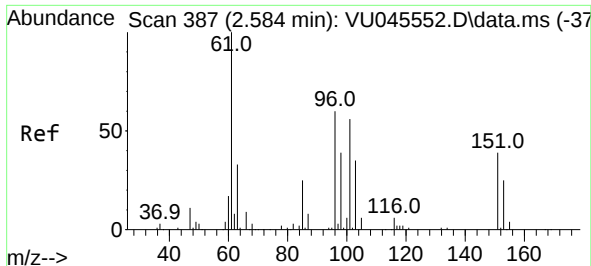
Reviewed By :John Carlone 11/10/2021
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#8
 Diethyl Ether
 Concen: 59.827 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 49414
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.3 141.8





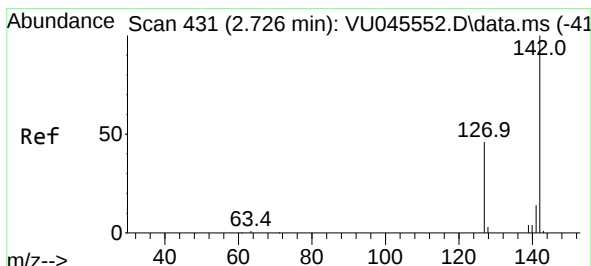
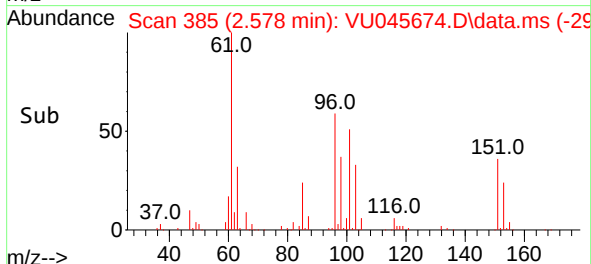
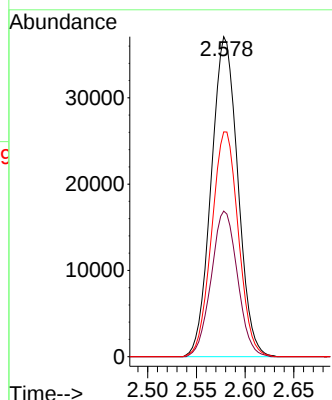
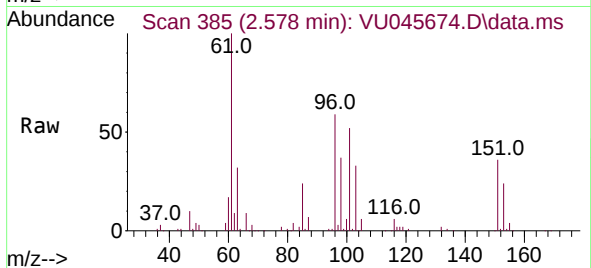
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.815 ug/l
RT: 2.578 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7044
Ion Ratio Lower Upper
101 100
85 44.9 35.0 52.4
151 70.6 54.6 82.0

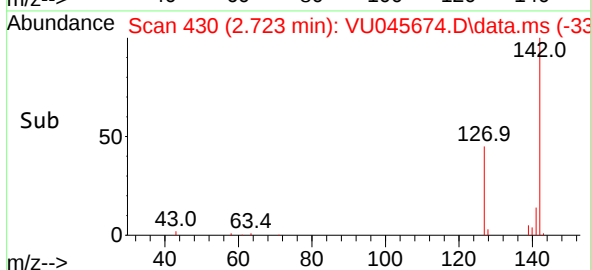
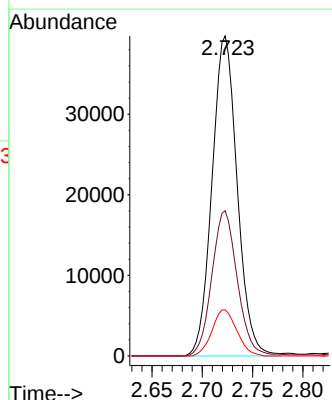
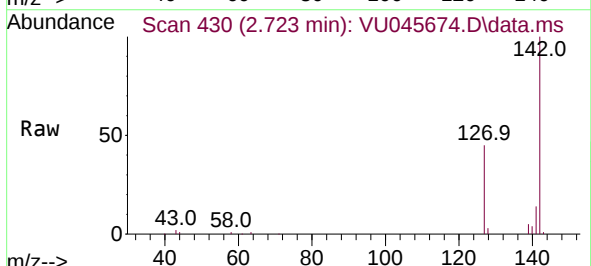
Manual Integrations
APPROVED

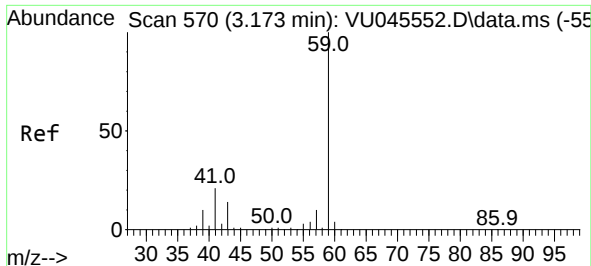
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 43.354 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

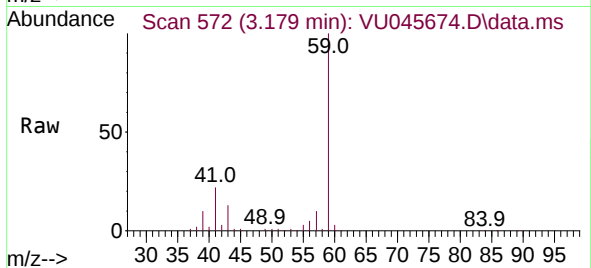
Tgt Ion:142 Resp: 69124
Ion Ratio Lower Upper
142 100
127 46.1 32.2 48.2
141 14.3 11.3 16.9





#11
Tert butyl alcohol
Concen: 334.986 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

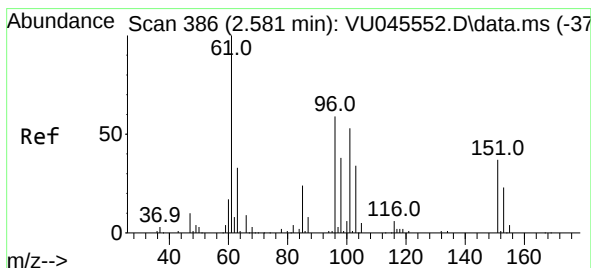
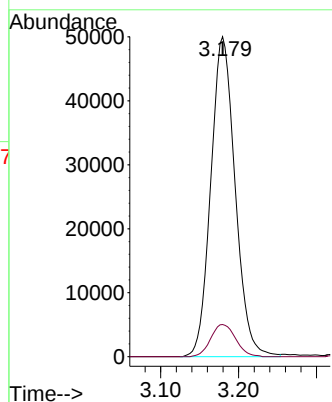
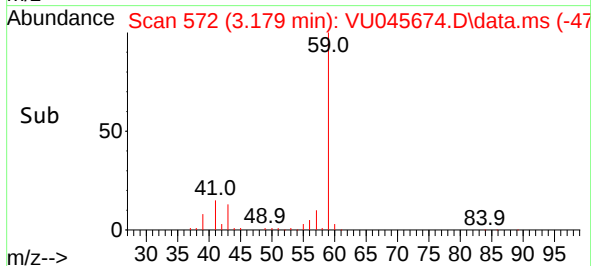
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 108424
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

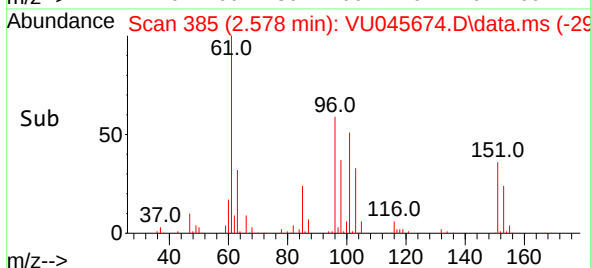
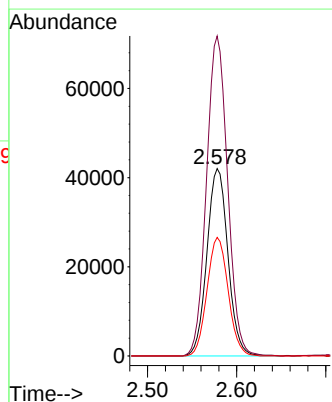
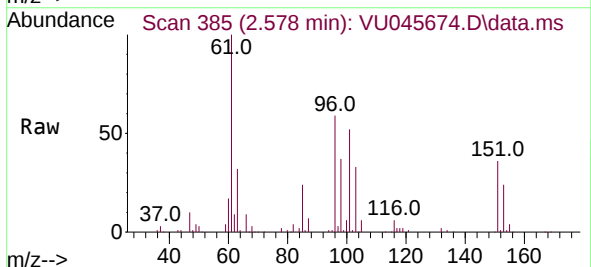
Manual Integrations
APPROVED

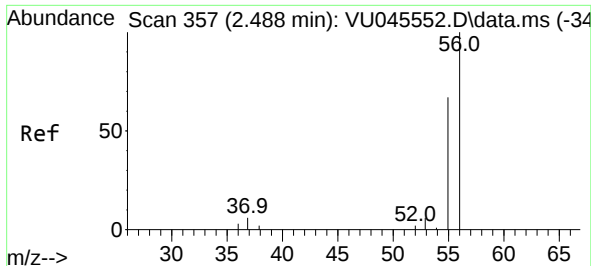
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 57.297 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 96 Resp: 68830
Ion Ratio Lower Upper
96 100
61 170.7 137.1 205.7
98 63.2 51.5 77.3





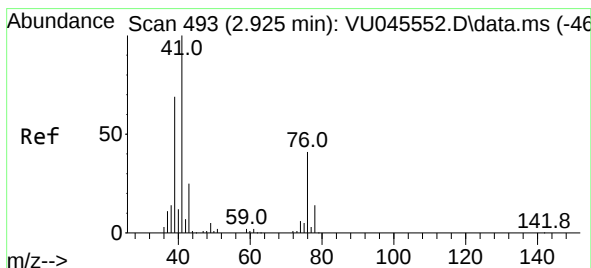
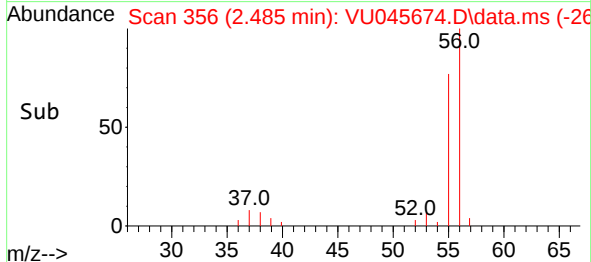
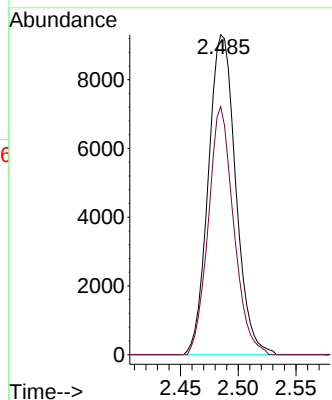
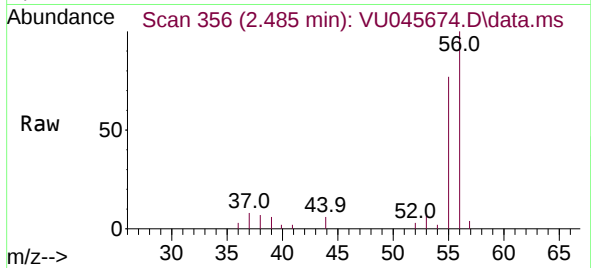
#13
Acrolein
Concen: 327.800 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 15379
Ion Ratio Lower Upper
56 100
55 71.6 56.3 84.5

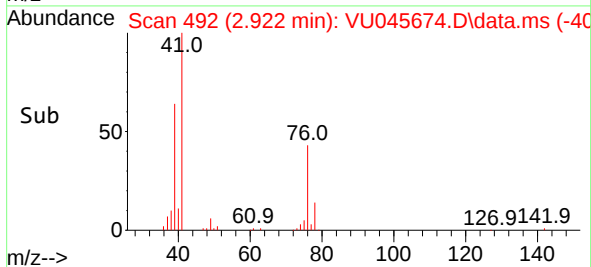
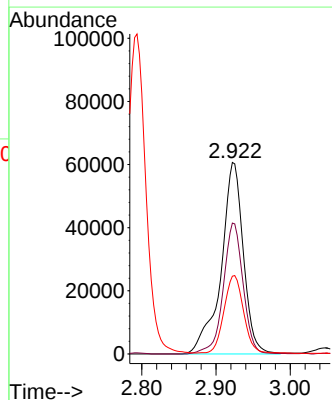
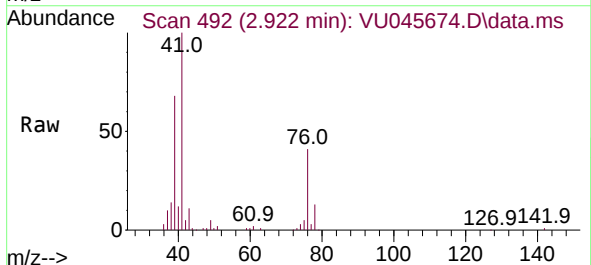
Manual Integrations
APPROVED

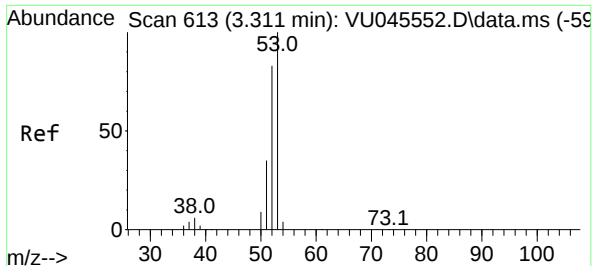
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 59.174 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

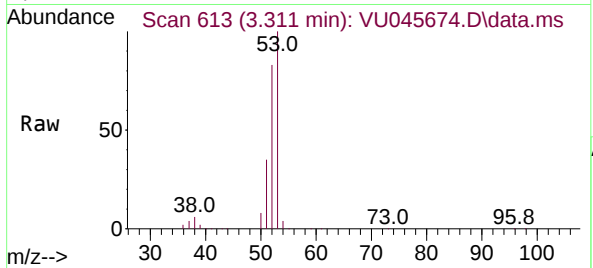
Tgt Ion: 41 Resp: 126928
Ion Ratio Lower Upper
41 100
39 60.7 49.7 74.5
76 36.0 27.7 41.5





#15
Acrylonitrile
Concen: 313.026 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

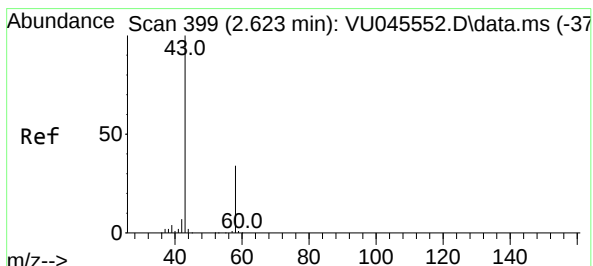
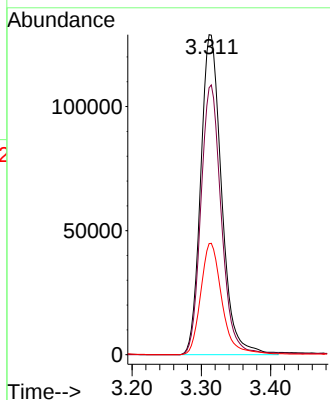
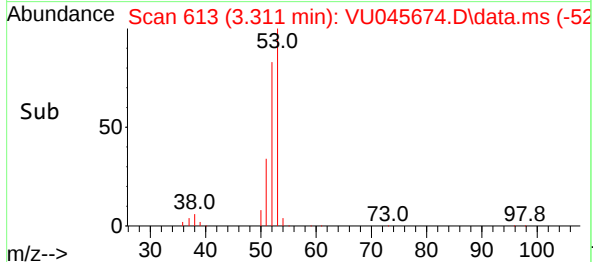
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 270504
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 35.5 28.4 42.6

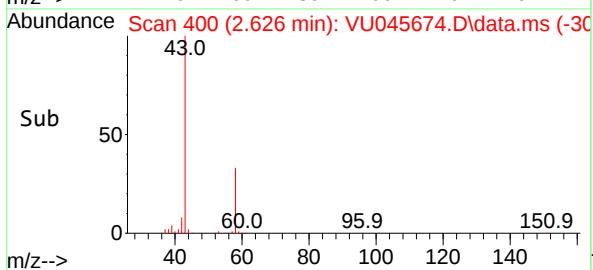
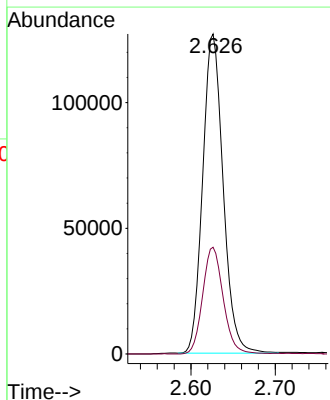
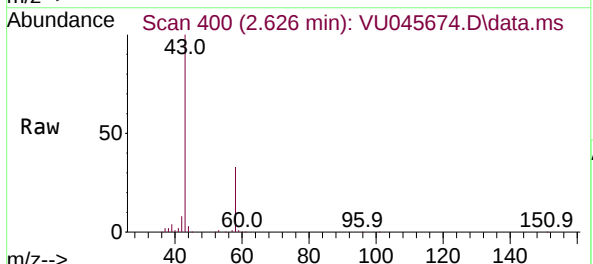
Manual Integrations
APPROVED

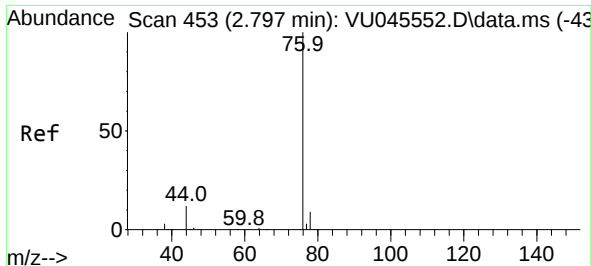
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 257.715 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

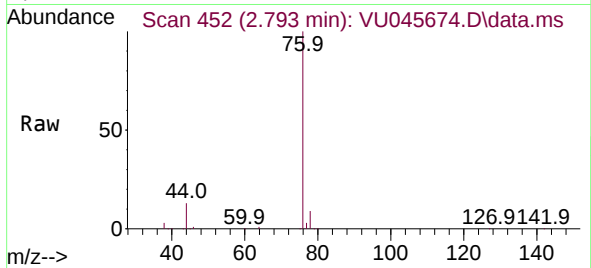
Tgt Ion: 43 Resp: 214527
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.2





#17
Carbon Disulfide
Concen: 53.357 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

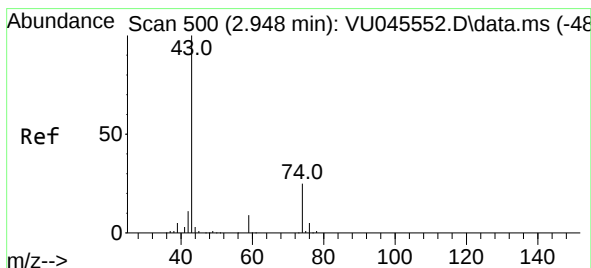
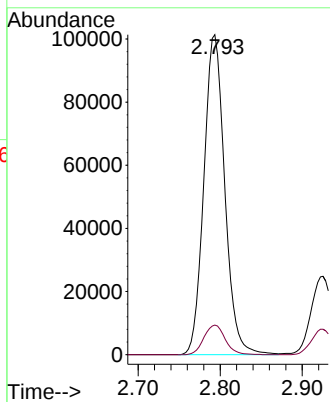
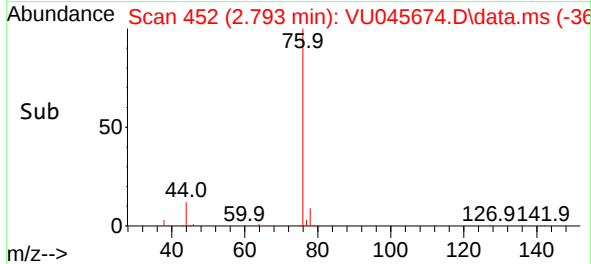
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 17953
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

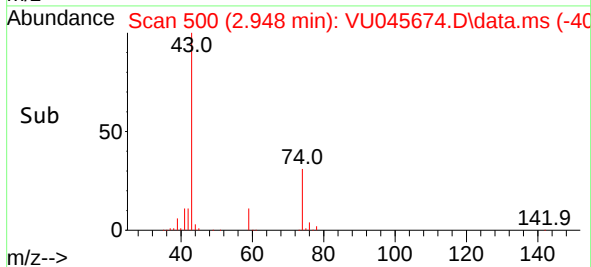
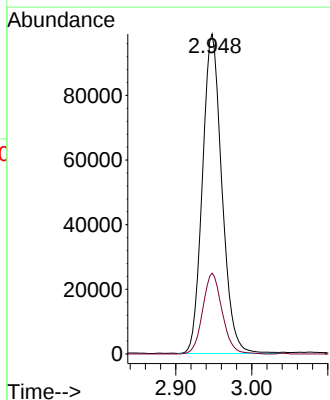
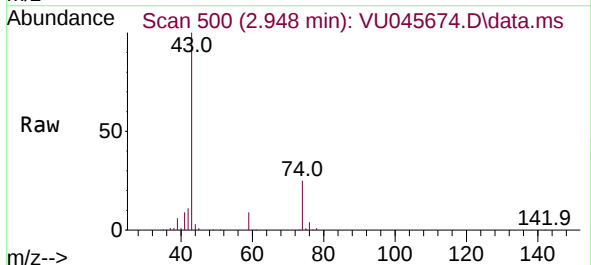
Manual Integrations
APPROVED

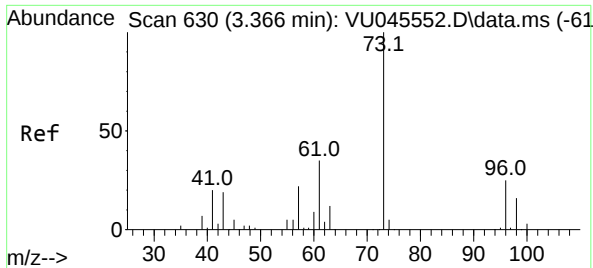
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 61.968 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

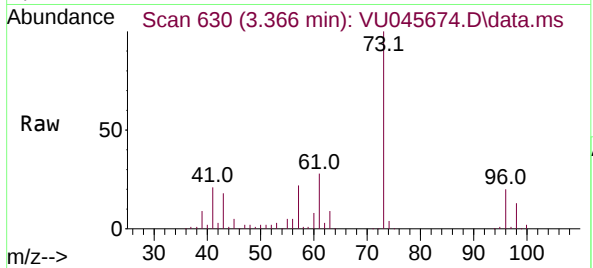
Tgt Ion: 43 Resp: 175694
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 61.207 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

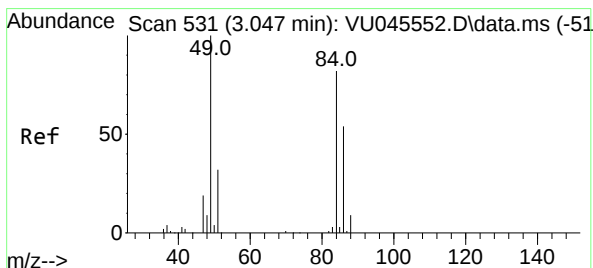
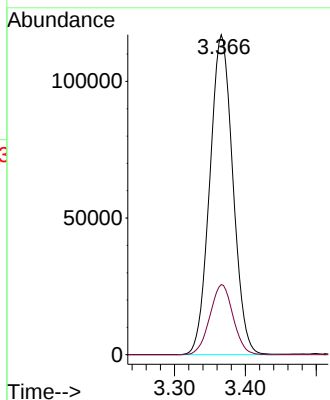
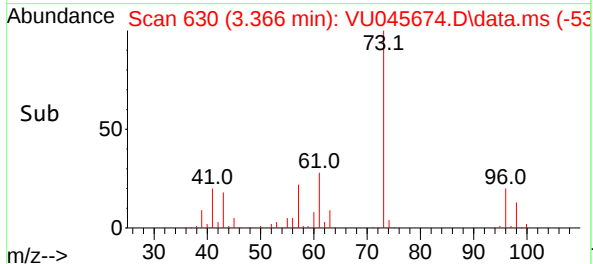
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 26466
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1

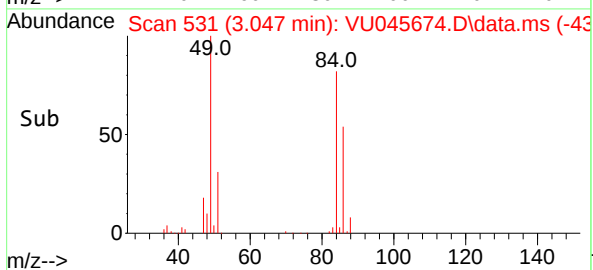
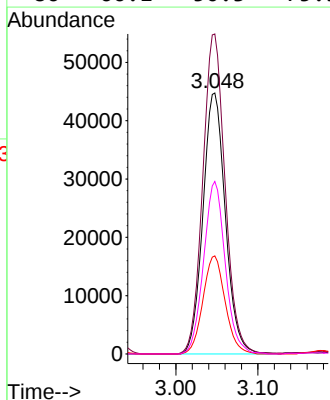
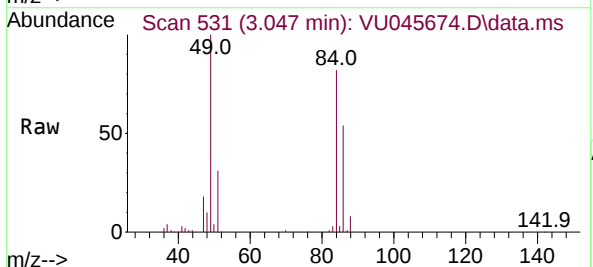
Manual Integrations
APPROVED

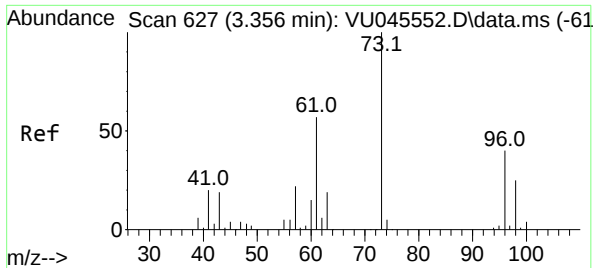
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 58.919 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

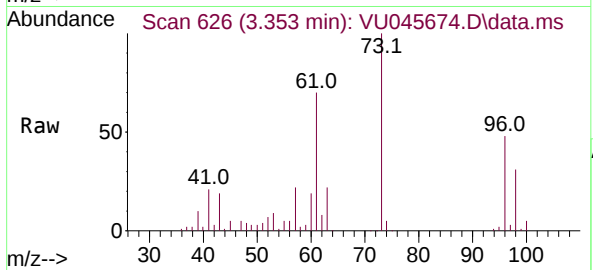
Tgt Ion: 84 Resp: 85221
Ion Ratio Lower Upper
84 100
49 122.6 96.4 144.6
51 37.6 30.5 45.7
86 66.1 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 59.361 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

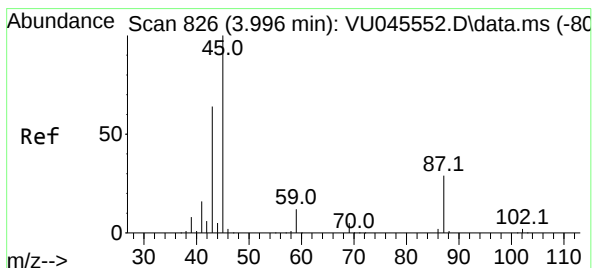
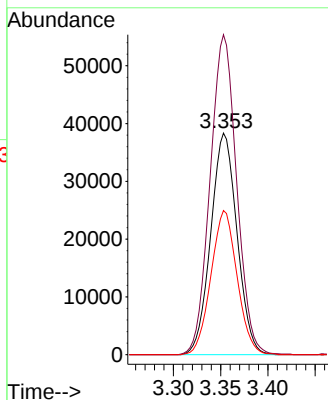
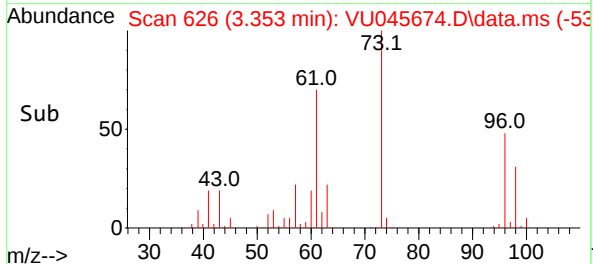
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



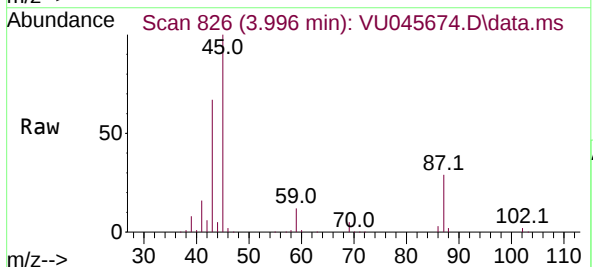
Tgt Ion: 96 Resp: 74180
Ion Ratio Lower Upper
96 100
61 144.4 118.2 177.4
98 65.0 52.1 78.1

Manual Integrations
APPROVED

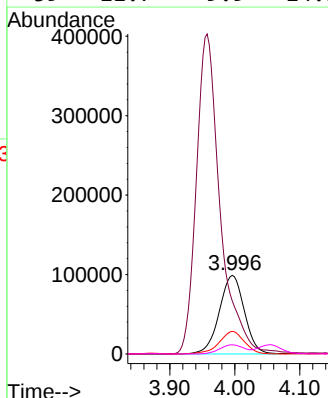
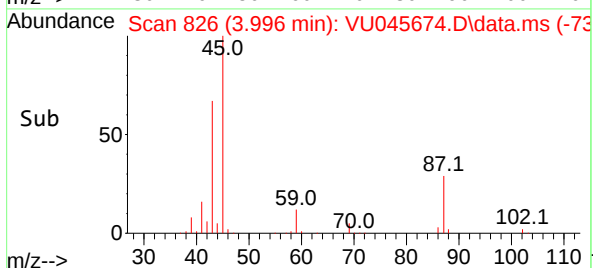
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

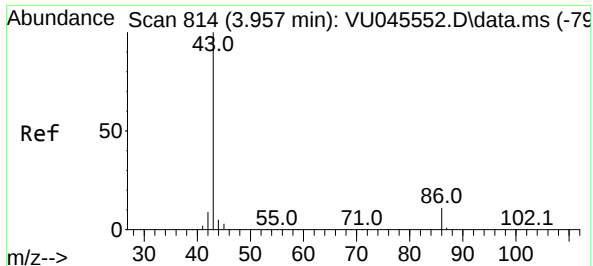


#22
Diisopropyl ether
Concen: 62.966 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19



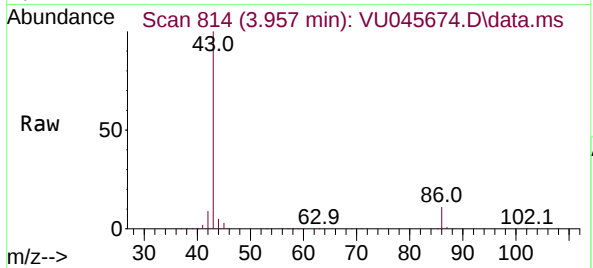
Tgt Ion: 45 Resp: 265192
Ion Ratio Lower Upper
45 100
43 65.5 60.0 90.0
87 28.8 22.3 33.5
59 11.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 318.061 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045674.D
 Acq: 09 Nov 2021 21:19

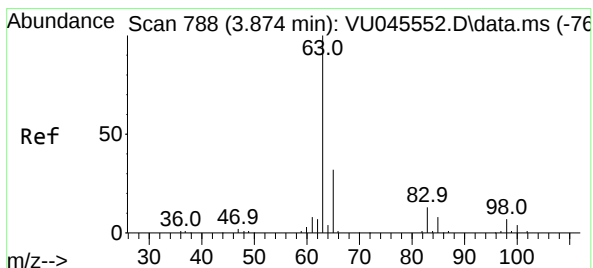
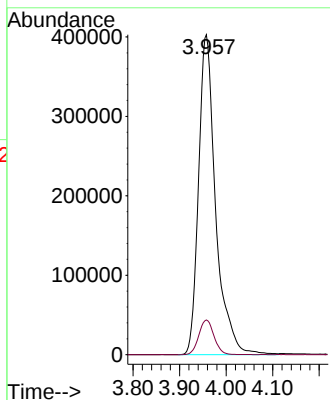
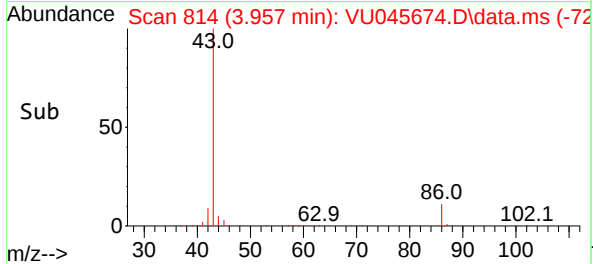
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



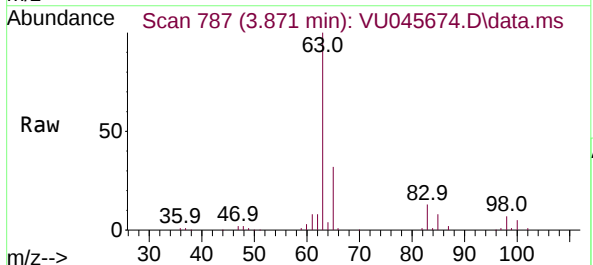
Tgt Ion: 43 Resp: 103028
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3

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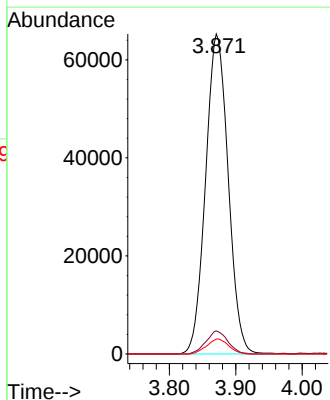
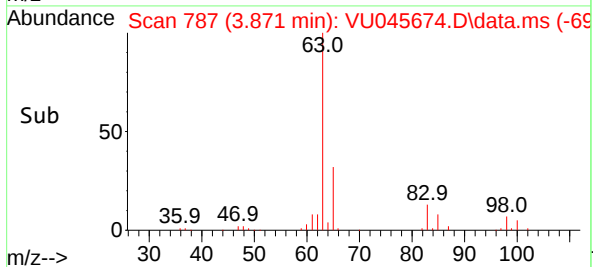
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

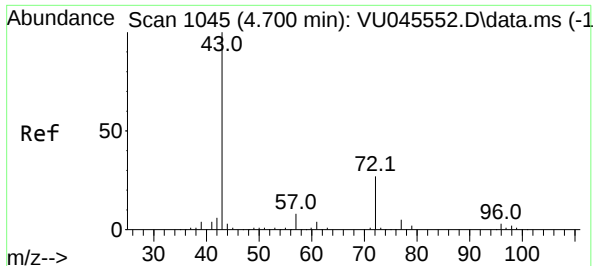


#24
 1,1-Dichloroethane
 Concen: 61.474 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045674.D
 Acq: 09 Nov 2021 21:19



Tgt Ion: 63 Resp: 154286
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 311.158 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 35924

Ion Ratio Lower Upper

43 100

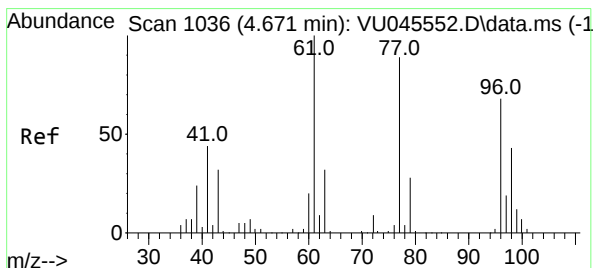
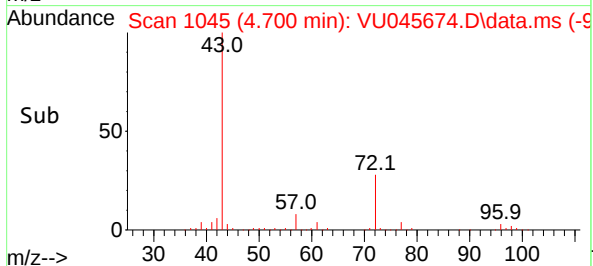
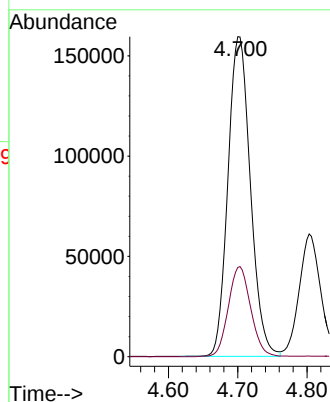
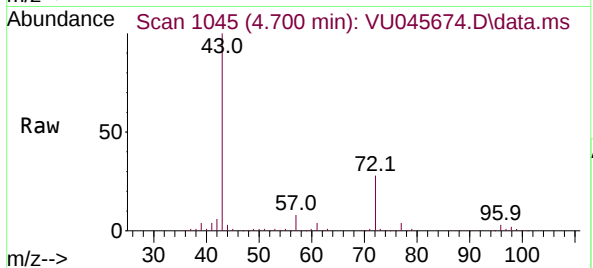
72 27.9 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 49.555 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045674.D

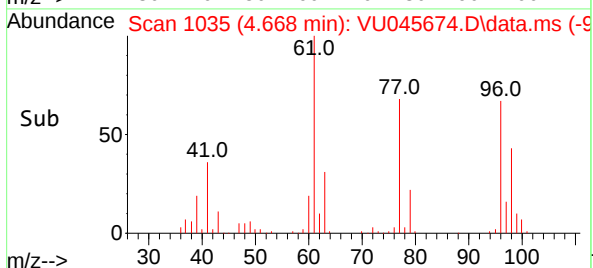
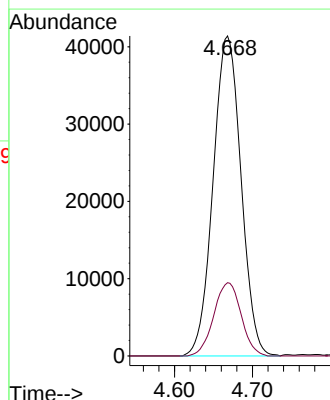
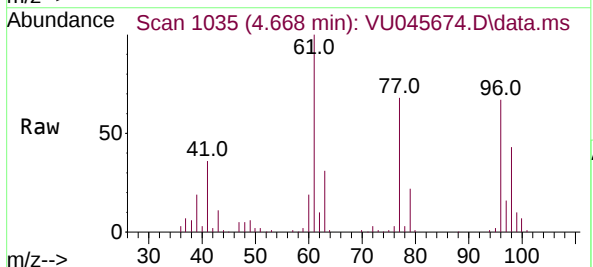
Acq: 09 Nov 2021 21:19

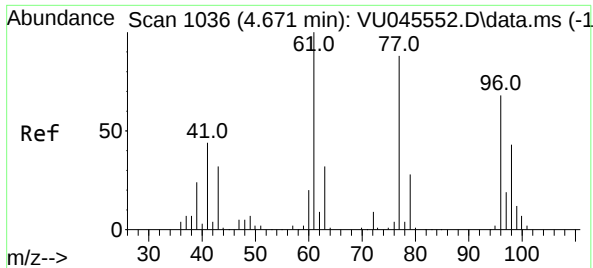
Tgt Ion: 77 Resp: 103061

Ion Ratio Lower Upper

77 100

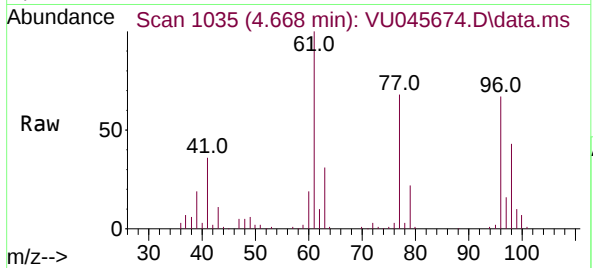
97 22.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 62.342 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045674.D
 Acq: 09 Nov 2021 21:19

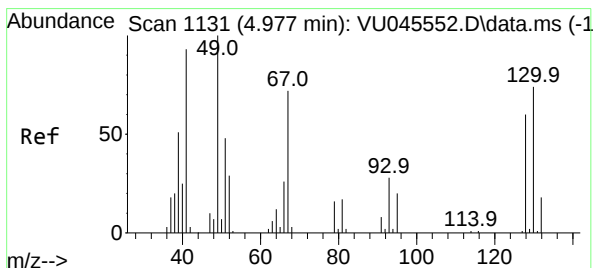
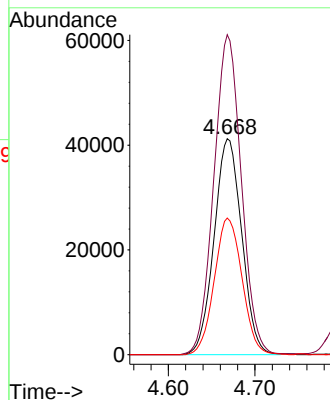
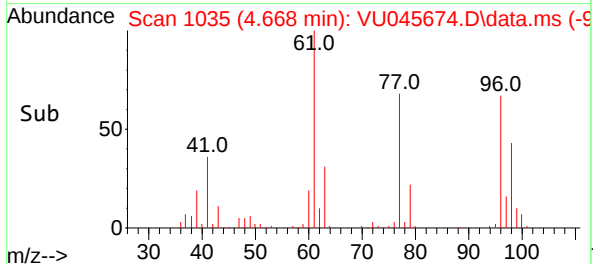
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



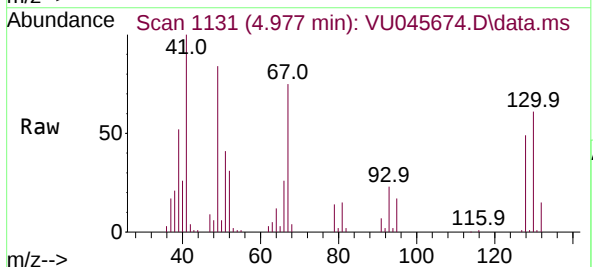
Tgt Ion: 96 Resp: 91509
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 299.2
 98 63.5 0.0 127.6

Manual Integrations
 APPROVED

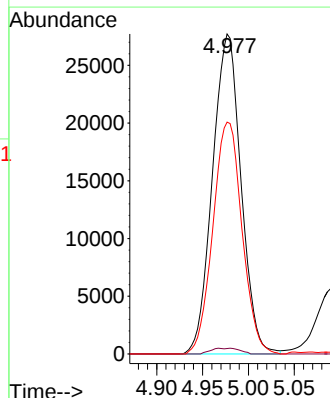
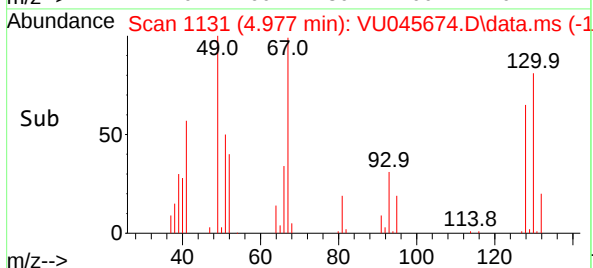
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

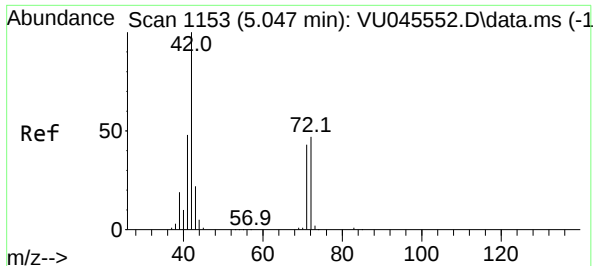


#28
 Bromochloromethane
 Concen: 50.089 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045674.D
 Acq: 09 Nov 2021 21:19



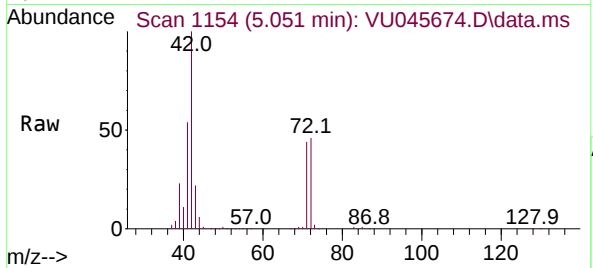
Tgt Ion: 49 Resp: 59932
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.4
 130 73.9 57.5 86.3





#29
Tetrahydrofuran
Concen: 325.455 ug/l
RT: 5.051 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

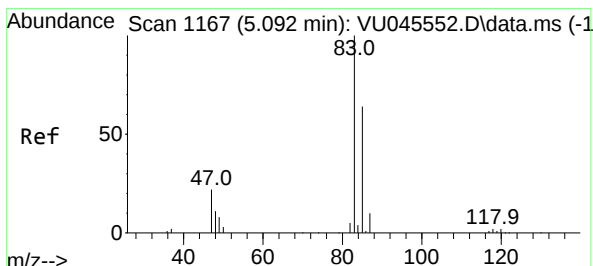
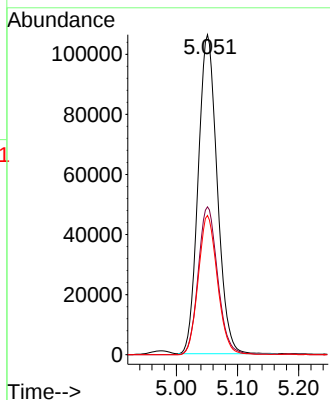
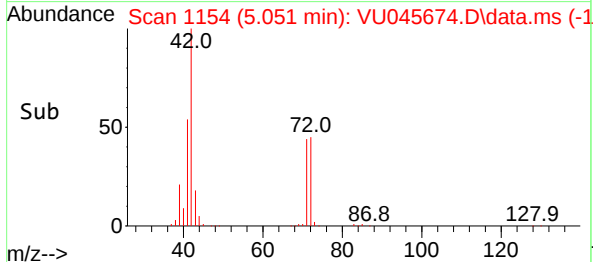
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 229839
Ion Ratio Lower Upper
42 100
72 47.5 38.2 57.4
71 43.9 35.4 53.2

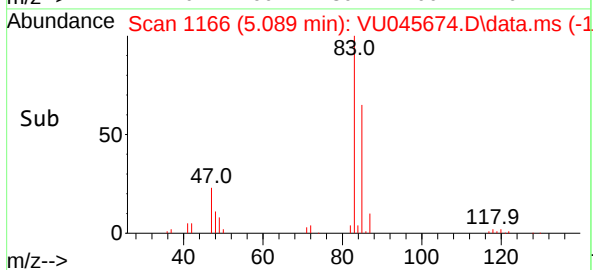
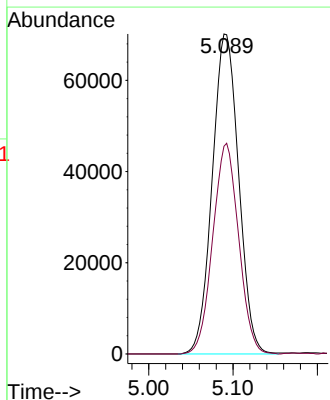
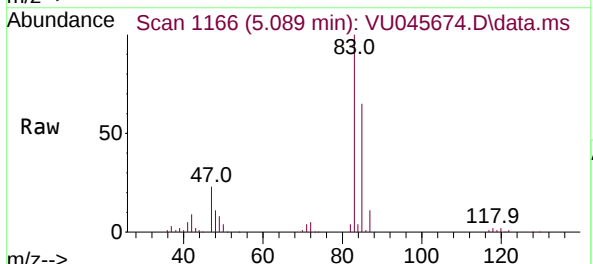
Manual Integrations
APPROVED

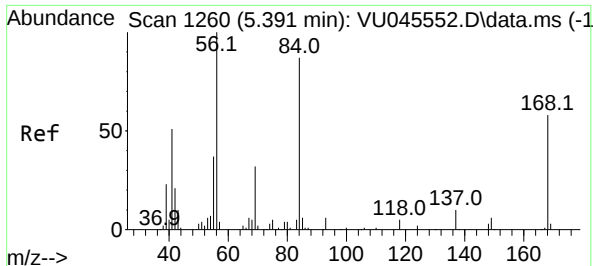
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#30
Chloroform
Concen: 61.500 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

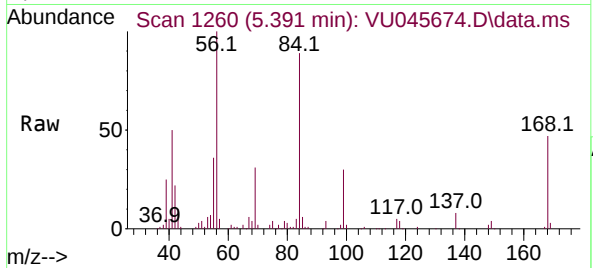
Tgt Ion: 83 Resp: 152653
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0





#31
Cyclohexane
Concen: 55.771 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

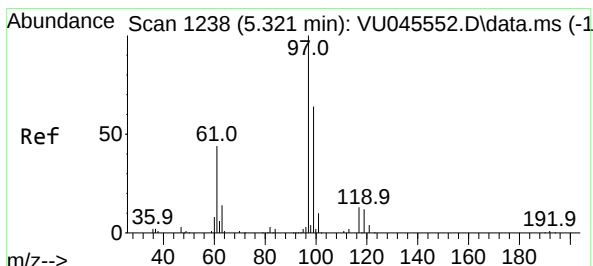
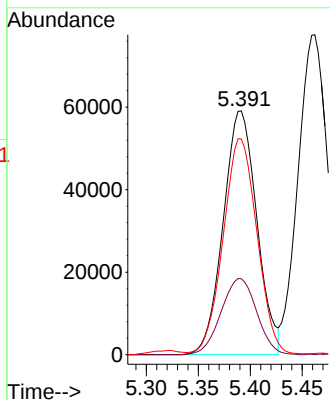
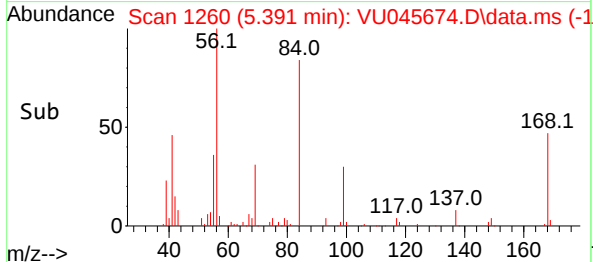
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



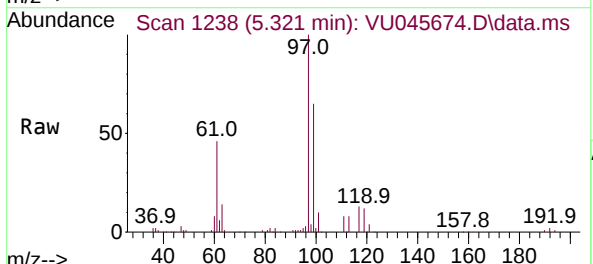
Tgt Ion: 56 Resp: 133070
Ion Ratio Lower Upper
56 100
69 31.2 26.4 39.6
84 87.3 68.4 102.6

Manual Integrations
APPROVED

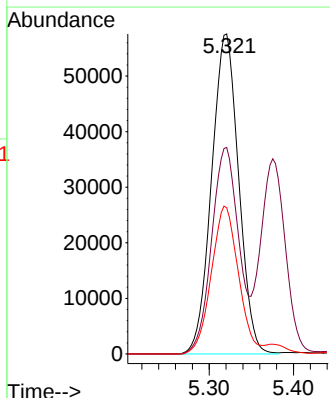
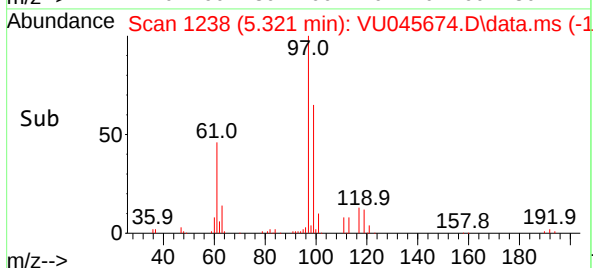
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

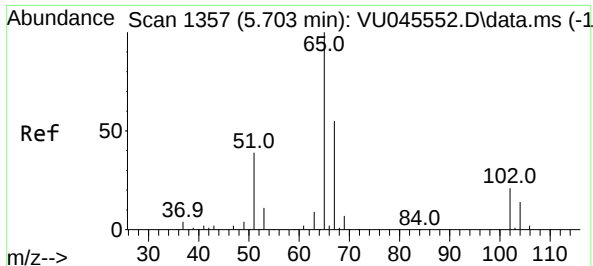


#32
1,1,1-Trichloroethane
Concen: 60.695 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19



Tgt Ion: 97 Resp: 128474
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 46.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 59.002 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9648

Ion Ratio Lower Upper

65 100

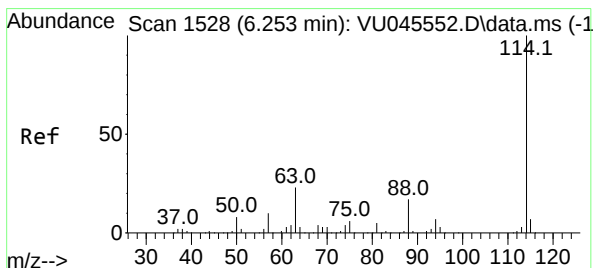
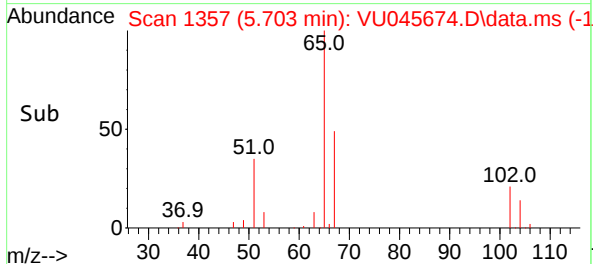
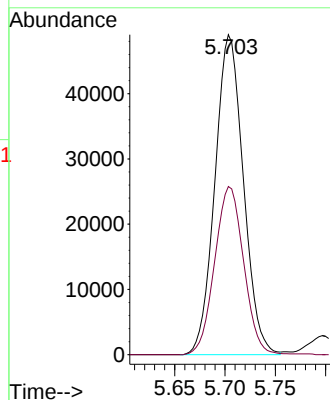
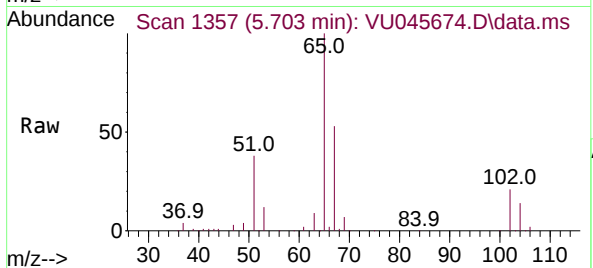
67 53.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

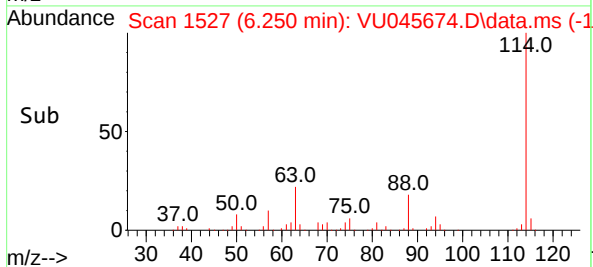
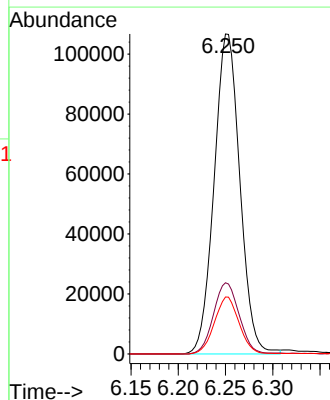
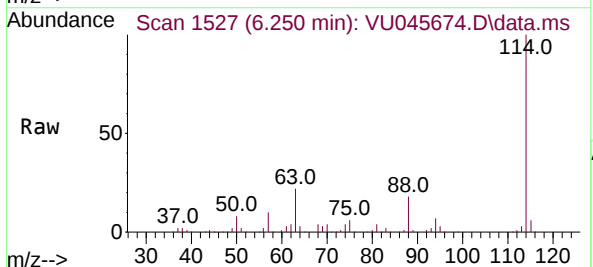
Tgt Ion:114 Resp: 202038

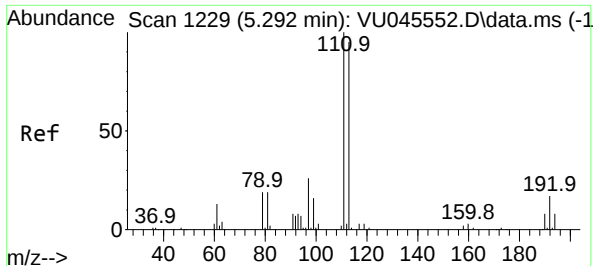
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 17.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.516 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

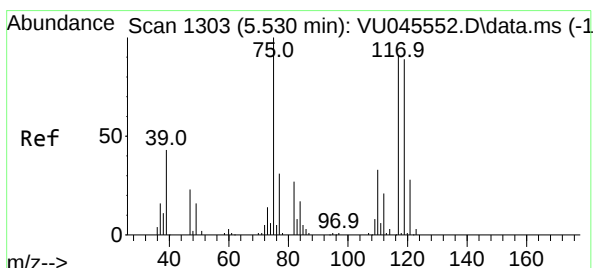
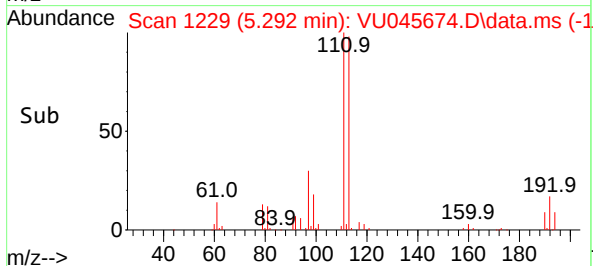
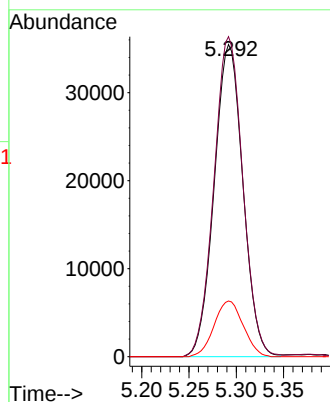
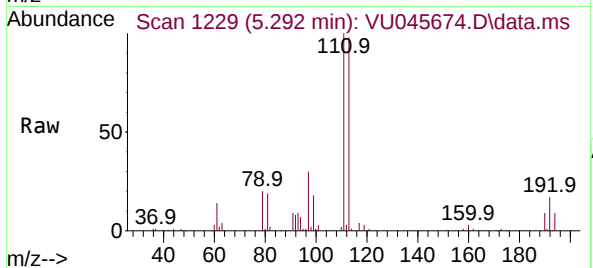
Tgt Ion:	113	Resp:	7488
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	18.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#36

1,1-Dichloropropene

Concen: 54.431 ug/l

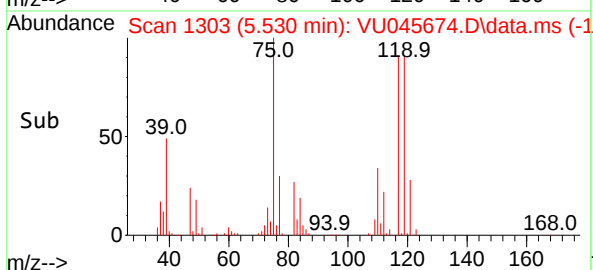
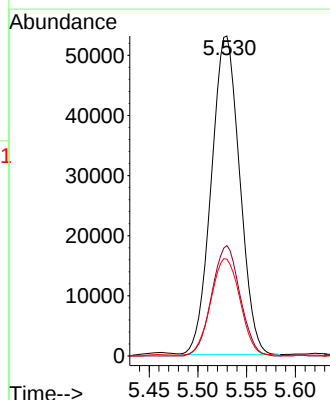
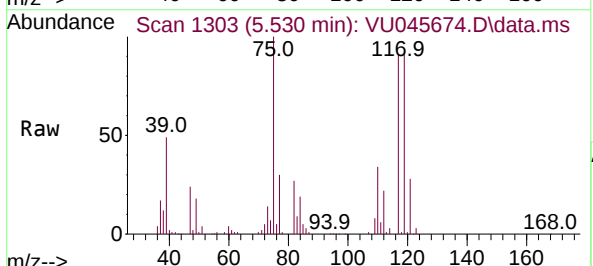
RT: 5.530 min Scan# 1303

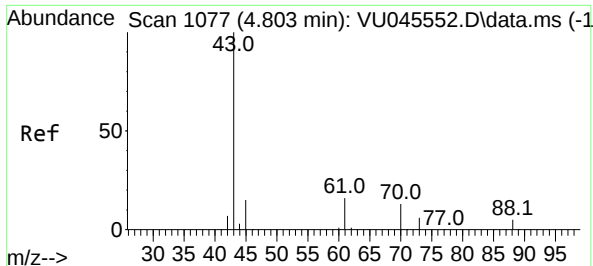
Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Tgt Ion:	75	Resp:	107230
Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.7	50.0
77	31.9	25.0	37.4





#37

Ethyl Acetate

Concen: 58.856 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 133190

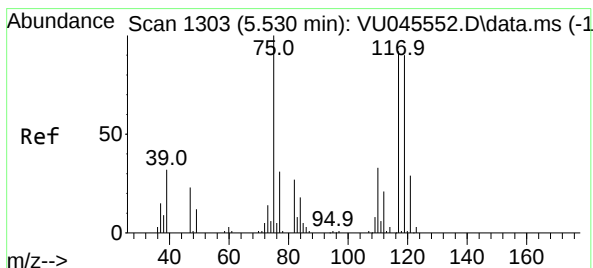
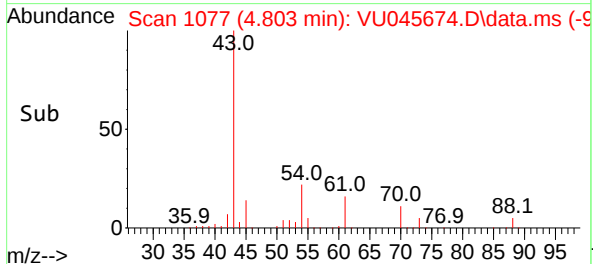
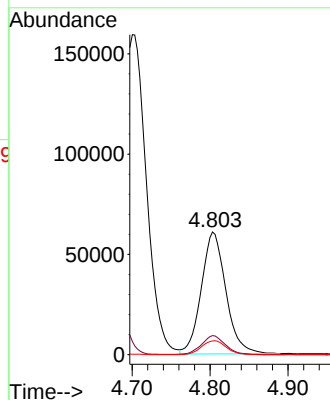
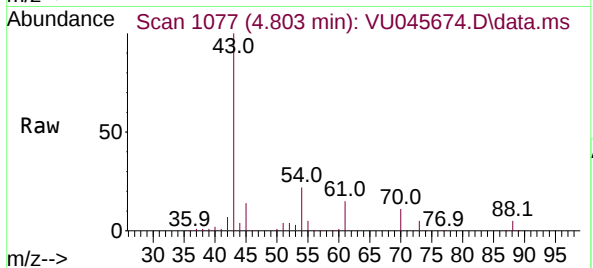
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.6	17.4
70	11.5	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 55.389 ug/l

RT: 5.527 min Scan# 1302

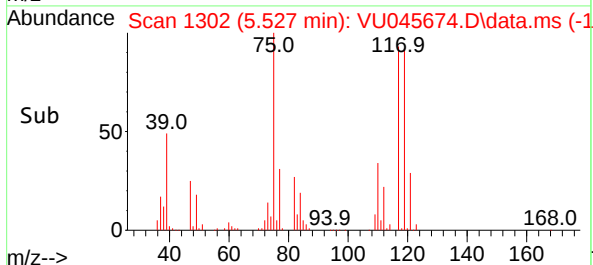
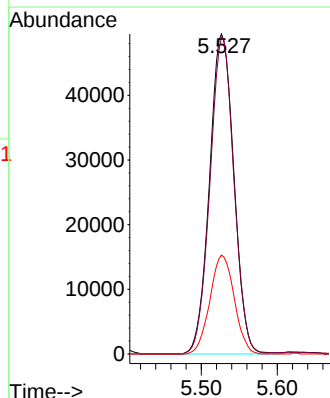
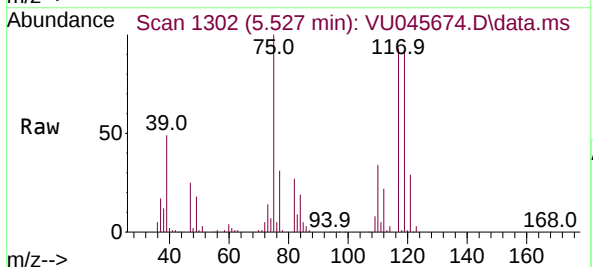
Delta R.T. -0.003 min

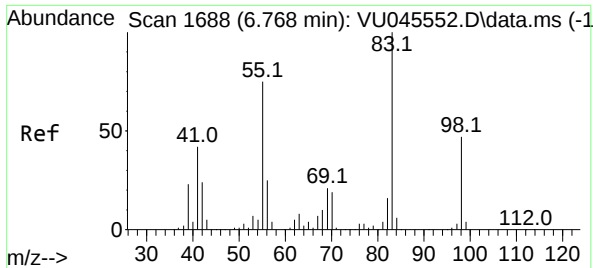
Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Tgt Ion:117 Resp: 110009

Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.4	116.0
121	30.9	24.8	37.2





#39

Methylcyclohexane

Concen: 52.523 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

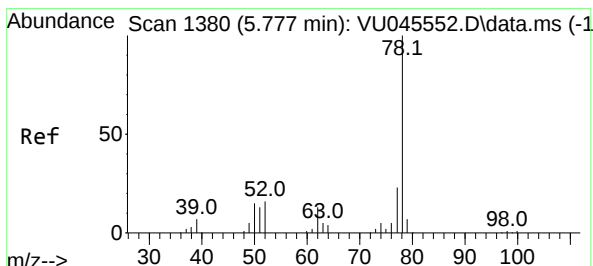
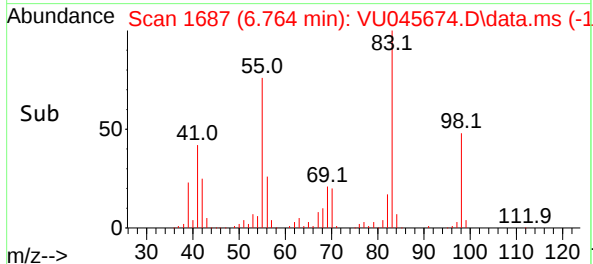
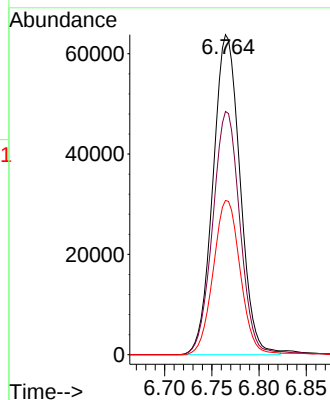
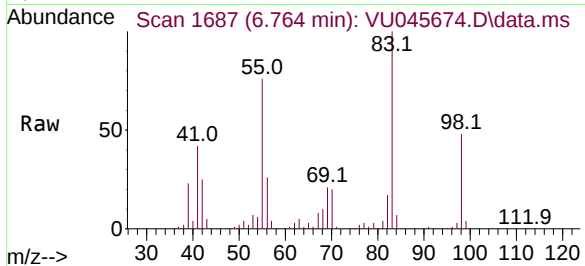
Tgt Ion: 83	Resp: 126939
Ion Ratio	Lower Upper
83	100
55	76.0 63.6 95.4
98	48.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 55.308 ug/l

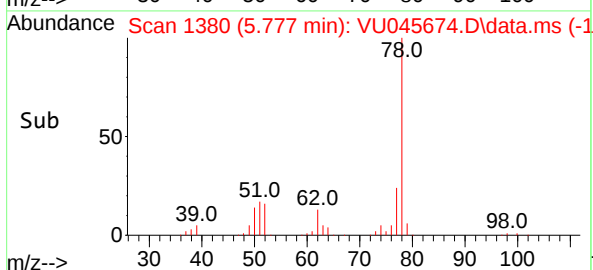
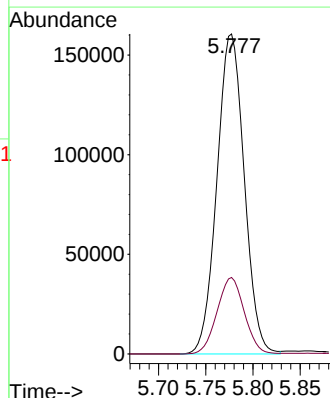
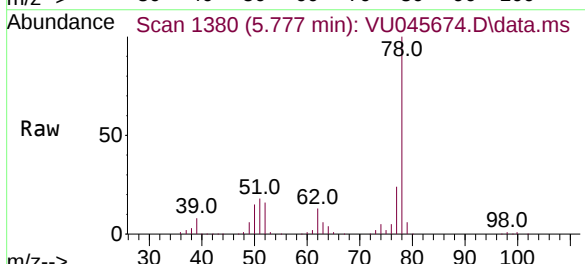
RT: 5.777 min Scan# 1380

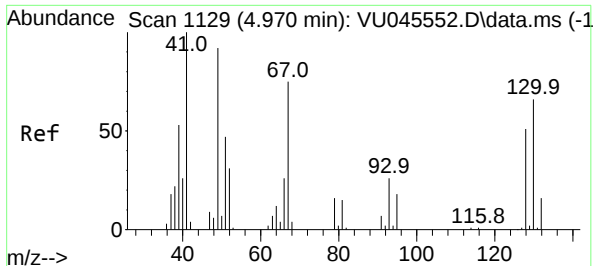
Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

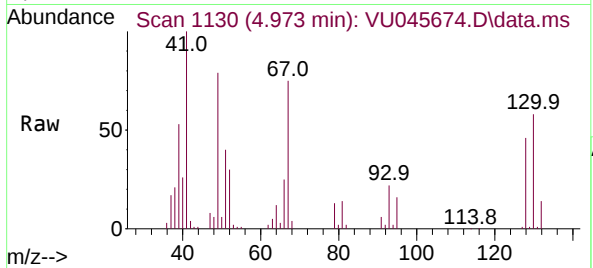
Tgt Ion: 78	Resp: 322585
Ion Ratio	Lower Upper
78	100
77	23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 61.536 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

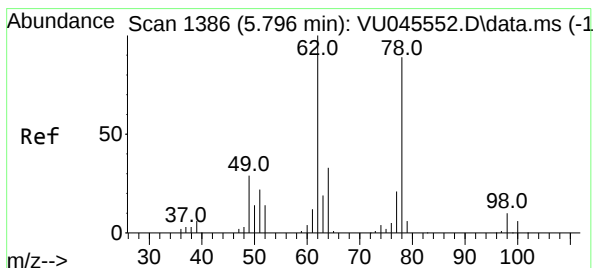
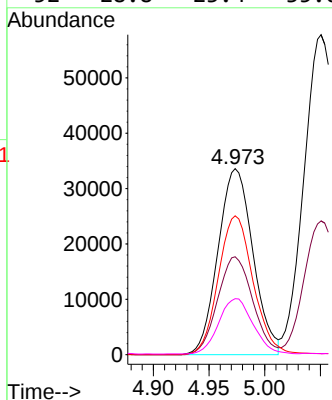
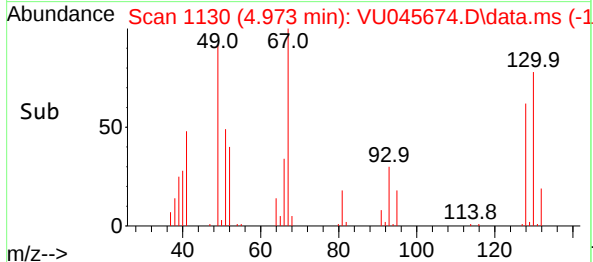
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7359
Ion Ratio Lower Upper
41 100
39 52.8 43.4 65.0
67 74.8 61.0 91.4
52 28.8 23.4 35.0

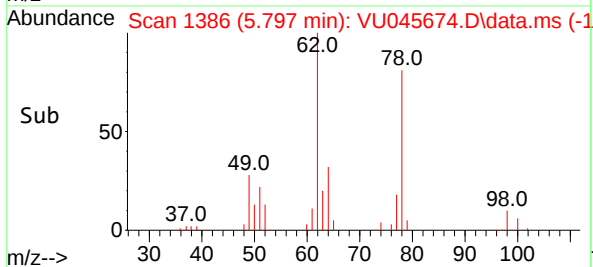
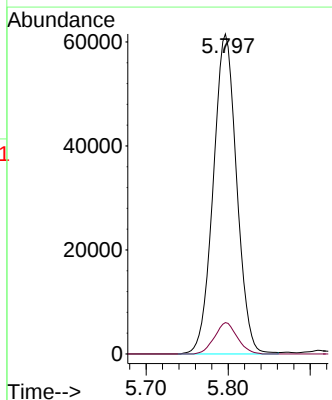
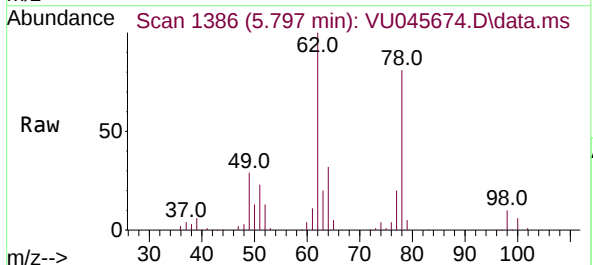
Manual Integrations
APPROVED

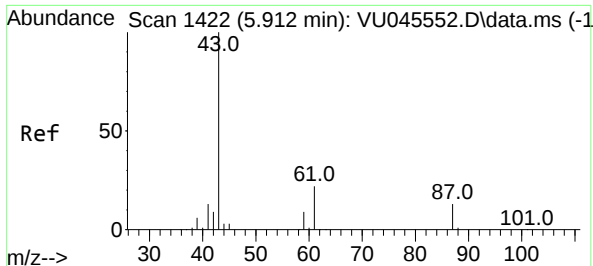
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 57.869 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

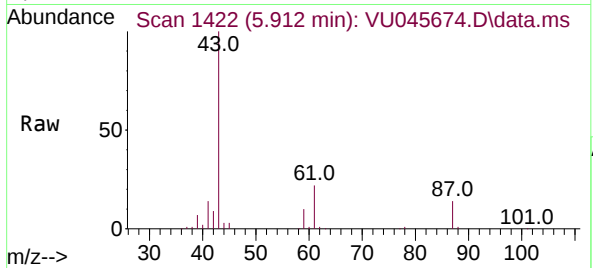
Tgt Ion: 62 Resp: 121917
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 58.295 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

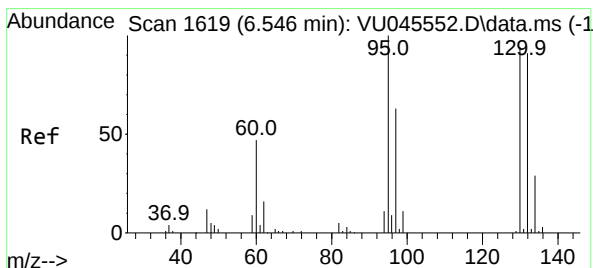
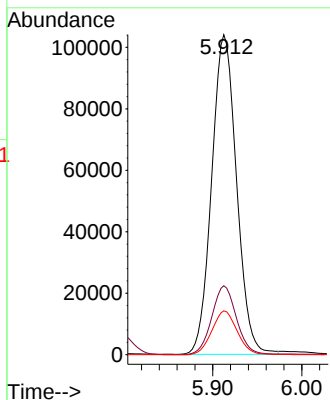
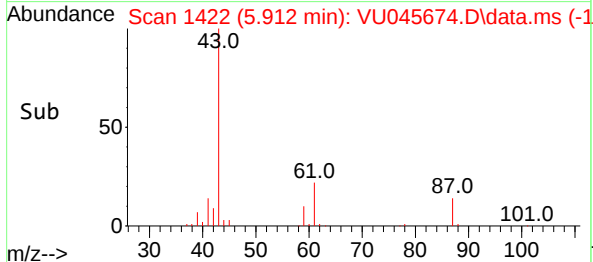
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



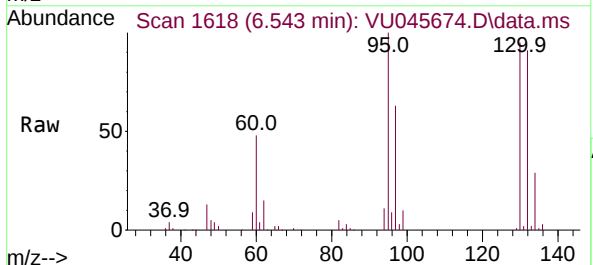
Tgt Ion: 43 Resp: 20177
Ion Ratio Lower Upper
43 100
61 21.4 16.9 25.3
87 13.9 11.0 16.4

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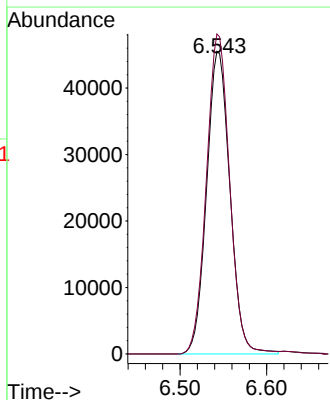
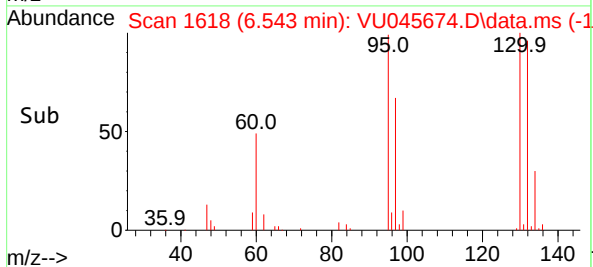
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

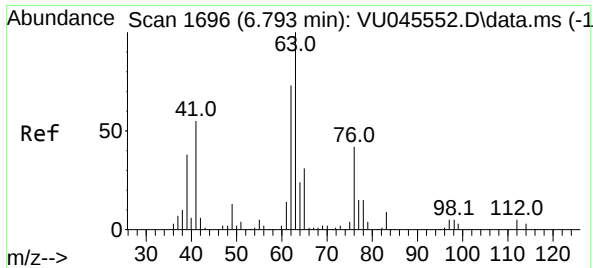


#44
Trichloroethene
Concen: 61.093 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19



Tgt Ion:130 Resp: 85294
Ion Ratio Lower Upper
130 100
95 105.7 0.0 211.4





#45

1,2-Dichloropropane

Concen: 59.159 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9129

Ion Ratio Lower Upper

63 100

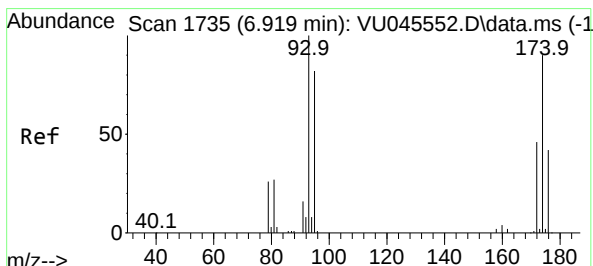
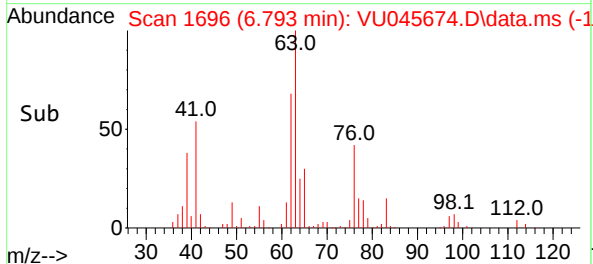
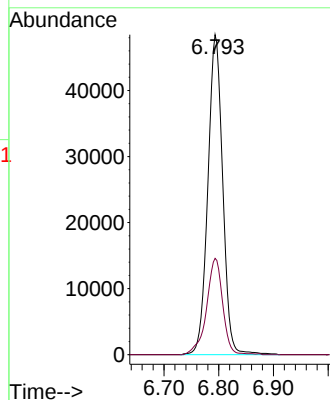
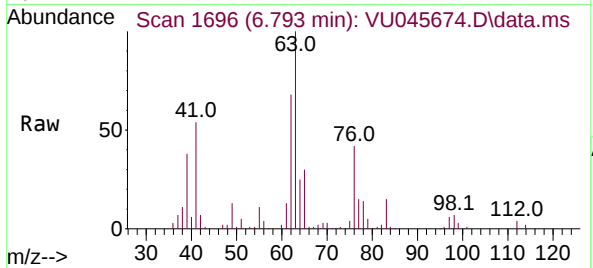
65 30.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 57.723 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

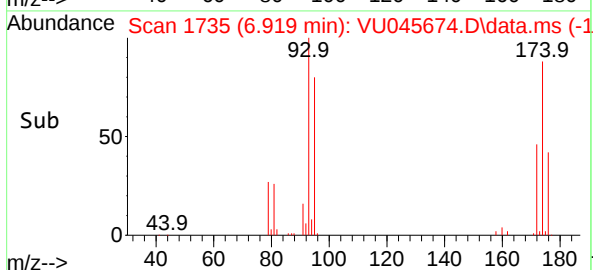
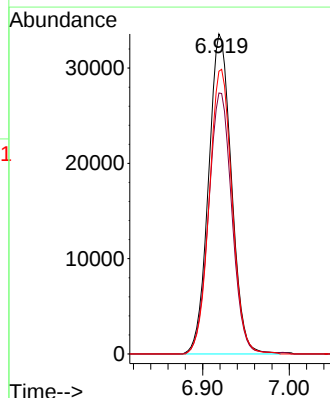
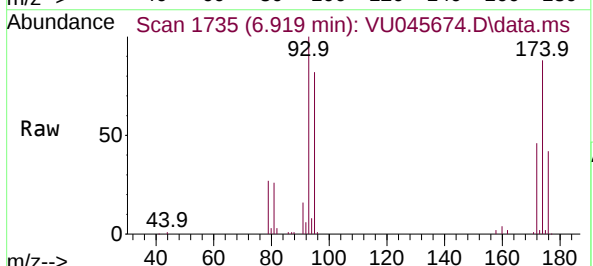
Tgt Ion: 93 Resp: 61725

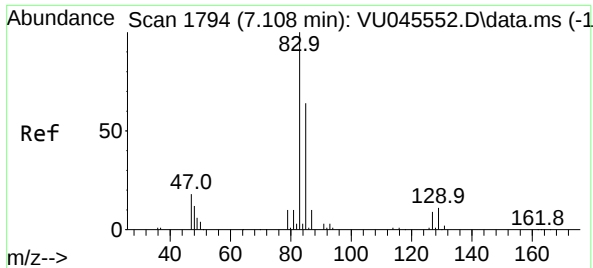
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 88.7 71.0 106.6





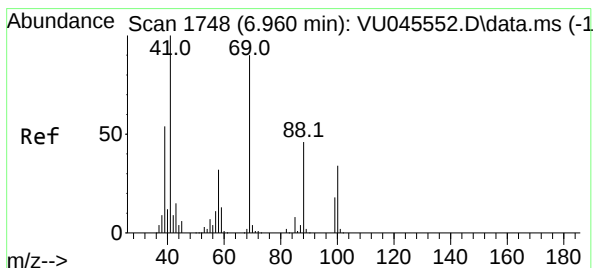
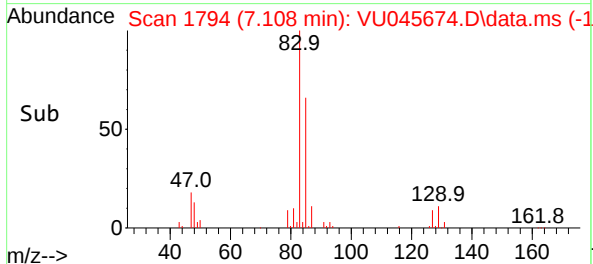
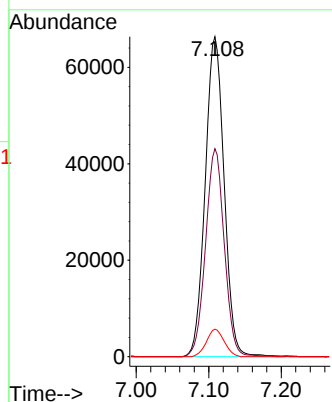
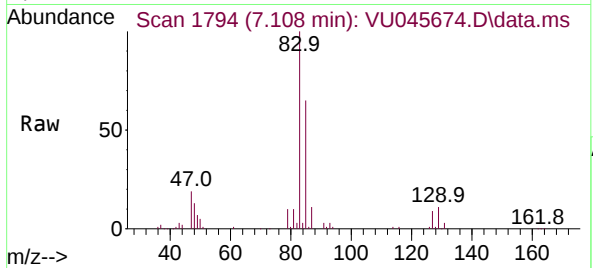
#47
Bromodichloromethane
Concen: 59.381 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 120483
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 8.6 6.2 9.2

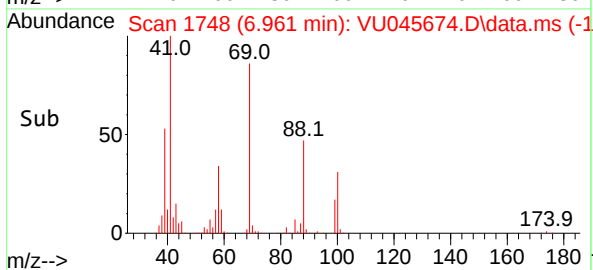
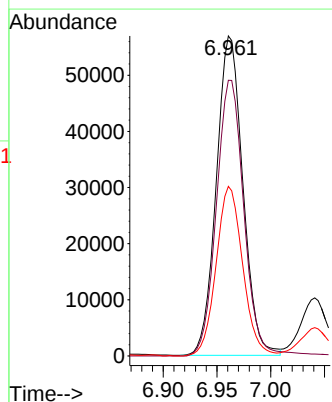
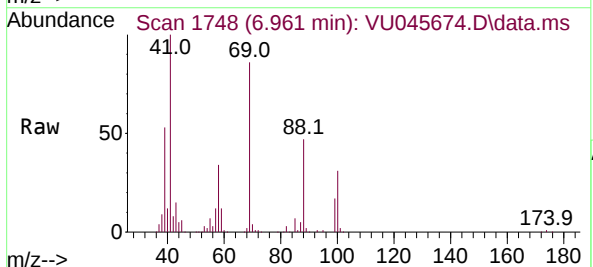
Manual Integrations
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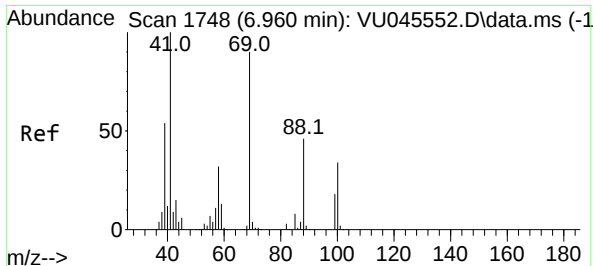
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#48
Methyl methacrylate
Concen: 61.426 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 41 Resp: 97861
Ion Ratio Lower Upper
41 100
69 89.6 70.2 105.2
39 53.0 43.9 65.9





#49

1,4-Dioxane

Concen: 1285.442 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5266

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0

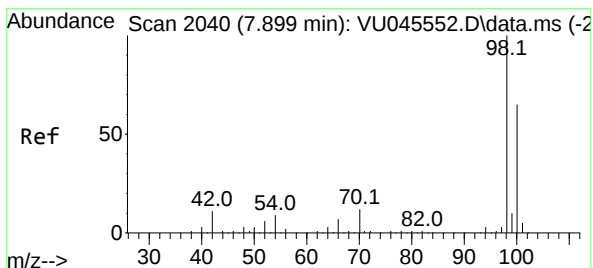
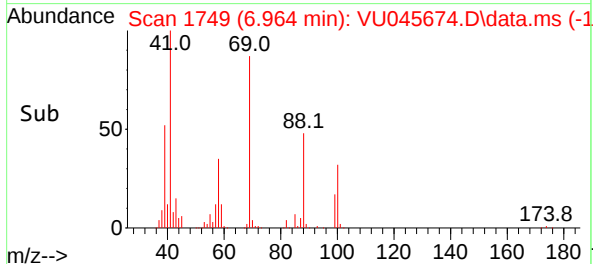
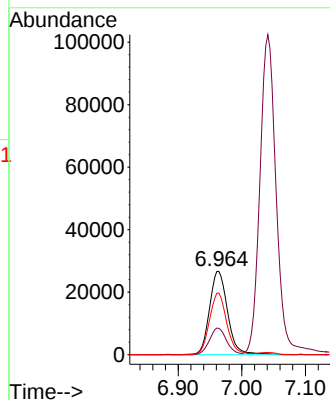
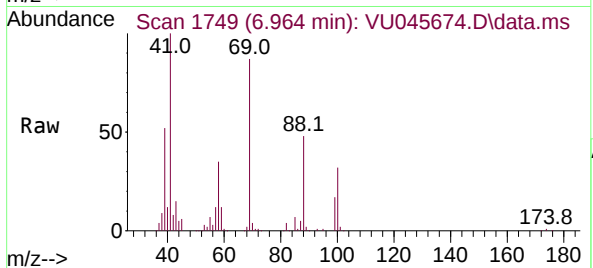
58 70.4 58.7 88.1

Manual Integrations

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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 56.117 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045674.D

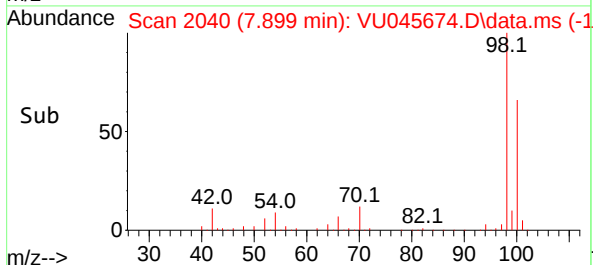
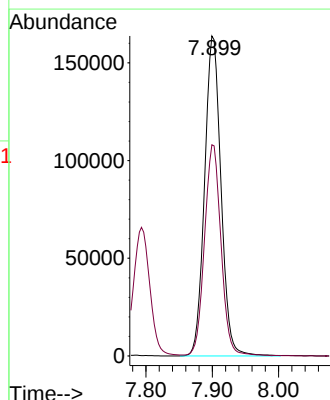
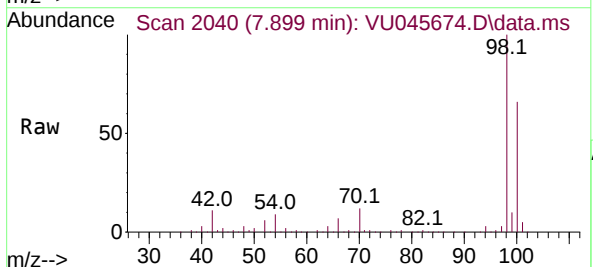
Acq: 09 Nov 2021 21:19

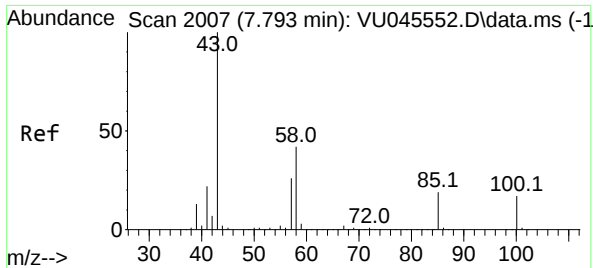
Tgt Ion: 98 Resp: 281474

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 303.394 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 692738

Ion Ratio Lower Upper

43 100

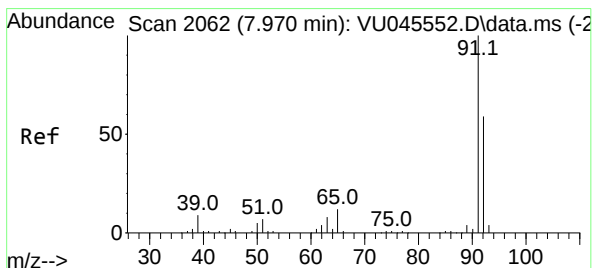
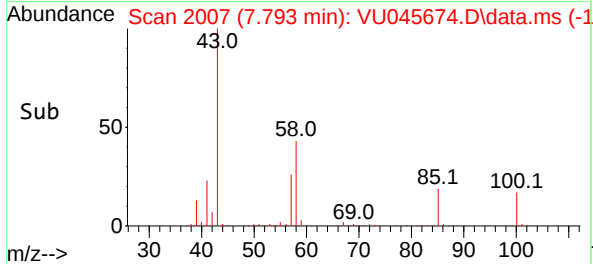
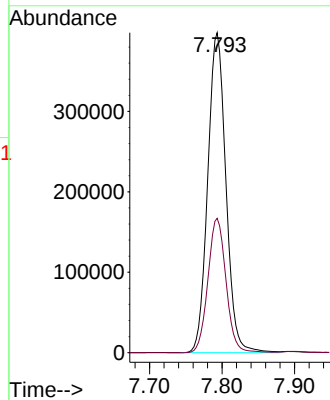
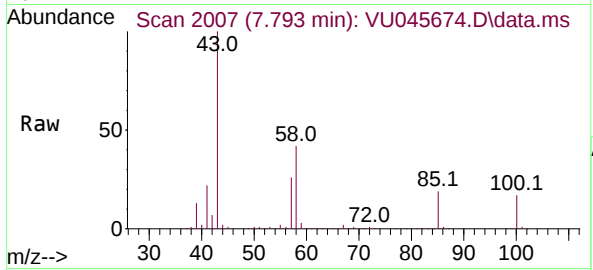
58 41.9 33.8 50.8

Manual Integrations

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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 57.843 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045674.D

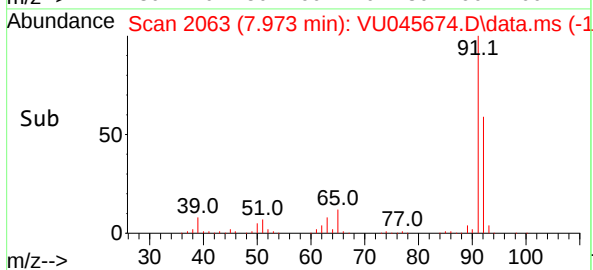
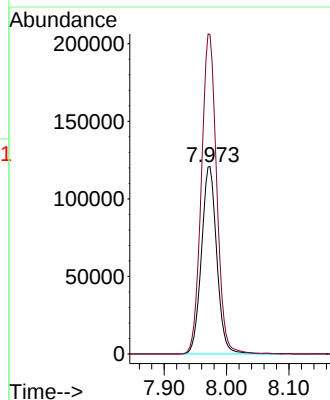
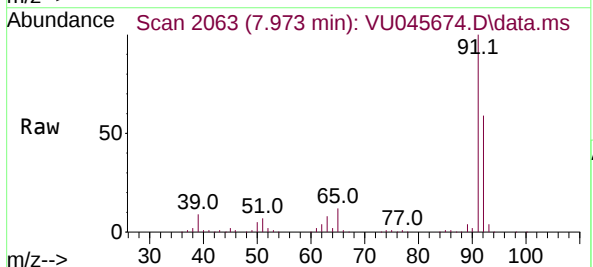
Acq: 09 Nov 2021 21:19

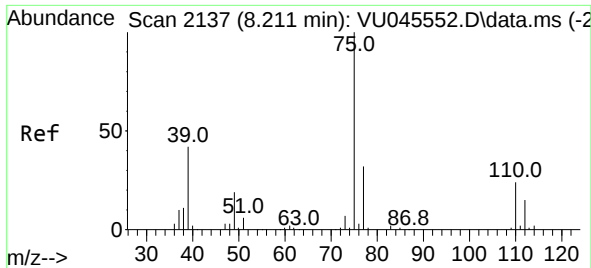
Tgt Ion: 92 Resp: 206548

Ion Ratio Lower Upper

92 100

91 170.9 135.6 203.4





#53
t-1,3-Dichloropropene
Concen: 55.538 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

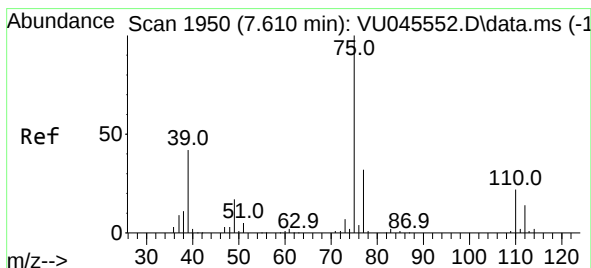
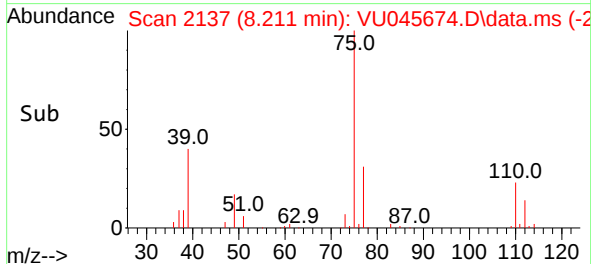
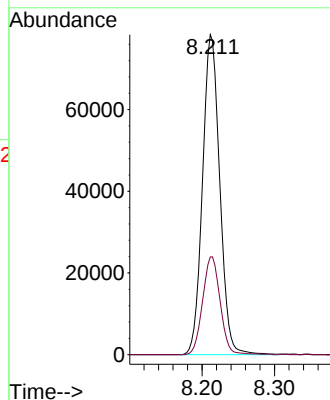
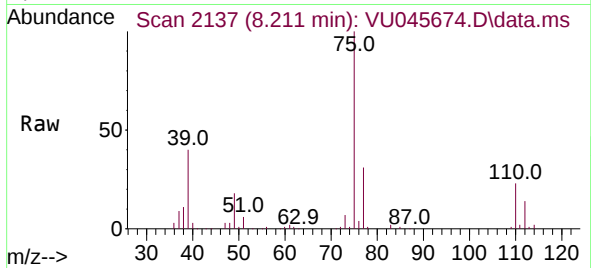
VSTDCCC050EC

Tgt Ion: 75 Resp: 129500
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8

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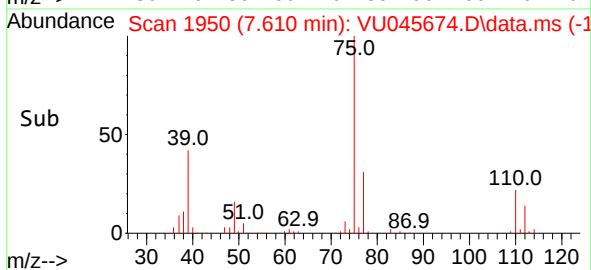
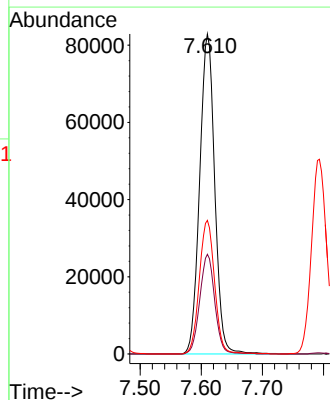
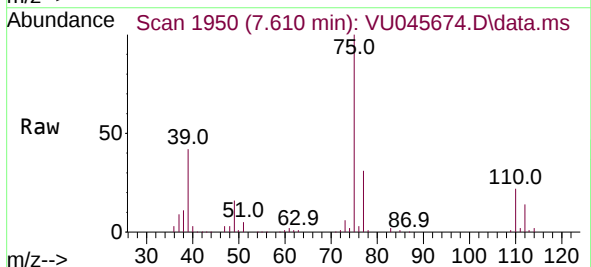
APPROVED

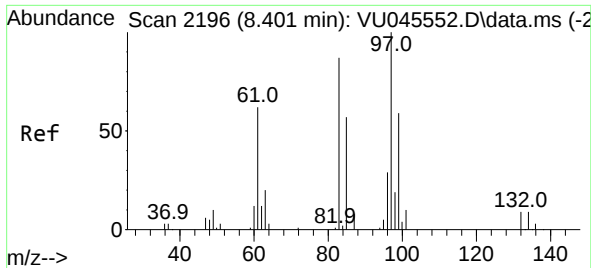
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#54
cis-1,3-Dichloropropene
Concen: 57.283 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

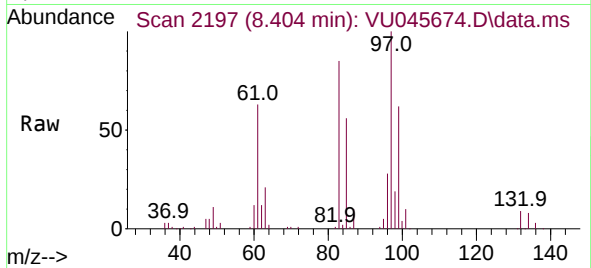
Tgt Ion: 75 Resp: 141877
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 41.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 58.674 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

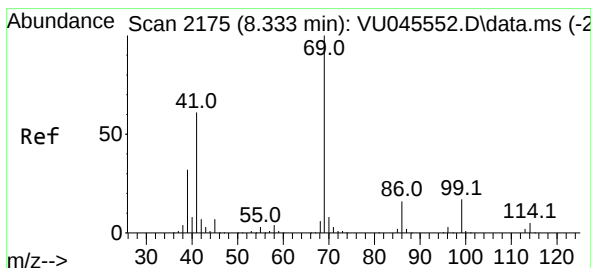
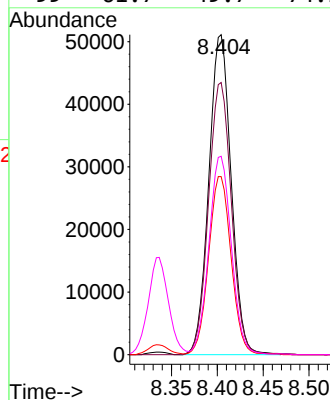
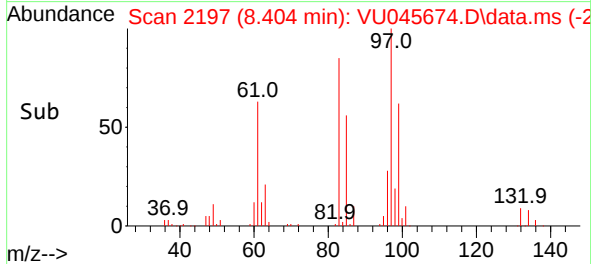
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 8683
Ion Ratio Lower Upper
97 100
83 85.1 70.3 105.5
85 55.5 45.5 68.3
99 61.7 49.7 74.5

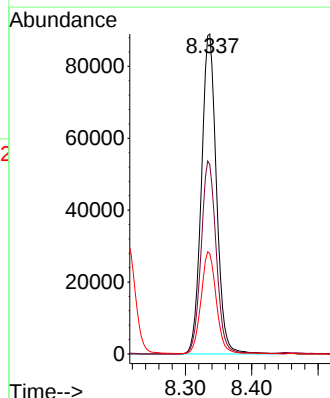
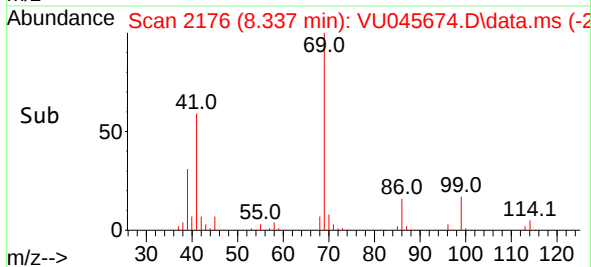
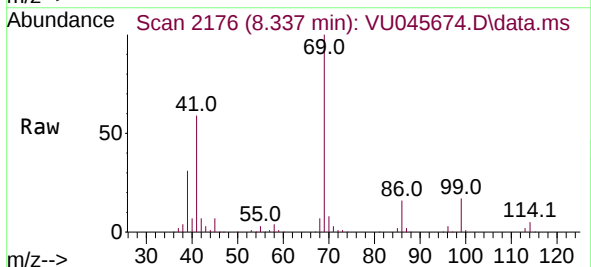
Manual Integrations
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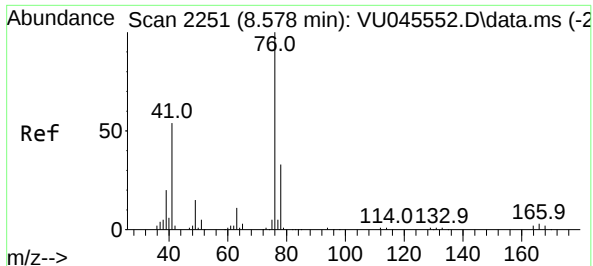
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#56
Ethyl methacrylate
Concen: 52.602 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 69 Resp: 139982
Ion Ratio Lower Upper
69 100
41 61.3 51.0 76.4
39 31.9 26.6 39.8





#57

1,3-Dichloropropane

Concen: 57.195 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 152452

Ion Ratio Lower Upper

76 100

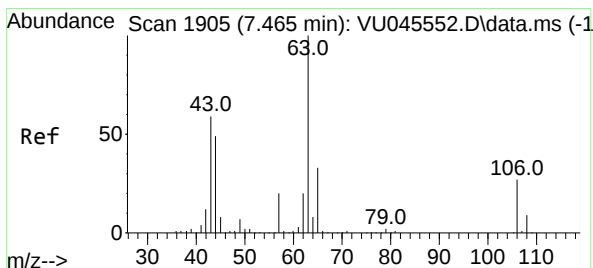
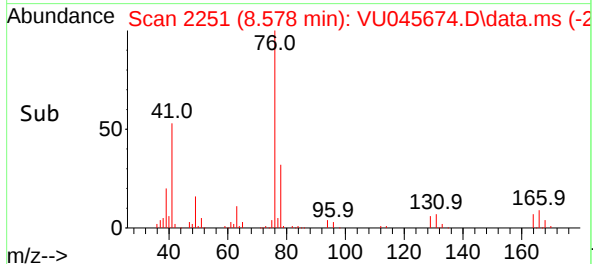
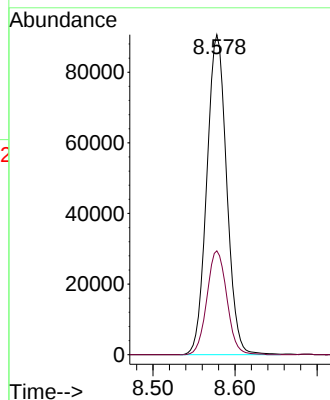
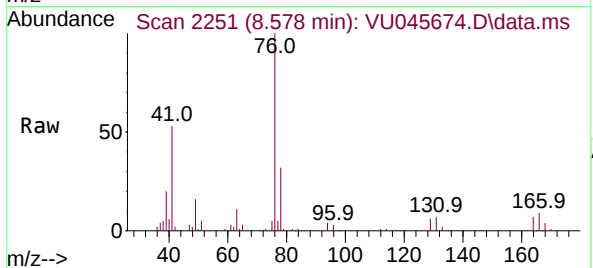
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 232.959 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045674.D

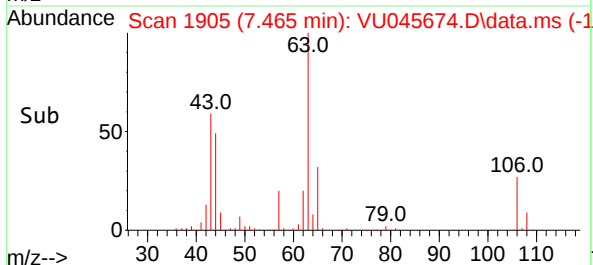
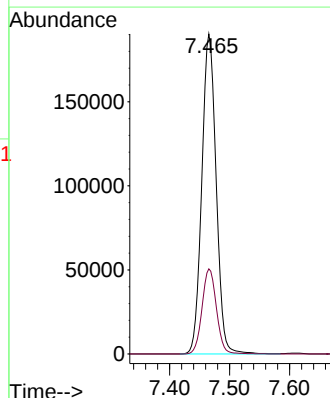
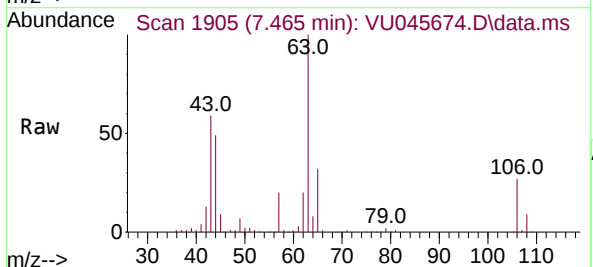
Acq: 09 Nov 2021 21:19

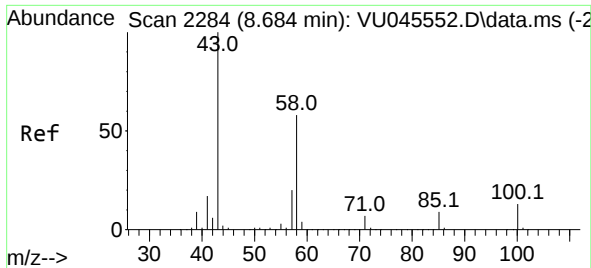
Tgt Ion: 63 Resp: 317398

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4





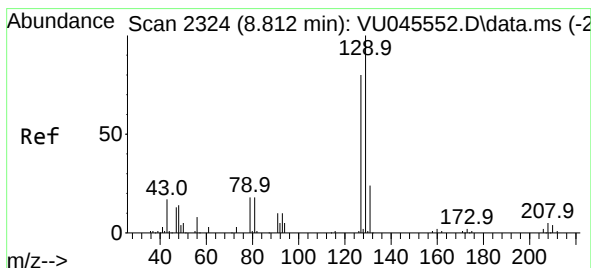
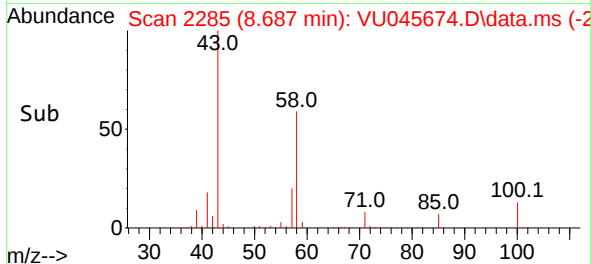
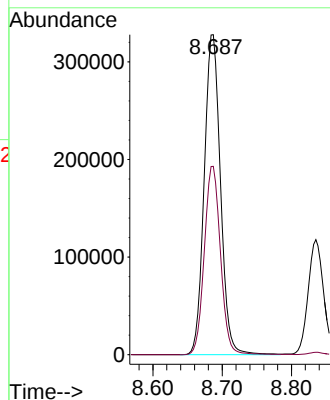
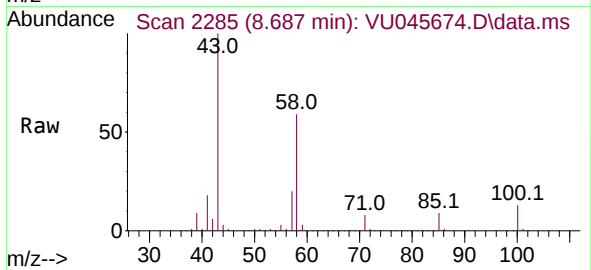
#59
2-Hexanone
Concen: 268.584 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 534762
Ion Ratio Lower Upper
43 100
58 58.5 29.5 88.6

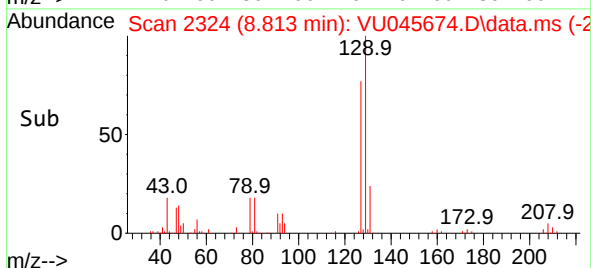
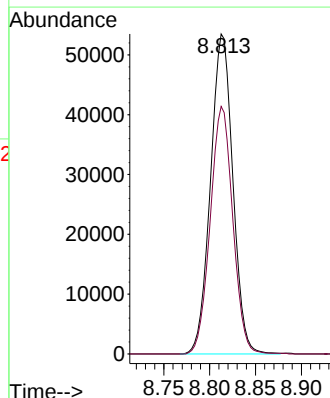
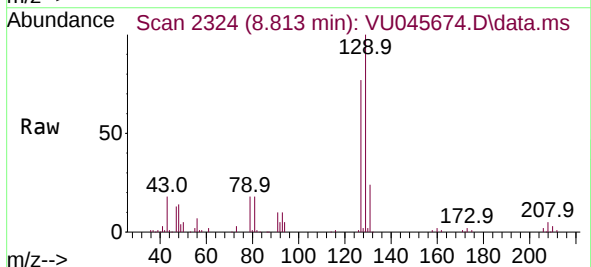
Manual Integrations
APPROVED

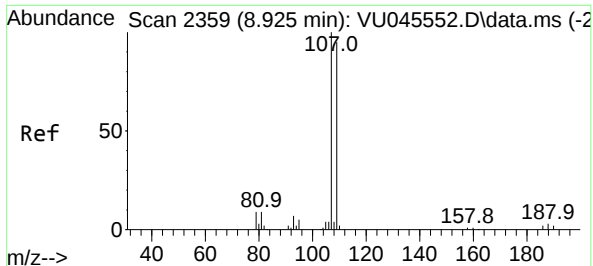
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 58.765 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion:129 Resp: 90558
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





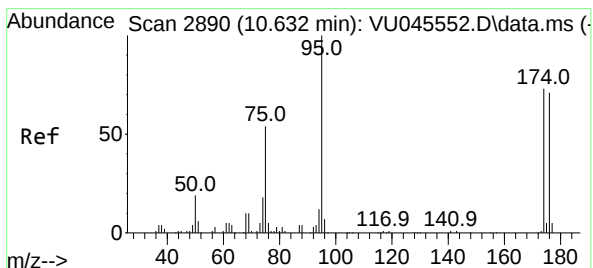
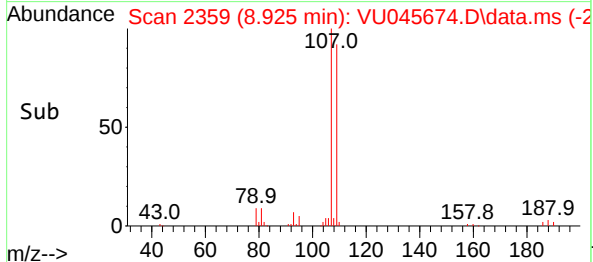
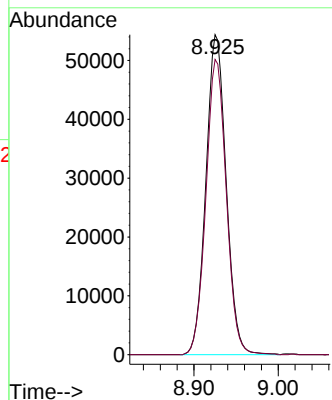
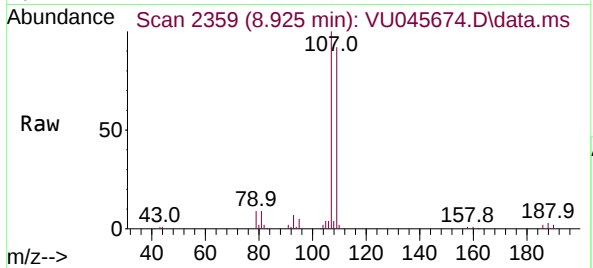
#61
1,2-Dibromoethane
Concen: 57.409 ug/l
RT: 8.925 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 9112
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.8

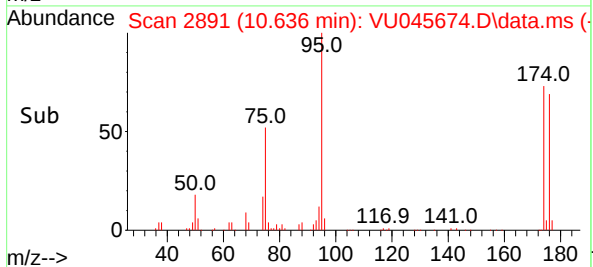
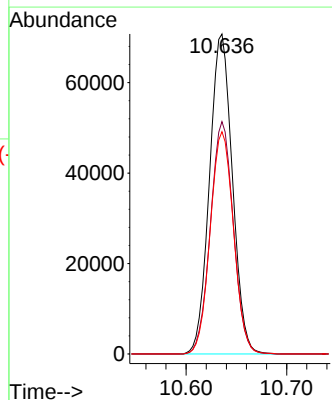
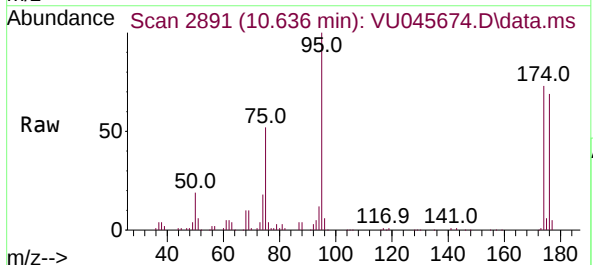
Manual Integrations
APPROVED

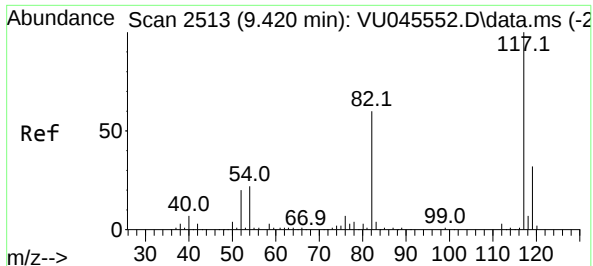
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#62
4-Bromofluorobenzene
Concen: 55.650 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

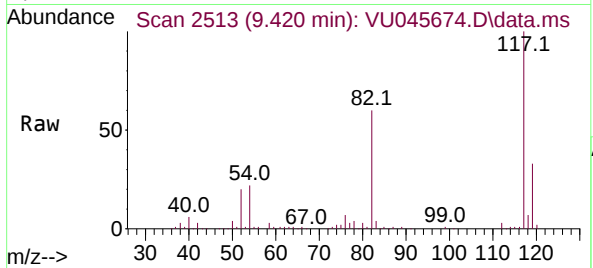
Tgt Ion: 95 Resp: 111932
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.8
176 70.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

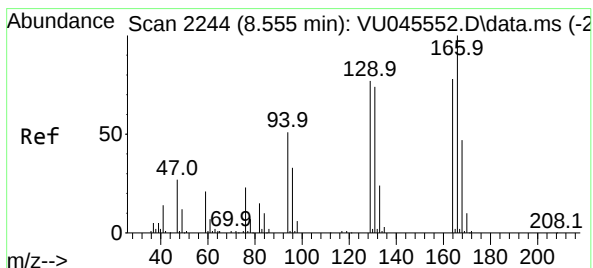
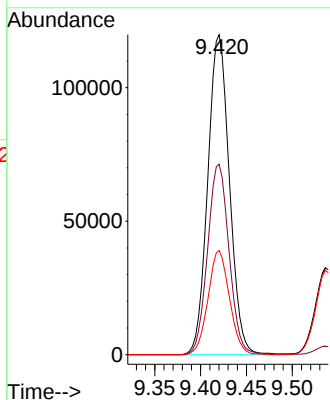
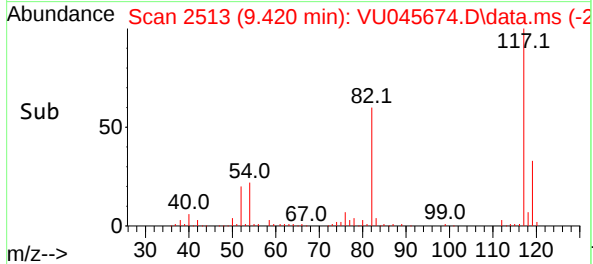
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 197018
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.5 25.8 38.8

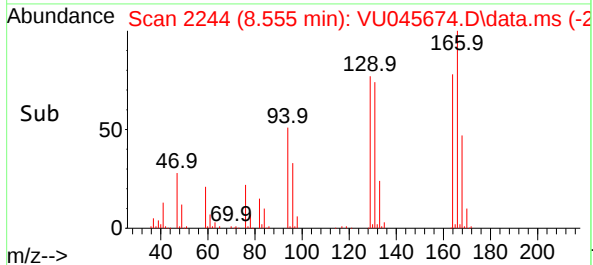
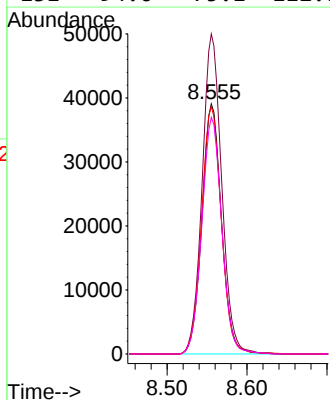
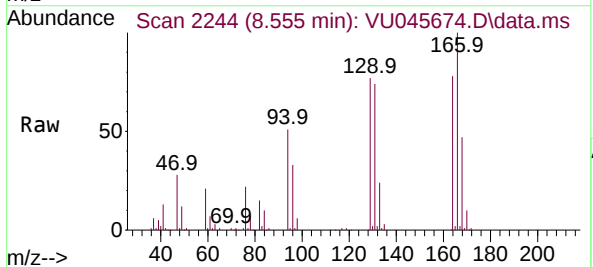
Manual Integrations
APPROVED

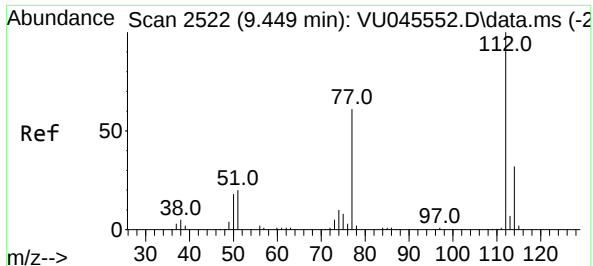
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 58.945 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

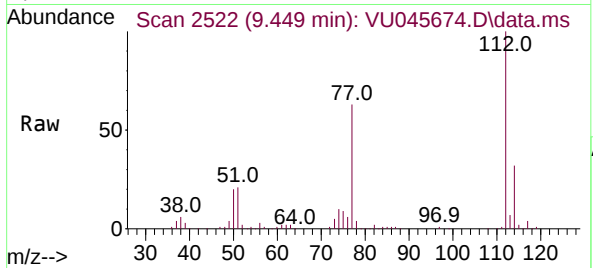
Tgt Ion:164 Resp: 66655
Ion Ratio Lower Upper
164 100
166 128.0 102.2 153.4
129 99.0 78.2 117.4
131 94.6 75.1 112.7





#65
Chlorobenzene
Concen: 55.656 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

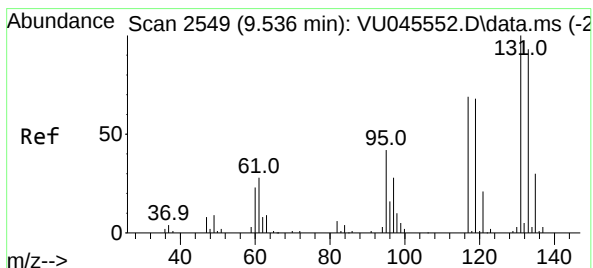
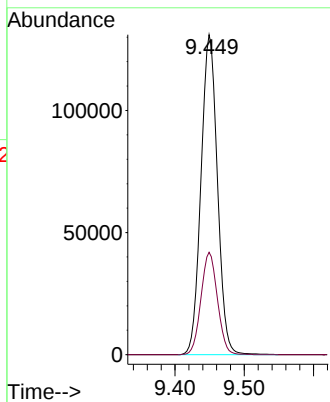
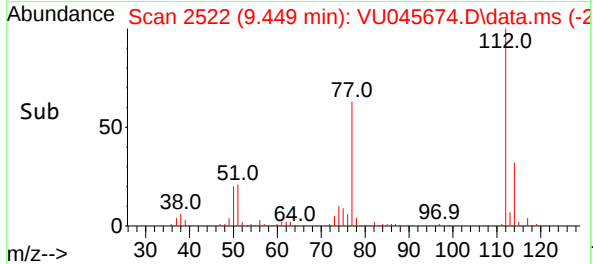
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 215380
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

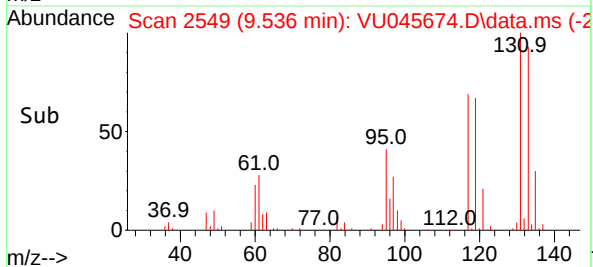
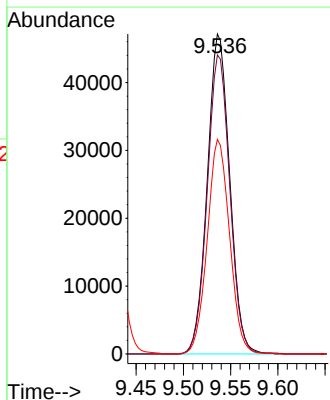
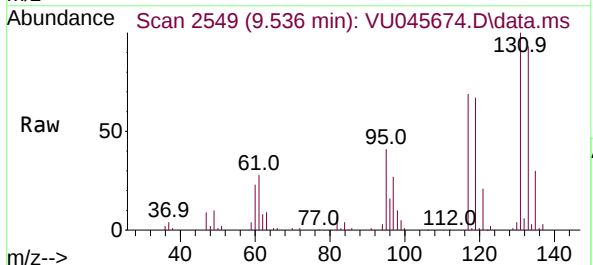
Manual Integrations
APPROVED

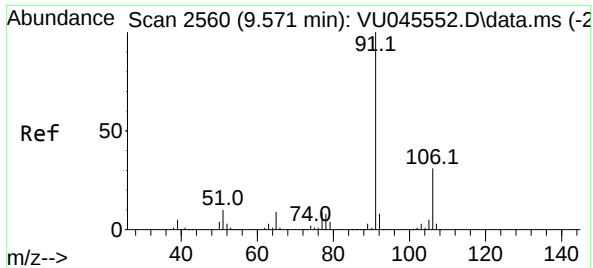
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 56.390 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

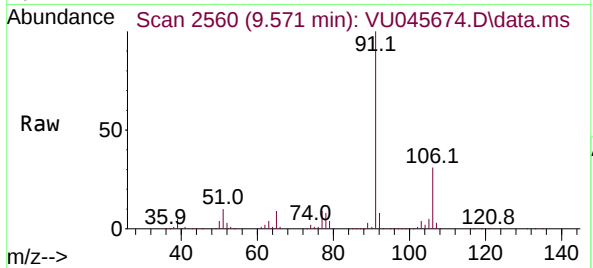
Tgt Ion:131 Resp: 77831
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 66.8 34.5 103.6





#67
Ethyl Benzene
Concen: 56.708 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

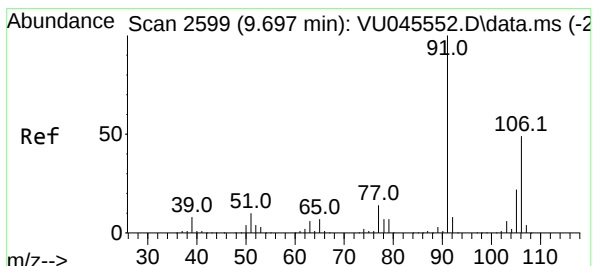
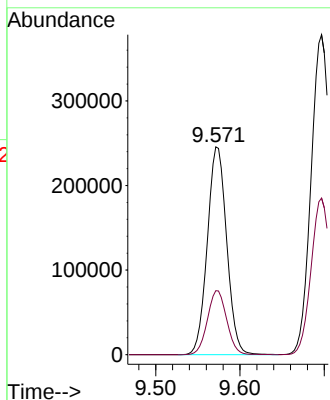
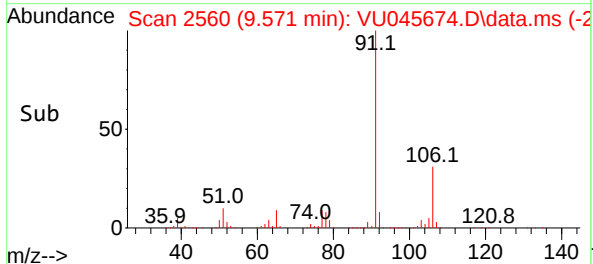
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



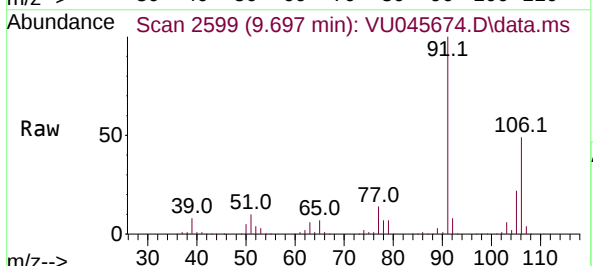
Tgt Ion: 91 Resp: 393008
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

Manual Integrations
APPROVED

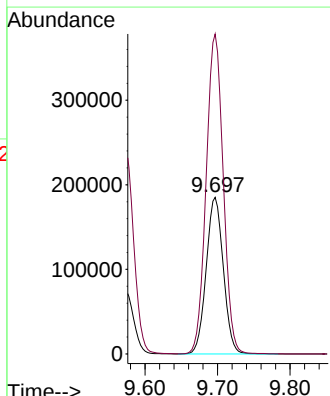
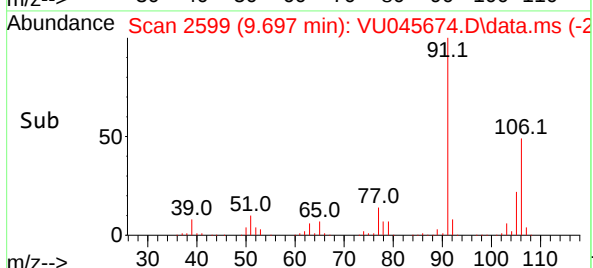
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

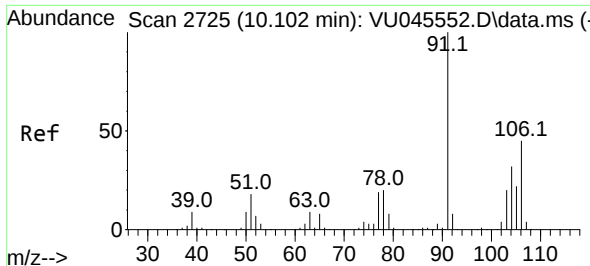


#68
m/p-Xylenes
Concen: 116.170 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19



Tgt Ion:106 Resp: 303631
Ion Ratio Lower Upper
106 100
91 204.3 164.7 247.1





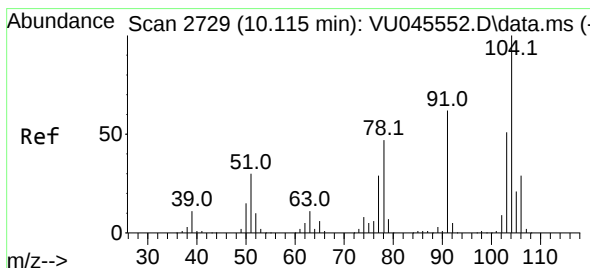
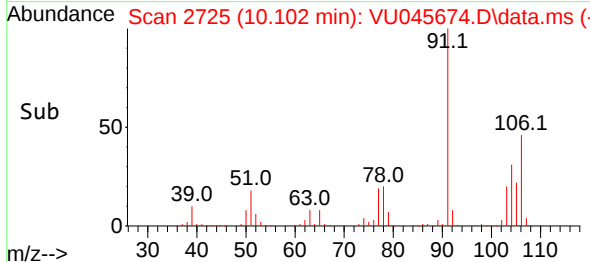
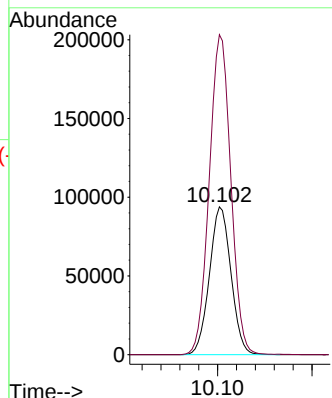
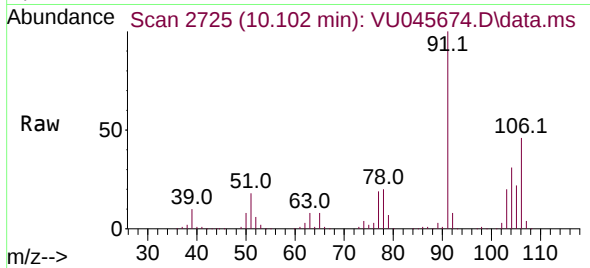
#69
o-Xylene
Concen: 58.495 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14863
Ion Ratio Lower Upper
106 100
91 216.5 108.7 326.3

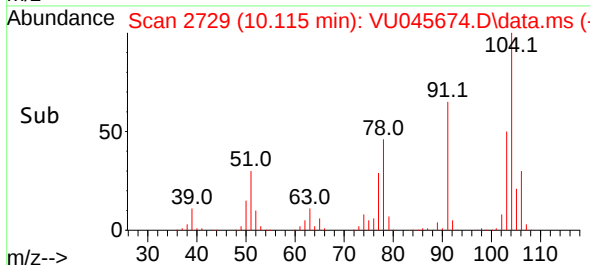
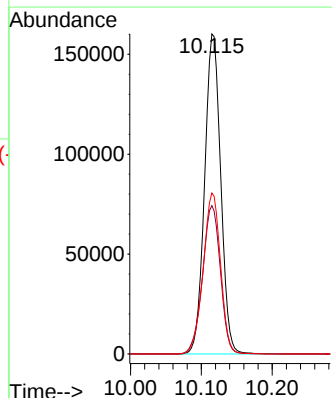
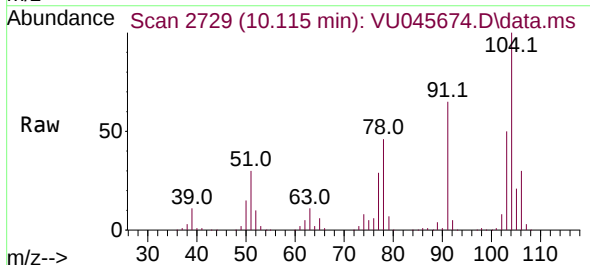
Manual Integrations
APPROVED

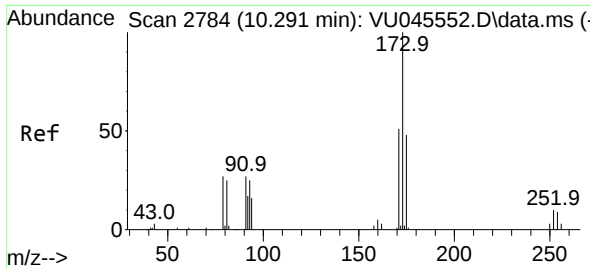
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 58.961 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

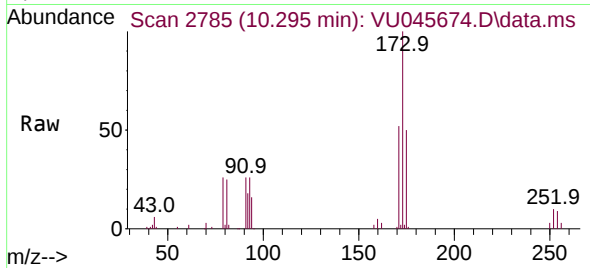
Tgt Ion:104 Resp: 253463
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.6
103 54.0 43.8 65.6





#71
Bromoform
Concen: 50.704 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

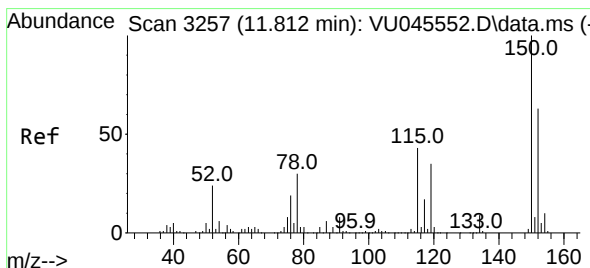
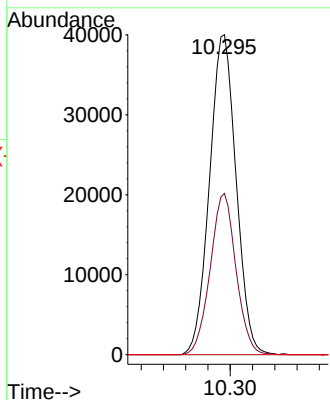
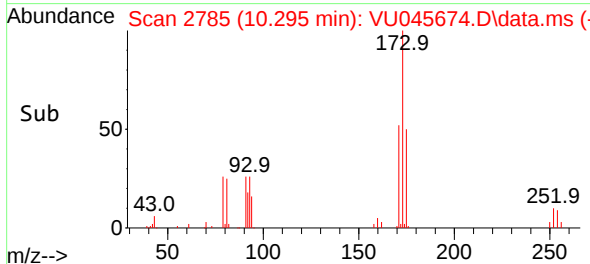
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 66299
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.0 0.0

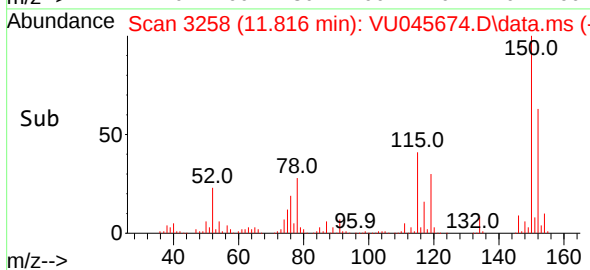
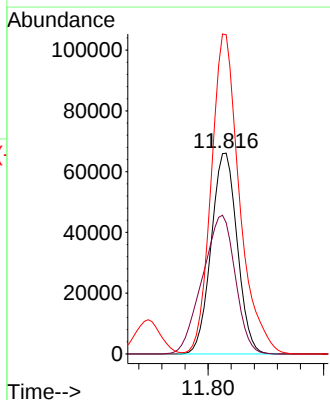
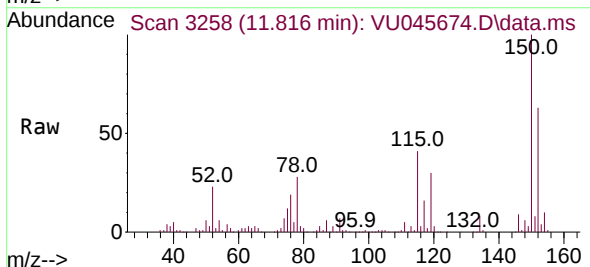
Manual Integrations
APPROVED

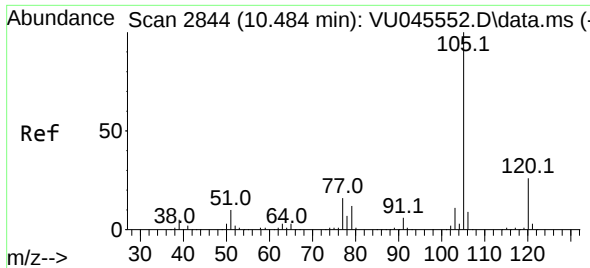
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion:152 Resp: 103314
Ion Ratio Lower Upper
152 100
115 87.0 42.7 128.1
150 173.3 0.0 346.8





#73
Isopropylbenzene
Concen: 57.767 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

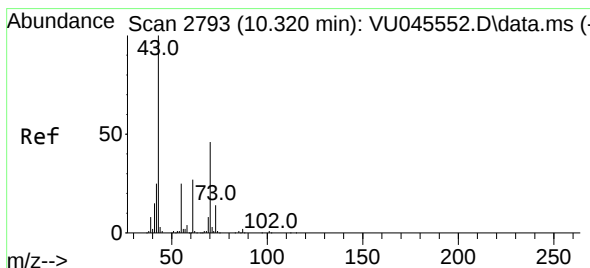
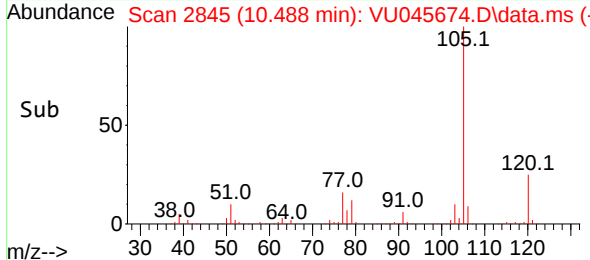
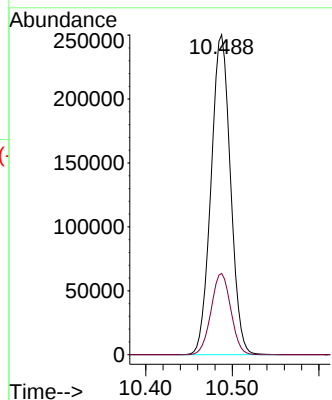
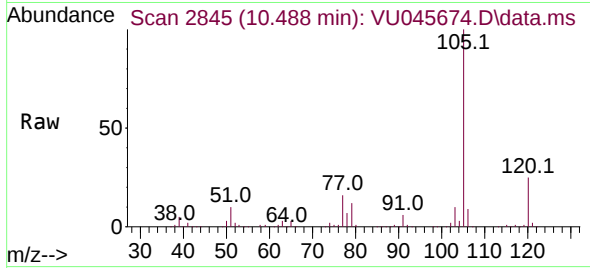
VSTDCCC050EC

Tgt Ion:105 Resp: 389952
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

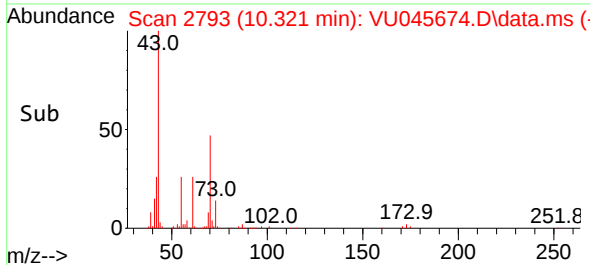
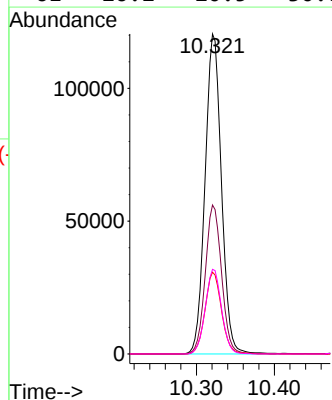
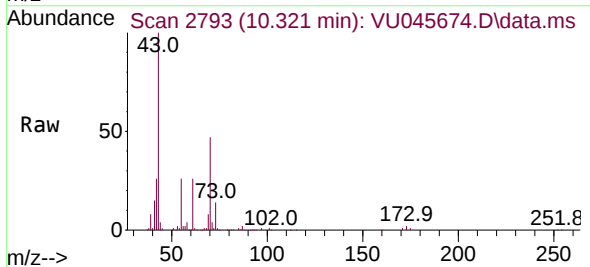
APPROVED

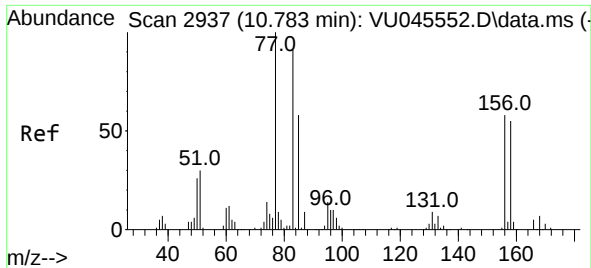
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 57.860 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

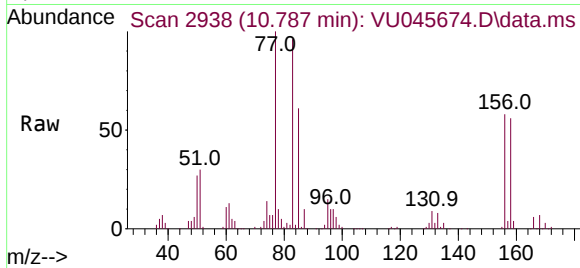
Tgt Ion: 43 Resp: 176201
Ion Ratio Lower Upper
43 100
70 46.3 36.9 55.3
55 25.7 20.6 31.0
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.245 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

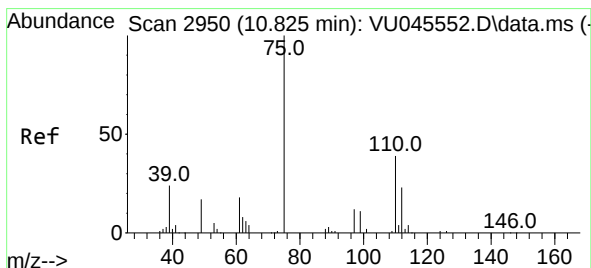
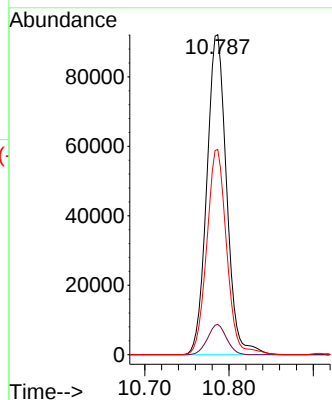
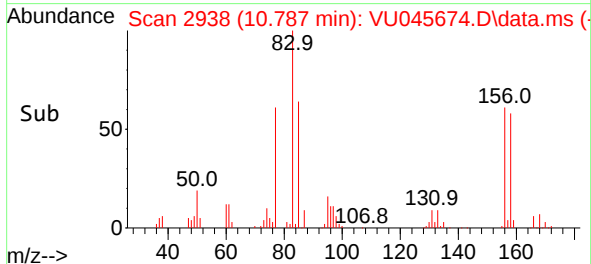
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 150428
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 64.3 31.9 95.9

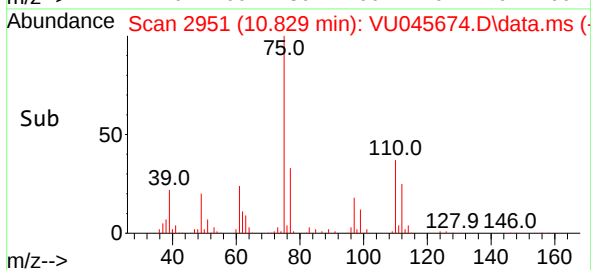
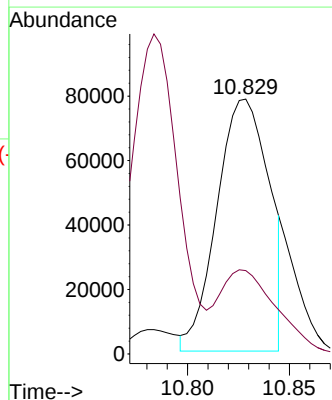
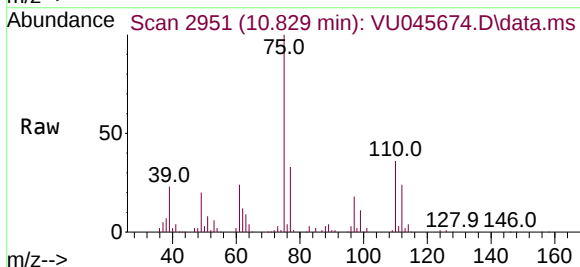
Manual Integrations
APPROVED

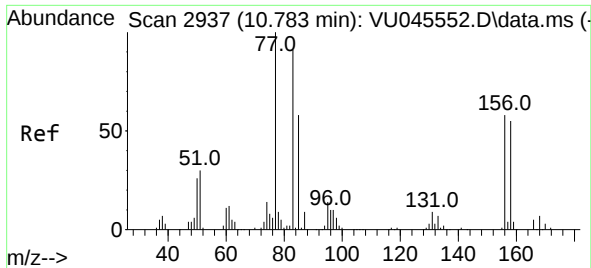
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 44.302 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 75 Resp: 138801
Ion Ratio Lower Upper
75 100
77 37.2 17.1 51.3





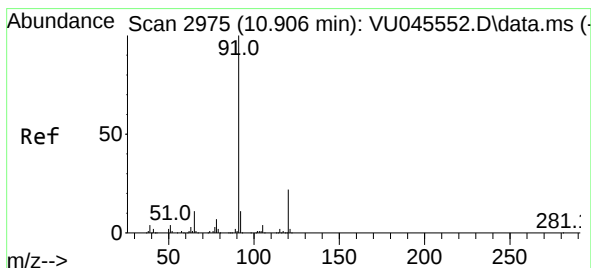
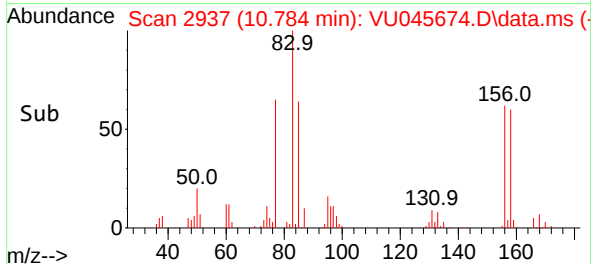
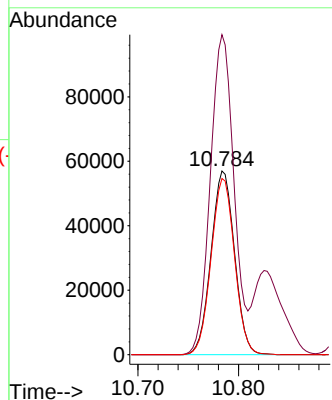
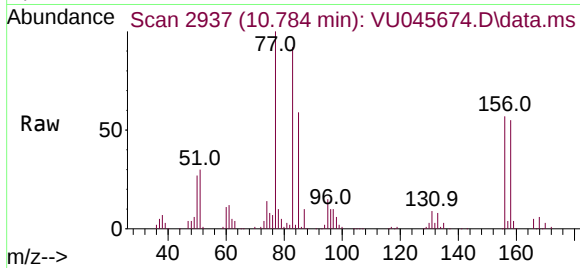
#77
Bromobenzene
Concen: 56.433 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 9249
Ion Ratio Lower Upper
156 100
77 174.9 91.1 273.4
158 95.9 47.9 143.6

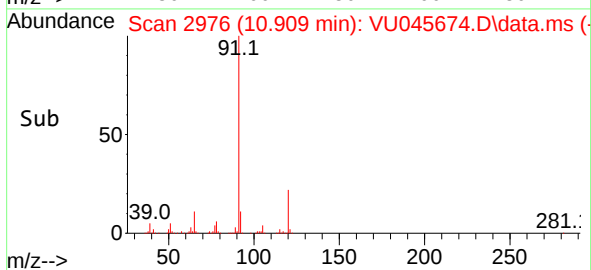
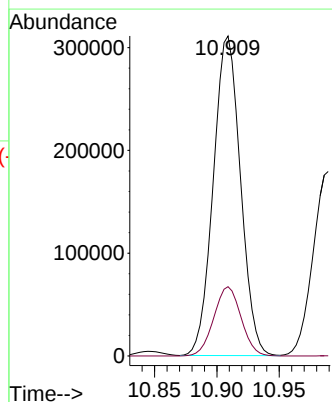
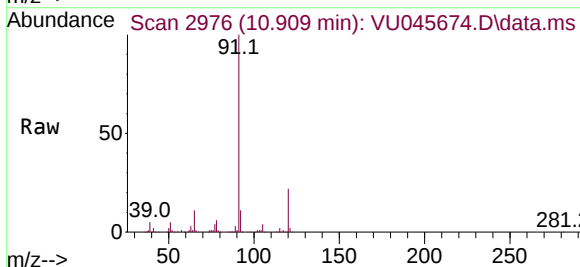
Manual Integrations
APPROVED

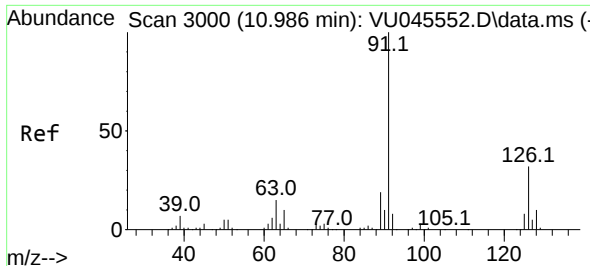
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#78
n-propylbenzene
Concen: 56.186 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 91 Resp: 472053
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79

2-Chlorotoluene

Concen: 56.410 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 28000

Ion Ratio Lower Upper

91 100

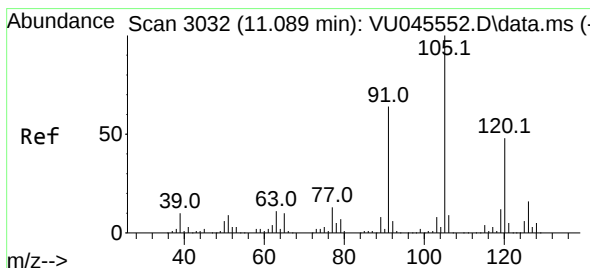
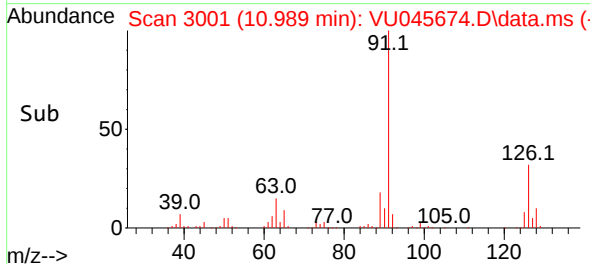
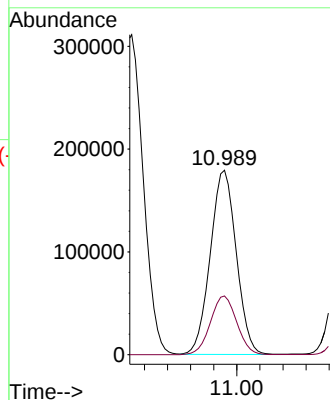
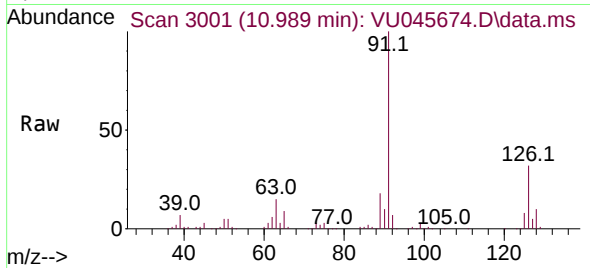
126 32.3 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#80

1,3,5-Trimethylbenzene

Concen: 56.935 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU045674.D

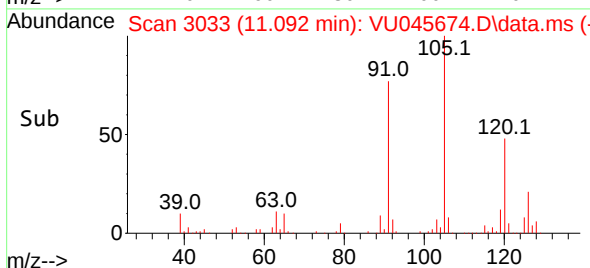
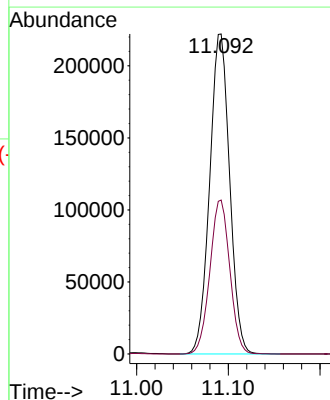
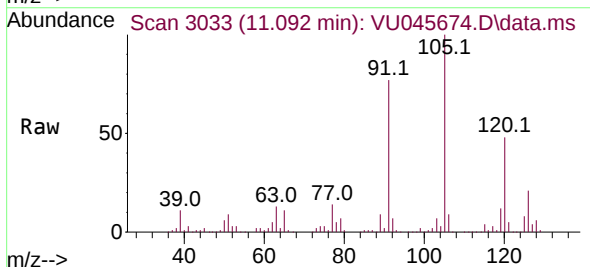
Acq: 09 Nov 2021 21:19

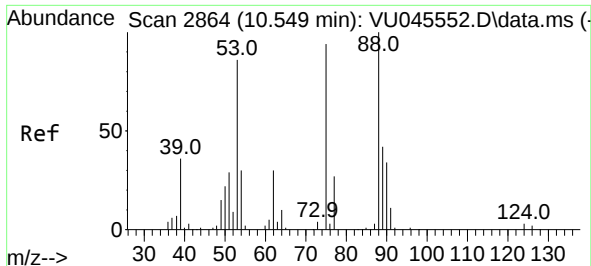
Tgt Ion:105 Resp: 335800

Ion Ratio Lower Upper

105 100

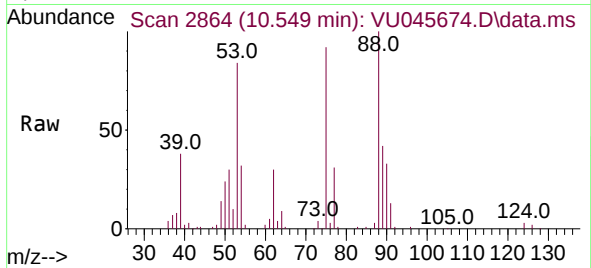
120 48.0 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.070 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

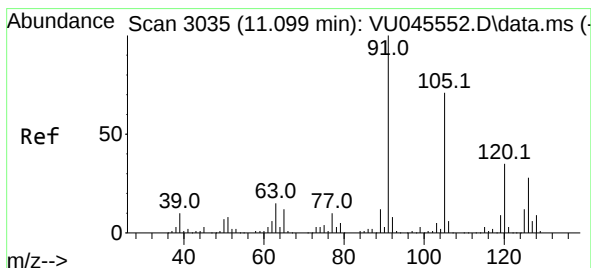
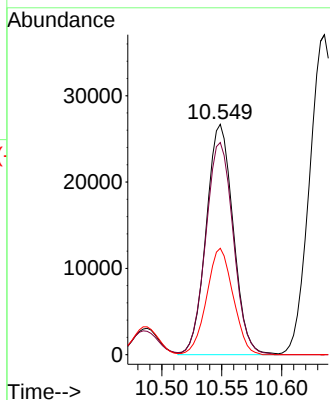
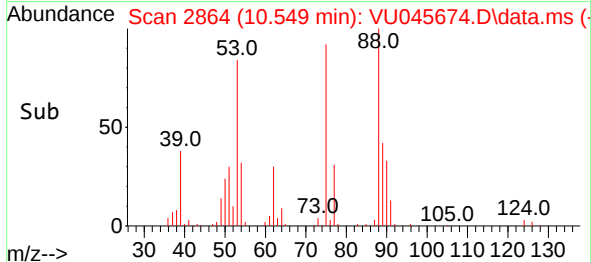
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4178
Ion Ratio Lower Upper
75 100
53 94.1 76.2 114.4
89 45.3 34.0 51.0

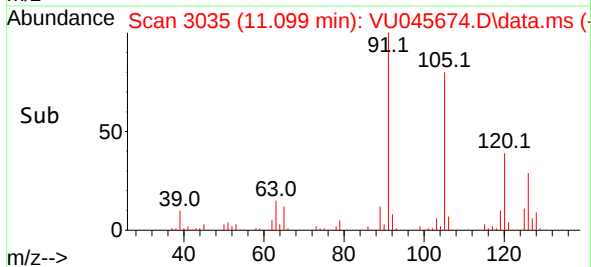
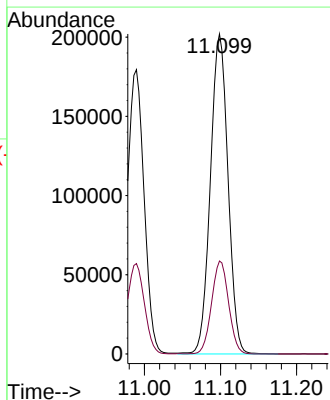
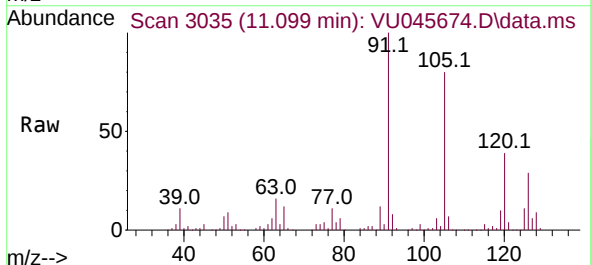
Manual Integrations
APPROVED

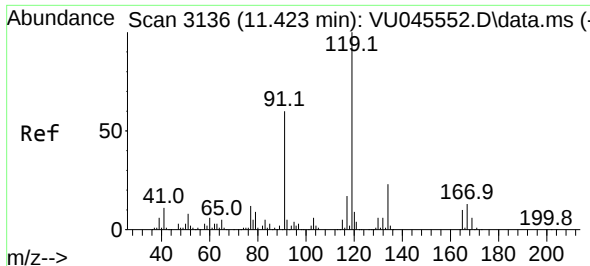
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 55.734 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

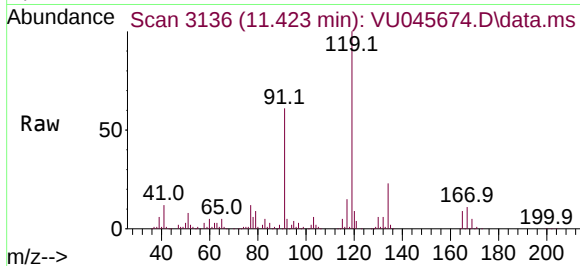
Tgt Ion: 91 Resp: 324441
Ion Ratio Lower Upper
91 100
126 28.0 13.8 41.4





#83
tert-Butylbenzene
Concen: 57.979 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

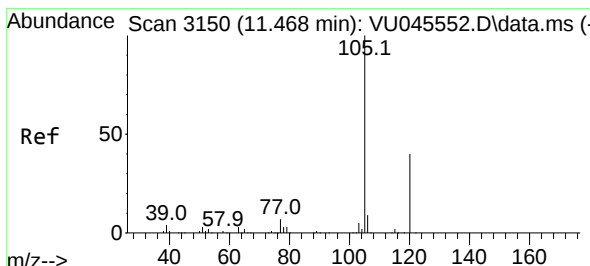
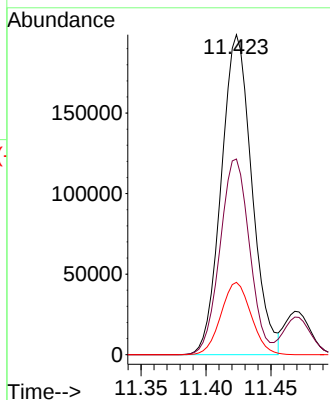
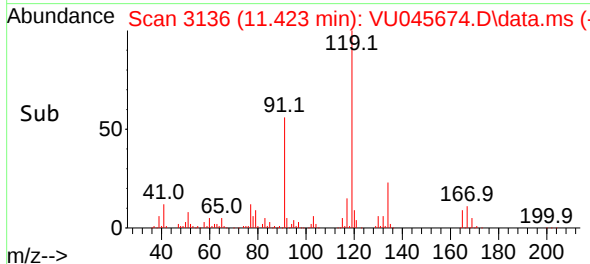
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 325972
Ion Ratio Lower Upper
119 100
91 59.3 30.5 91.5
134 22.2 11.5 34.5

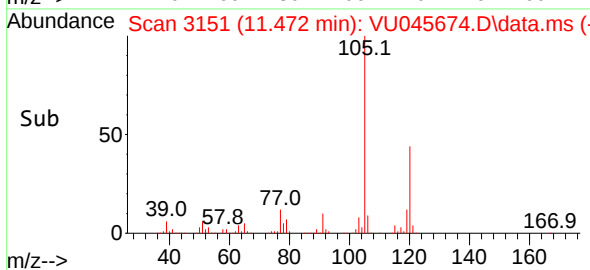
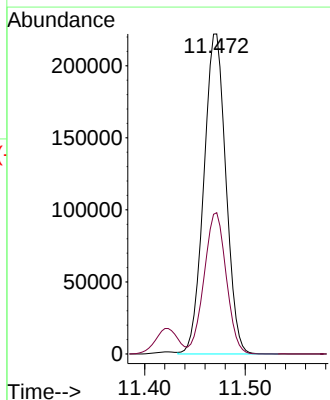
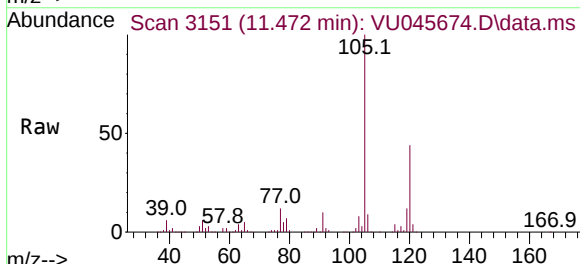
Manual Integrations
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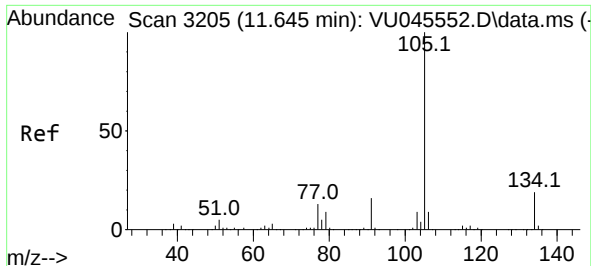
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#84
1,2,4-Trimethylbenzene
Concen: 57.779 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

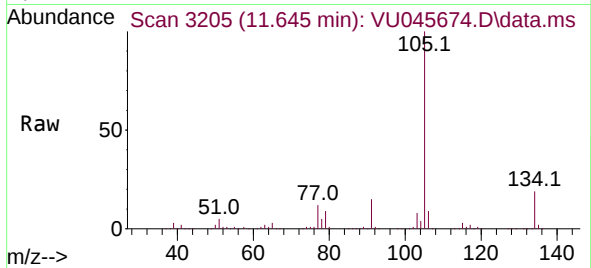
Tgt Ion:105 Resp: 338687
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 57.093 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045674.D
 Acq: 09 Nov 2021 21:19

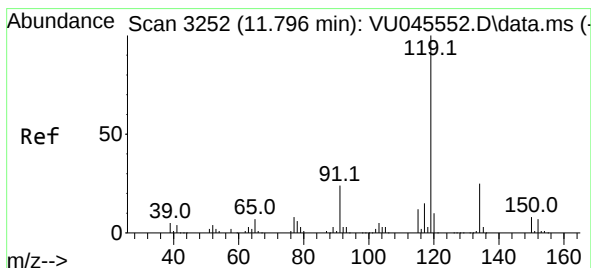
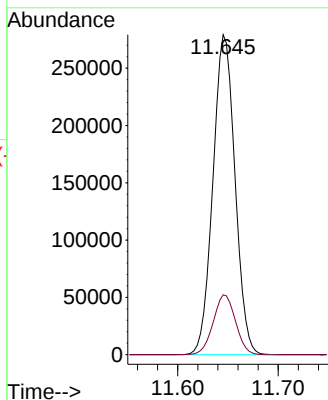
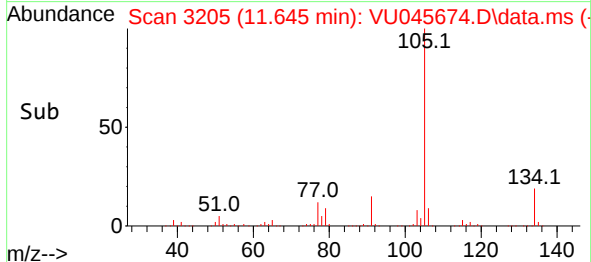
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



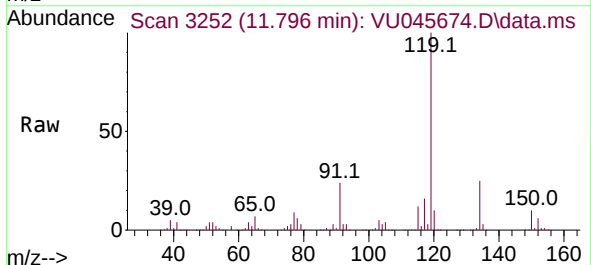
Tgt Ion:105 Resp: 425708
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

Manual Integrations
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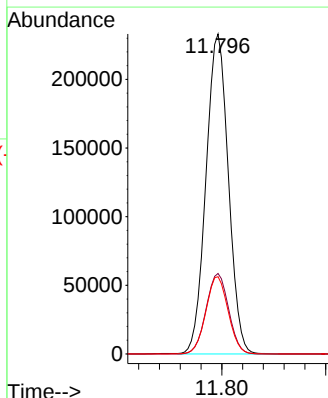
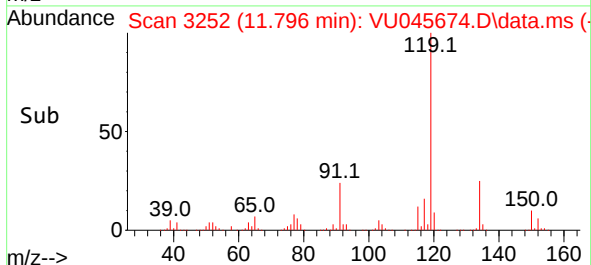
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

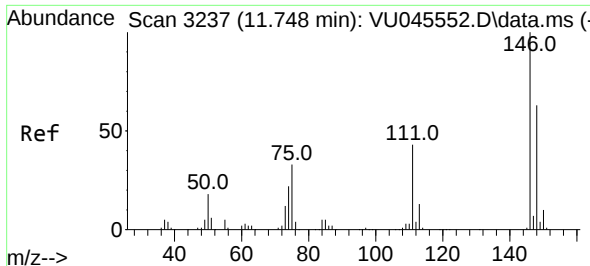


#86
 p-Isopropyltoluene
 Concen: 55.935 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045674.D
 Acq: 09 Nov 2021 21:19



Tgt Ion:119 Resp: 348528
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 53.198 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

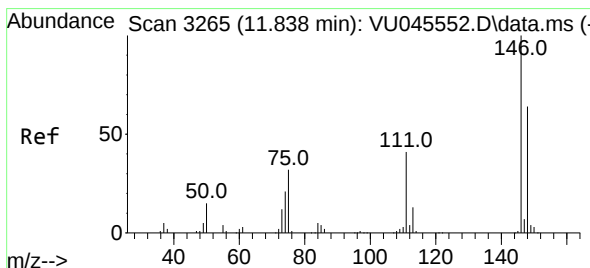
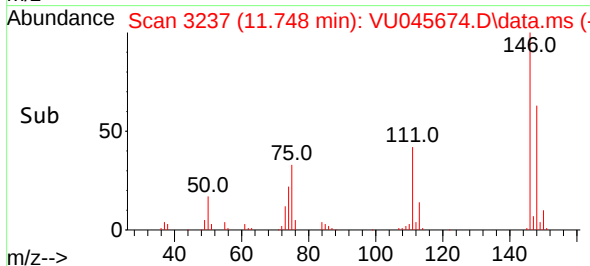
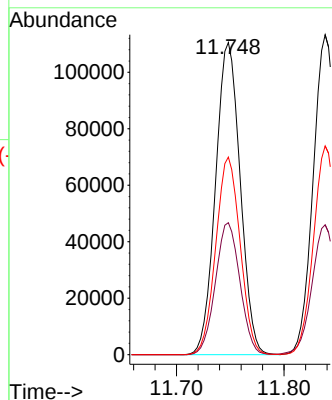
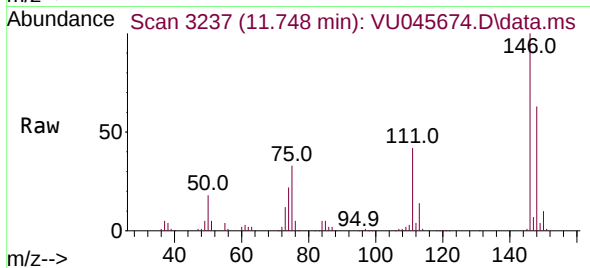
Tgt Ion:146 Resp: 175918
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.9
 148 62.7 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 52.808 ug/l

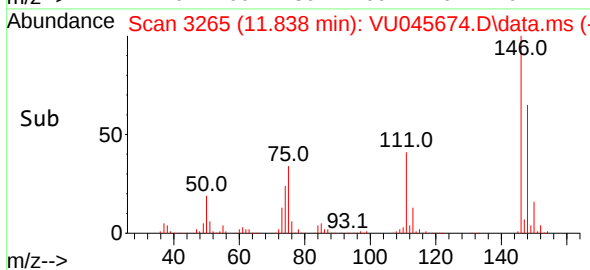
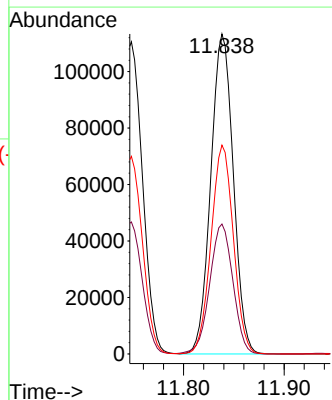
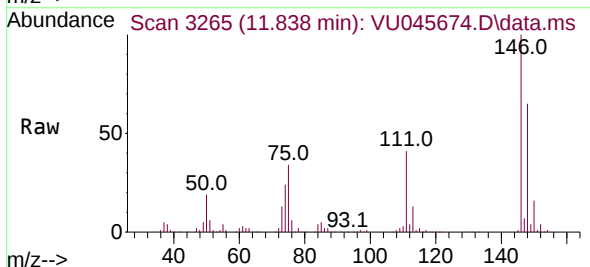
RT: 11.838 min Scan# 3265

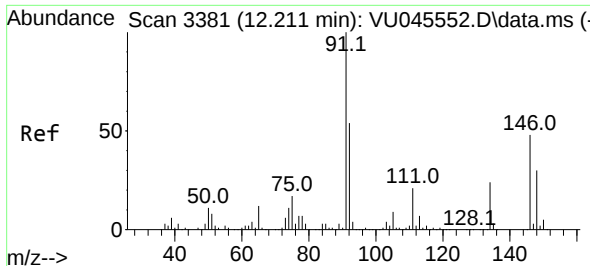
Delta R.T. 0.000 min

Lab File: VU045674.D

Acq: 09 Nov 2021 21:19

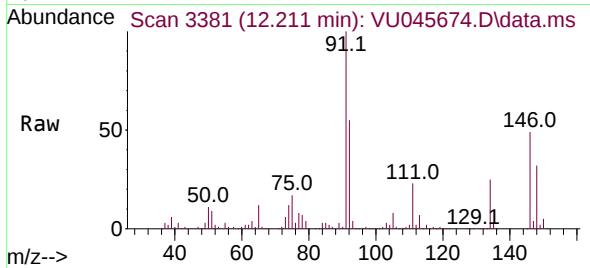
Tgt Ion:146 Resp: 176620
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 64.7 31.9 95.7





#89
n-Butylbenzene
Concen: 53.211 ug/l
RT: 12.211 min Scan# 31938
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

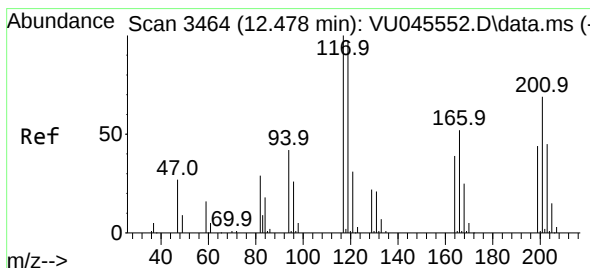
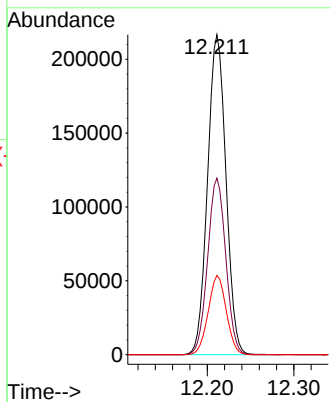
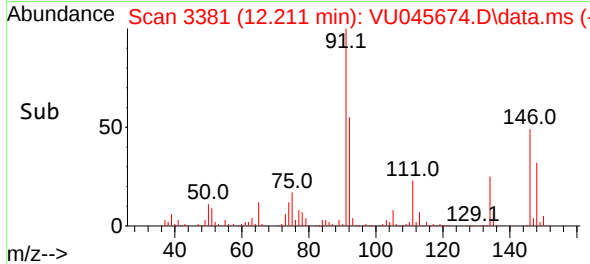
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 31938
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 24.4 11.8 35.4

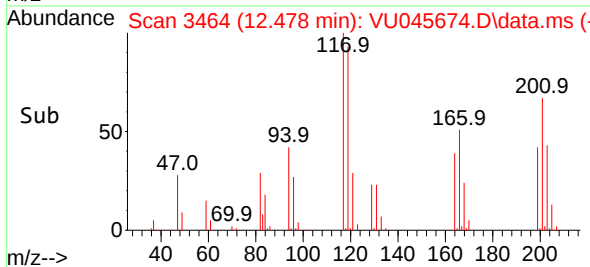
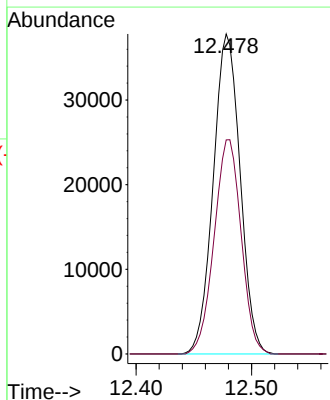
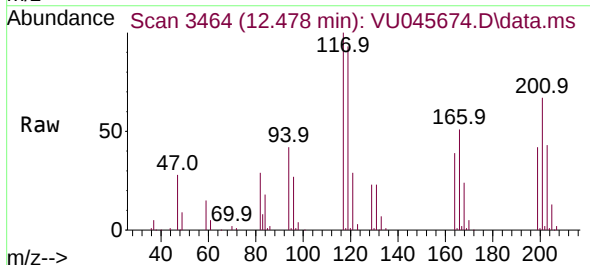
Manual Integrations
APPROVED

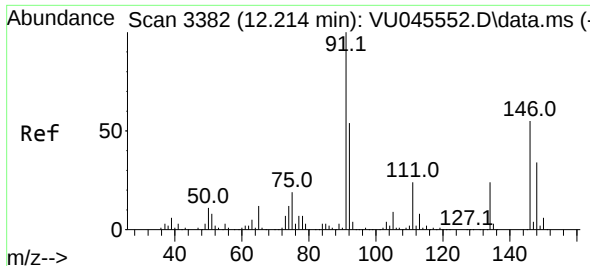
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 54.367 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

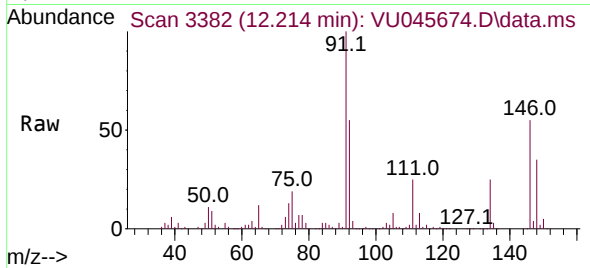
Tgt Ion:117 Resp: 61111
Ion Ratio Lower Upper
117 100
201 67.2 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 54.624 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

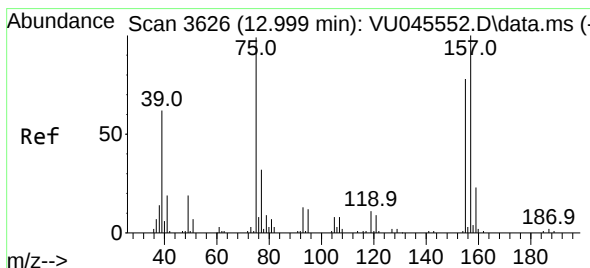
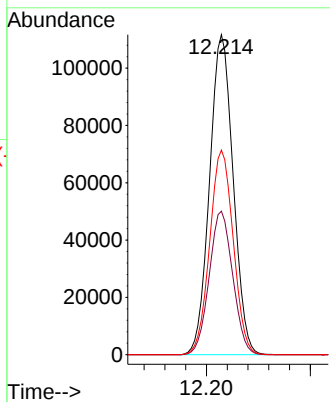
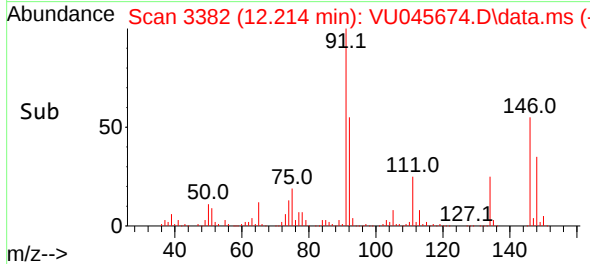
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 175744
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 64.0 32.1 96.3

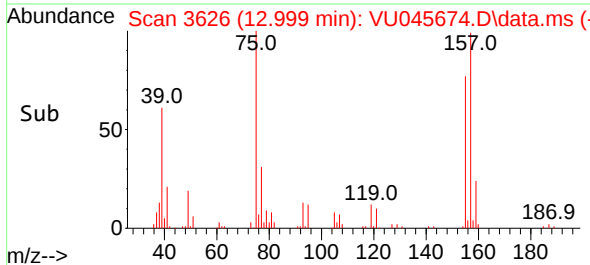
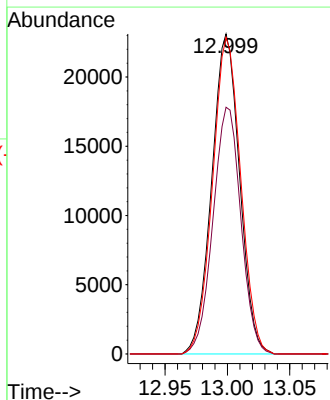
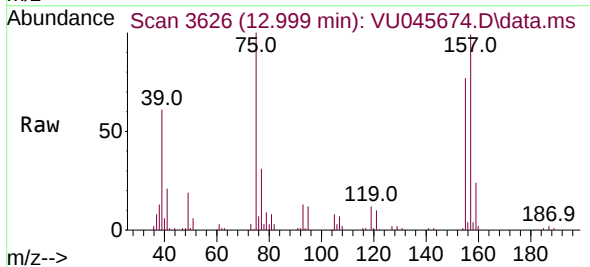
Manual Integrations
APPROVED

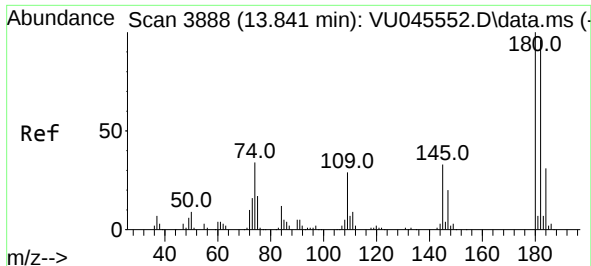
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.949 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Tgt Ion: 75 Resp: 35939
Ion Ratio Lower Upper
75 100
155 77.1 37.8 113.3
157 99.8 48.4 145.2





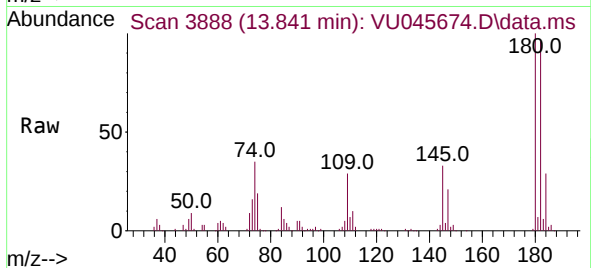
#93
1,2,4-Trichlorobenzene
Concen: 51.554 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

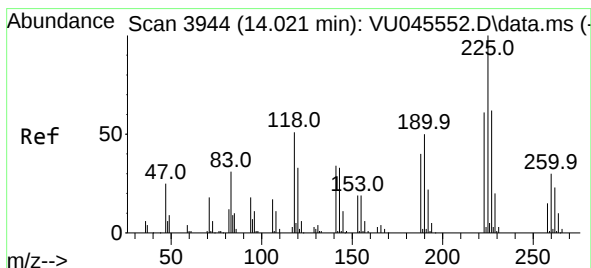
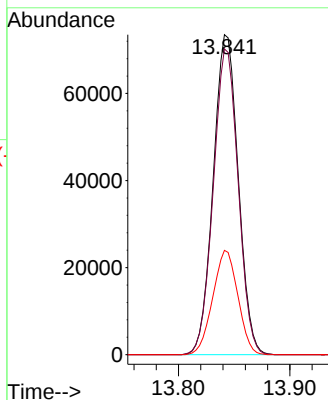
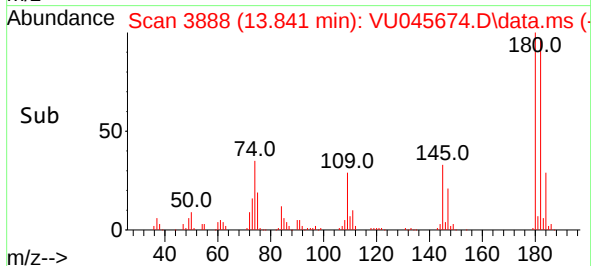


Tgt Ion:180 Resp: 114684
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 32.7 15.6 46.7

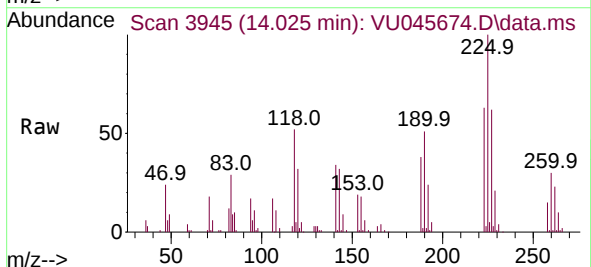
Manual Integrations

APPROVED

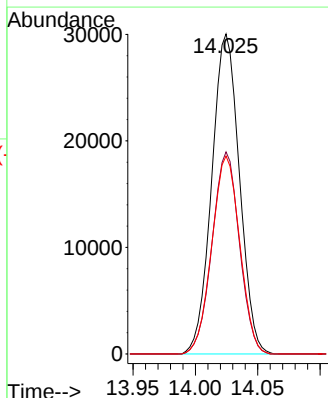
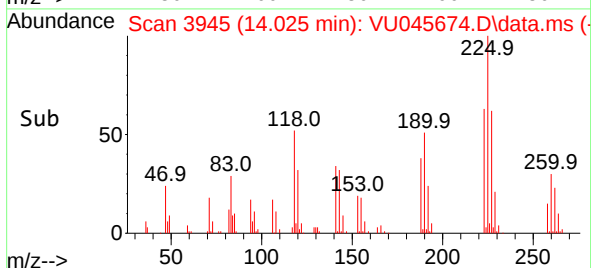
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

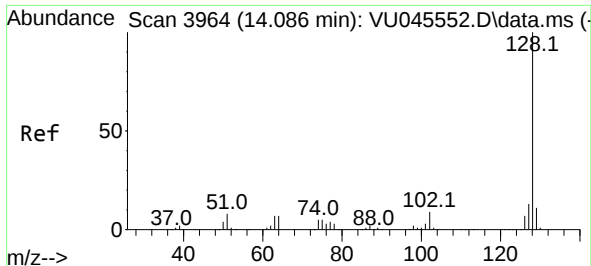


#94
Hexachlorobutadiene
Concen: 48.457 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19



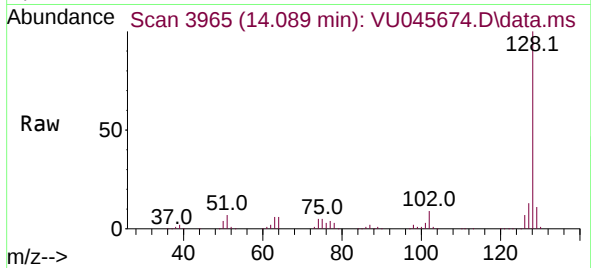
Tgt Ion:225 Resp: 46531
Ion Ratio Lower Upper
225 100
223 62.2 32.0 96.2
227 62.4 31.1 93.5





#95
Naphthalene
Concen: 52.072 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19

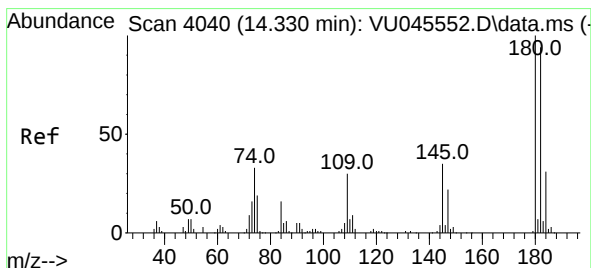
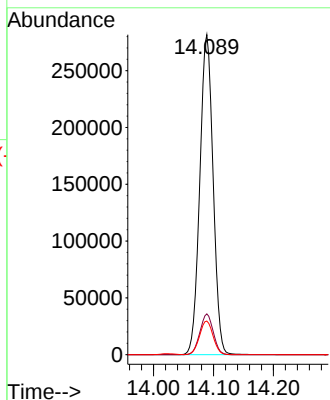
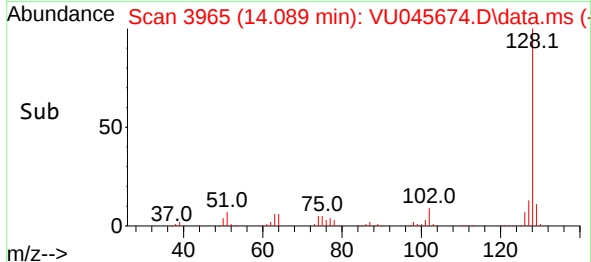
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



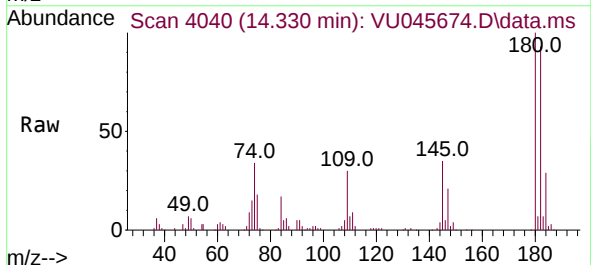
Tgt Ion:128 Resp: 43584
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 54.346 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045674.D
Acq: 09 Nov 2021 21:19



Tgt Ion:180 Resp: 120081
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 34.4 16.7 50.0

