

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045574.D
 Acq On : 05 Nov 2021 21:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 21:47:04 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	132938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	237127	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	233444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	119060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	103652	52.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.120%			
35) Dibromofluoromethane	5.292	113	80453	50.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	7.899	98	310028	52.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.320%			
62) 4-Bromofluorobenzene	10.636	95	120211	50.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88575	51.389	ug/l	99
3) Chloromethane	1.520	50	96178	48.769	ug/l	100
4) Vinyl Chloride	1.604	62	100524	52.327	ug/l	100
5) Bromomethane	1.842	94	61086	57.009	ug/l	99
6) Chloroethane	1.928	64	61805	49.297	ug/l	98
7) Trichlorofluoromethane	2.137	101	128441	50.560	ug/l	98
8) Diethyl Ether	2.379	74	51544	51.258	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	75066	50.605	ug/l	97
10) Methyl Iodide	2.723	142	97595	50.276	ug/l	92
11) Tert butyl alcohol	3.179	59	117880	299.140	ug/l	100
12) 1,1-Dichloroethene	2.581	96	74675	51.058	ug/l	94
13) Acrolein	2.485	56	20935	366.607	ug/l	98
14) Allyl chloride	2.925	41	137280	52.568	ug/l	98
15) Acrylonitrile	3.311	53	281968	268.003	ug/l	99
16) Acetone	2.623	43	233822	230.715	ug/l	99
17) Carbon Disulfide	2.793	76	203808	49.751	ug/l	99
18) Methyl Acetate	2.948	43	182274	52.804	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	280199	53.223	ug/l	98
20) Methylene Chloride	3.047	84	88582	50.303	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	79924	52.528	ug/l	94
22) Diisopropyl ether	3.996	45	277032	54.027	ug/l	93
23) Vinyl Acetate	3.957	43	1070947	271.553	ug/l	100
24) 1,1-Dichloroethane	3.871	63	160461	52.513	ug/l	99
25) 2-Butanone	4.700	43	371384	264.210	ug/l	99
26) 2,2-Dichloropropane	4.668	77	121744	48.081	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	94796	53.044	ug/l	100
28) Bromochloromethane	4.977	49	74224	50.952	ug/l	98
29) Tetrahydrofuran	5.051	42	234175	272.359	ug/l	100
30) Chloroform	5.092	83	157420	52.091	ug/l	100
31) Cyclohexane	5.391	56	145292	50.016	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	136236	52.864	ug/l	98
36) 1,1-Dichloropropene	5.530	75	116643	50.448	ug/l	99
37) Ethyl Acetate	4.803	43	137998	51.957	ug/l	99
38) Carbon Tetrachloride	5.526	117	118424	50.803	ug/l	99
39) Methylcyclohexane	6.764	83	142561	50.258	ug/l	96
40) Benzene	5.777	78	341958	49.954	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	75457	53.759	ug/l	99
42) 1,2-Dichloroethane	5.796	62	127616	51.611	ug/l	100
43) Isopropyl Acetate	5.912	43	214447	52.787	ug/l	100
44) Trichloroethene	6.546	130	82937	50.615	ug/l	98
45) 1,2-Dichloropropane	6.793	63	94884	52.384	ug/l	96
46) Dibromomethane	6.919	93	64481	51.378	ug/l	100
47) Bromodichloromethane	7.108	83	125006	52.494	ug/l	99
48) Methyl methacrylate	6.960	41	99539	53.234	ug/l	97
49) 1,4-Dioxane	6.964	88	57149	1188.478	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	718503	268.113	ug/l	100
52) Toluene	7.970	92	219600	52.398	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	140763	51.433	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	151592	52.149	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	90654	52.191	ug/l	98
56) Ethyl methacrylate	8.333	69	149178	47.985	ug/l	97
57) 1,3-Dichloropropane	8.578	76	161153	51.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	388602	243.014	ug/l	99
59) 2-Hexanone	8.684	43	562199	241.367	ug/l	98
60) Dibromochloromethane	8.812	129	94289	52.132	ug/l	98
61) 1,2-Dibromoethane	8.925	107	95443	51.233	ug/l	99
64) Tetrachloroethene	8.555	164	68188	50.892	ug/l	99
65) Chlorobenzene	9.449	112	229579	50.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	82749	50.599	ug/l	99
67) Ethyl Benzene	9.571	91	423065	51.520	ug/l	99
68) m/p-Xylenes	9.697	106	322836	104.245	ug/l	98
69) o-Xylene	10.102	106	157666	52.366	ug/l	98
70) Styrene	10.115	104	270512	53.108	ug/l	99
71) Bromoform	10.291	173	69302	45.095	ug/l #	98
73) Isopropylbenzene	10.484	105	416909	53.592	ug/l	100
74) N-amyl acetate	10.320	43	193388	55.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	157136	50.983	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	143589m	39.769	ug/l	
77) Bromobenzene	10.783	156	97160	51.441	ug/l	97
78) n-propylbenzene	10.906	91	509566	52.630	ug/l	100
79) 2-Chlorotoluene	10.989	91	299105	52.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	364042	53.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	50045	45.681	ug/l	97
82) 4-Chlorotoluene	11.099	91	353823	52.742	ug/l	100
83) tert-Butylbenzene	11.423	119	343796	53.062	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	364415	53.946	ug/l	99
85) sec-Butylbenzene	11.645	105	453846	52.817	ug/l	100
86) p-Isopropyltoluene	11.796	119	378393	52.697	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	191715	50.307	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	193073	50.093	ug/l	100
89) n-Butylbenzene	12.211	91	358537	51.834	ug/l	100
90) Hexachloroethane	12.478	117	66520	51.353	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	188867	50.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	38953	53.562	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	130284	50.821	ug/l	98
94) Hexachlorobutadiene	14.024	225	51992	46.984	ug/l	99
95) Naphthalene	14.089	128	483530	50.168	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	132514	52.041	ug/l	99

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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

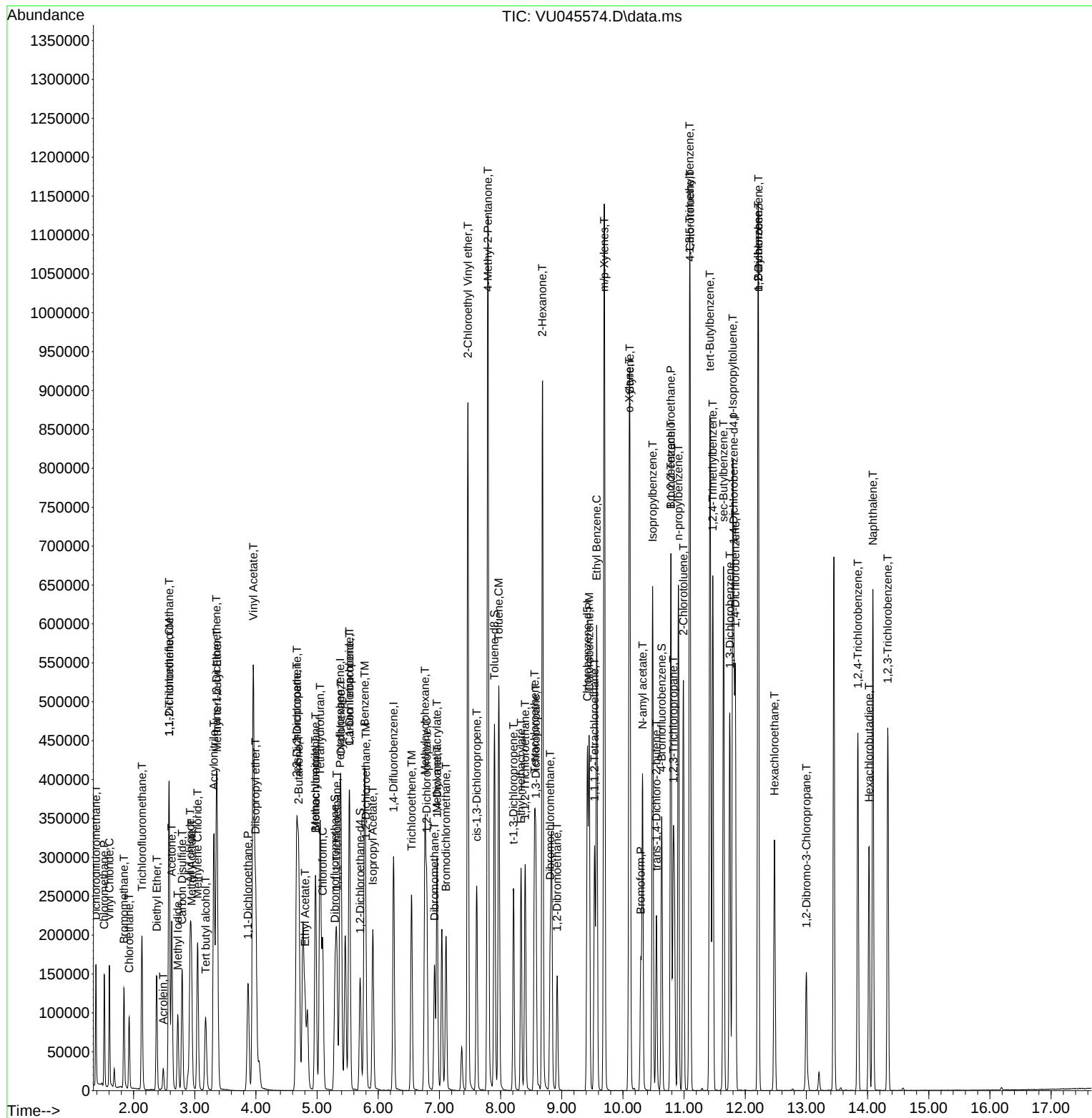
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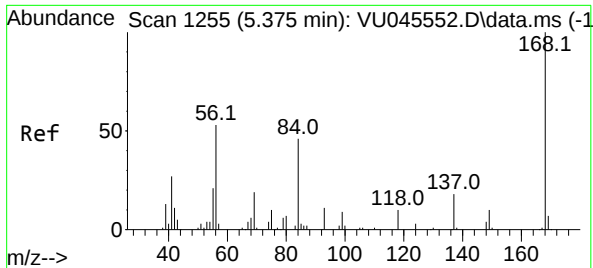
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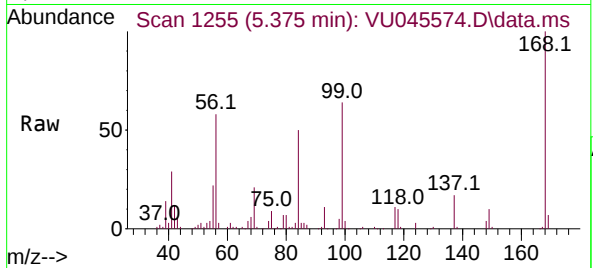
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045574.D
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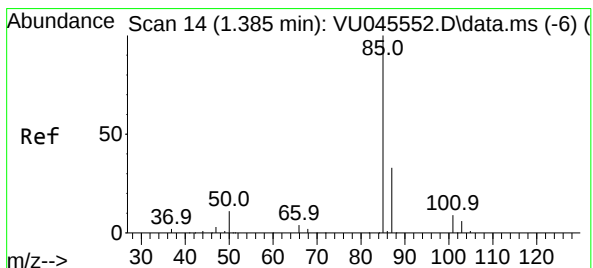
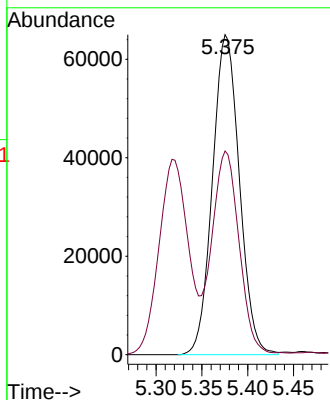
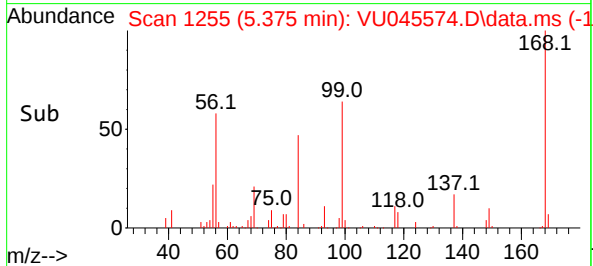
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 132938
Ion Ratio Lower Upper
168 100
99 63.0 51.0 76.6

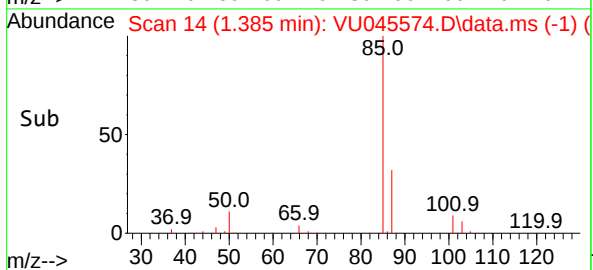
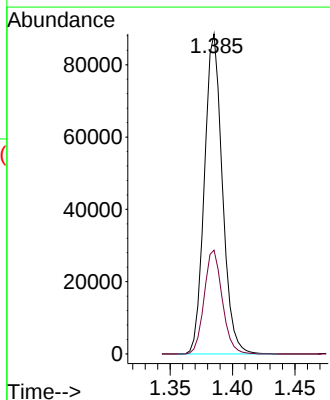
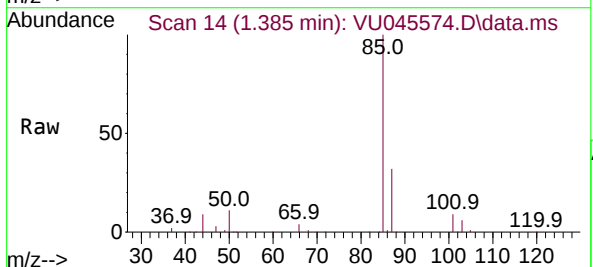
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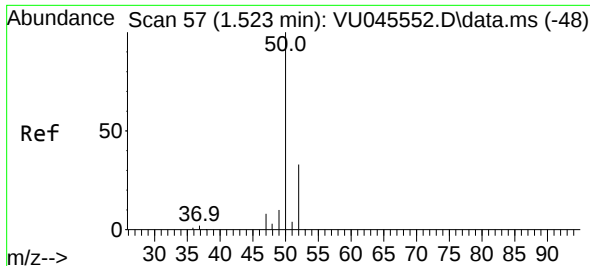
Reviewed By :John Carlone 11/08/2021
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#2
Dichlorodifluoromethane
Concen: 51.389 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

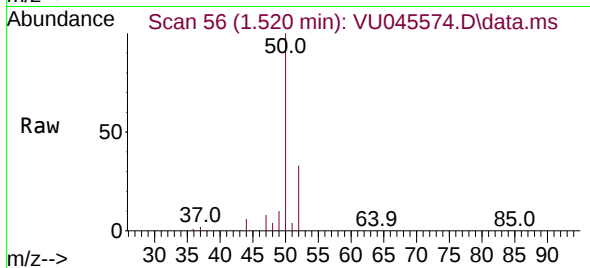
Tgt Ion: 85 Resp: 88575
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7





#3
Chloromethane
Concen: 48.769 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

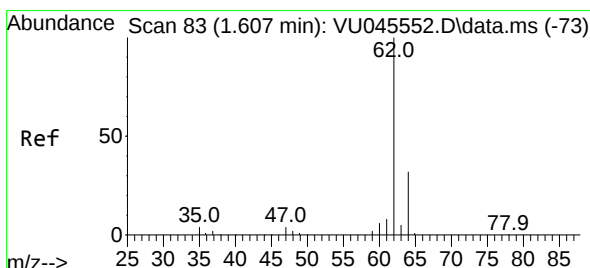
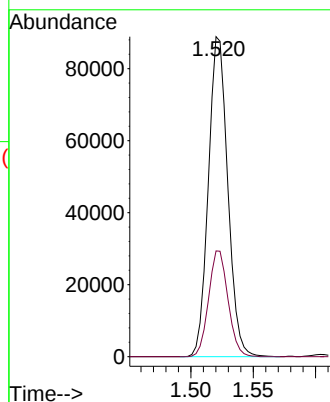
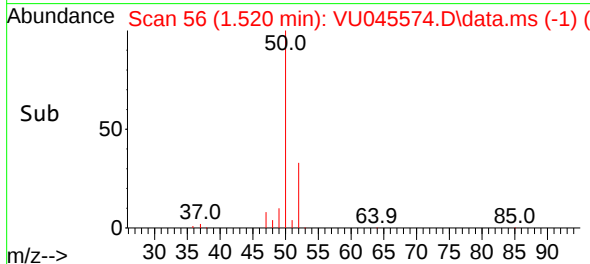
Instrument :
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Tgt Ion: 50 Resp: 96178
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

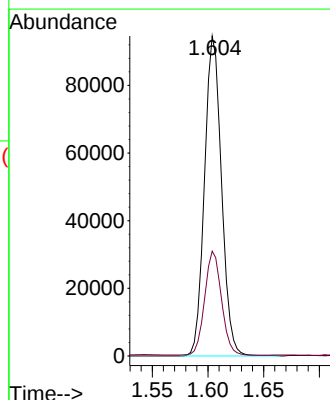
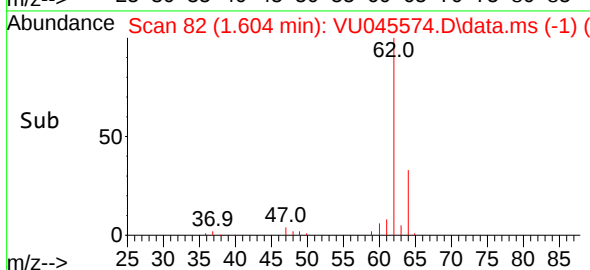
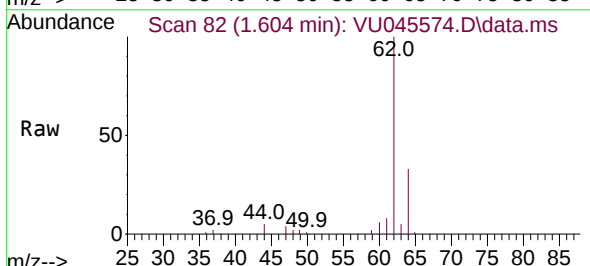
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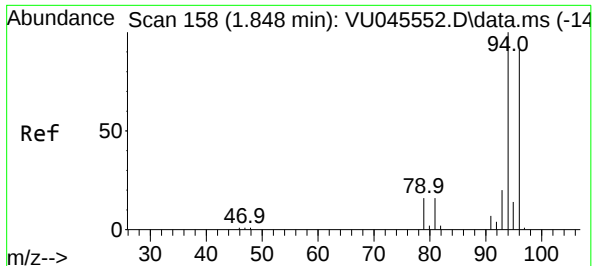
Reviewed By :John Carlone 11/08/2021
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#4
Vinyl Chloride
Concen: 52.327 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

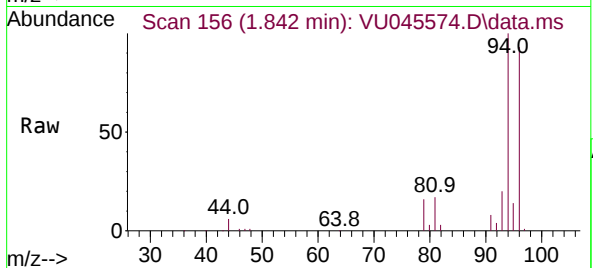
Tgt Ion: 62 Resp: 100524
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 57.009 ug/l
RT: 1.842 min Scan# 156
Delta R.T. -0.006 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

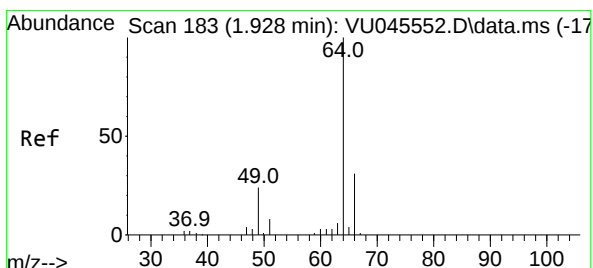
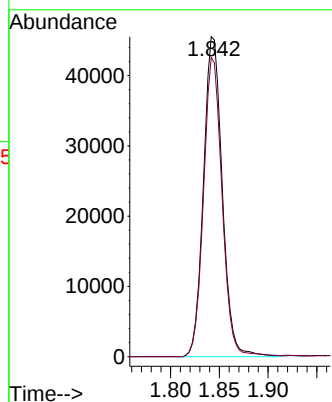
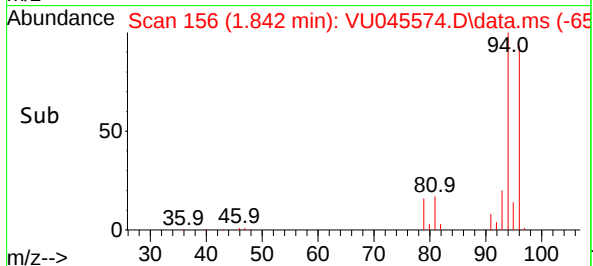
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Tgt Ion: 94 Resp: 61080
Ion Ratio Lower Upper
94 100
96 93.5 75.4 113.2

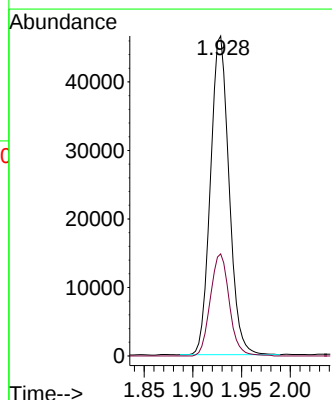
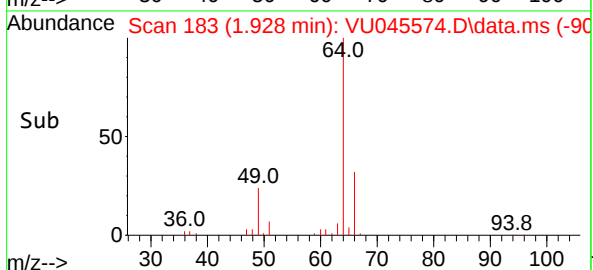
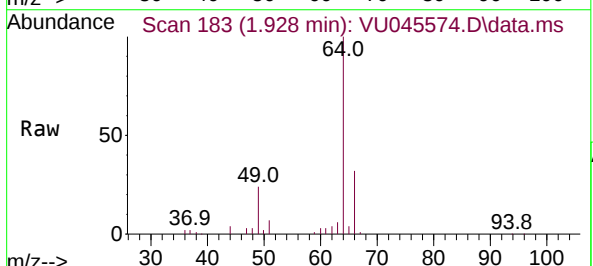
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#6
Chloroethane
Concen: 49.297 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

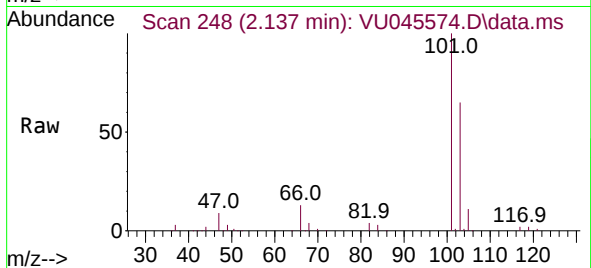
Tgt Ion: 64 Resp: 61805
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.560 ug/l
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

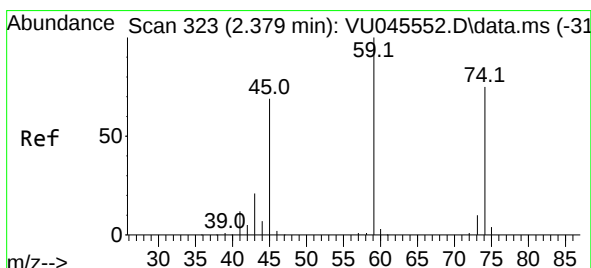
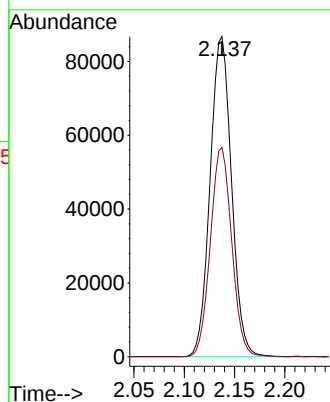
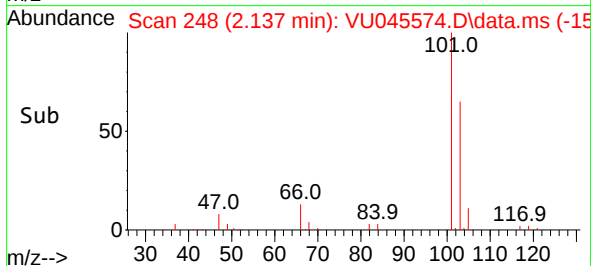
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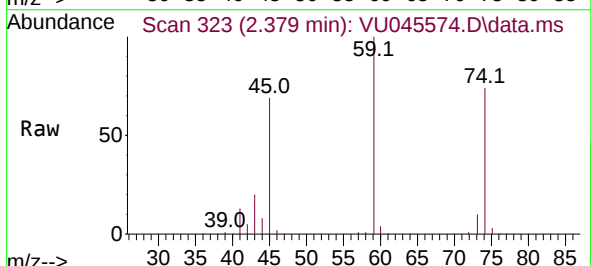
Tgt Ion:101 Resp: 12844
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

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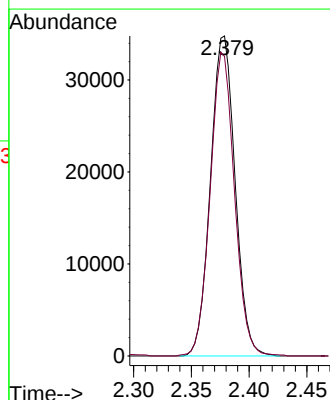
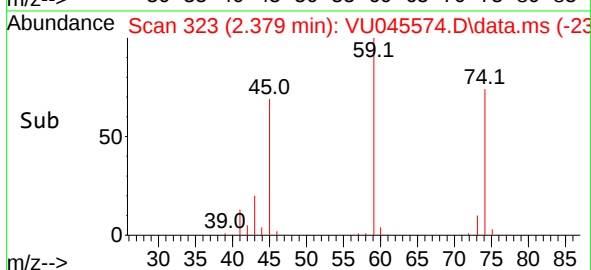
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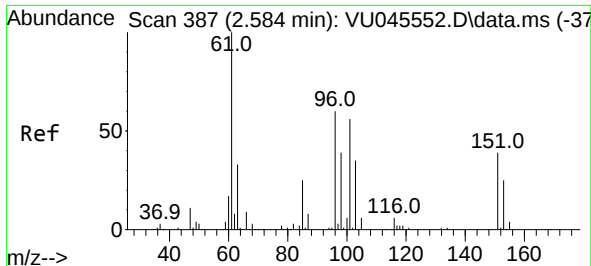


#8
Diethyl Ether
Concen: 51.258 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045574.D
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Tgt Ion: 74 Resp: 51544
Ion Ratio Lower Upper
74 100
45 93.9 47.3 141.8





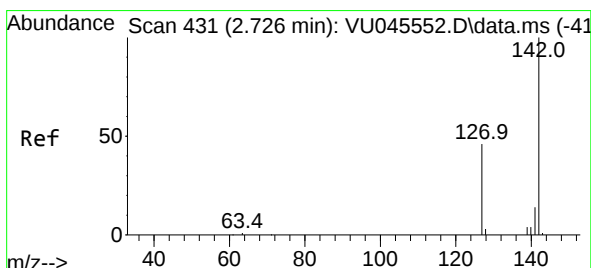
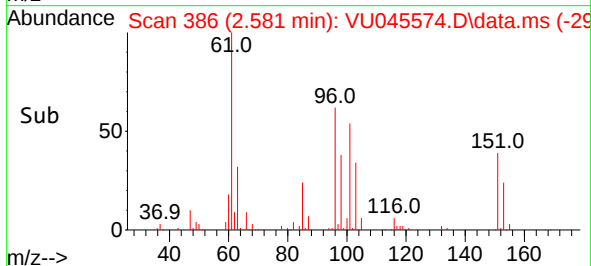
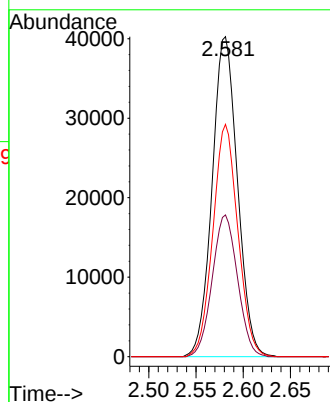
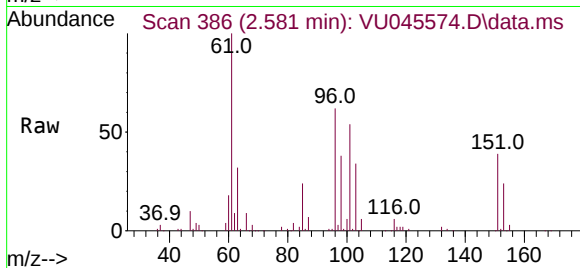
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.605 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7506
Ion Ratio Lower Upper
101 100
85 44.2 35.0 52.4
151 71.5 54.6 82.0

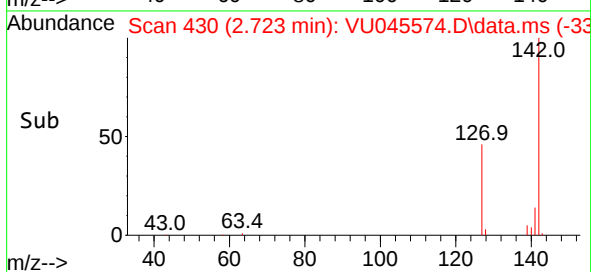
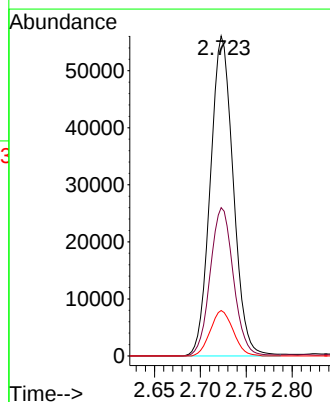
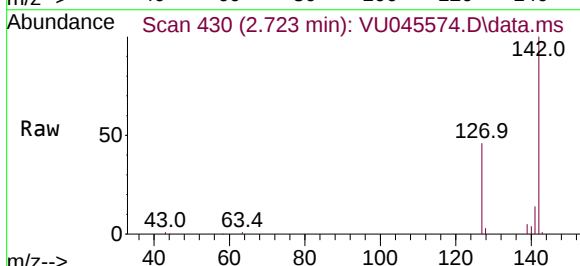
Manual Integrations
APPROVED

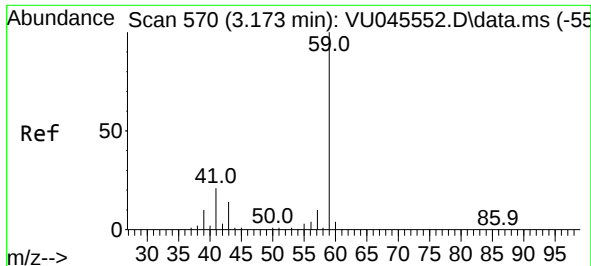
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#10
Methyl Iodide
Concen: 50.276 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

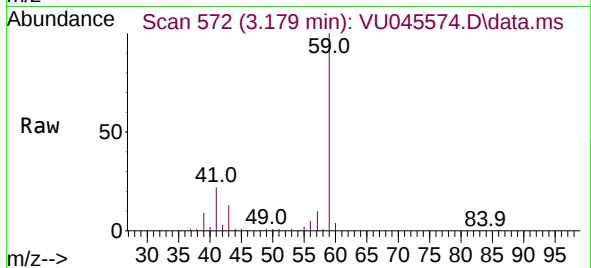
Tgt Ion:142 Resp: 97595
Ion Ratio Lower Upper
142 100
127 46.9 32.2 48.2
141 14.2 11.3 16.9





#11
Tert butyl alcohol
Concen: 299.140 ug/l
RT: 3.179 min Scan# 511
Delta R.T. 0.006 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

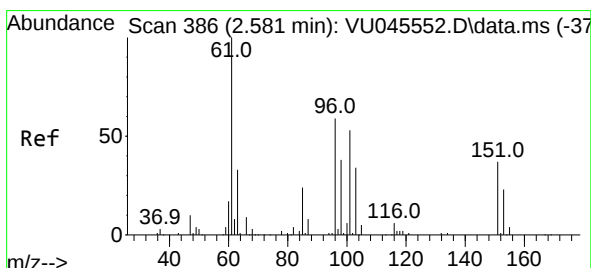
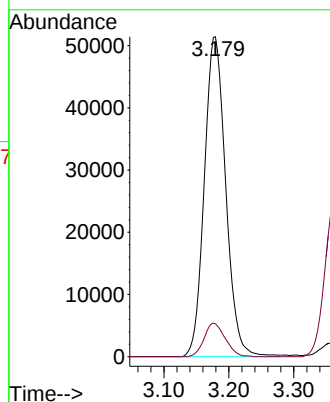
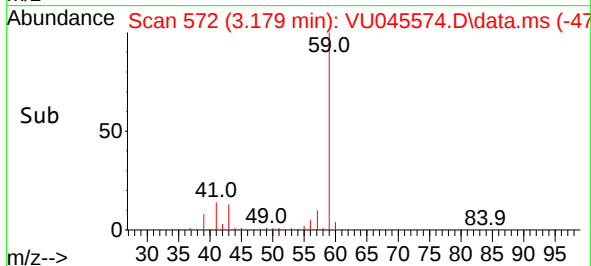
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 117880
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

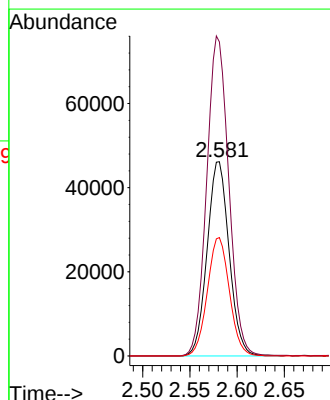
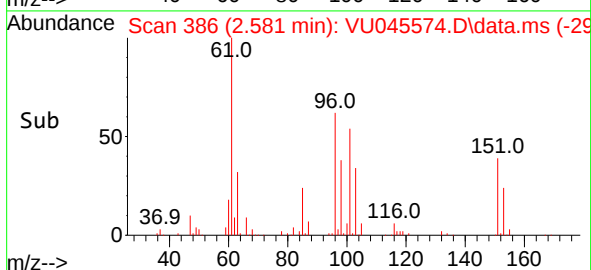
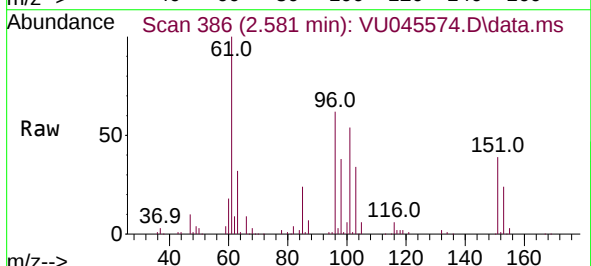
Manual Integrations
APPROVED

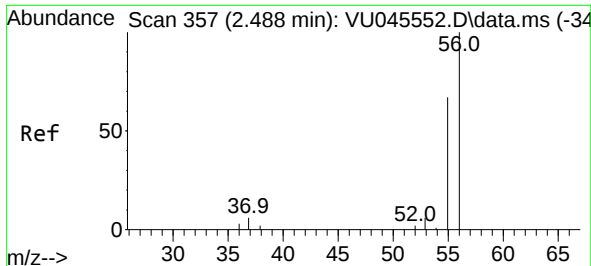
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#12
1,1-Dichloroethene
Concen: 51.058 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Tgt Ion: 96 Resp: 74675
Ion Ratio Lower Upper
96 100
61 161.7 137.1 205.7
98 61.0 51.5 77.3





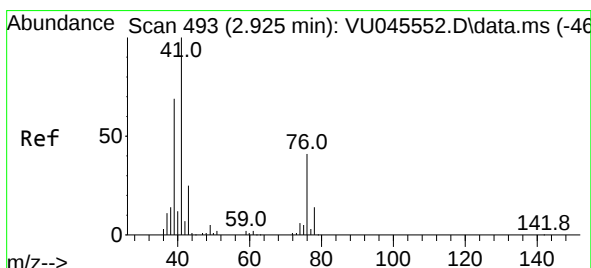
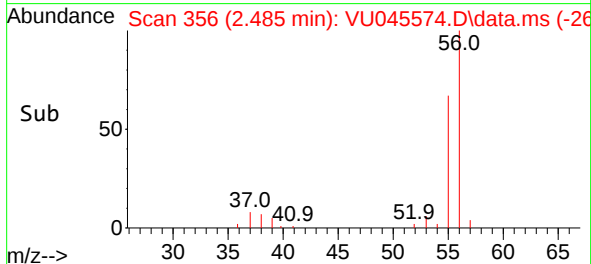
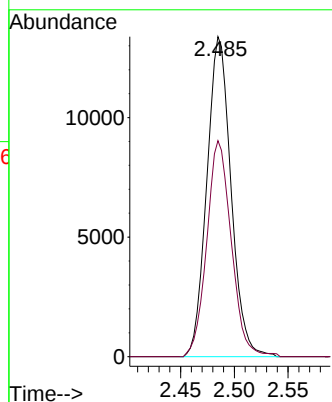
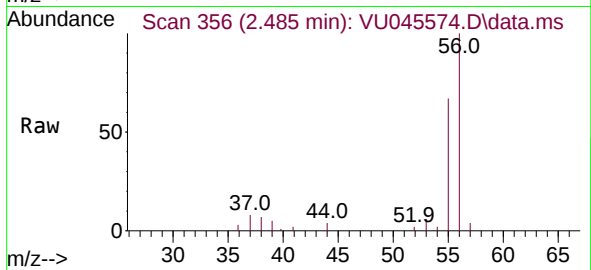
#13
Acrolein
Concen: 366.607 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 20935
Ion Ratio Lower Upper
56 100
55 68.5 56.3 84.5

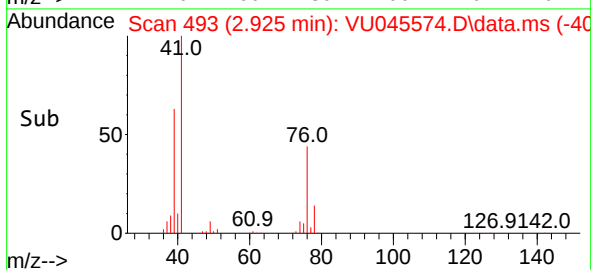
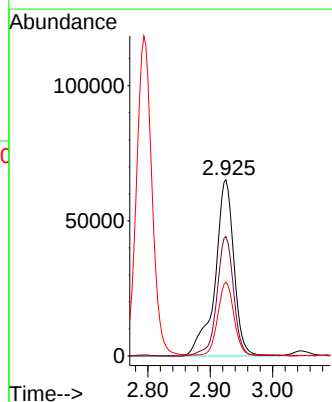
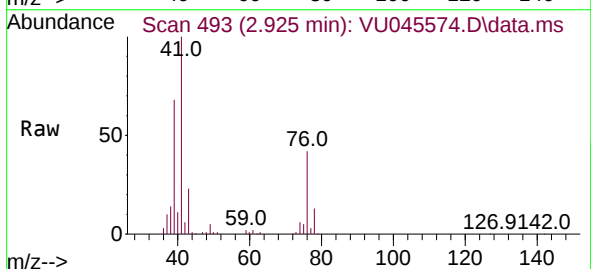
Manual Integrations
APPROVED

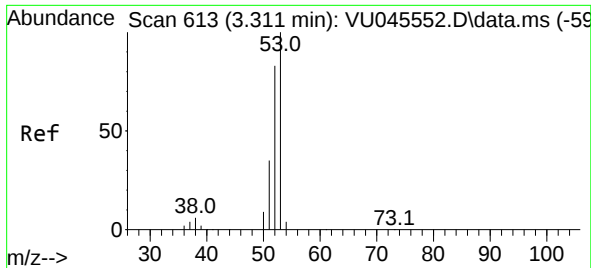
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#14
Allyl chloride
Concen: 52.568 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

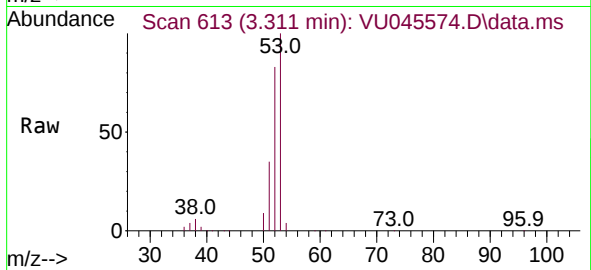
Tgt Ion: 41 Resp: 137280
Ion Ratio Lower Upper
41 100
39 59.9 49.7 74.5
76 35.0 27.7 41.5





#15
Acrylonitrile
Concen: 268.003 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

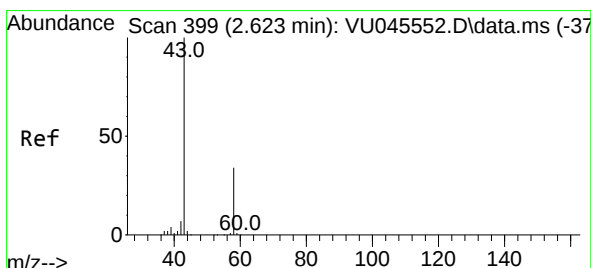
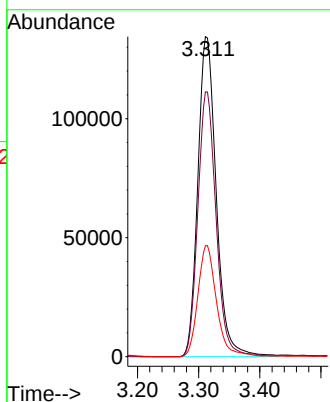
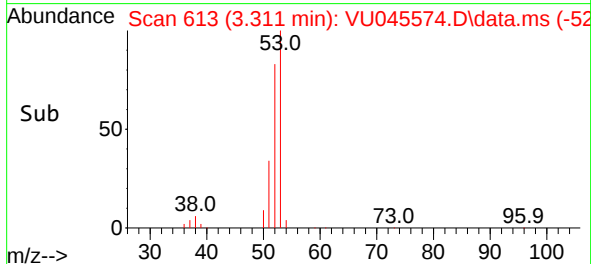
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 281968
Ion Ratio Lower Upper
53 100
52 81.8 66.6 100.0
51 35.1 28.4 42.6

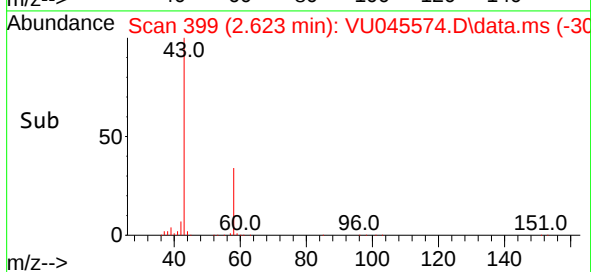
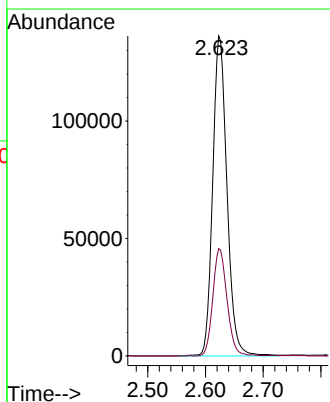
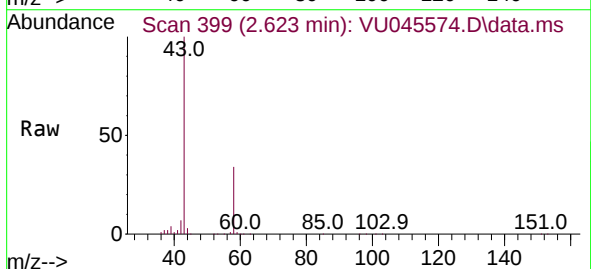
Manual Integrations
APPROVED

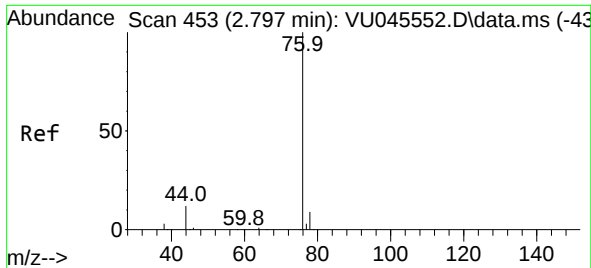
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#16
Acetone
Concen: 230.715 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

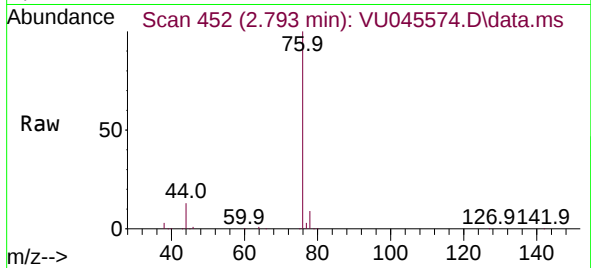
Tgt Ion: 43 Resp: 233822
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.2





#17
Carbon Disulfide
Concen: 49.751 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

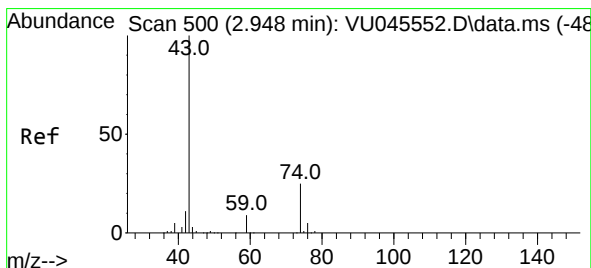
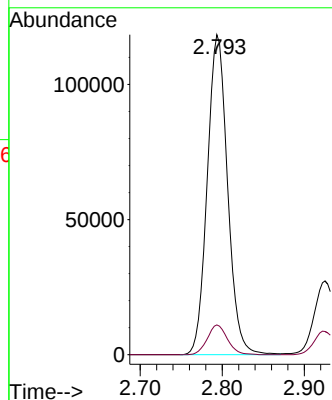
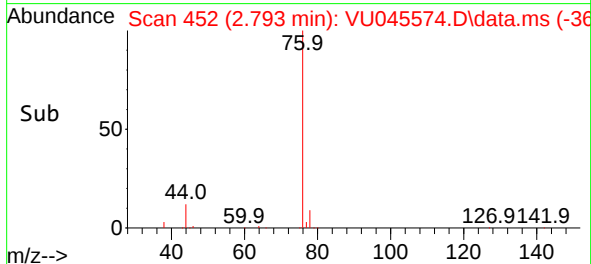
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 203808
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

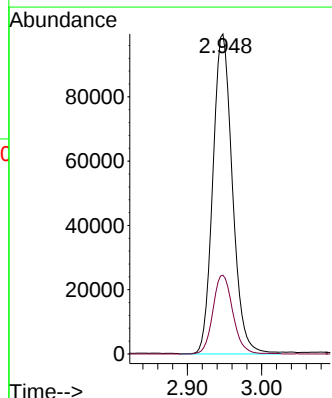
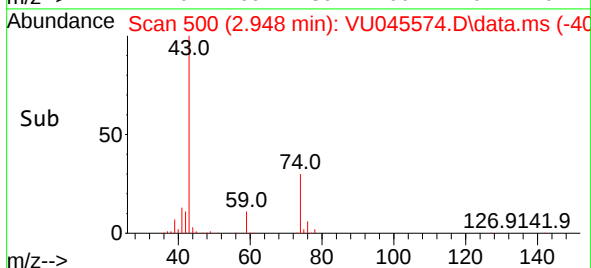
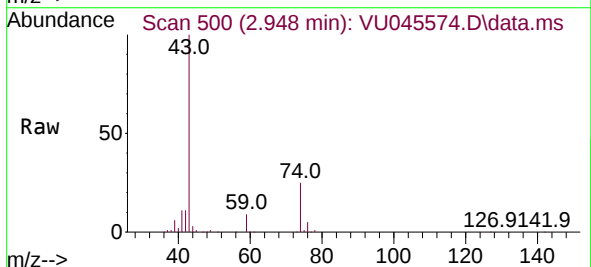
Manual Integrations
APPROVED

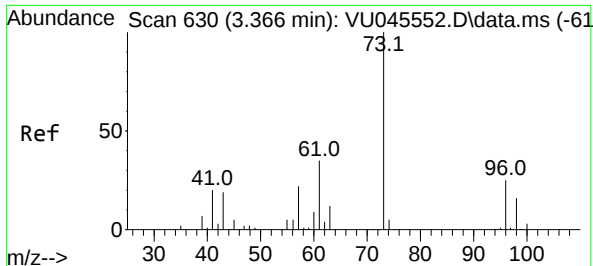
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#18
Methyl Acetate
Concen: 52.804 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

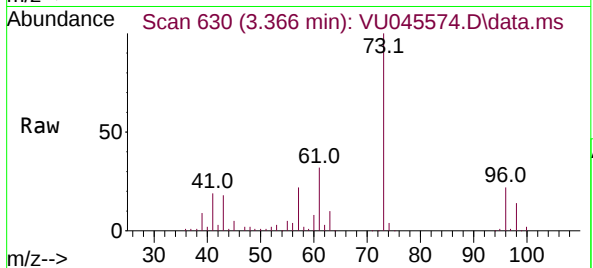
Tgt Ion: 43 Resp: 182274
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 53.223 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

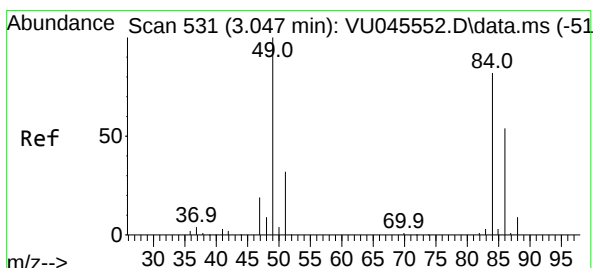
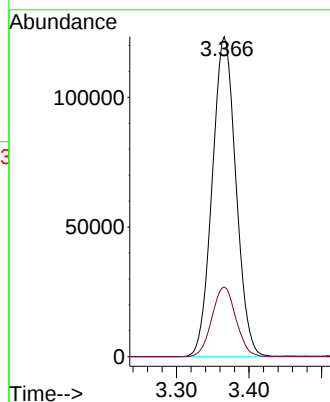
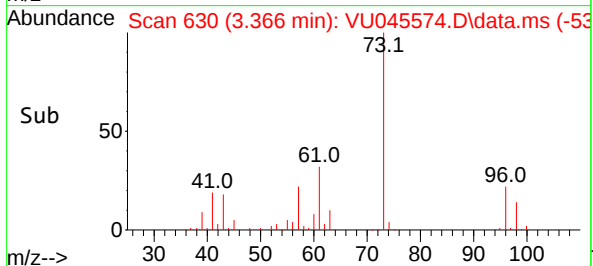
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 280199
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1

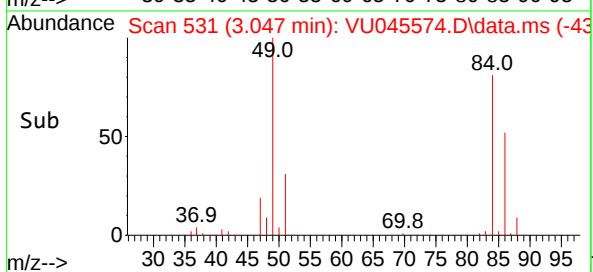
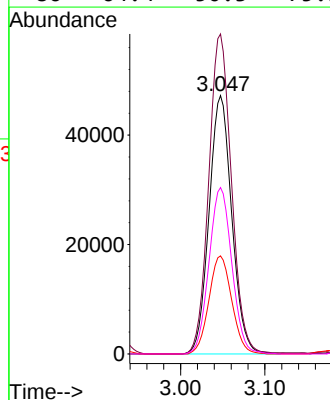
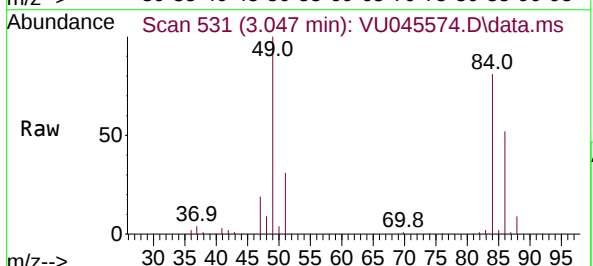
Manual Integrations
APPROVED

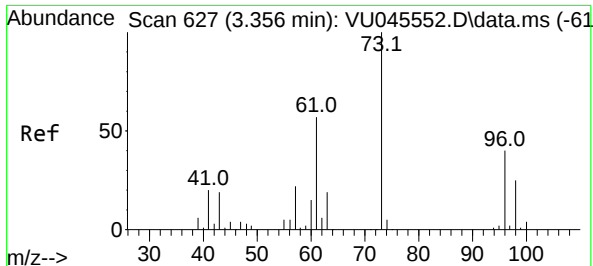
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#20
Methylene Chloride
Concen: 50.303 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

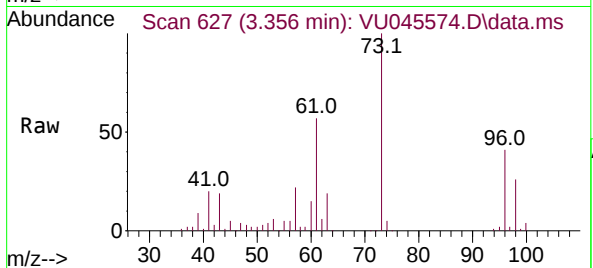
Tgt Ion: 84 Resp: 88582
Ion Ratio Lower Upper
84 100
49 123.8 96.4 144.6
51 37.9 30.5 45.7
86 64.4 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 52.528 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

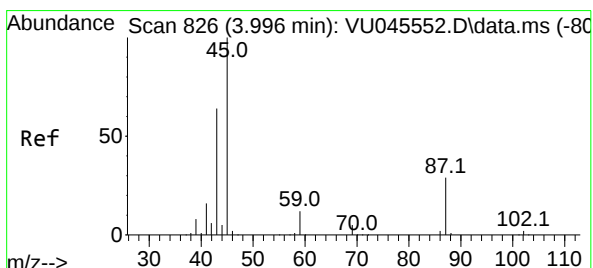
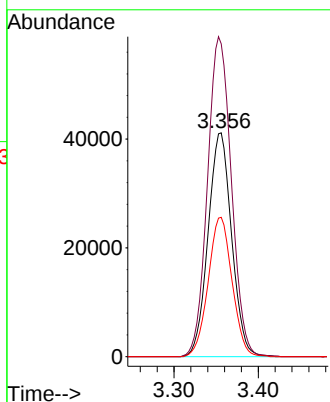
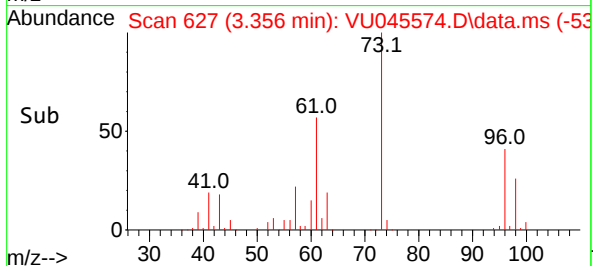
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



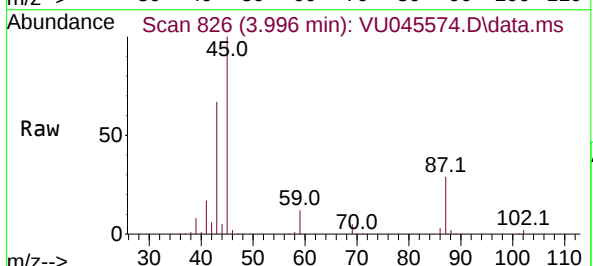
Tgt Ion: 96 Resp: 79924
Ion Ratio Lower Upper
96 100
61 139.8 118.2 177.4
98 62.3 52.1 78.1

Manual Integrations
APPROVED

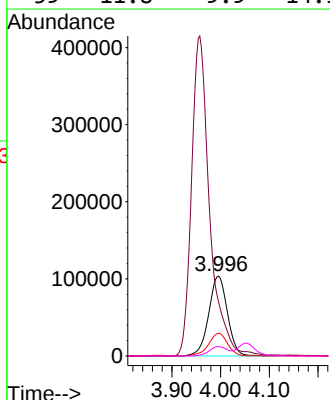
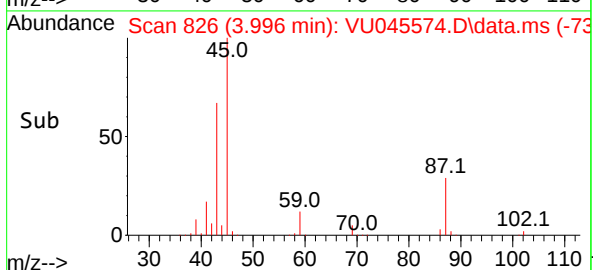
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

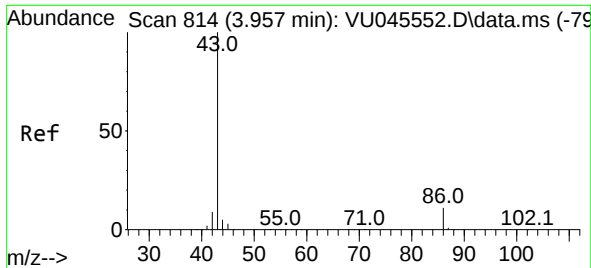


#22
Diisopropyl ether
Concen: 54.027 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



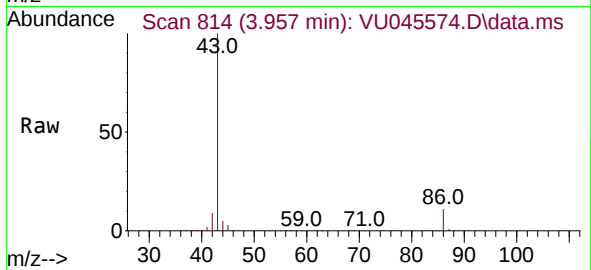
Tgt Ion: 45 Resp: 277032
Ion Ratio Lower Upper
45 100
43 65.9 60.0 90.0
87 28.5 22.3 33.5
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 271.553 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045574.D
 Acq: 05 Nov 2021 21:10

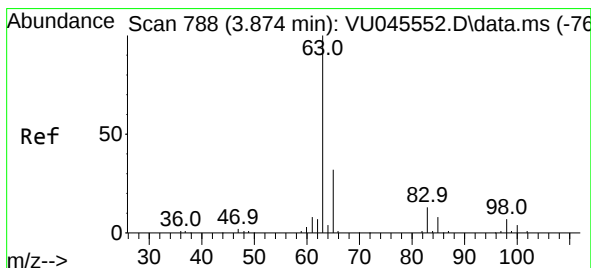
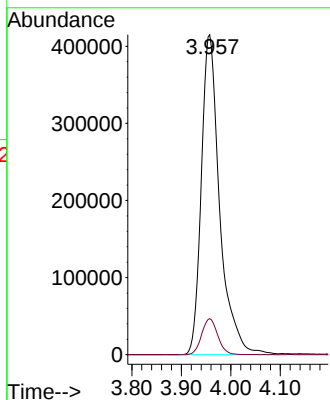
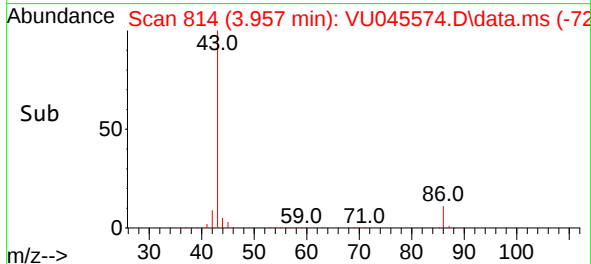
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



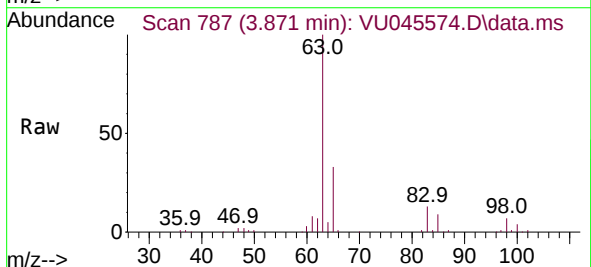
Tgt Ion: 43 Resp: 107094
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

Manual Integrations
 APPROVED

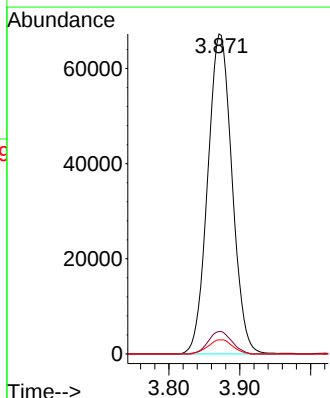
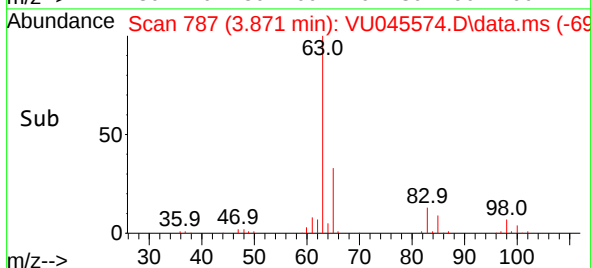
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

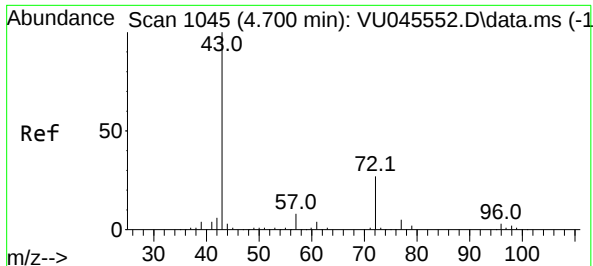


#24
 1,1-Dichloroethane
 Concen: 52.513 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045574.D
 Acq: 05 Nov 2021 21:10



Tgt Ion: 63 Resp: 160461
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 264.210 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 371384

Ion Ratio Lower Upper

43 100

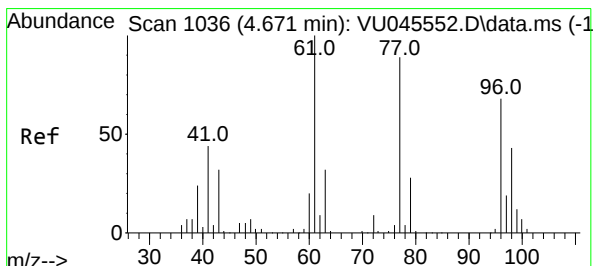
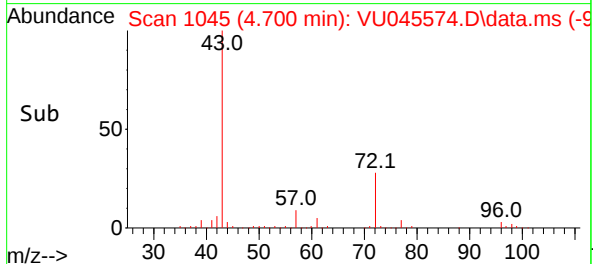
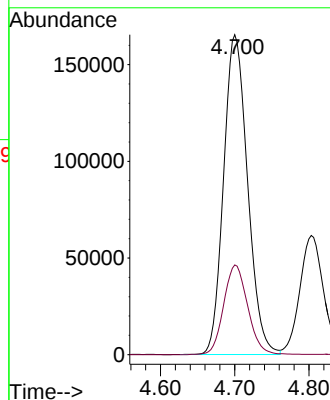
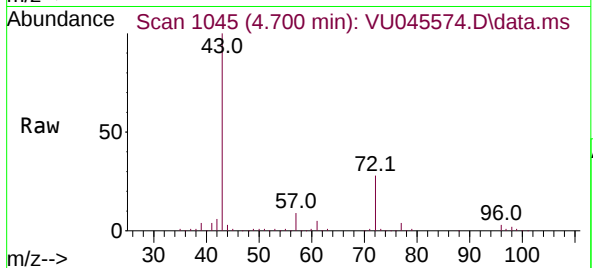
72 28.1 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#26

2,2-Dichloropropane

Concen: 48.081 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045574.D

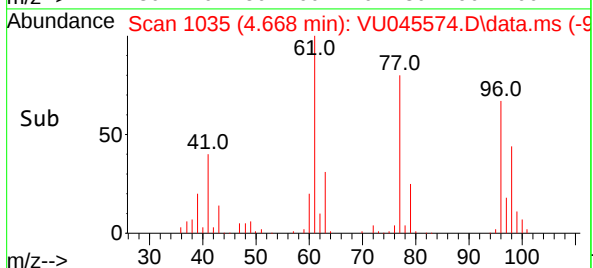
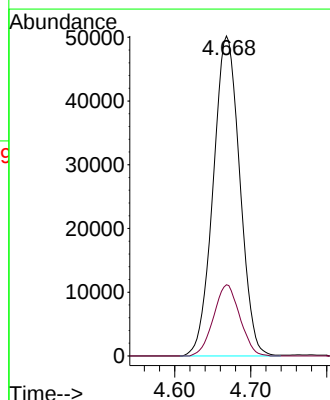
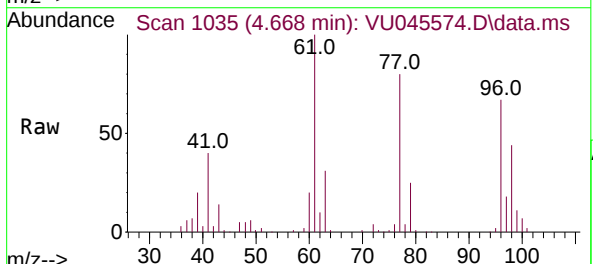
Acq: 05 Nov 2021 21:10

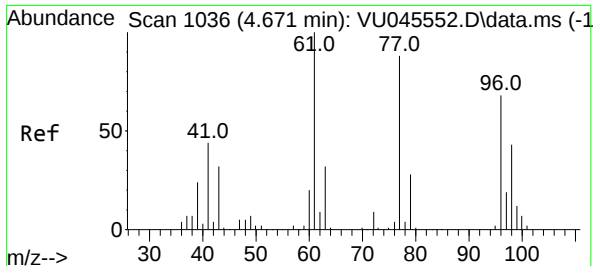
Tgt Ion: 77 Resp: 121744

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.044 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 94790

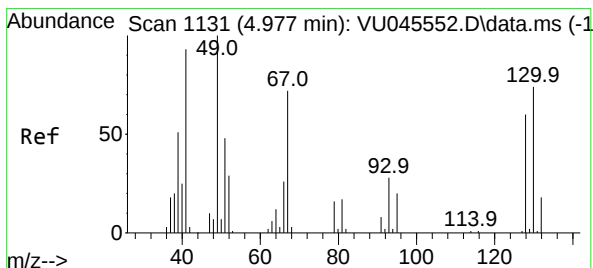
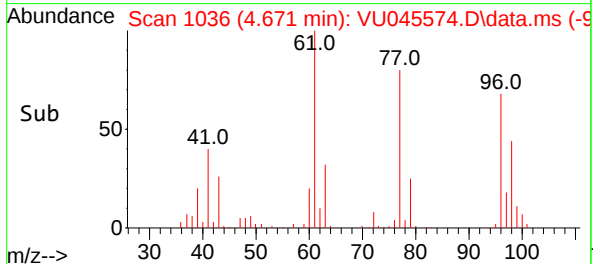
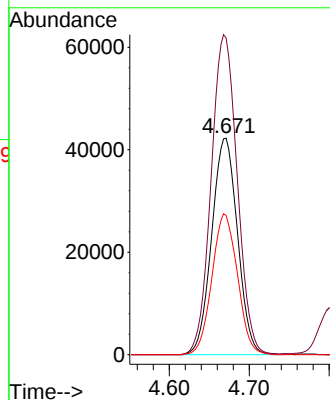
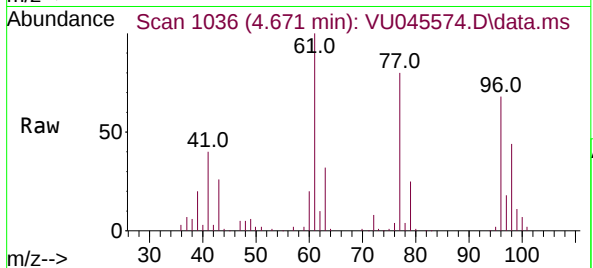
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	299.2
98	64.2	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#28

Bromochloromethane

Concen: 50.952 ug/l

RT: 4.977 min Scan# 1131

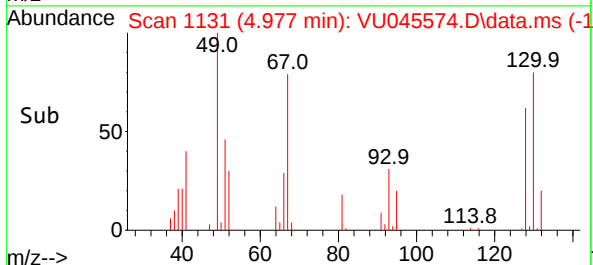
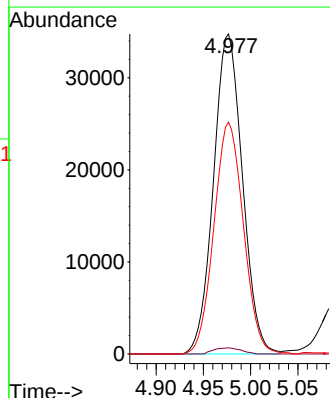
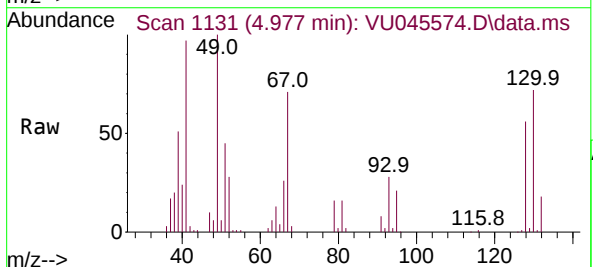
Delta R.T. 0.000 min

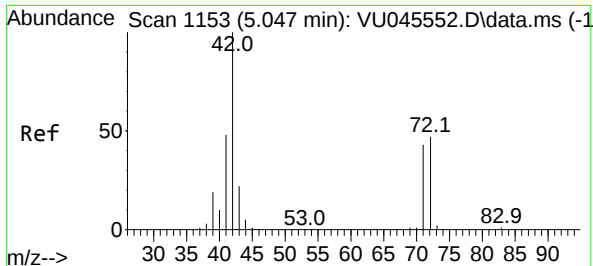
Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Tgt Ion: 49 Resp: 74224

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	73.6	57.5	86.3





#29

Tetrahydrofuran

Concen: 272.359 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 23417

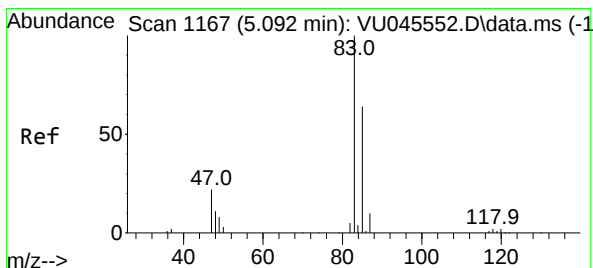
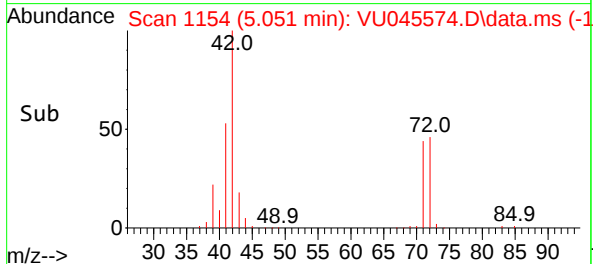
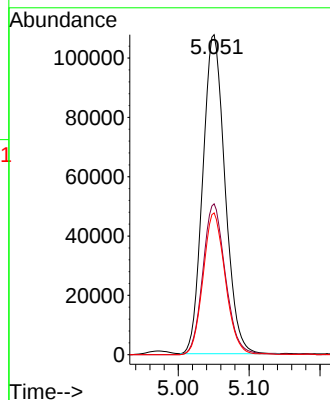
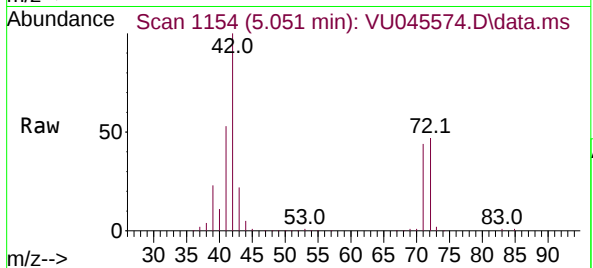
Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.2	57.4
71	44.3	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#30

Chloroform

Concen: 52.091 ug/l

RT: 5.092 min Scan# 1167

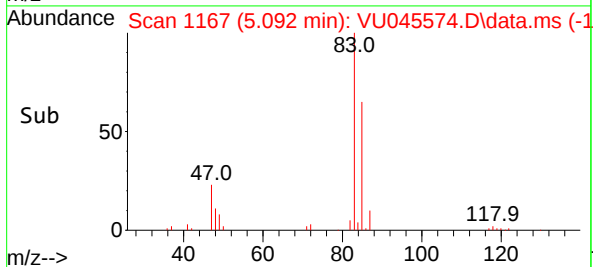
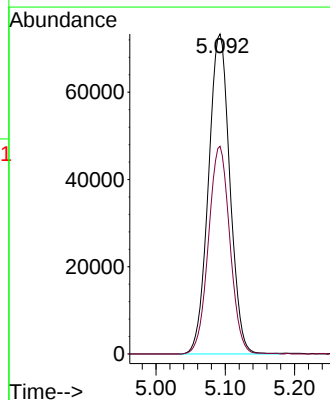
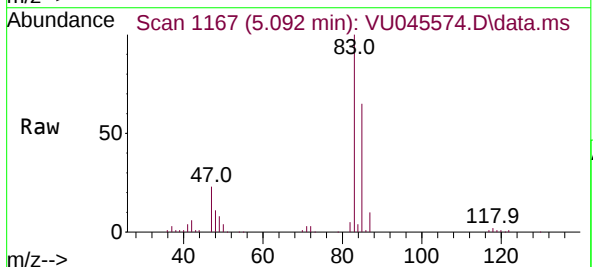
Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Tgt Ion: 83 Resp: 157420

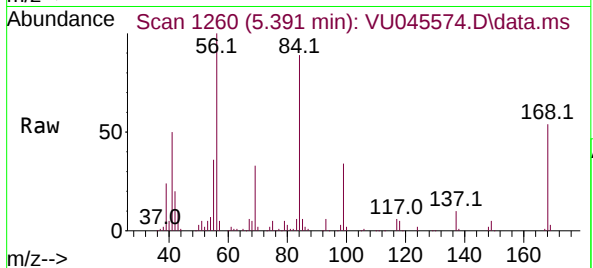
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.0	78.0





#31
Cyclohexane
Concen: 50.016 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

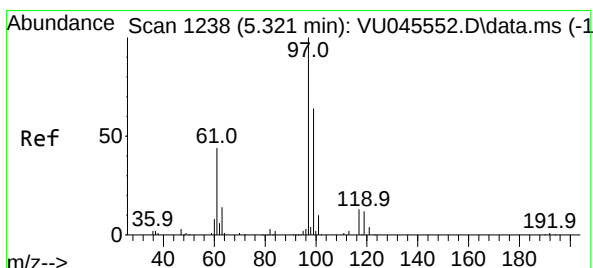
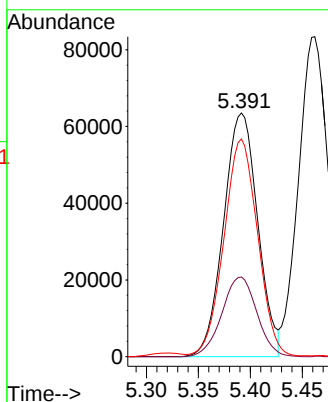
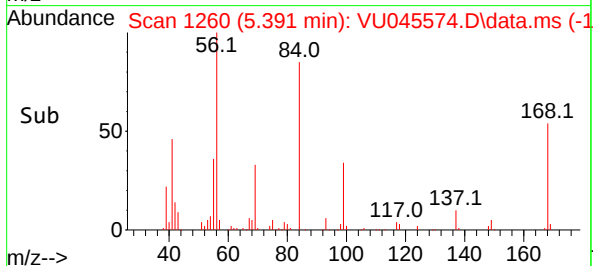
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



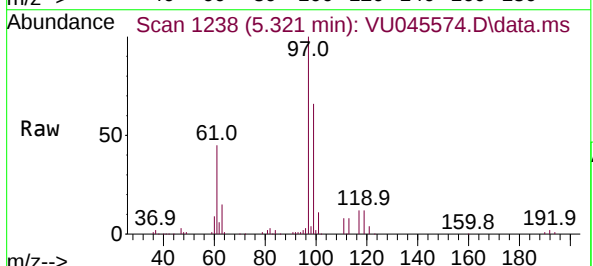
Tgt Ion: 56 Resp: 145292
Ion Ratio Lower Upper
56 100
69 32.7 26.4 39.6
84 88.1 68.4 102.6

Manual Integrations
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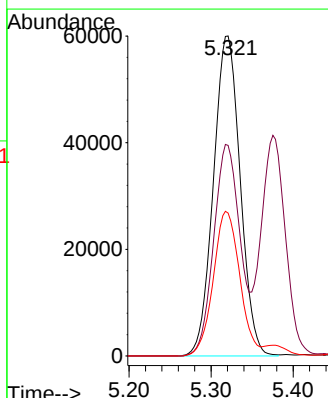
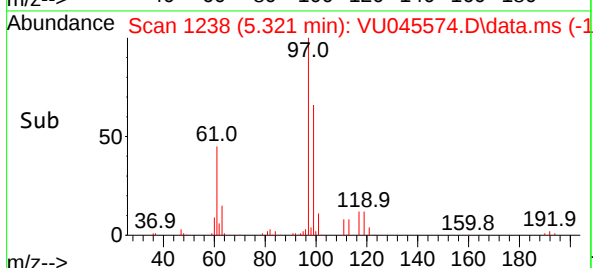
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

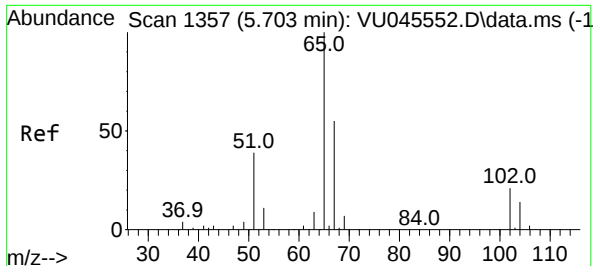


#32
1,1,1-Trichloroethane
Concen: 52.864 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



Tgt Ion: 97 Resp: 136236
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 44.9 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.063 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 103652

Ion Ratio Lower Upper

65 100

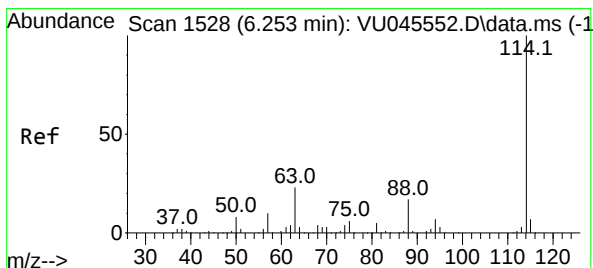
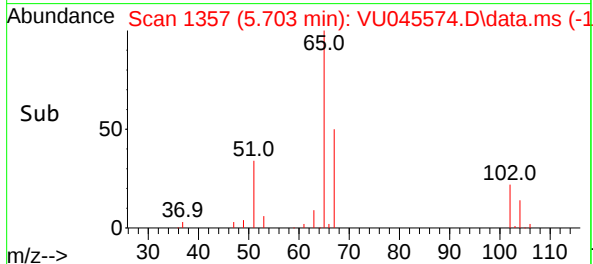
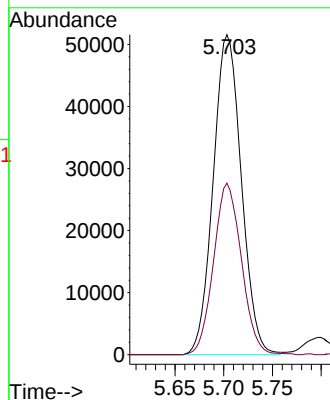
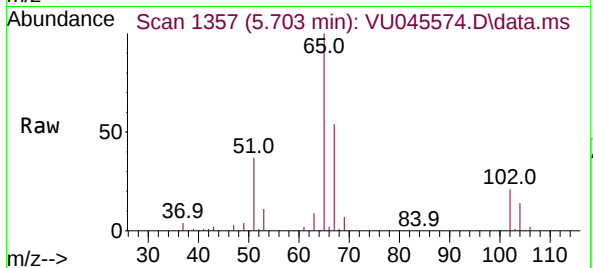
67 53.0 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

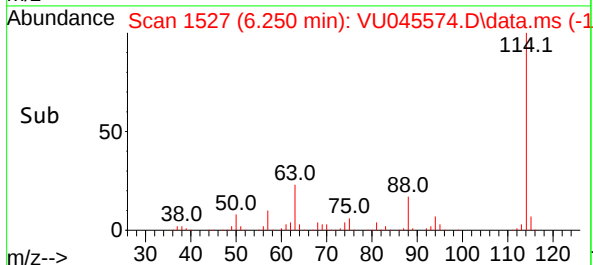
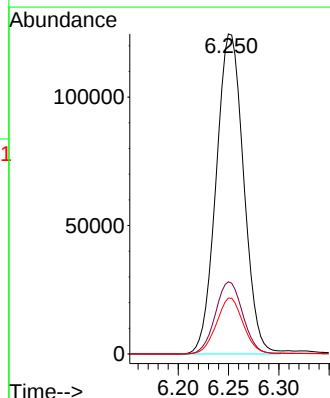
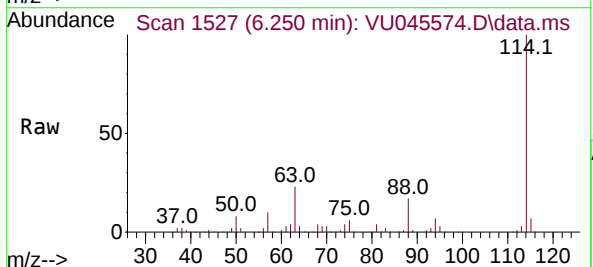
Tgt Ion:114 Resp: 237127

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

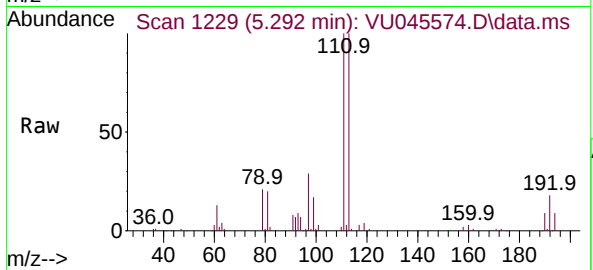
88 17.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.818 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

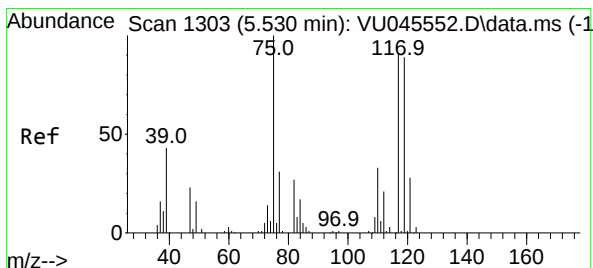
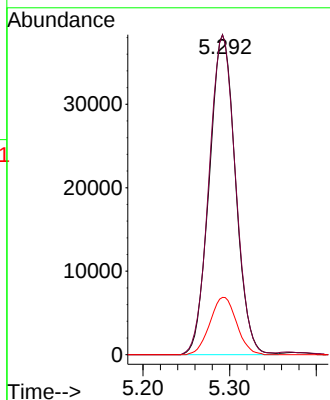
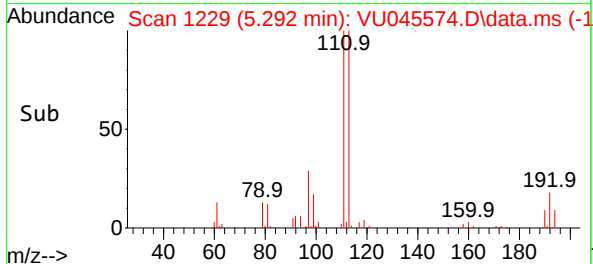
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



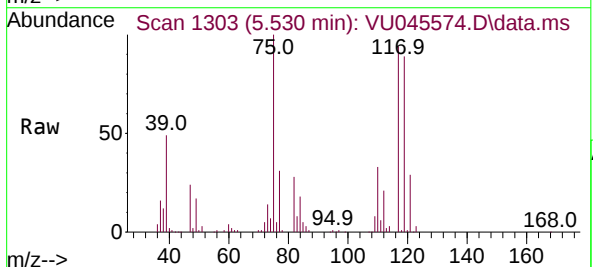
Tgt Ion: 113 Resp: 8045
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.3 14.8 22.2

Manual Integrations
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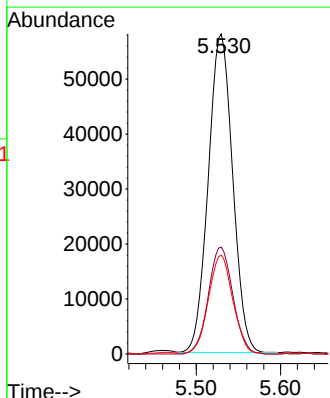
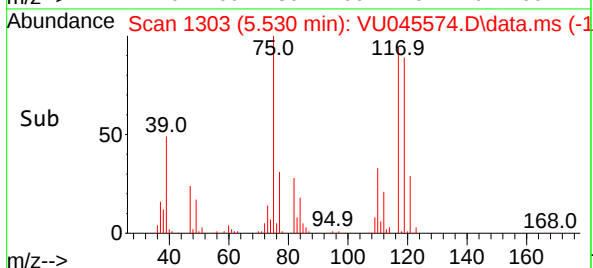
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

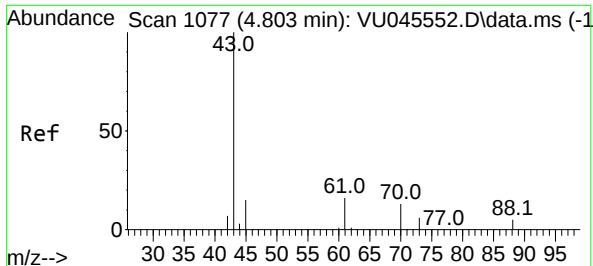


#36
1,1-Dichloropropene
Concen: 50.448 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



Tgt Ion: 75 Resp: 116643
Ion Ratio Lower Upper
75 100
110 33.7 16.7 50.0
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 51.957 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 137998

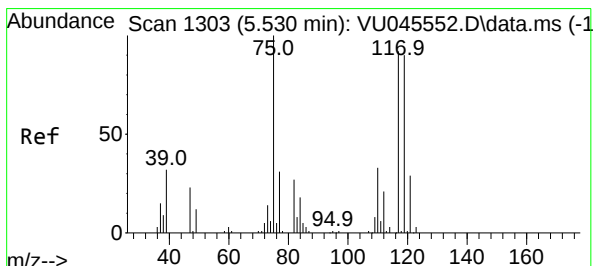
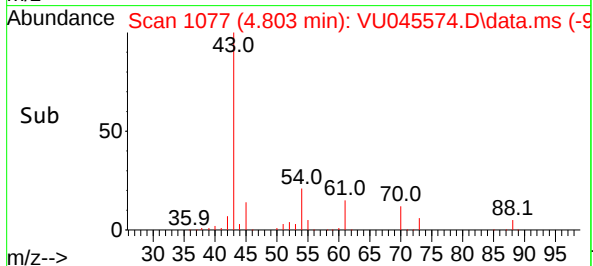
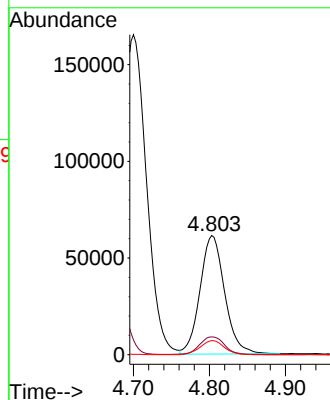
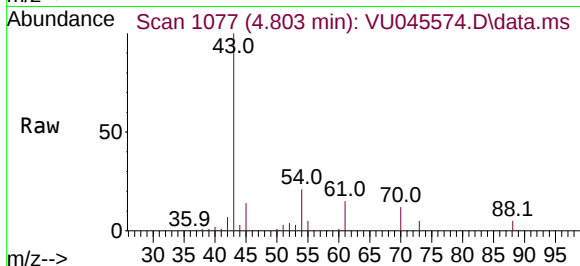
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.6	17.4
70	11.5	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#38

Carbon Tetrachloride

Concen: 50.803 ug/l

RT: 5.526 min Scan# 1302

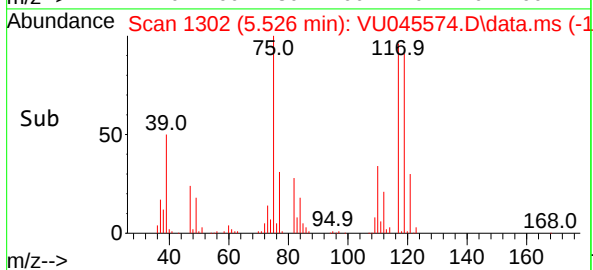
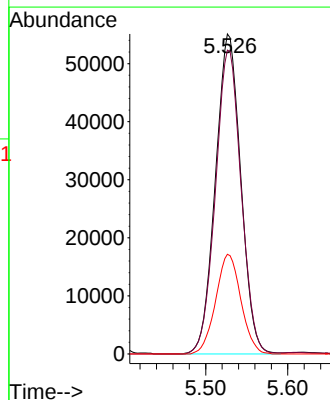
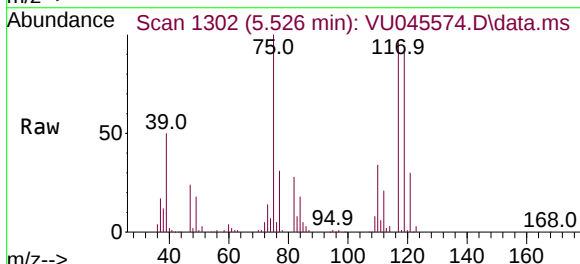
Delta R.T. -0.003 min

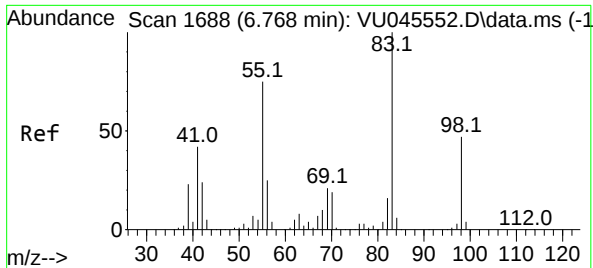
Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Tgt Ion:117 Resp: 118424

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
121	31.2	24.8	37.2





#39
Methylcyclohexane
Concen: 50.258 ug/l
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

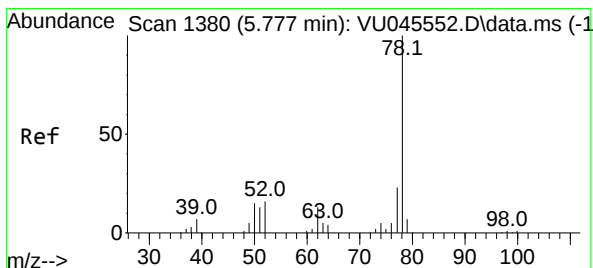
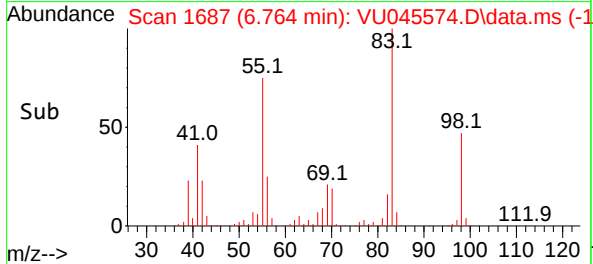
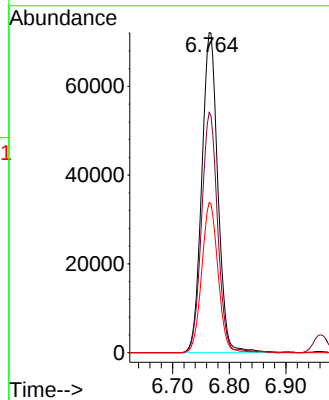
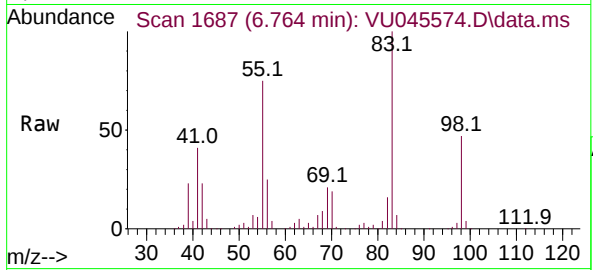
Tgt Ion: 83 Resp: 14256
Ion Ratio Lower Upper
83 100
55 75.1 63.6 95.4
98 47.0 37.1 55.7

Manual Integrations

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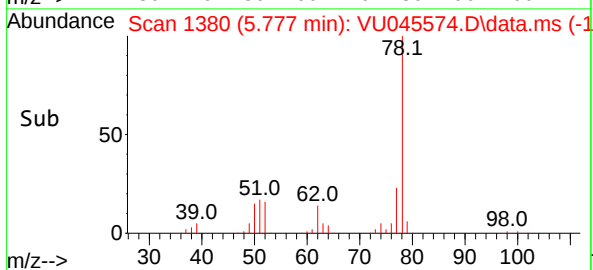
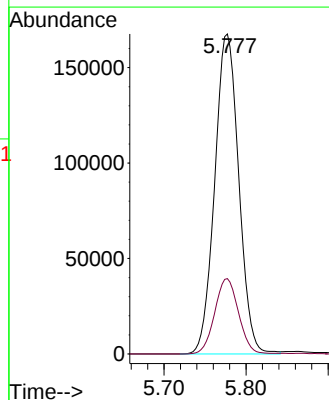
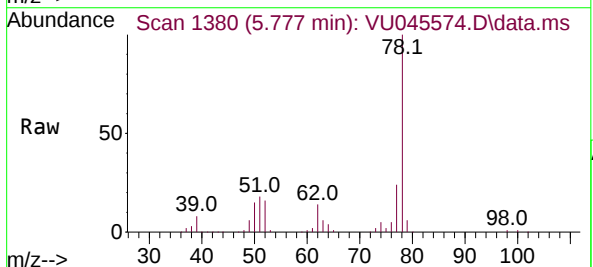
Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#40
Benzene
Concen: 49.954 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

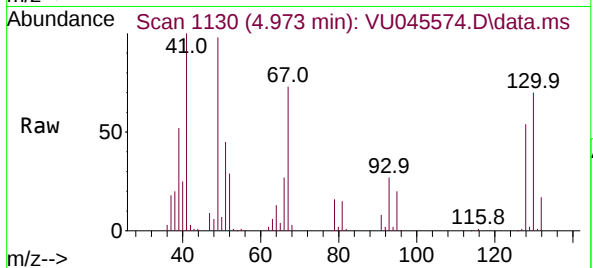
Tgt Ion: 78 Resp: 341958
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 53.759 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

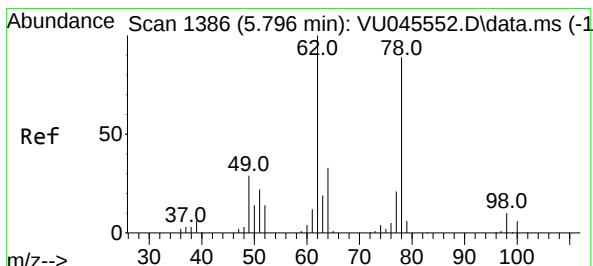
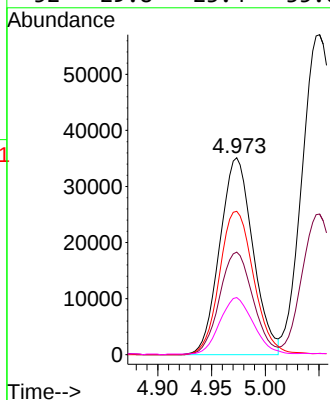
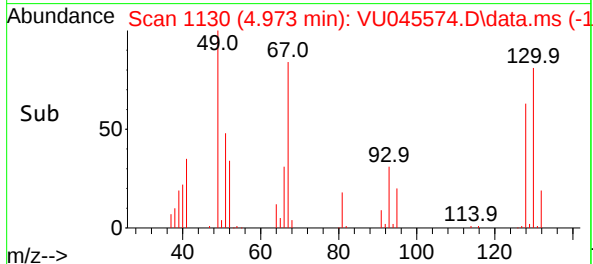
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



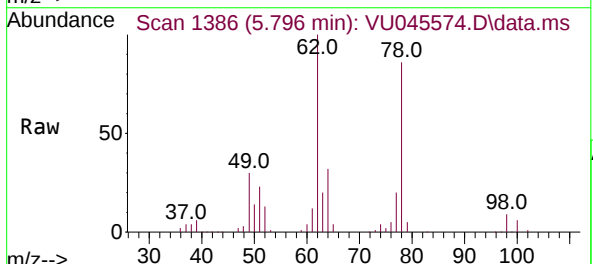
Tgt Ion: 41 Resp: 7545
Ion Ratio Lower Upper
41 100
39 52.5 43.4 65.0
67 75.3 61.0 91.4
52 29.8 23.4 35.0

Manual Integrations
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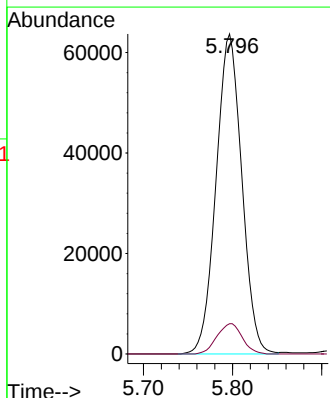
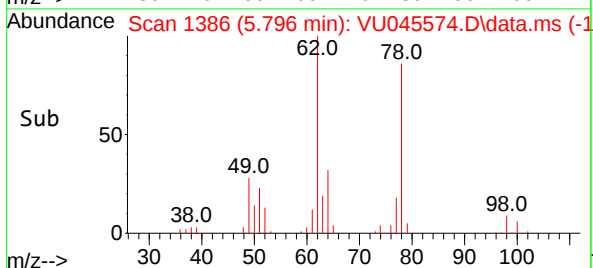
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

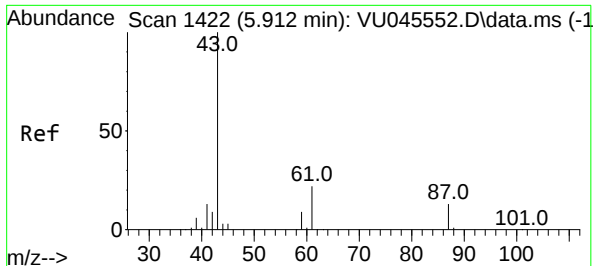


#42
1,2-Dichloroethane
Concen: 51.611 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



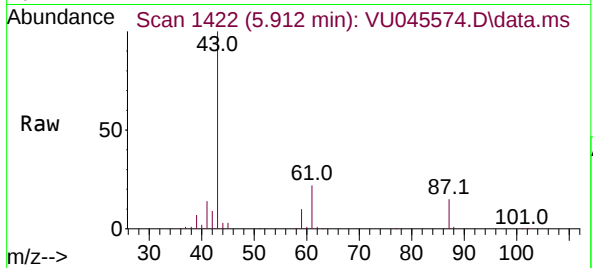
Tgt Ion: 62 Resp: 127616
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43
Isopropyl Acetate
Concen: 52.787 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

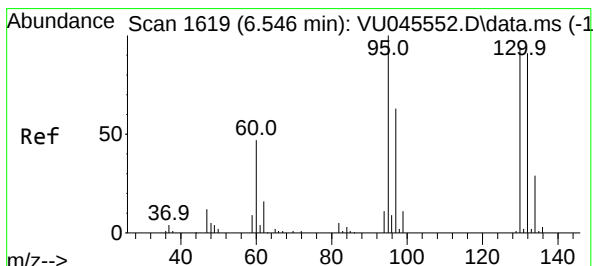
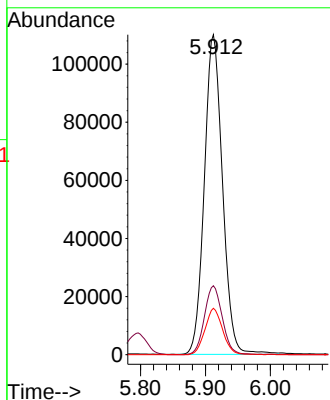
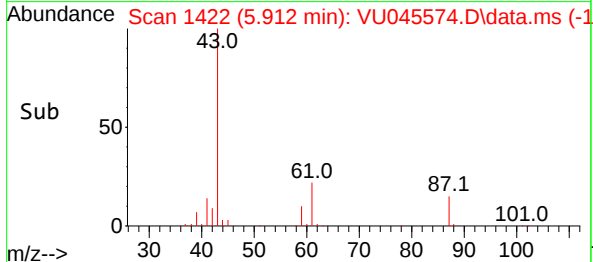
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



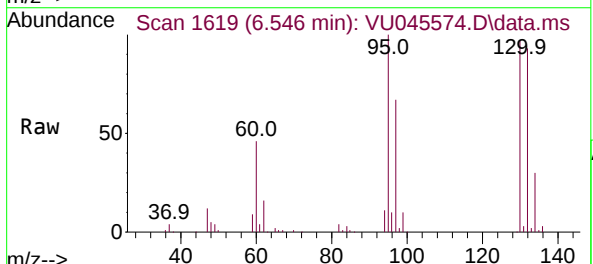
Tgt Ion: 43 Resp: 21444
Ion Ratio Lower Upper
43 100
61 21.2 16.9 25.3
87 14.0 11.0 16.4

Manual Integrations
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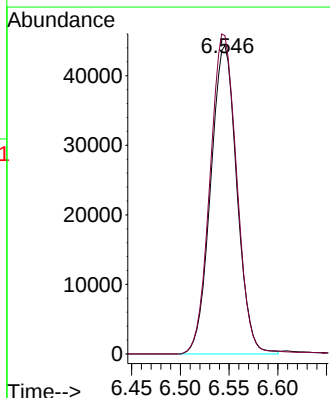
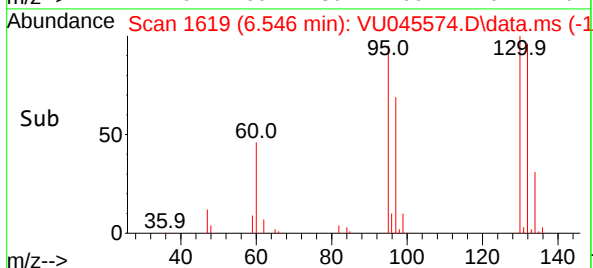
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

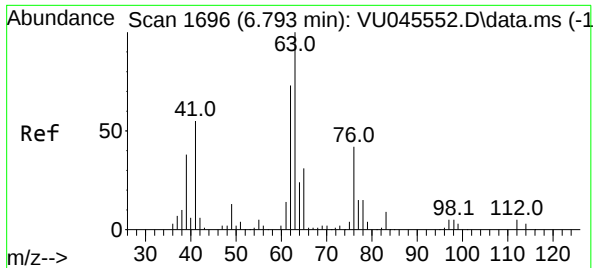


#44
Trichloroethene
Concen: 50.615 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



Tgt Ion:130 Resp: 82937
Ion Ratio Lower Upper
130 100
95 103.1 0.0 211.4





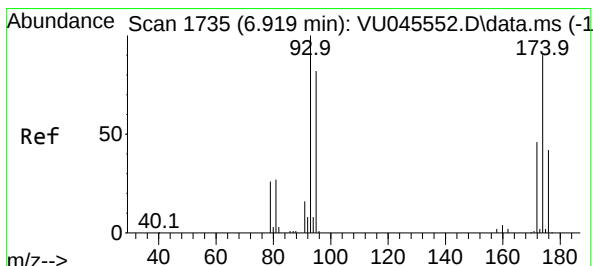
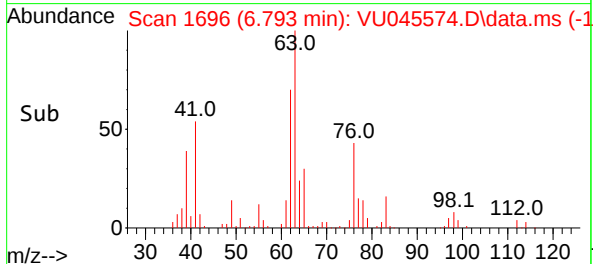
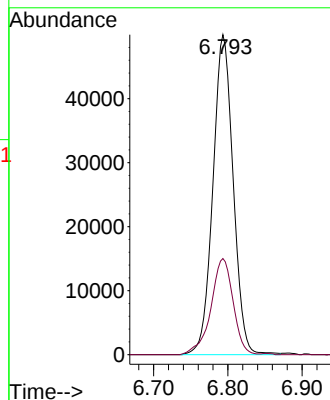
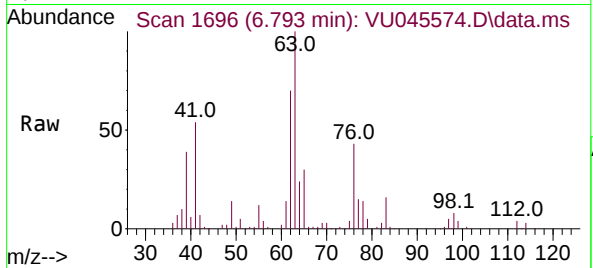
#45
1,2-Dichloropropane
Concen: 52.384 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 94884
Ion Ratio Lower Upper
63 100
65 30.0 25.7 38.5

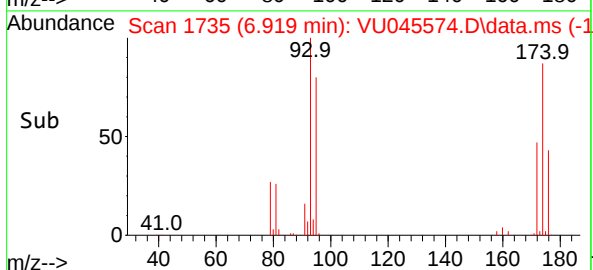
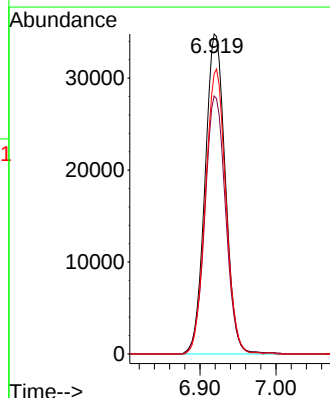
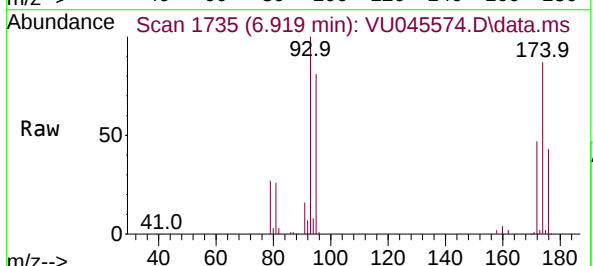
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#46
Dibromomethane
Concen: 51.378 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Tgt Ion: 93 Resp: 64481
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.2
174 89.4 71.0 106.6





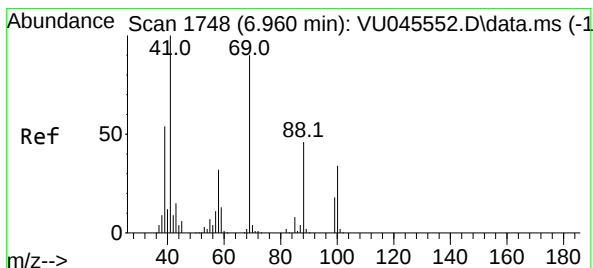
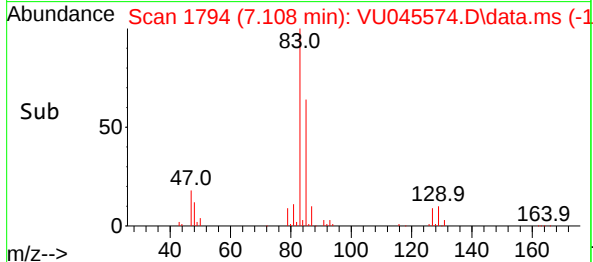
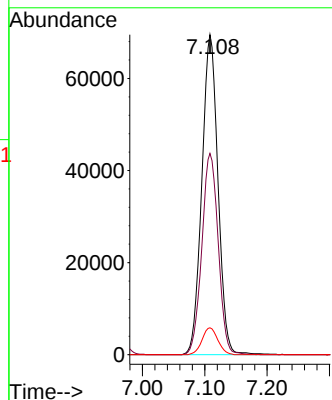
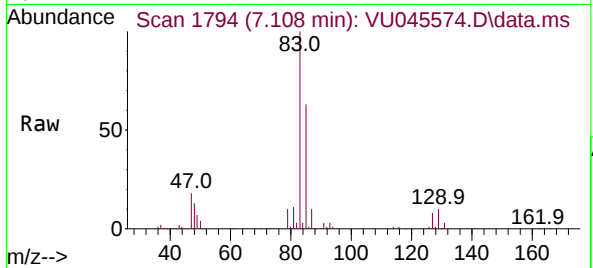
#47
Bromodichloromethane
Concen: 52.494 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 125000
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.6
127 8.4 6.2 9.2

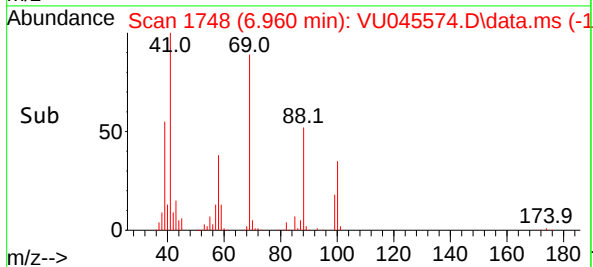
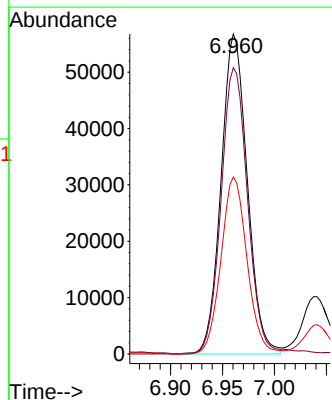
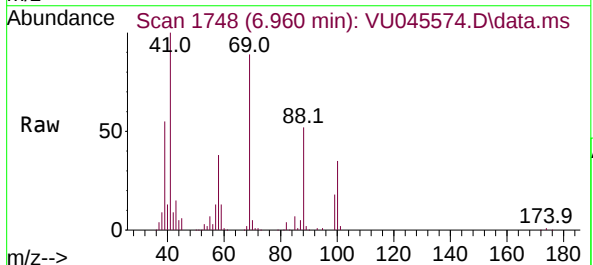
Manual Integrations
APPROVED

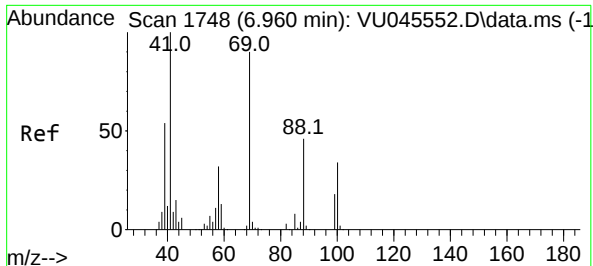
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#48
Methyl methacrylate
Concen: 53.234 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Tgt Ion: 41 Resp: 99539
Ion Ratio Lower Upper
41 100
69 91.4 70.2 105.2
39 55.1 43.9 65.9





#49

1,4-Dioxane

Concen: 1188.478 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

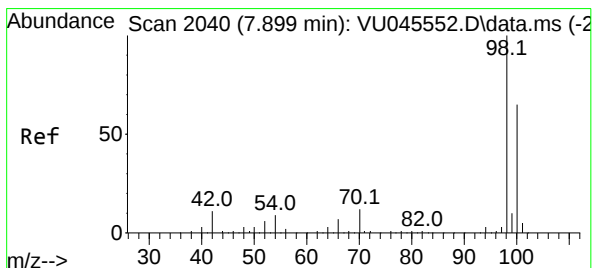
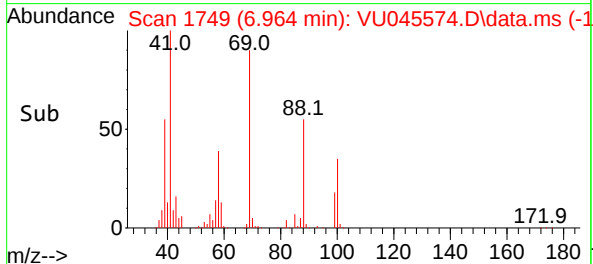
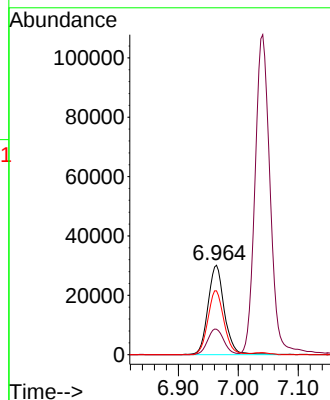
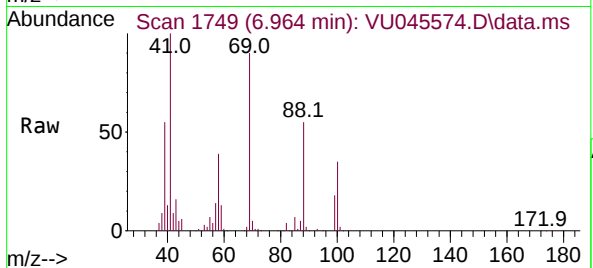
Tgt Ion: 88 Resp: 57149
 Ion Ratio Lower Upper
 88 100
 43 28.8 0.0 0.0
 58 70.4 58.7 88.1

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#50

Toluene-d8

Concen: 52.663 ug/l

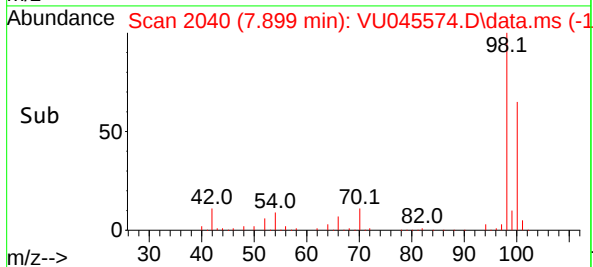
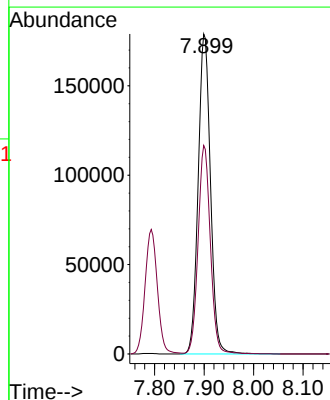
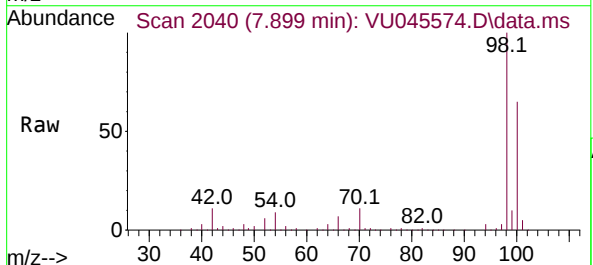
RT: 7.899 min Scan# 2040

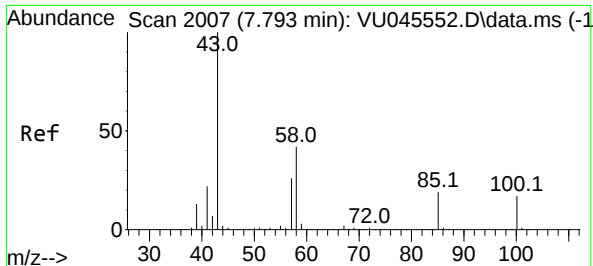
Delta R.T. -0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Tgt Ion: 98 Resp: 310028
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 268.113 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 71850

Ion Ratio Lower Upper

43 100

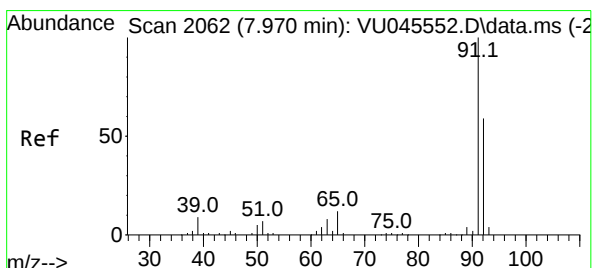
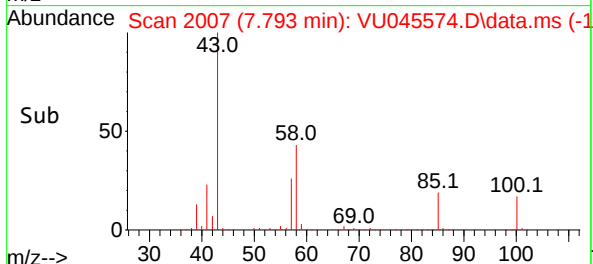
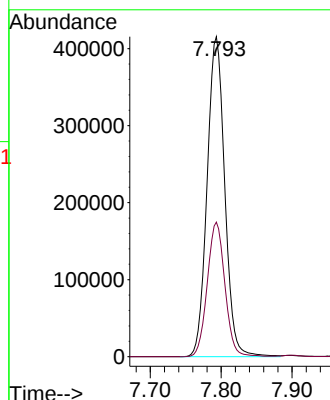
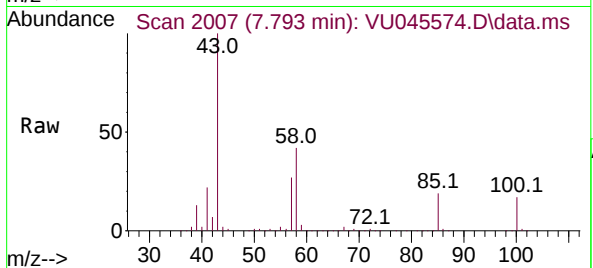
58 42.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#52

Toluene

Concen: 52.398 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045574.D

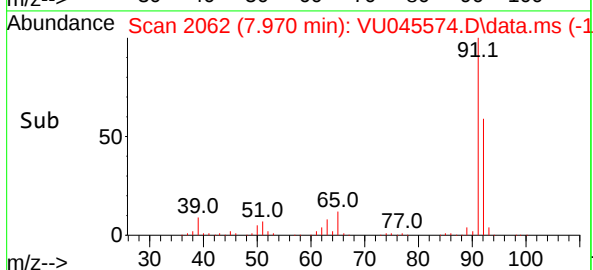
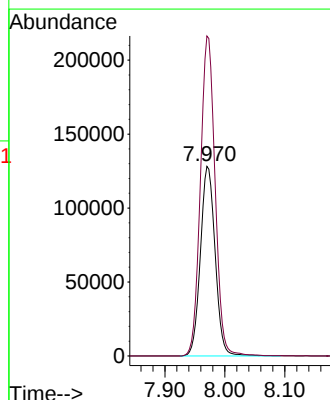
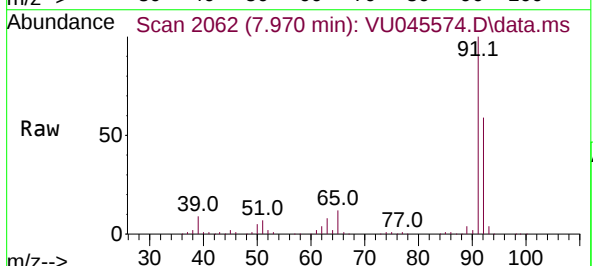
Acq: 05 Nov 2021 21:10

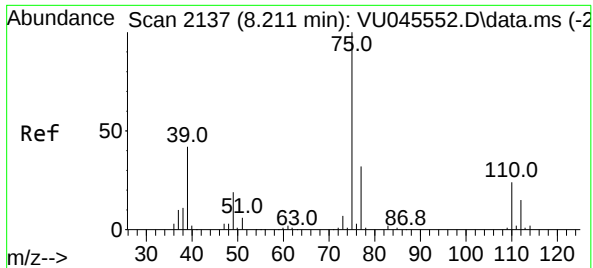
Tgt Ion: 92 Resp: 219600

Ion Ratio Lower Upper

92 100

91 168.6 135.6 203.4





#53
 t-1,3-Dichloropropene
 Concen: 51.433 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU045574.D
 Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

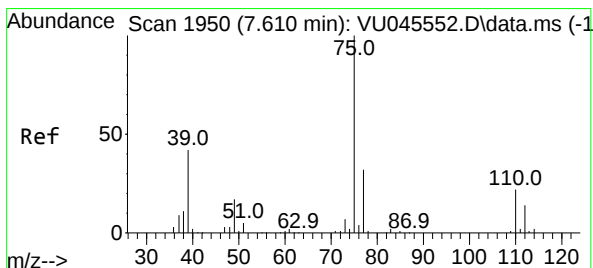
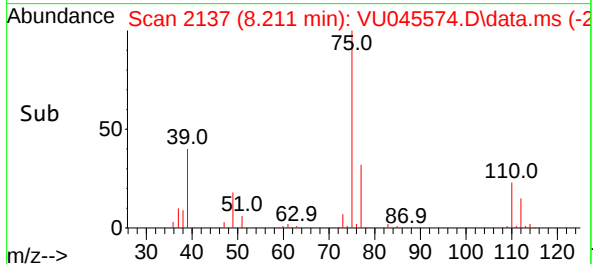
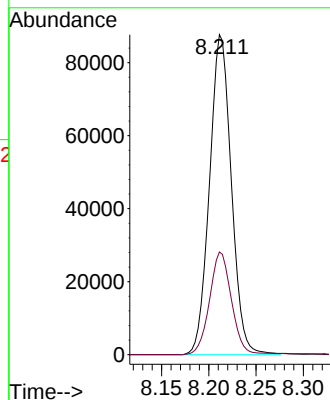
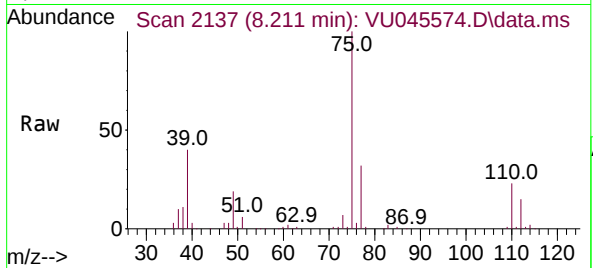
VSTDCCC050EC

Tgt Ion: 75 Resp: 14076
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8

Manual Integrations

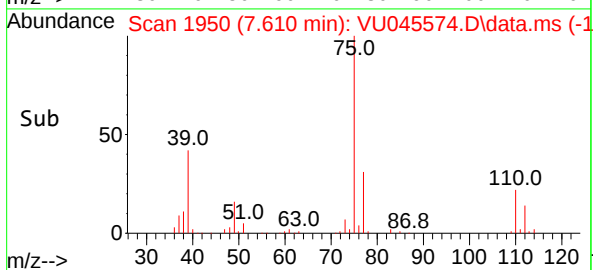
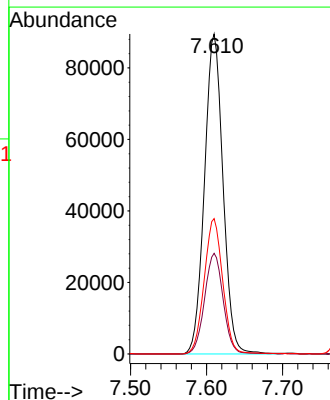
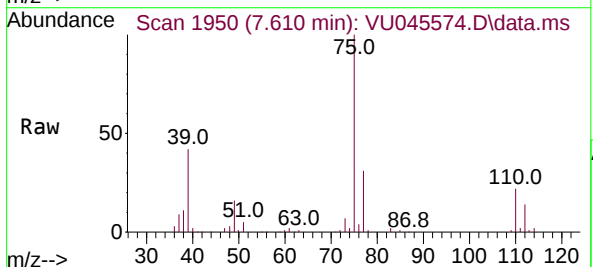
APPROVED

Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#54
 cis-1,3-Dichloropropene
 Concen: 52.149 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045574.D
 Acq: 05 Nov 2021 21:10

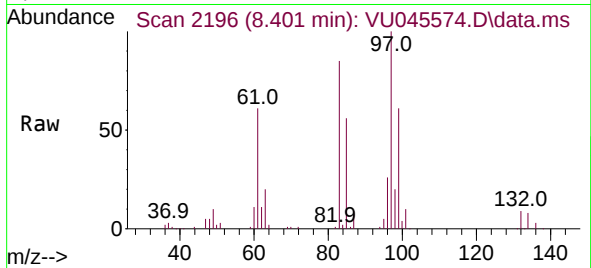
Tgt Ion: 75 Resp: 151592
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 42.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.191 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

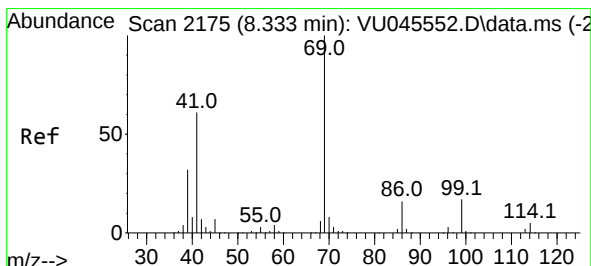
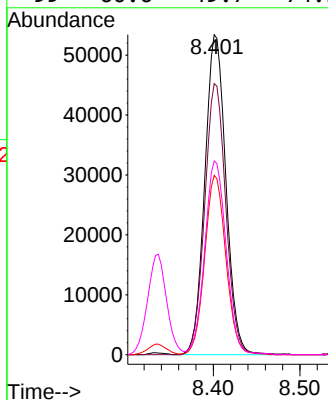
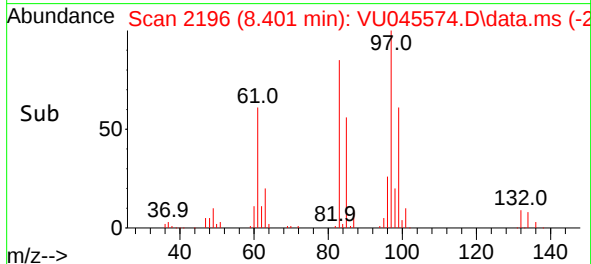
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



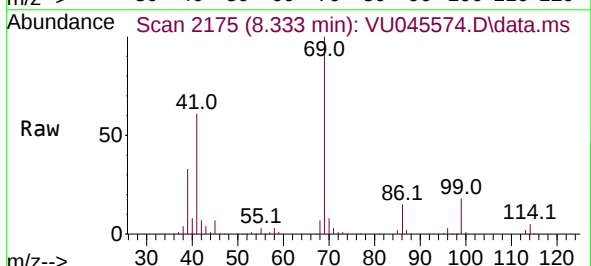
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.3	105.5
85	56.0	45.5	68.3
99	60.6	49.7	74.5

Manual Integrations
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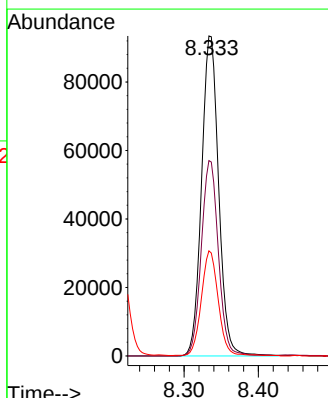
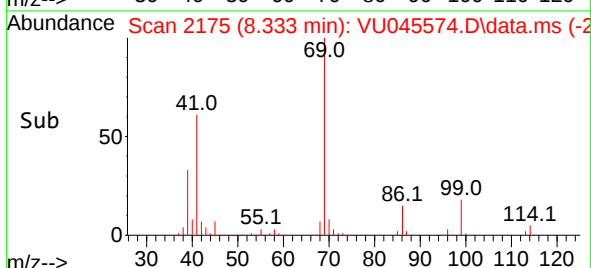
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

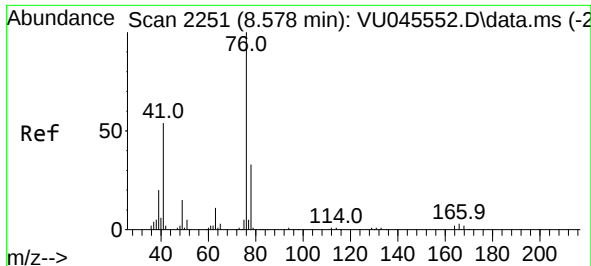


#56
Ethyl methacrylate
Concen: 47.985 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.1	51.0	76.4
39	31.8	26.6	39.8





#57

1,3-Dichloropropane

Concen: 51.512 ug/l

RT: 8.578 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 16115

Ion Ratio Lower Upper

76 100

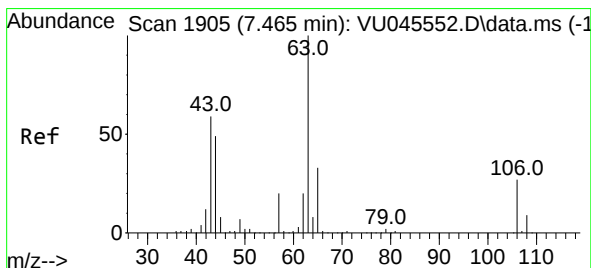
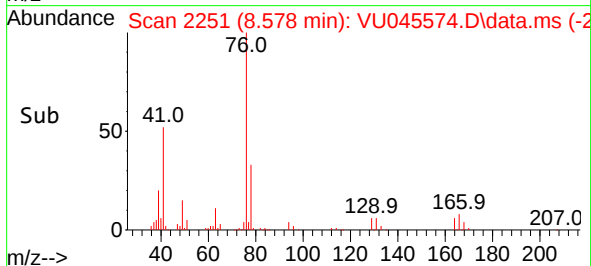
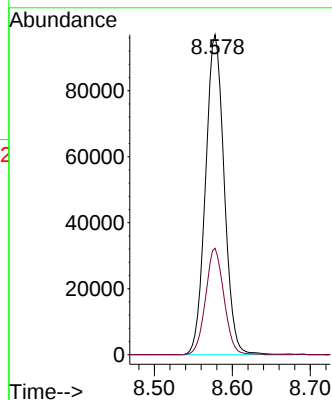
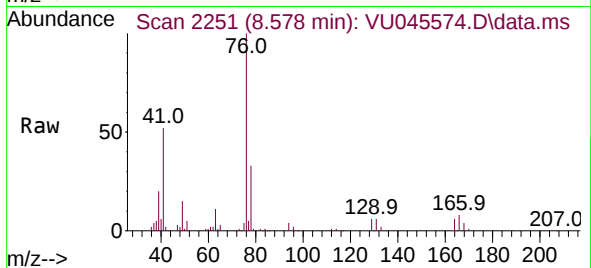
78 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#58

2-Chloroethyl Vinyl ether

Concen: 243.014 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045574.D

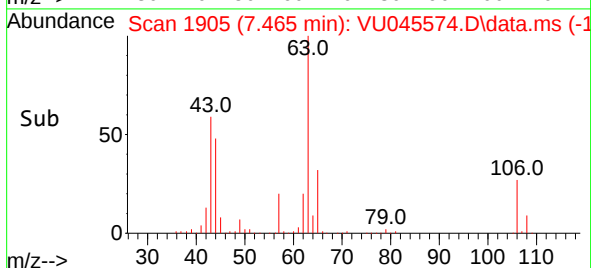
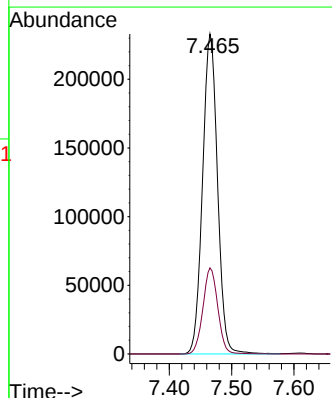
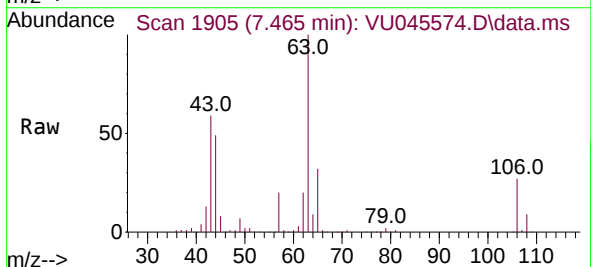
Acq: 05 Nov 2021 21:10

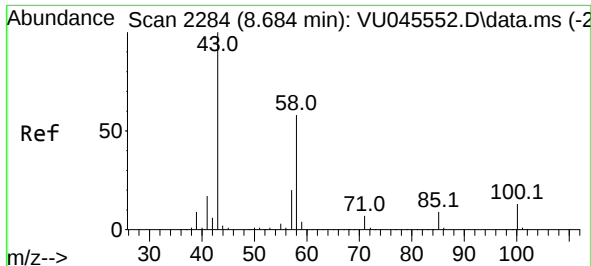
Tgt Ion: 63 Resp: 388602

Ion Ratio Lower Upper

63 100

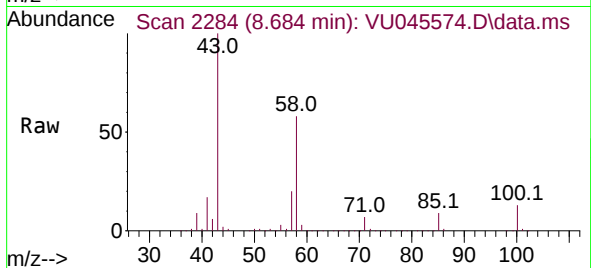
106 26.7 21.0 31.4





#59
2-Hexanone
Concen: 241.367 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

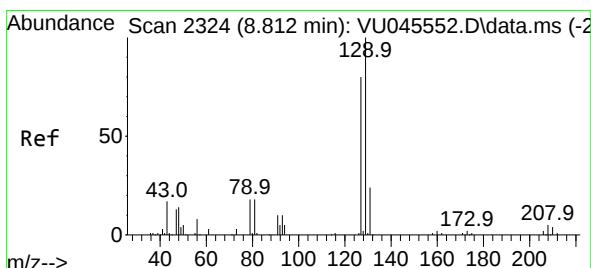
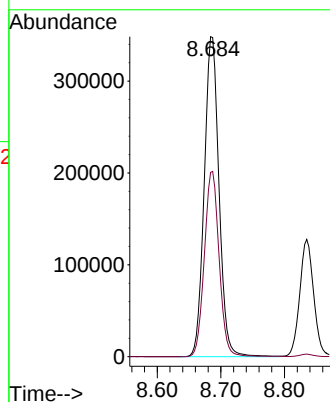
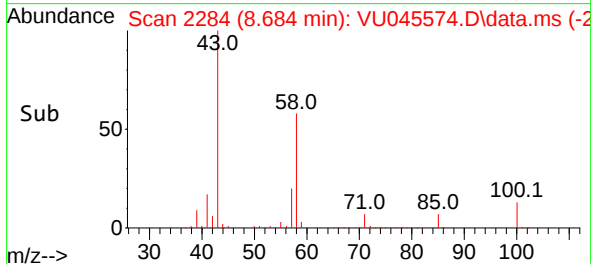
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 562199
Ion Ratio Lower Upper
43 100
58 58.0 29.5 88.6

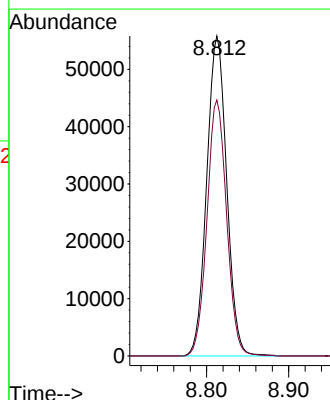
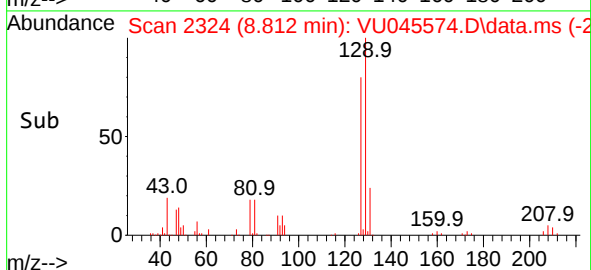
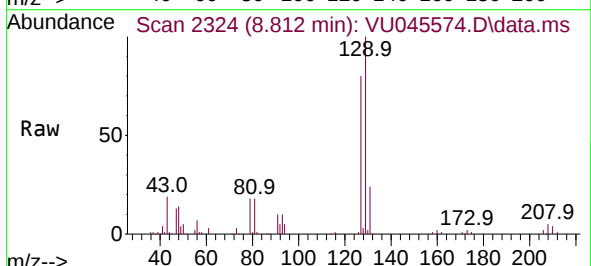
Manual Integrations
APPROVED

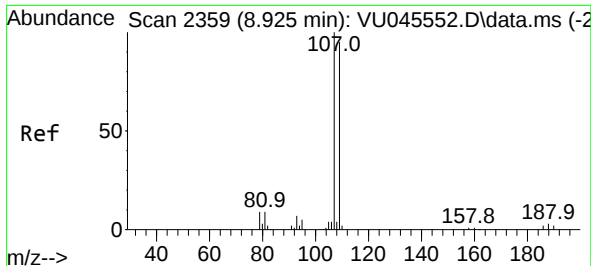
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#60
Dibromochloromethane
Concen: 52.132 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

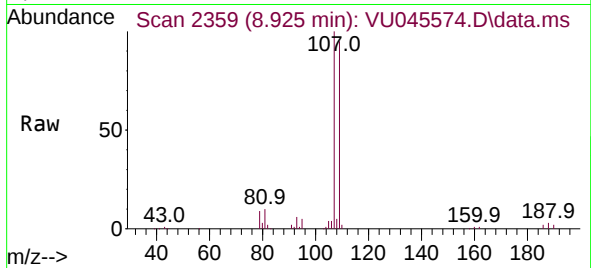
Tgt Ion:129 Resp: 94289
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.233 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

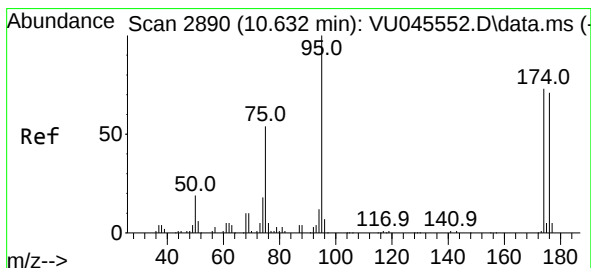
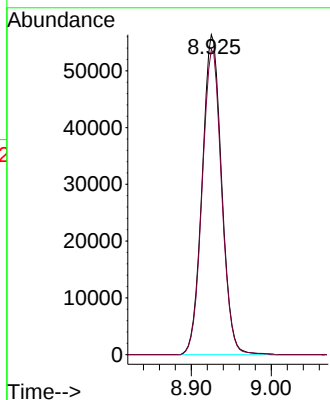
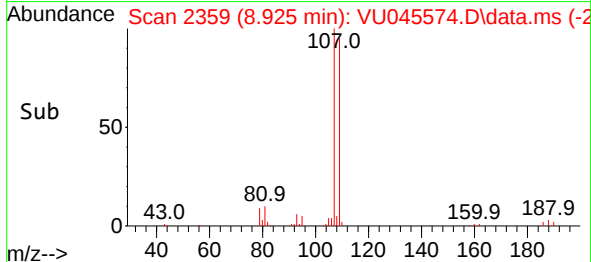
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 9544
Ion Ratio Lower Upper
107 100
109 95.5 75.8 113.8

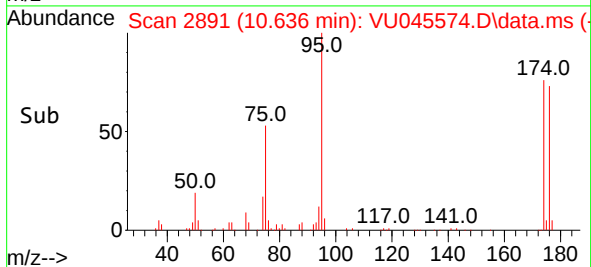
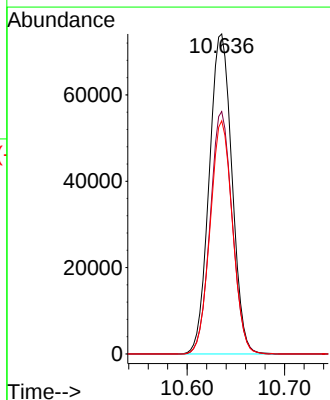
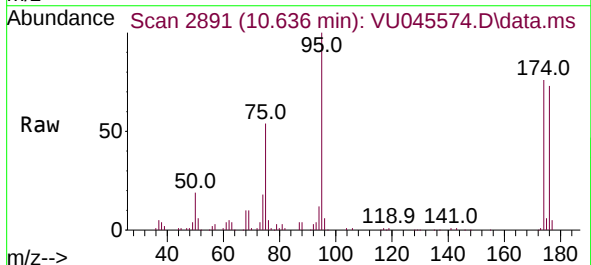
Manual Integrations
APPROVED

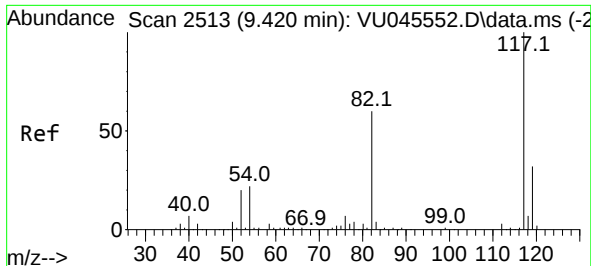
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#62
4-Bromofluorobenzene
Concen: 50.923 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

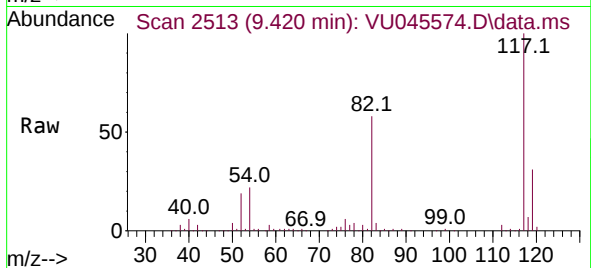
Tgt Ion: 95 Resp: 120211
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.8
176 71.4 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

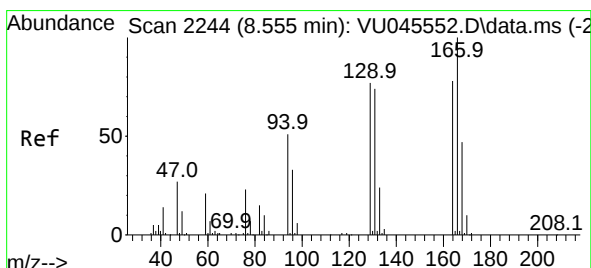
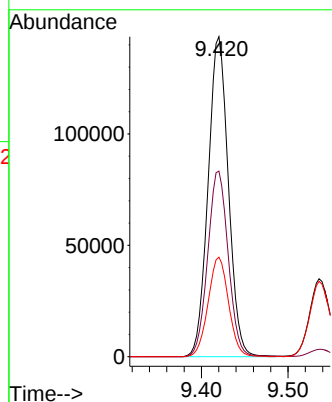
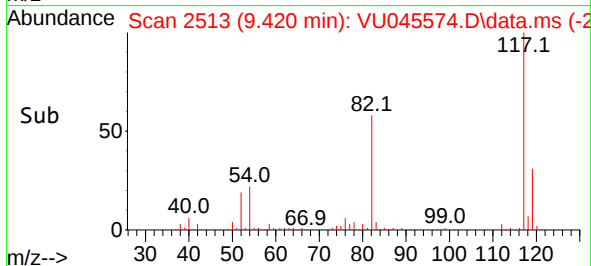
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 23344
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.1 25.8 38.8

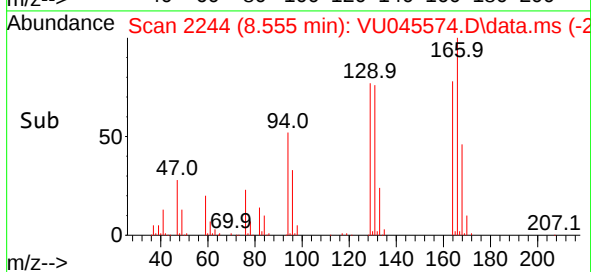
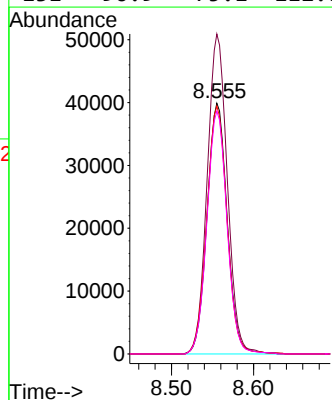
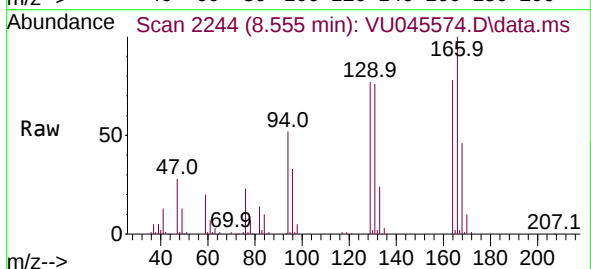
Manual Integrations
APPROVED

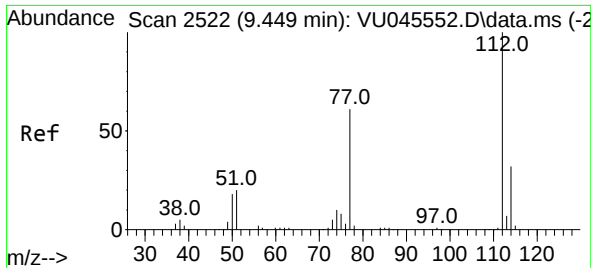
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#64
Tetrachloroethene
Concen: 50.892 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Tgt Ion:164 Resp: 68188
Ion Ratio Lower Upper
164 100
166 127.6 102.2 153.4
129 98.8 78.2 117.4
131 96.9 75.1 112.7





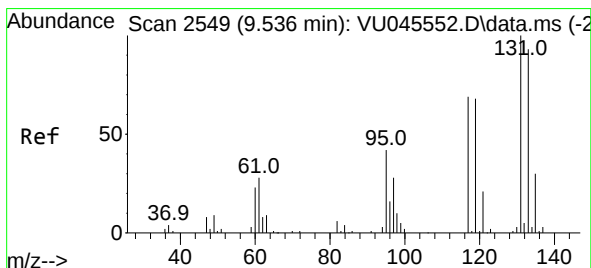
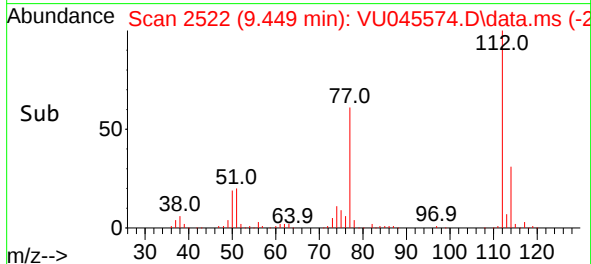
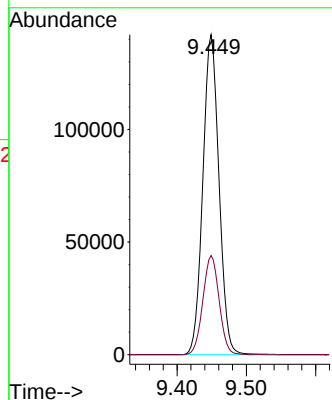
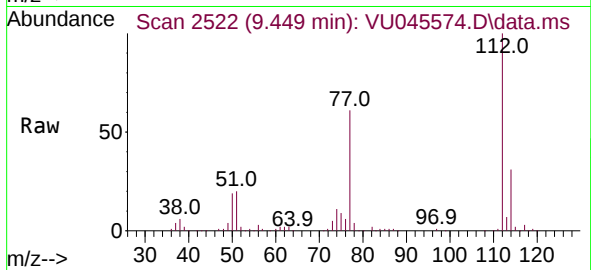
#65
Chlorobenzene
Concen: 50.067 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 229579
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

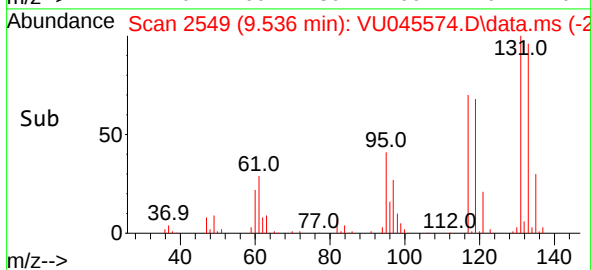
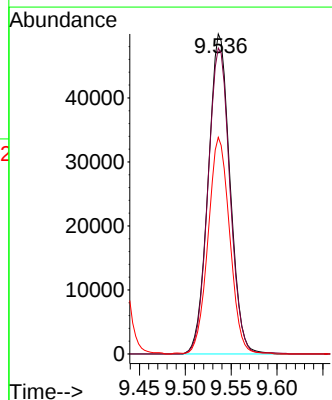
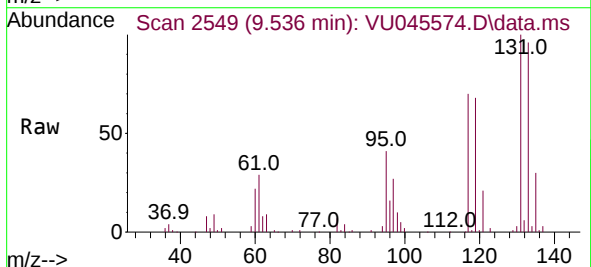
Manual Integrations
APPROVED

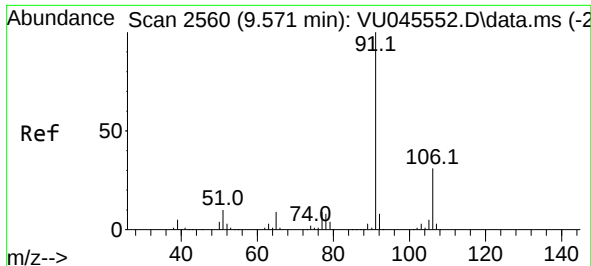
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.599 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Tgt Ion:131 Resp: 82749
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 67.0 34.5 103.6





#67

Ethyl Benzene

Concen: 51.520 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 42306

Ion Ratio Lower Upper

91 100

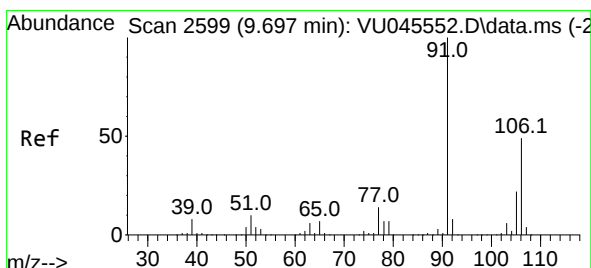
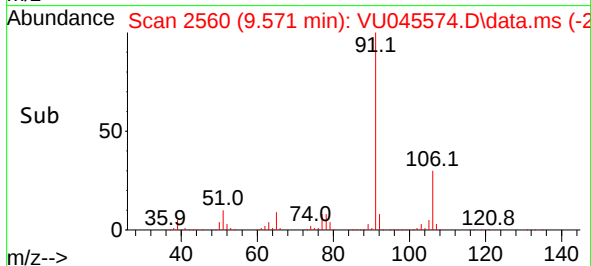
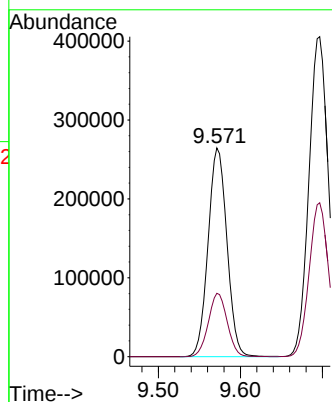
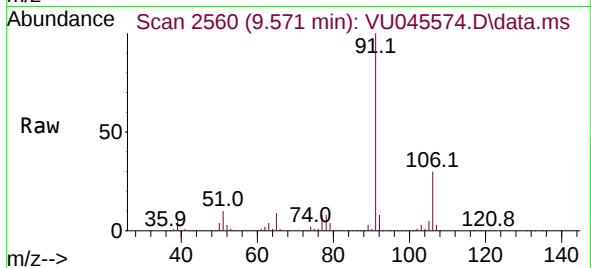
106 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#68

m/p-Xylenes

Concen: 104.245 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045574.D

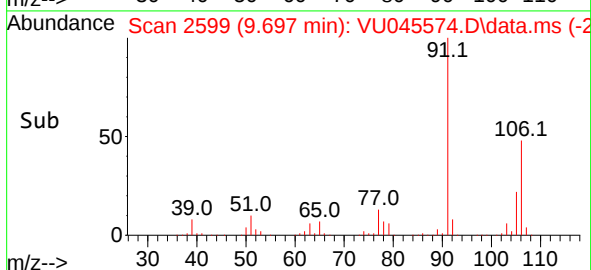
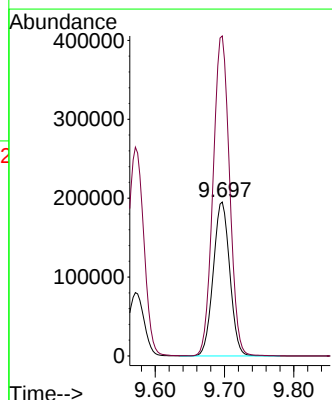
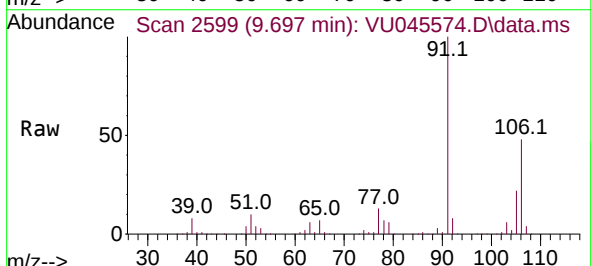
Acq: 05 Nov 2021 21:10

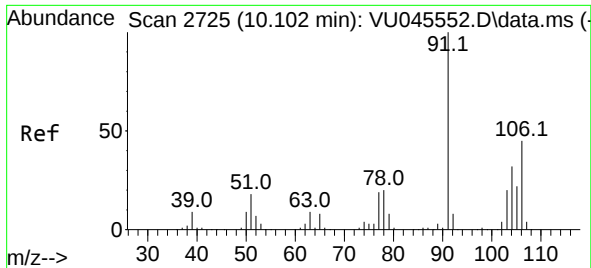
Tgt Ion:106 Resp: 322836

Ion Ratio Lower Upper

106 100

91 208.3 164.7 247.1





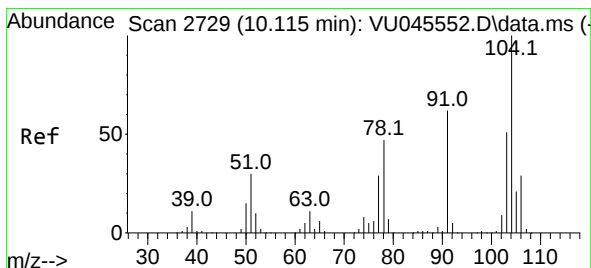
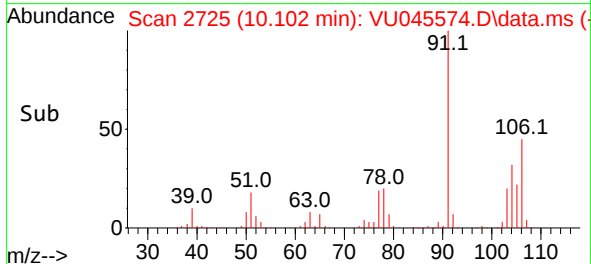
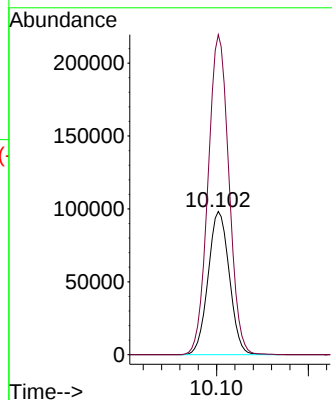
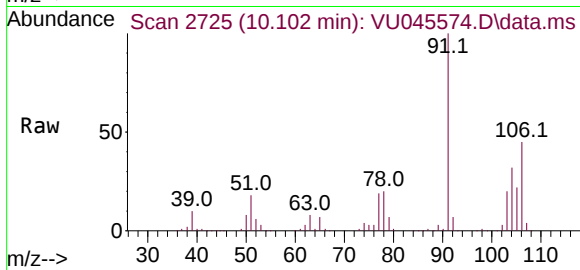
#69
o-Xylene
Concen: 52.366 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 157660
Ion Ratio Lower Upper
106 100
91 220.3 108.7 326.3

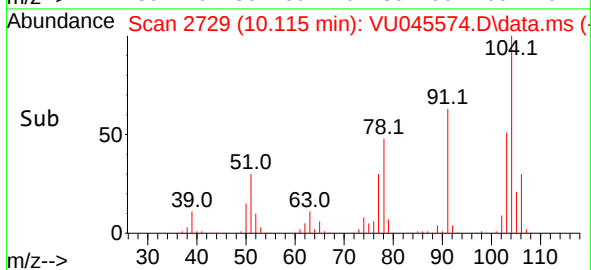
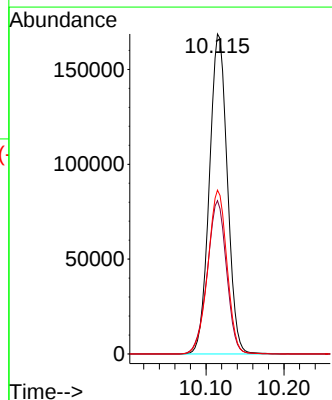
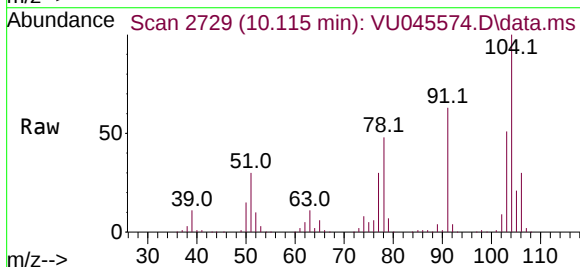
Manual Integrations
APPROVED

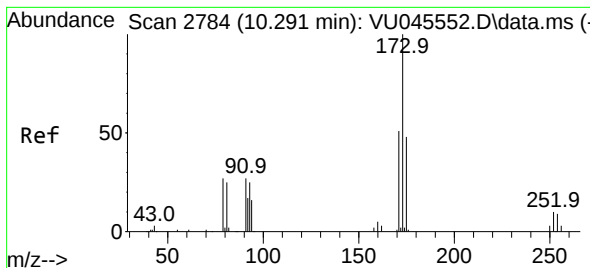
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#70
Styrene
Concen: 53.108 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

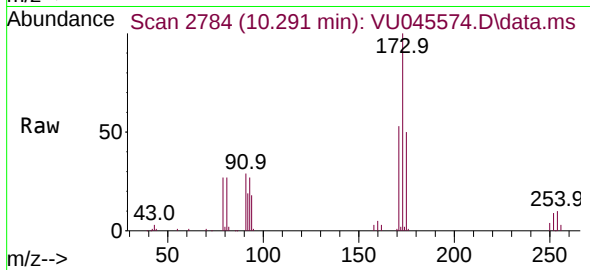
Tgt Ion:104 Resp: 270512
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.6
103 54.4 43.8 65.6





#71
Bromoform
Concen: 45.095 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

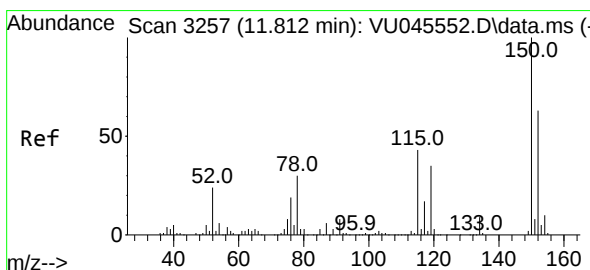
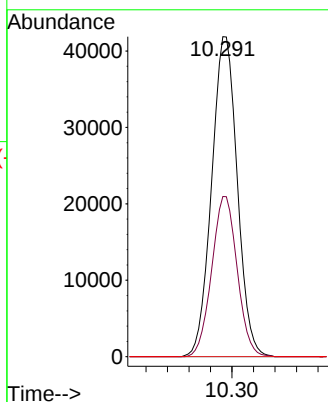
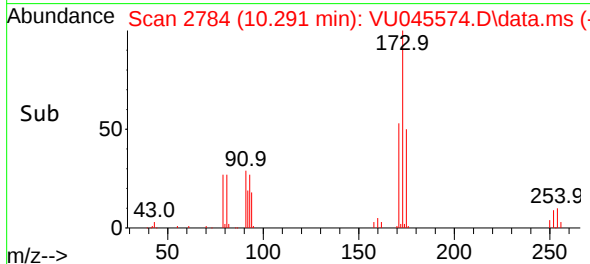
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6930
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.2
254 0.0 0.0 0.0

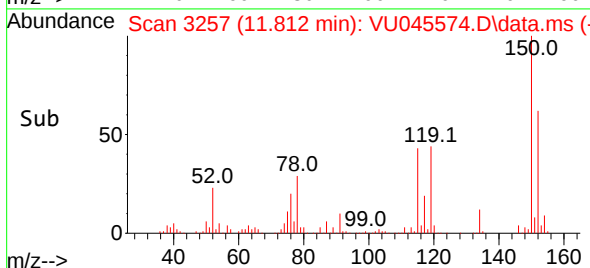
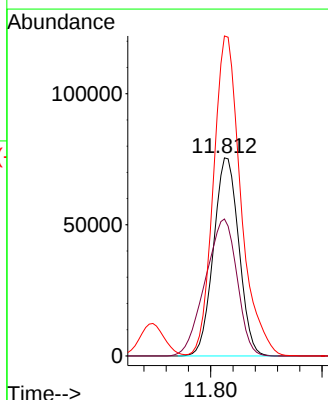
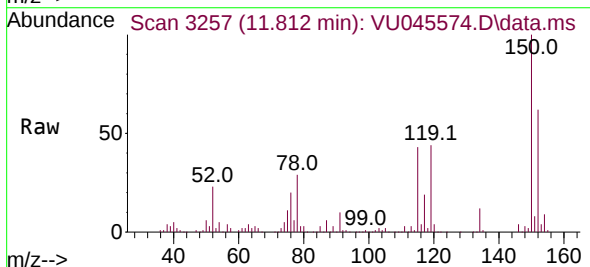
Manual Integrations
APPROVED

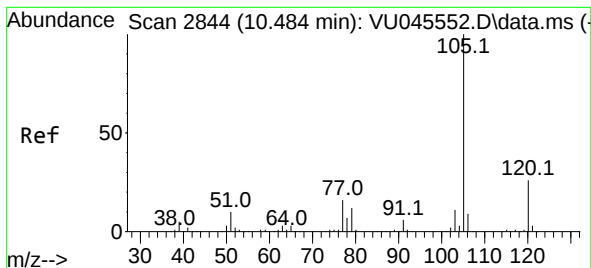
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Tgt Ion:152 Resp: 119060
Ion Ratio Lower Upper
152 100
115 86.7 42.7 128.1
150 175.2 0.0 346.8





#73

Isopropylbenzene

Concen: 53.592 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 416909

Ion Ratio Lower Upper

105 100

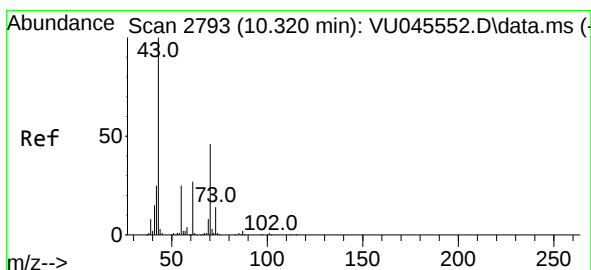
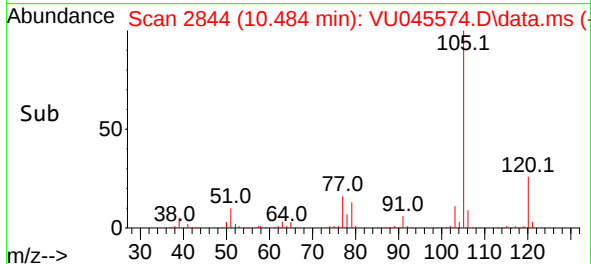
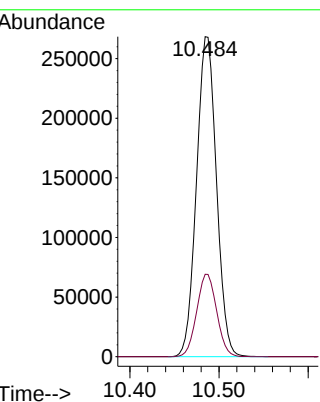
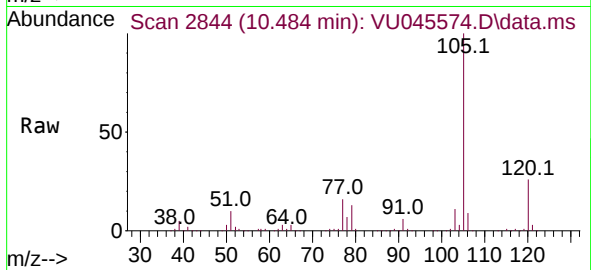
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#74

N-ethyl acetate

Concen: 55.106 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Tgt Ion: 43 Resp: 193388

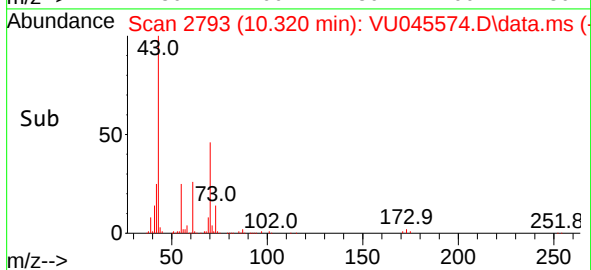
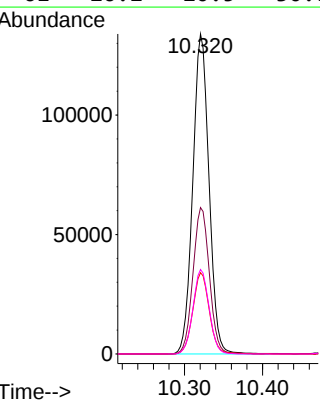
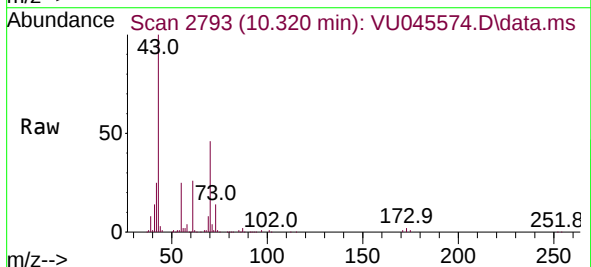
Ion Ratio Lower Upper

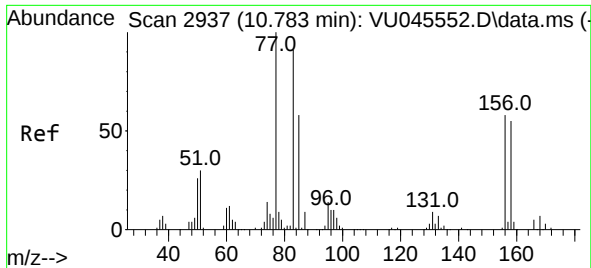
43 100

70 46.4 36.9 55.3

55 25.8 20.6 31.0

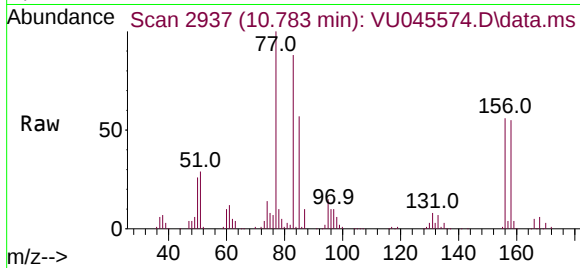
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.983 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

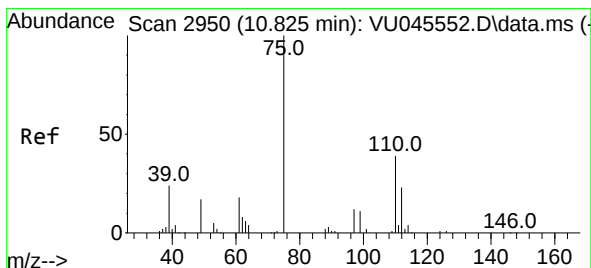
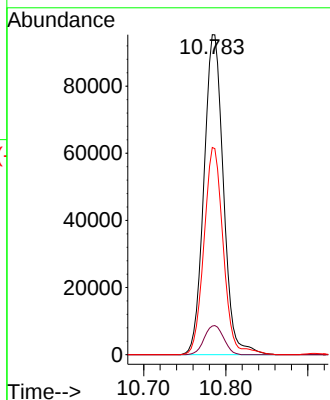
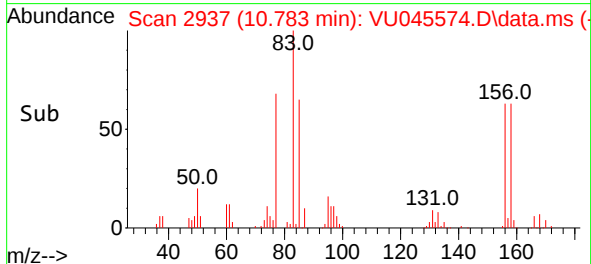
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 157130
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 64.2 31.9 95.9

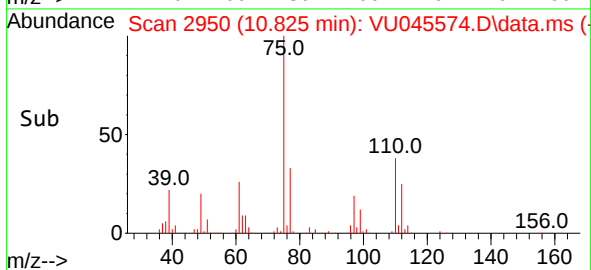
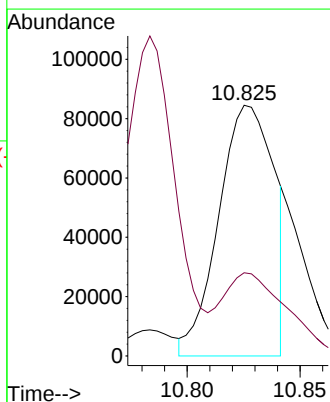
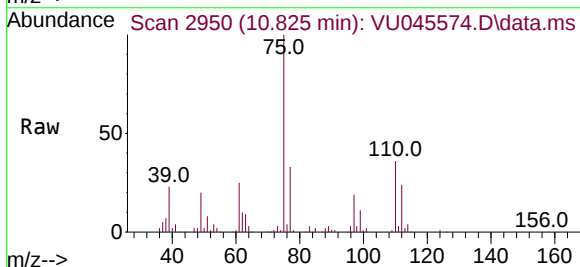
Manual Integrations
APPROVED

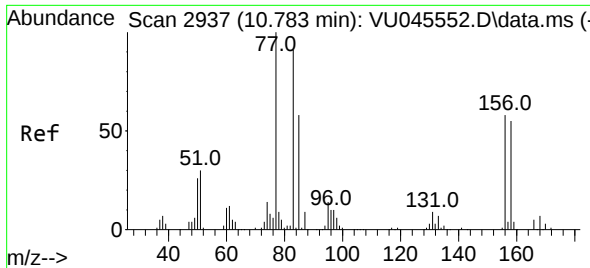
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#76
1,2,3-Trichloropropane
Concen: 39.769 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

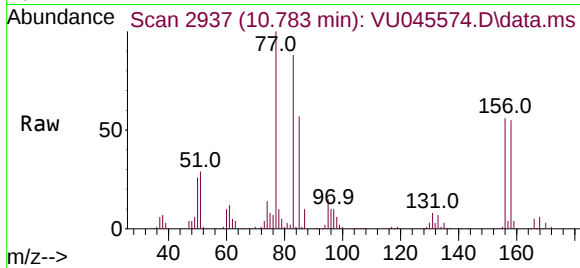
Tgt Ion: 75 Resp: 143589
Ion Ratio Lower Upper
75 100
77 39.3 17.1 51.3





#77
Bromobenzene
Concen: 51.441 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

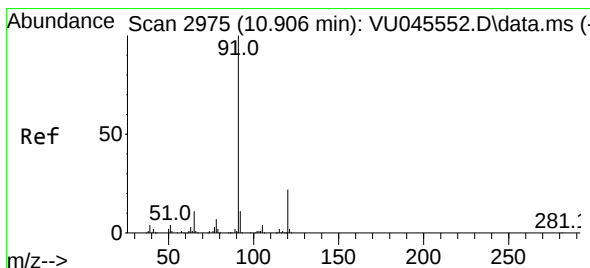
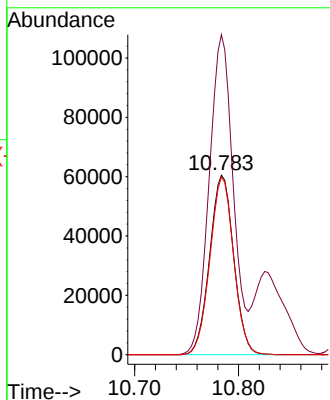
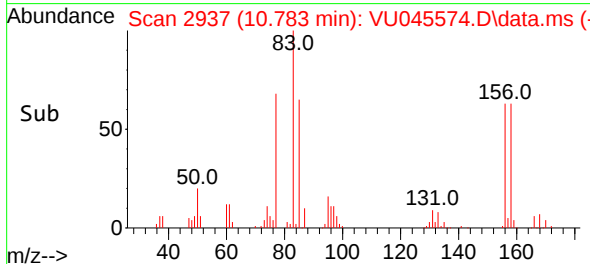
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



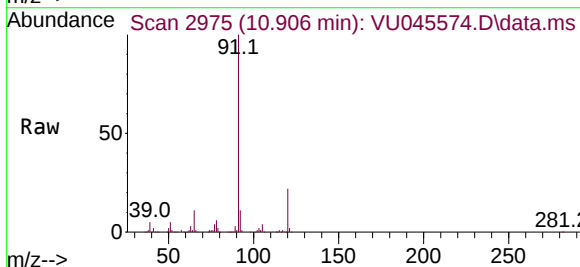
Tgt Ion:156 Resp: 97160
Ion Ratio Lower Upper
156 100
77 177.8 91.1 273.4
158 97.6 47.9 143.6

Manual Integrations
APPROVED

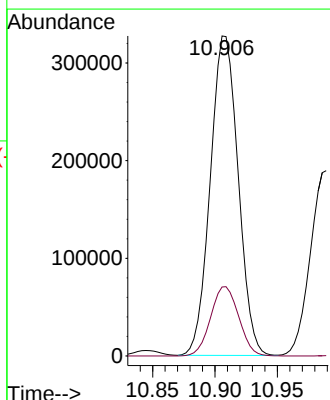
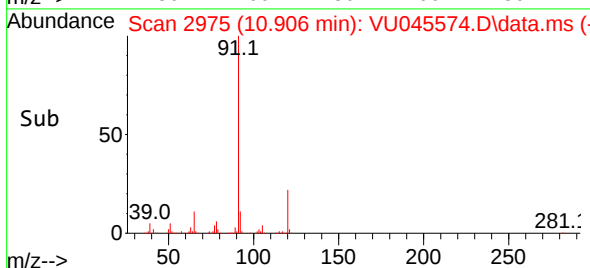
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

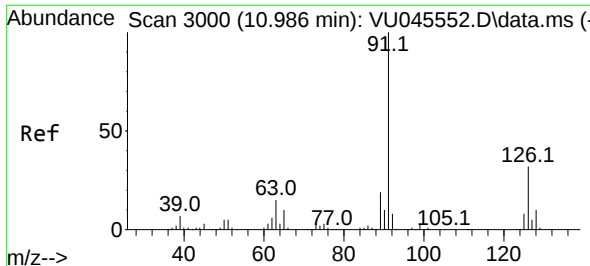


#78
n-propylbenzene
Concen: 52.630 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



Tgt Ion: 91 Resp: 509566
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.7





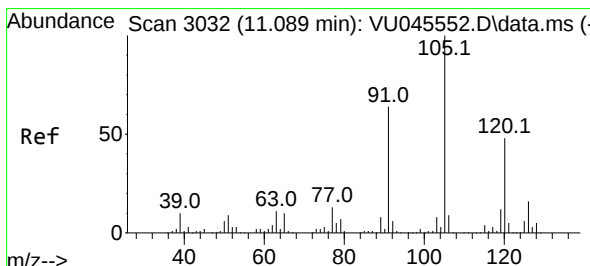
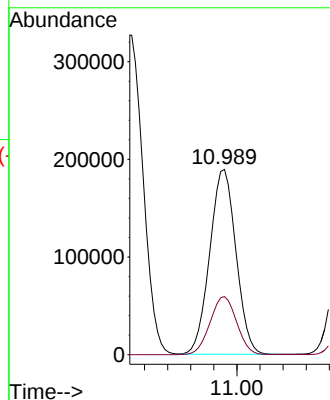
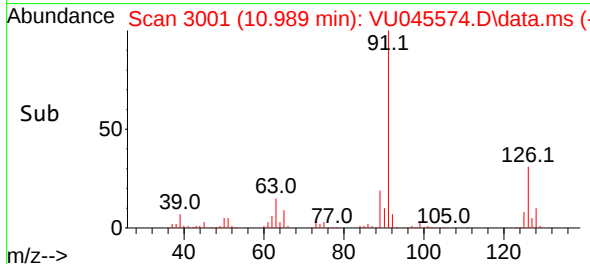
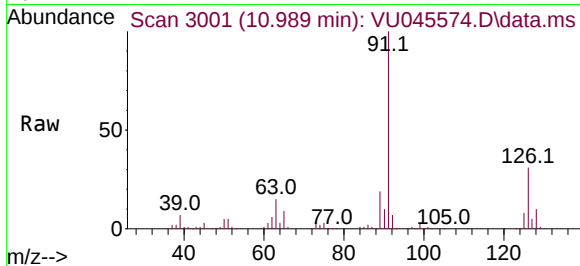
#79
2-Chlorotoluene
Concen: 52.289 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 29910
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8

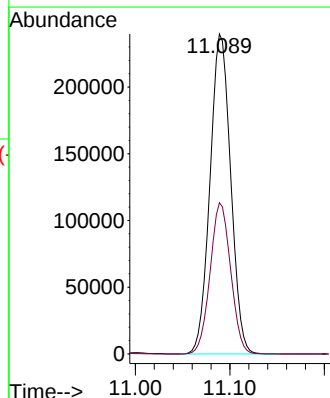
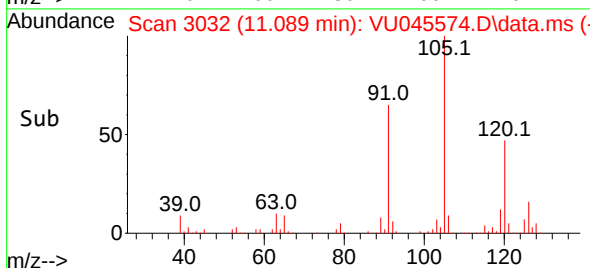
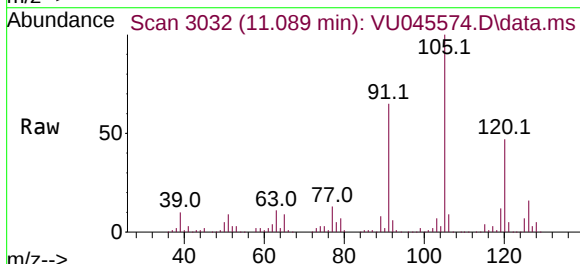
Manual Integrations
APPROVED

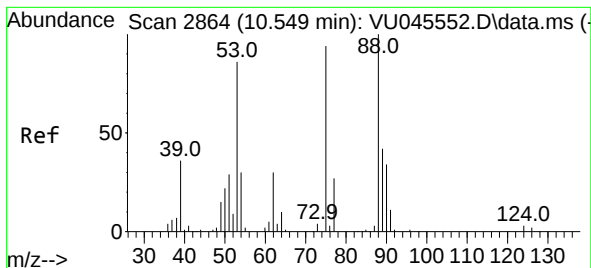
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.561 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

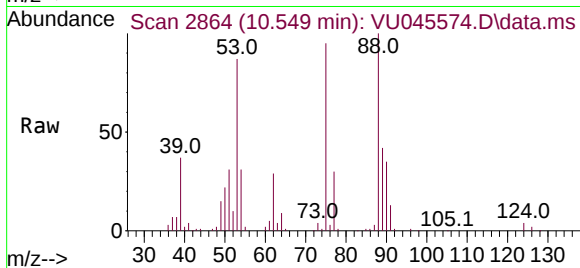
Tgt Ion:105 Resp: 364042
Ion Ratio Lower Upper
105 100
120 46.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.681 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

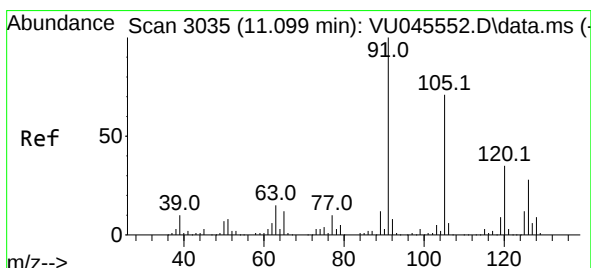
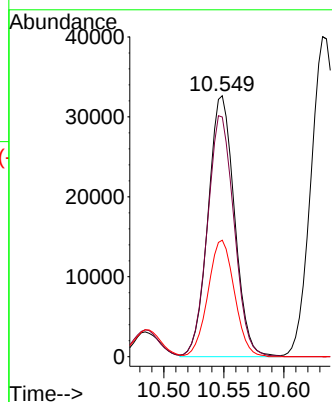
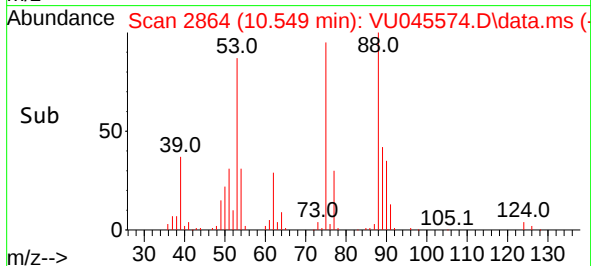
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 50049
Ion Ratio Lower Upper
75 100
53 93.2 76.2 114.4
89 44.7 34.0 51.0

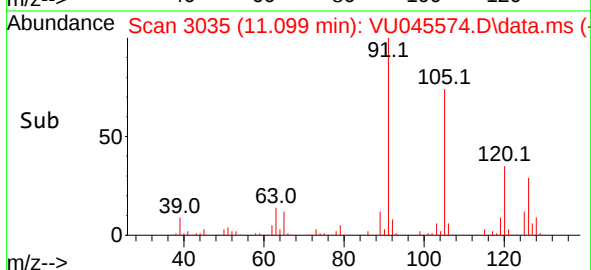
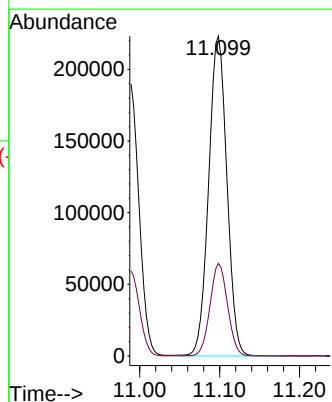
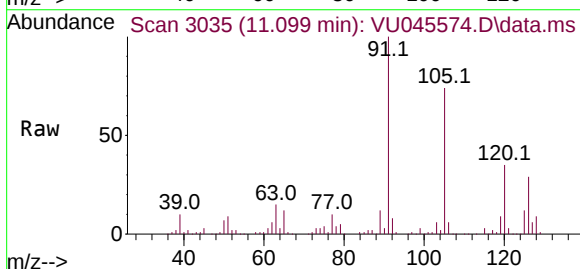
Manual Integrations
APPROVED

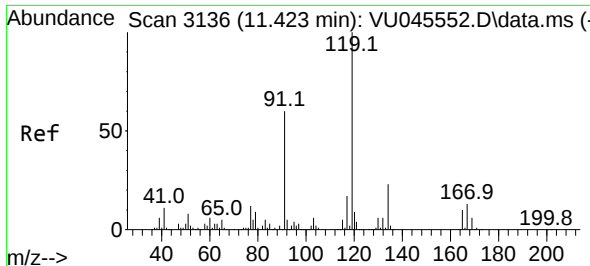
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#82
4-Chlorotoluene
Concen: 52.742 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

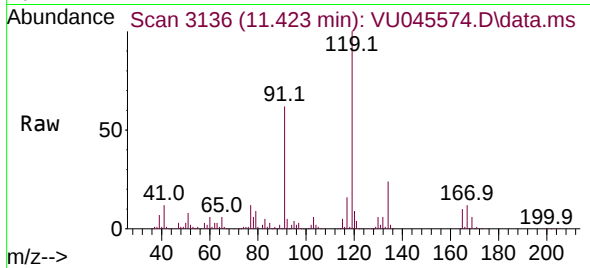
Tgt Ion: 91 Resp: 353823
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4





#83
tert-Butylbenzene
Concen: 53.062 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

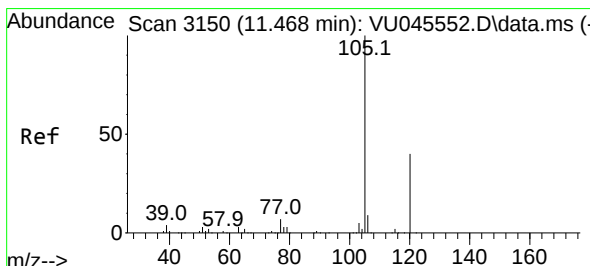
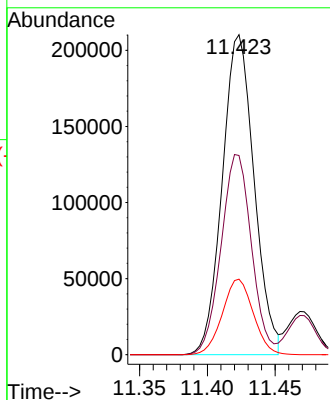
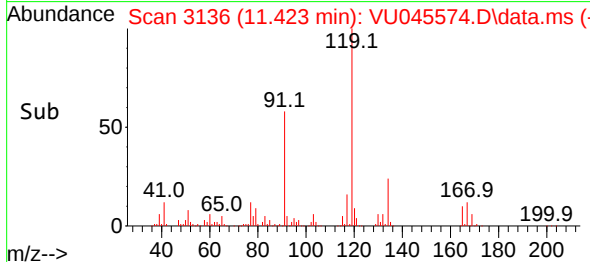
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 343790
Ion Ratio Lower Upper
119 100
91 59.5 30.5 91.5
134 22.9 11.5 34.5

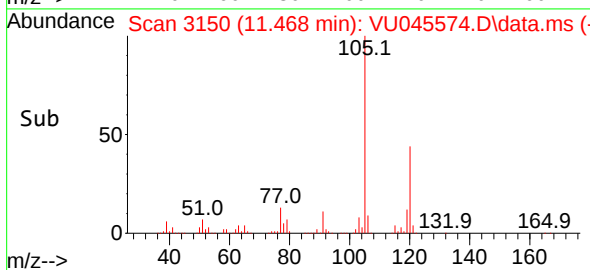
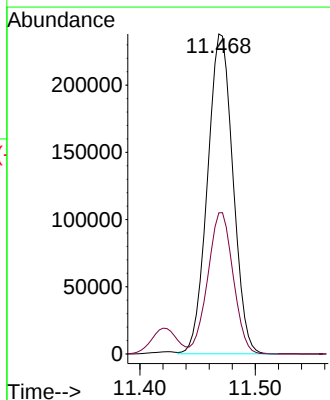
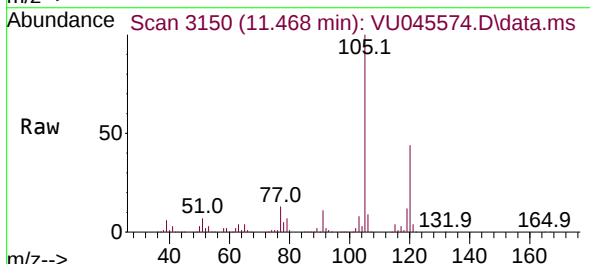
Manual Integrations
APPROVED

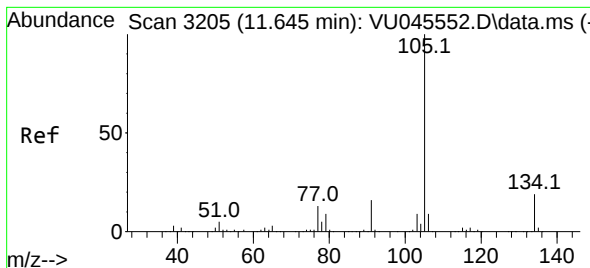
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#84
1,2,4-Trimethylbenzene
Concen: 53.946 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

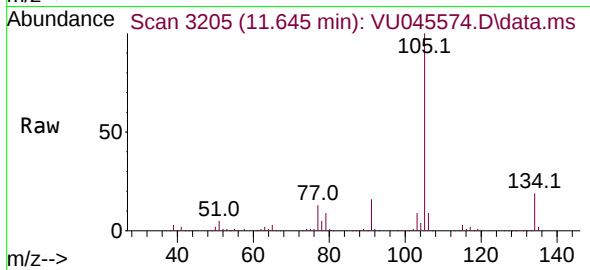
Tgt Ion:105 Resp: 364415
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 52.817 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045574.D
 Acq: 05 Nov 2021 21:10

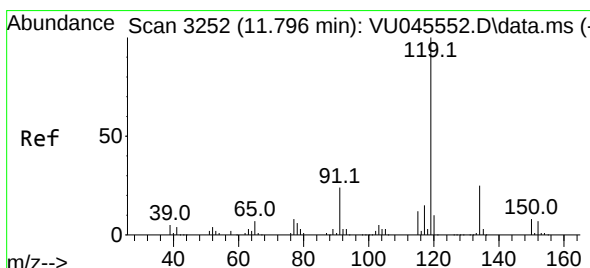
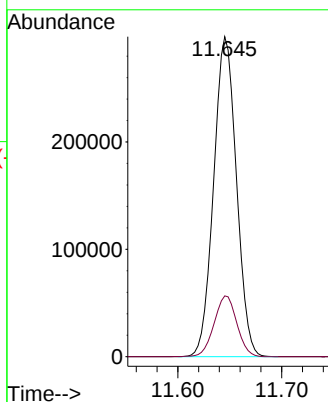
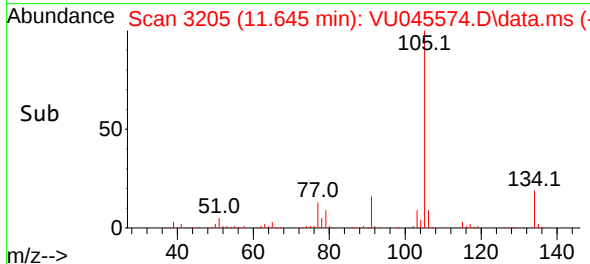
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



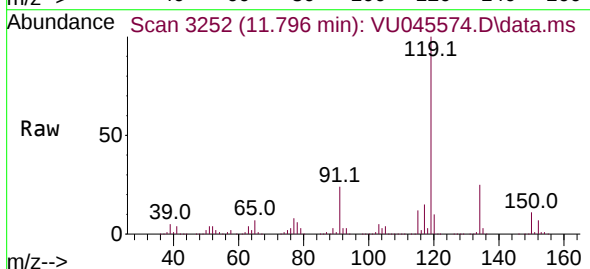
Tgt Ion:105 Resp: 453840
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3

Manual Integrations
 APPROVED

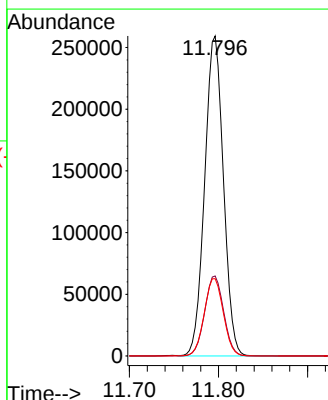
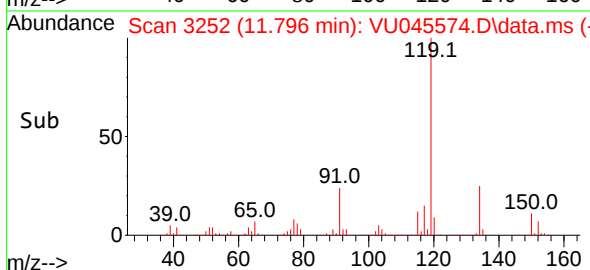
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

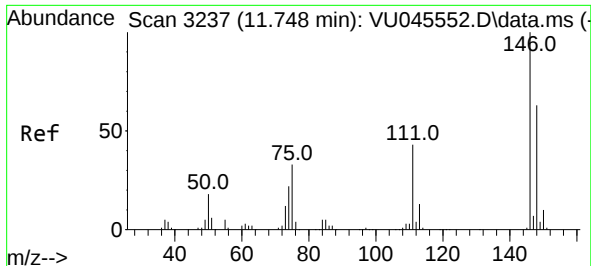


#86
 p-Isopropyltoluene
 Concen: 52.697 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045574.D
 Acq: 05 Nov 2021 21:10



Tgt Ion:119 Resp: 378393
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.307 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 191715

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

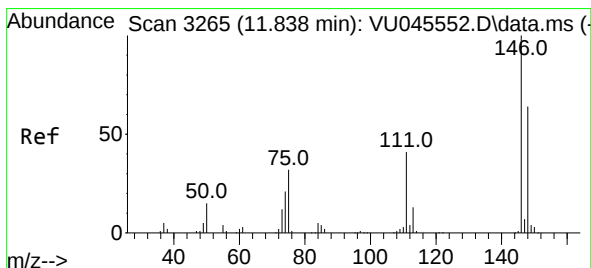
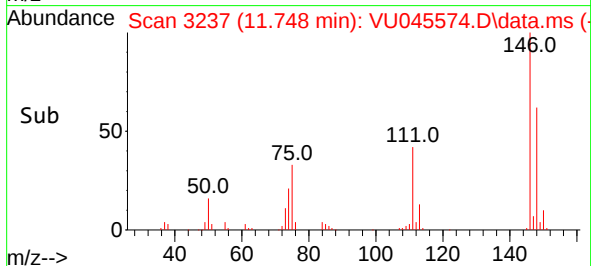
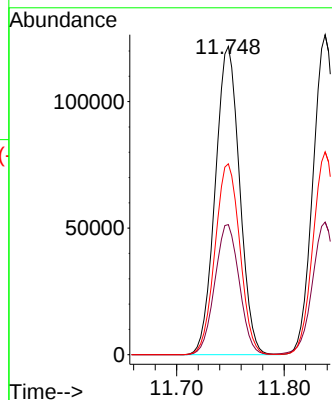
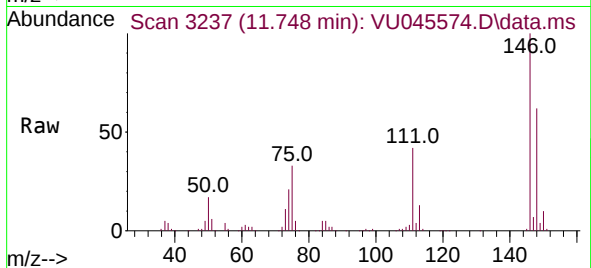
148 63.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#88

1,4-Dichlorobenzene

Concen: 50.093 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

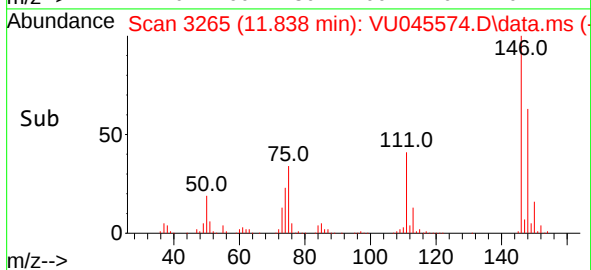
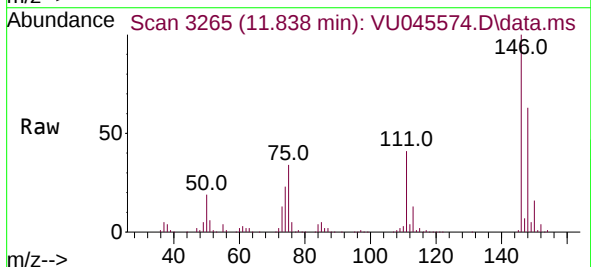
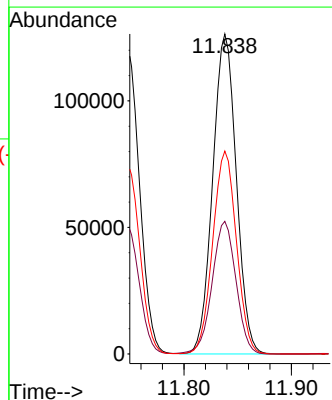
Tgt Ion:146 Resp: 193073

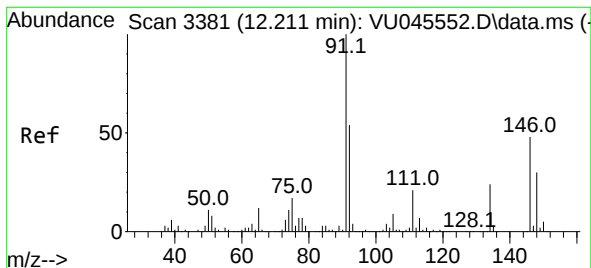
Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.9

148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 51.834 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

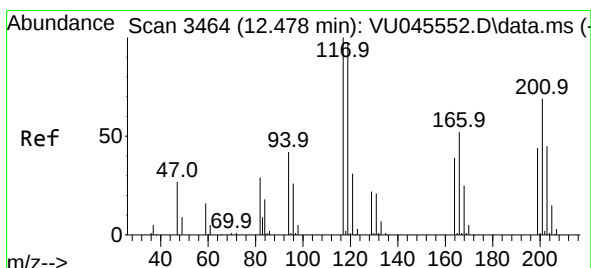
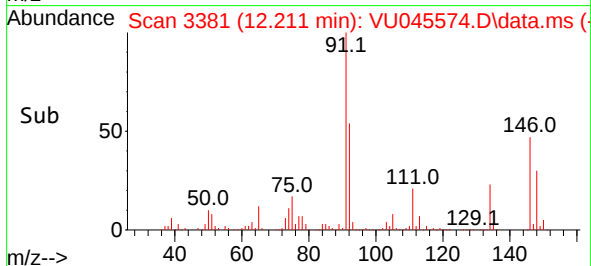
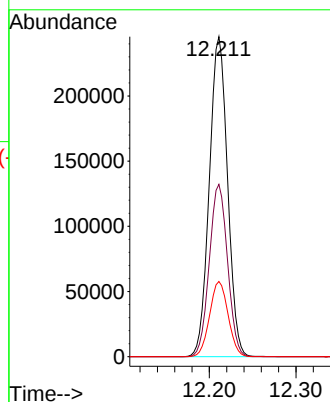
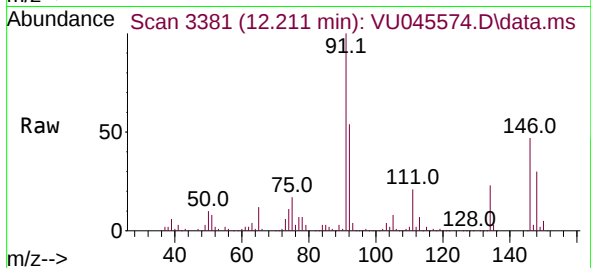
Tgt Ion: 91 Resp: 35853
 Ion Ratio Lower Upper
 91 100
 92 53.9 27.1 81.2
 134 23.8 11.8 35.4

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#90

Hexachloroethane

Concen: 51.353 ug/l

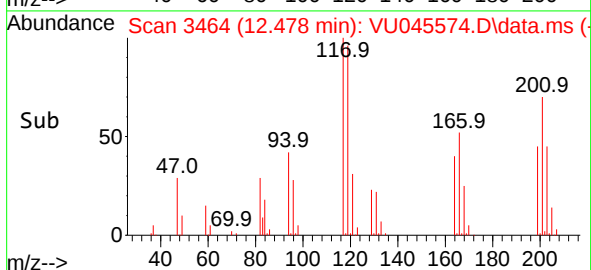
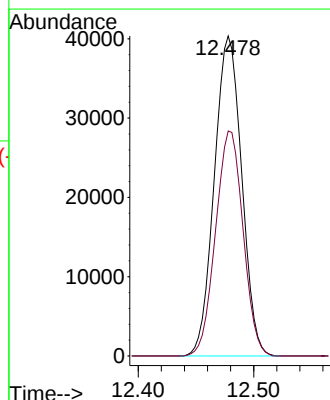
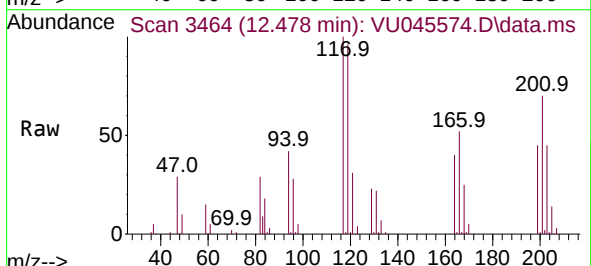
RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU045574.D

Acq: 05 Nov 2021 21:10

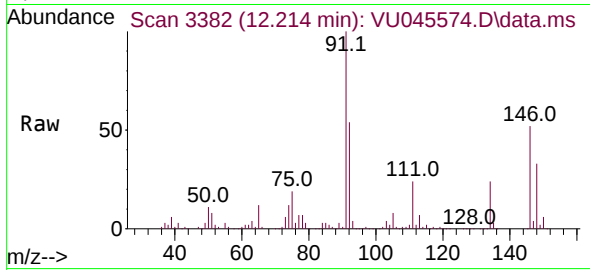
Tgt Ion:117 Resp: 66520
 Ion Ratio Lower Upper
 117 100
 201 70.5 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 50.940 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

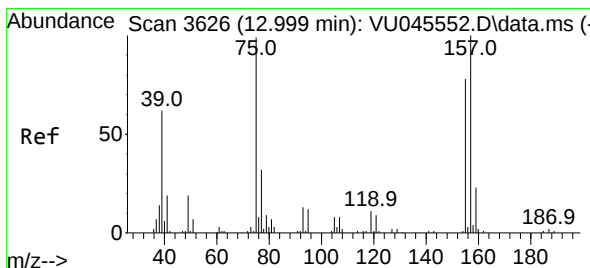
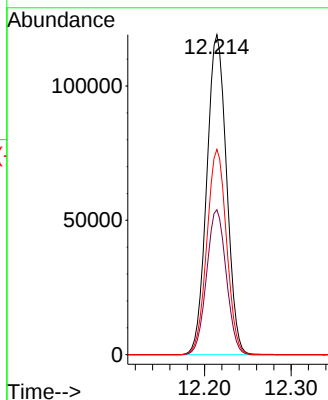
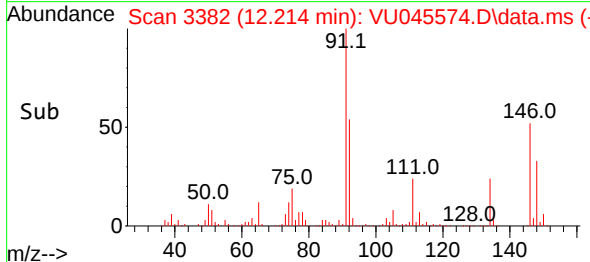
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 18886
Ion Ratio Lower Upper
146 100
111 45.0 21.9 65.5
148 63.8 32.1 96.3

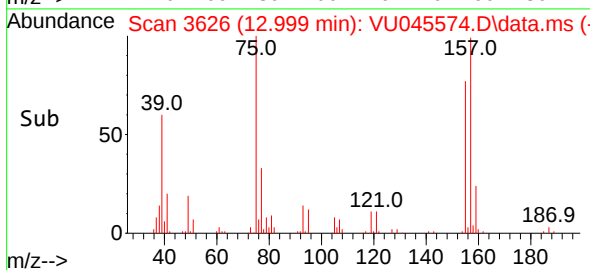
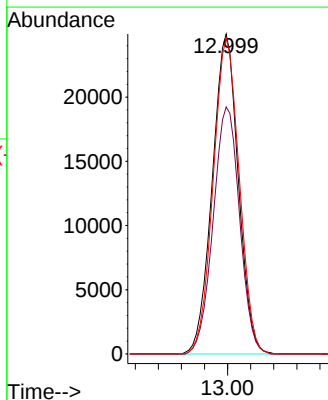
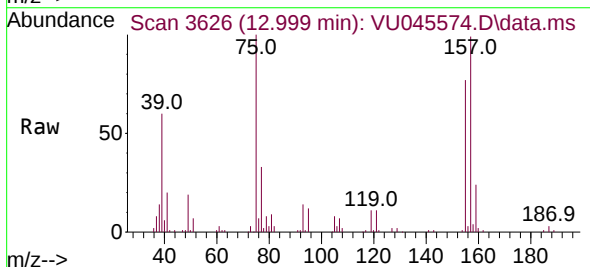
Manual Integrations
APPROVED

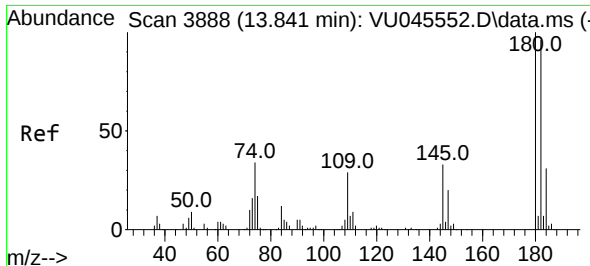
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.562 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

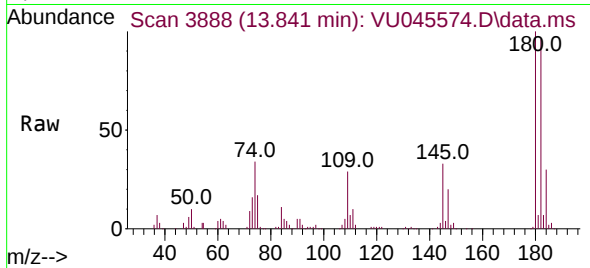
Tgt Ion: 75 Resp: 38953
Ion Ratio Lower Upper
75 100
155 78.3 37.8 113.3
157 98.8 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 50.821 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

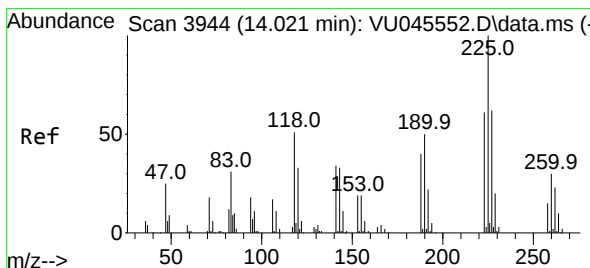
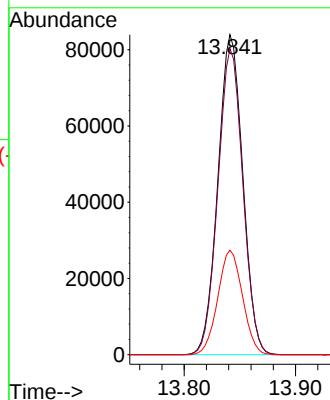
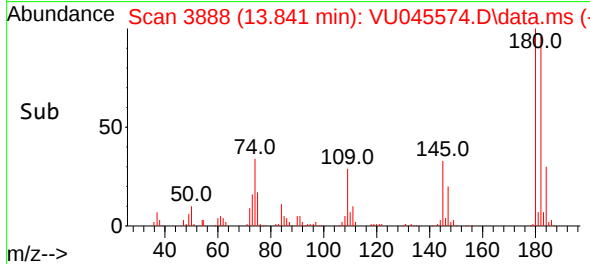
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



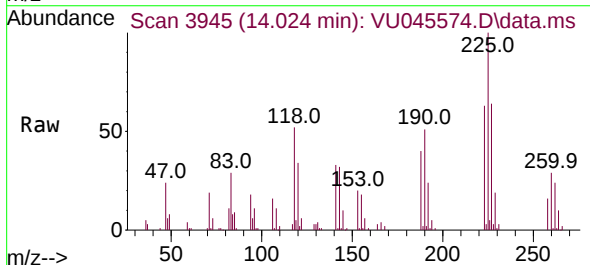
Tgt Ion:180 Resp: 130284
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 32.4 15.6 46.7

Manual Integrations
APPROVED

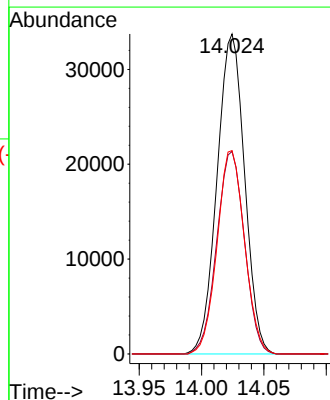
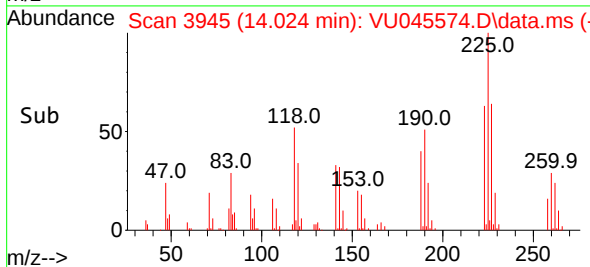
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

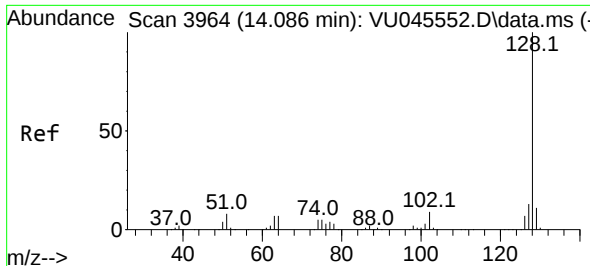


#94
Hexachlorobutadiene
Concen: 46.984 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



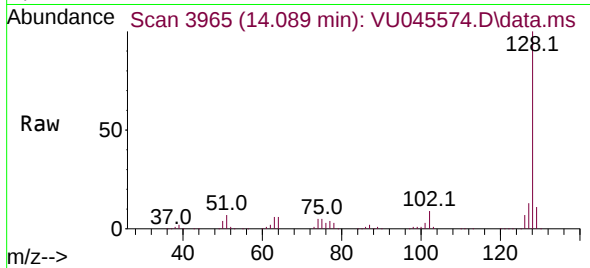
Tgt Ion:225 Resp: 51992
Ion Ratio Lower Upper
225 100
223 63.5 32.0 96.2
227 63.0 31.1 93.5





#95
Naphthalene
Concen: 50.168 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10

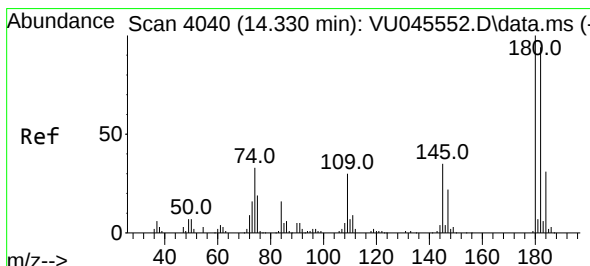
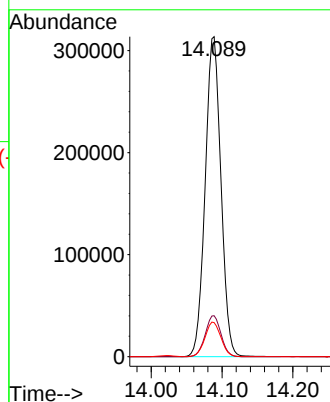
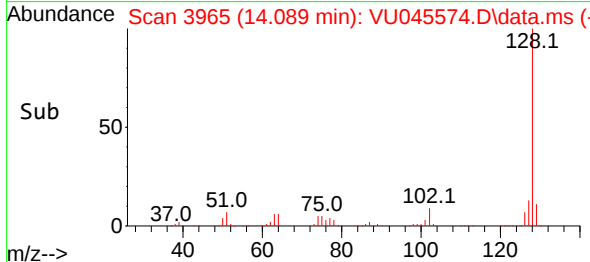
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



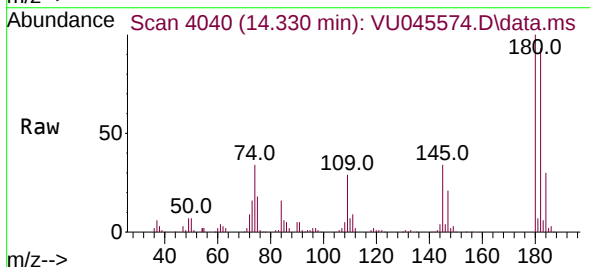
Tgt Ion:128 Resp: 483530
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.041 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045574.D
Acq: 05 Nov 2021 21:10



Tgt Ion:180 Resp: 132514
Ion Ratio Lower Upper
180 100
182 94.1 47.7 143.1
145 34.2 16.7 50.0

