

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043758.D
 Acq On : 14 May 2021 16:10
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 00:29:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:28:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	254456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	247134	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	137838	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	373284	18.45	ug/L	0.00
7) Chloroethane-d5	1.919	69	252876	17.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	156049	16.26	ug/L	0.00
20) 2-Butanone-d5	4.645	46	930135	169.24	ug/L	0.00
24) Chloroform-d	5.073	84	616871	16.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	305652	13.98	ug/L	0.00
32) Benzene-d6	5.735	84	1292974	19.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	403828	17.87	ug/L	0.00
41) Toluene-d8	7.906	98	1196896	19.75	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	160026	17.84	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	773199	208.13	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	329280	18.29	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	449002	18.59	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	382511	21.71	ug/L	100
3) Chloromethane	1.523	50	428377	22.39	ug/L	99
5) Vinyl chloride	1.607	62	444265	24.21	ug/L	98
6) Bromomethane	1.861	94	251525	27.36	ug/L	99
8) Chloroethane	1.938	64	231125	20.08	ug/L	99
9) Trichlorofluoromethane	2.144	101	493376	18.43	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	352817	21.01	ug/L	99
12) 1,1-Dichloroethene	2.584	96	350563	23.58	ug/L	96
13) Acetone	2.658	43	547509	149.82	ug/L	98
14) Carbon disulfide	2.800	76	1148096	28.57	ug/L	100
15) Methyl Acetate	2.964	43	135607	15.27	ug/L	93
16) Methylene chloride	3.054	84	387096	16.41	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	856971	21.08	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	367562	23.67	ug/L	99
19) 1,1-Dichloroethane	3.880	63	663613	19.04	ug/L	99
21) 2-Butanone	4.726	43	1134122	187.82	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	397479	22.34	ug/L	99
23) Bromochloromethane	4.983	128	182058	22.85	ug/L	99
25) Chloroform	5.099	83	651556	17.74	ug/L	99
27) 1,2-Dichloroethane	5.803	62	409573	16.89	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	546062	19.17	ug/L	99
30) Cyclohexane	5.398	56	655952	26.75	ug/L	99
31) Carbon tetrachloride	5.533	117	461002	19.67	ug/L	100
33) Benzene	5.784	78	1524875	22.85	ug/L	100
34) Trichloroethene	6.549	95	385356	22.67	ug/L	99
35) Methylcyclohexane	6.771	83	673526	29.13	ug/L	97
37) 1,2-Dichloropropane	6.800	63	397840	20.64	ug/L	99
38) Bromodichloromethane	7.112	83	467409	19.00	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	578314	22.57	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	2650454	180.27	ug/L	98
42) Toluene	7.977	91	1644238	23.44	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	484683	21.05	ug/L	98

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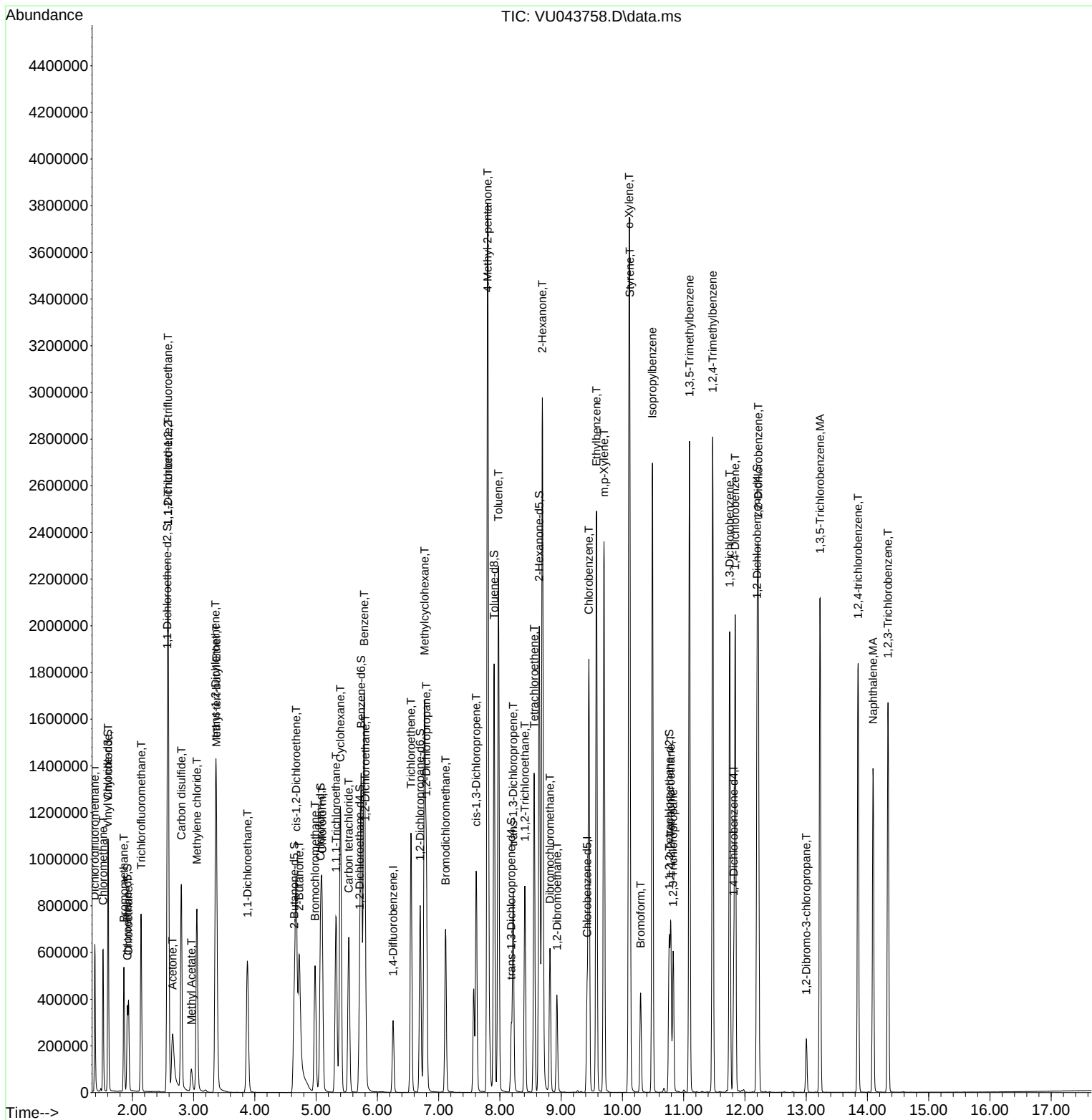
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 MSVOA_U
 ClientSampleId :

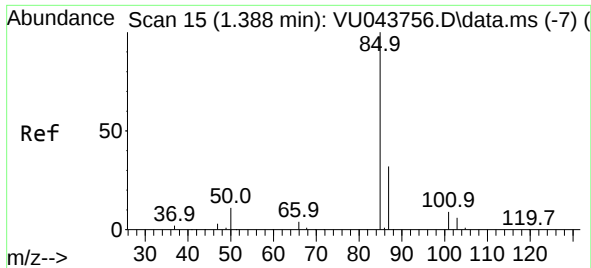
Quant Time: May 15 00:29:19 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	284137	21.09	ug/L	98
47) Tetrachloroethene	8.558	164	315589	24.50	ug/L	97
48) 2-Hexanone	8.694	43	1944326	179.97	ug/L	99
49) Dibromochloromethane	8.819	129	326292	20.43	ug/L	98
50) 1,2-Dibromoethane	8.931	107	269708	21.58	ug/L	98
51) Chlorobenzene	9.452	112	997118	22.53	ug/L	99
52) Ethylbenzene	9.578	91	1769985	24.09	ug/L	100
53) m,p-Xylene	9.700	106	684619	25.36	ug/L	98
54) o-Xylene	10.108	106	652610	24.94	ug/L	100
55) Styrene	10.121	104	1128861	24.88	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	363754	20.51	ug/L	99
59) Bromoform	10.298	173	195249	19.86	ug/L	100
60) Isopropylbenzene	10.491	105	1734812	22.83	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	263562	19.39	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	1495473	24.90	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	1538866	25.48	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	820303	21.79	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	819548	21.29	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	783096	20.77	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	58668	18.61	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	680038	22.93	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	579425	23.71	ug/L	100
71) Naphthalene	14.092	128	1095700	26.44	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	542848	23.76	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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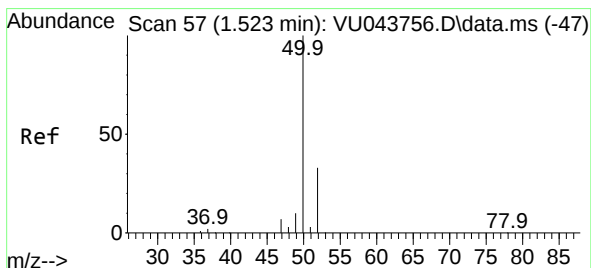
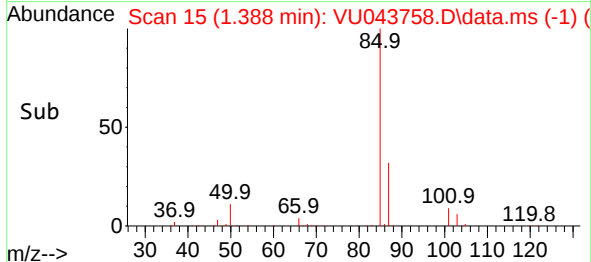
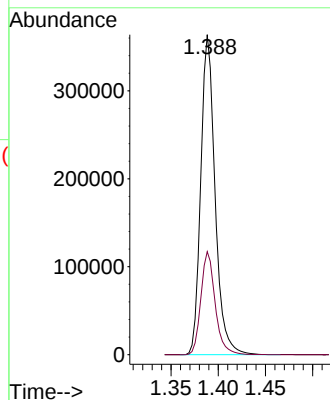
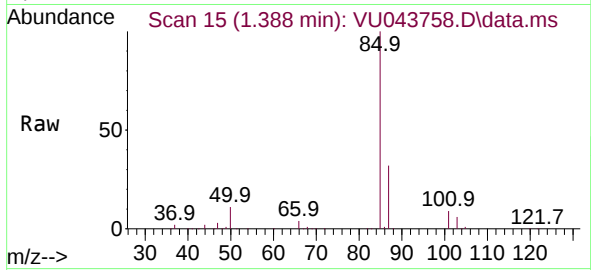




#2
Dichlorodifluoromethane
Concen: 21.71 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

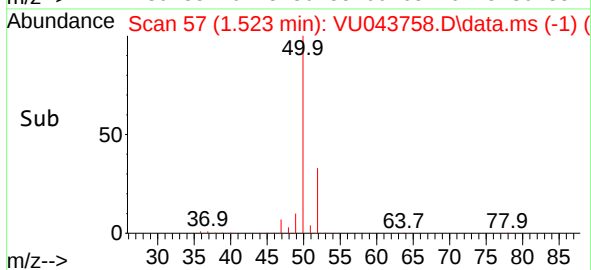
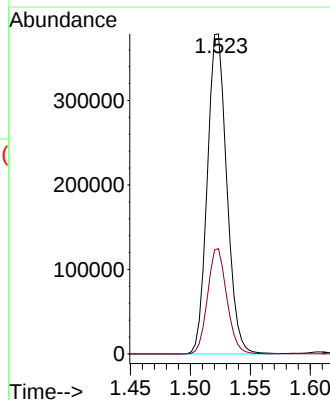
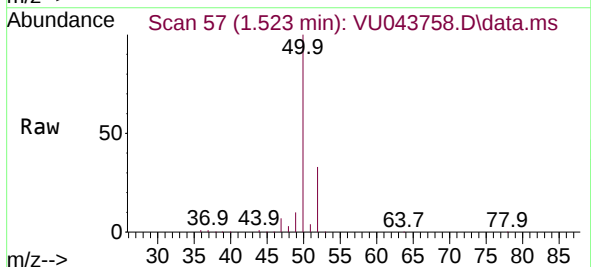
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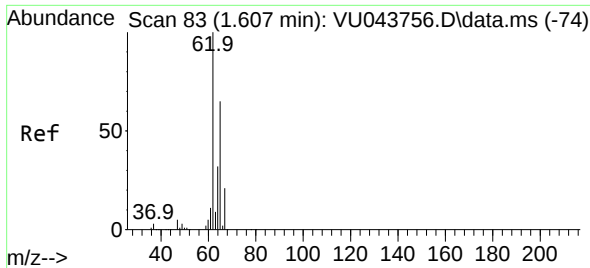
Tgt Ion: 85 Resp: 382511
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3



#3
Chloromethane
Concen: 22.39 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 50 Resp: 428377
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

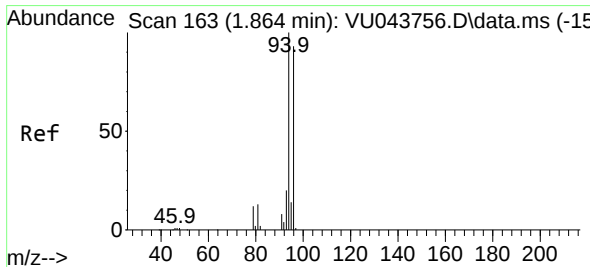
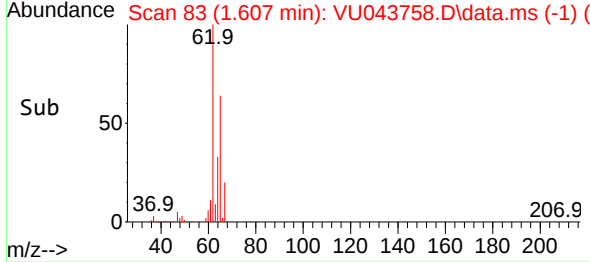
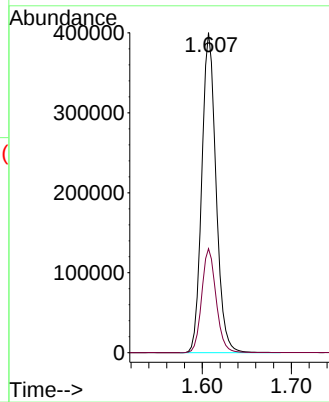
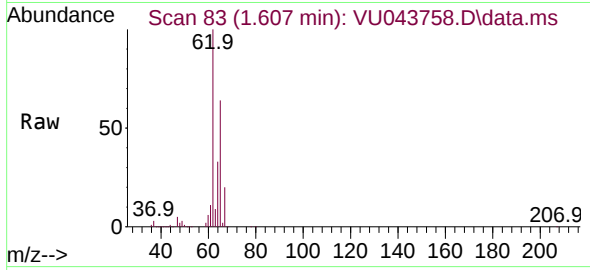




#5
 Vinyl chloride
 Concen: 24.21 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043758.D
 Acq: 14 May 2021 16:10

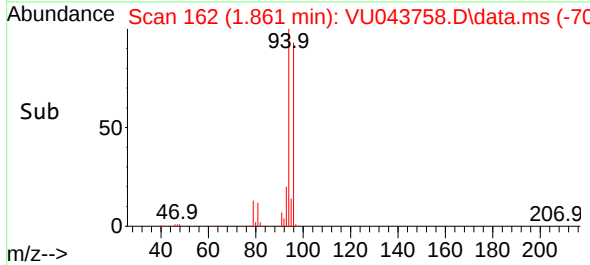
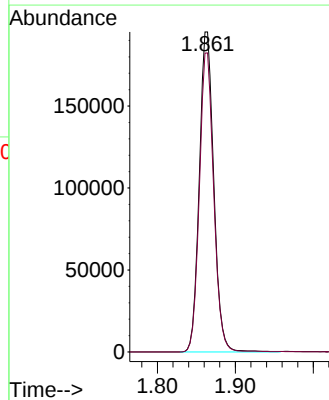
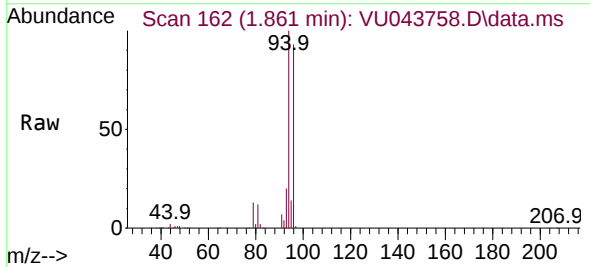
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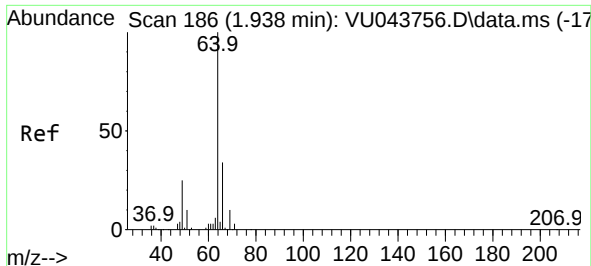
Tgt Ion: 62 Resp: 444265
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.1 41.1



#6
 Bromomethane
 Concen: 27.36 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU043758.D
 Acq: 14 May 2021 16:10

Tgt Ion: 94 Resp: 251525
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.0 120.8

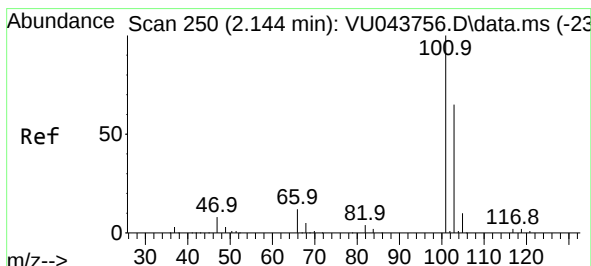
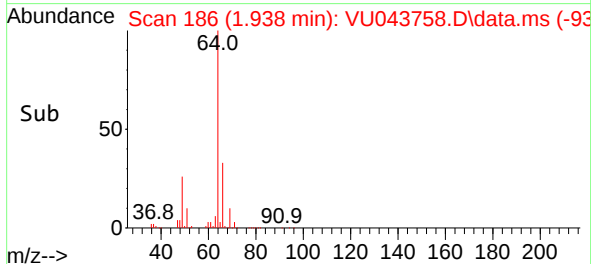
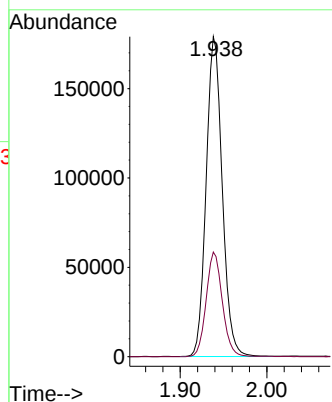
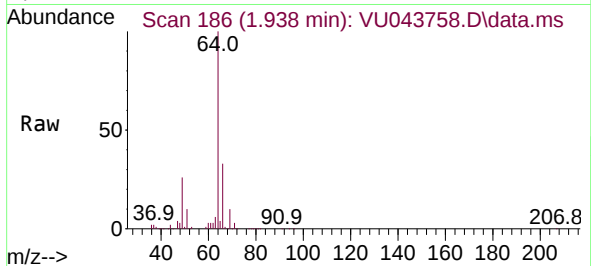




#8
Chloroethane
Concen: 20.08 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

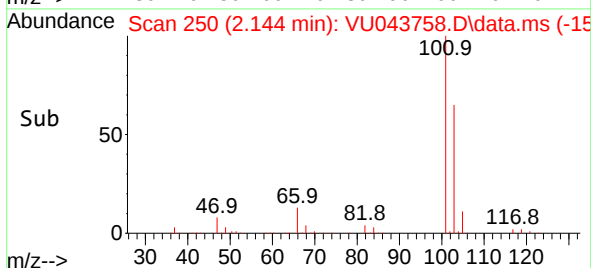
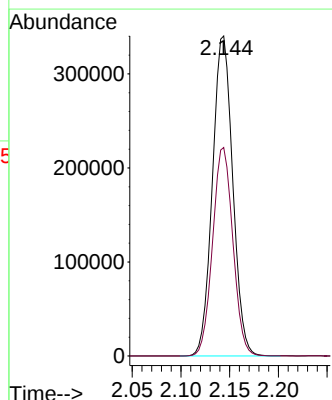
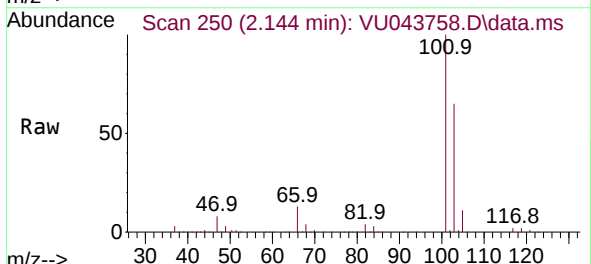
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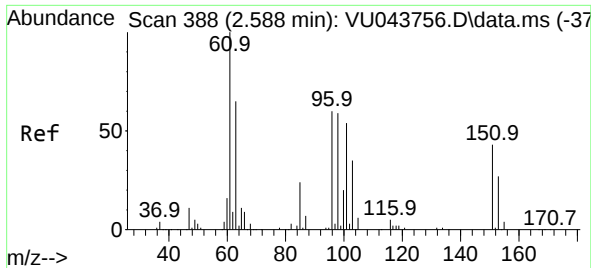
Tgt Ion: 64 Resp: 231125
Ion Ratio Lower Upper
64 100
66 32.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 18.43 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:101 Resp: 493376
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

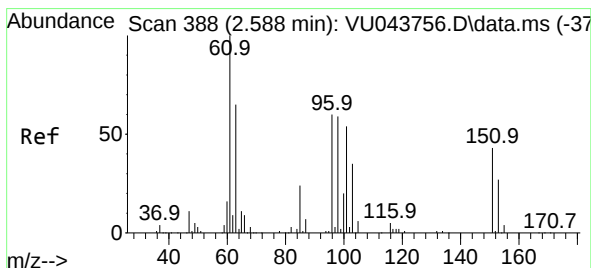
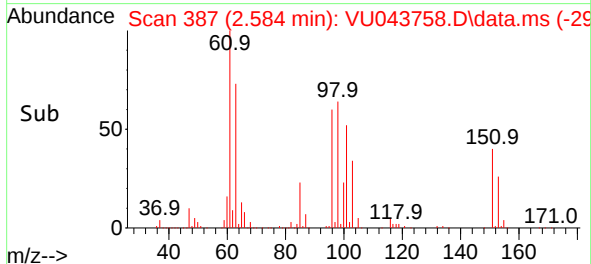
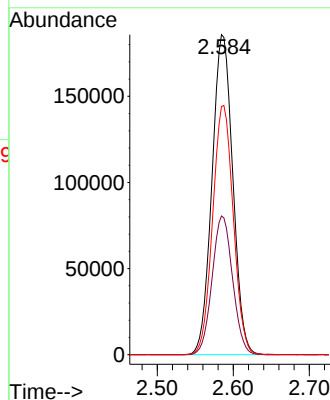
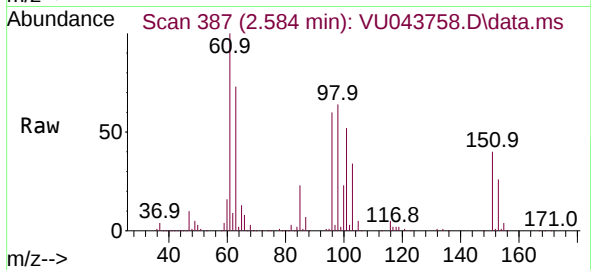




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.01 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043758.D
 Acq: 14 May 2021 16:10

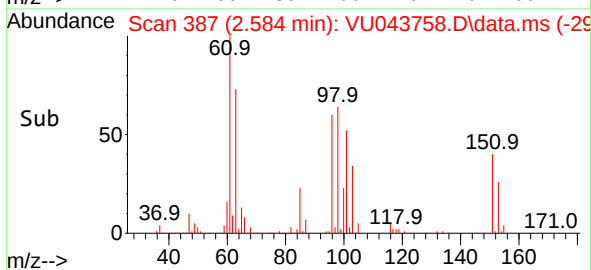
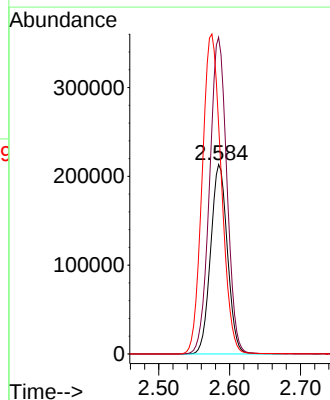
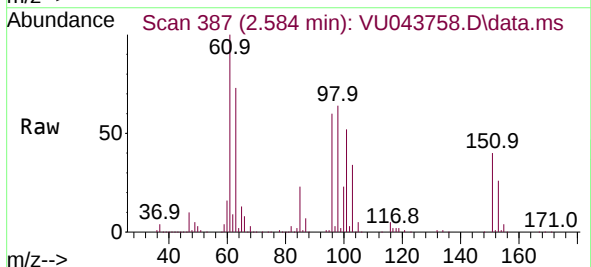
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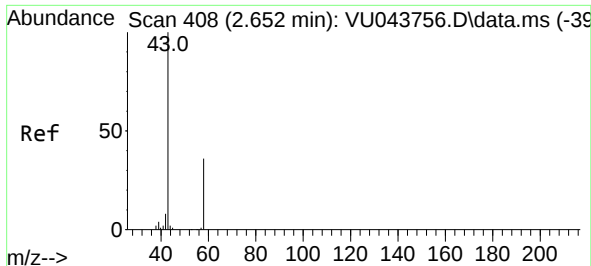
Tgt Ion:101 Resp: 352817
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.3 51.5
 151 77.2 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 23.58 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043758.D
 Acq: 14 May 2021 16:10

Tgt Ion: 96 Resp: 350563
 Ion Ratio Lower Upper
 96 100
 61 167.1 117.5 218.1
 63 121.3 77.3 143.7

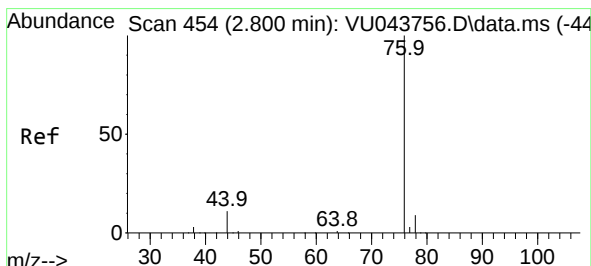
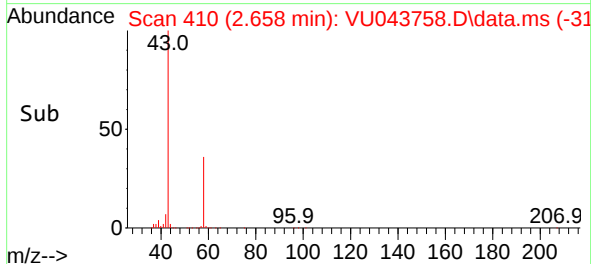
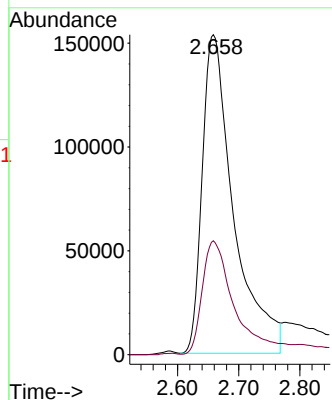
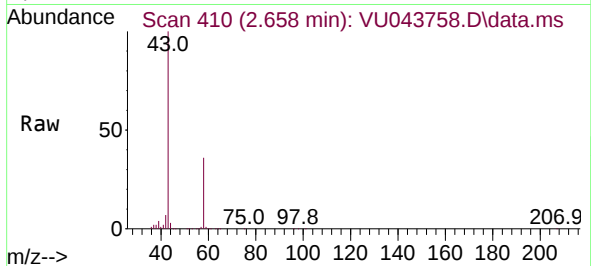




#13
Acetone
Concen: 149.82 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

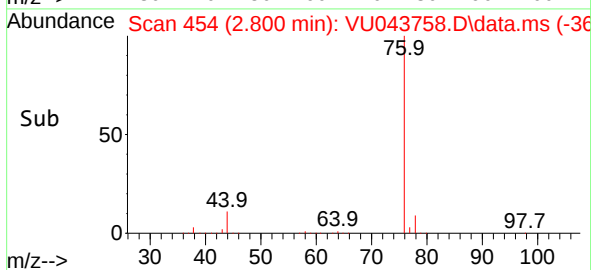
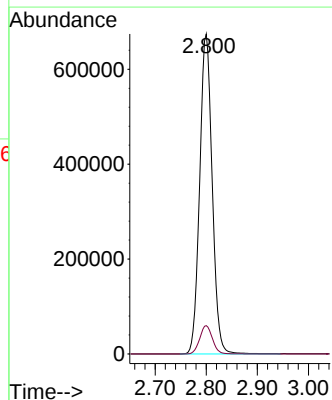
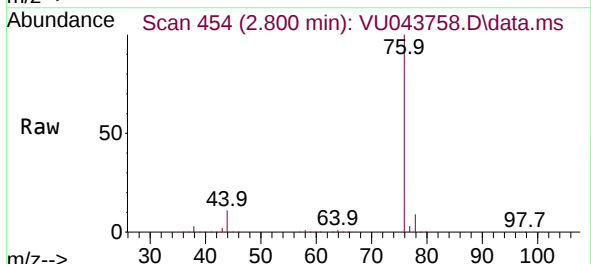
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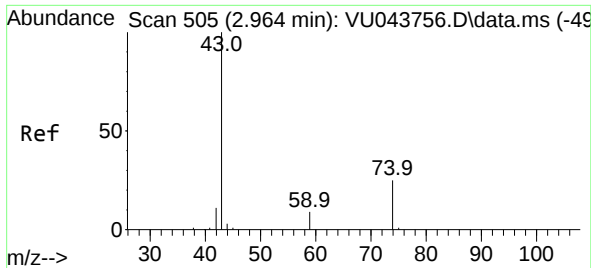
Tgt Ion: 43 Resp: 547509
Ion Ratio Lower Upper
43 100
58 36.8 0.0 71.6



#14
Carbon disulfide
Concen: 28.57 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 76 Resp: 1148096
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

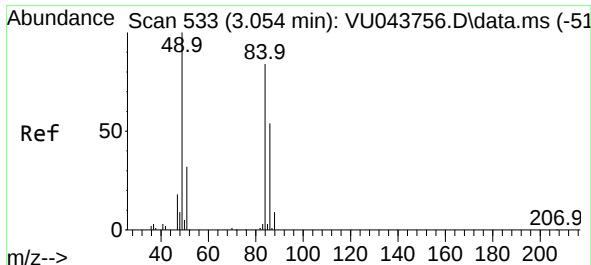
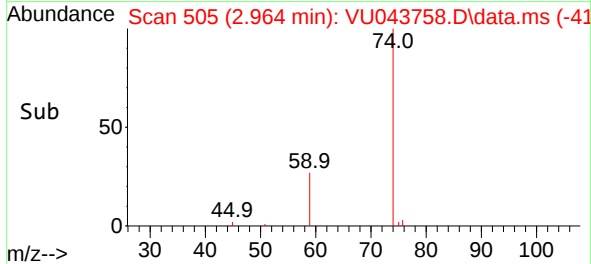
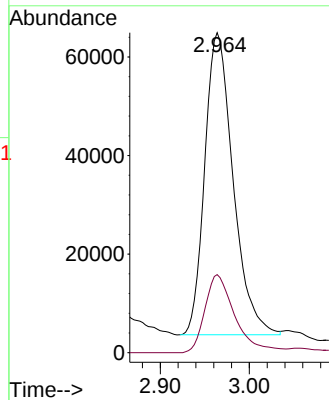
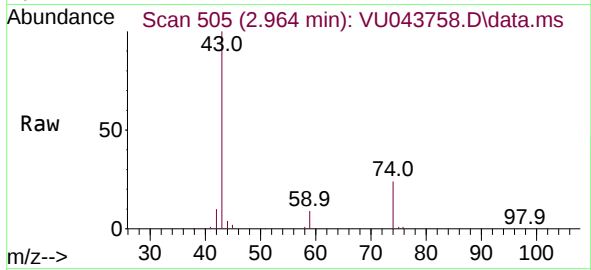




#15
Methyl Acetate
Concen: 15.27 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

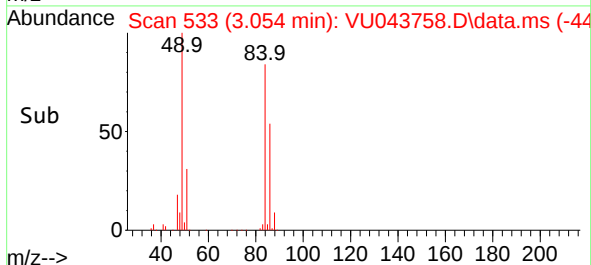
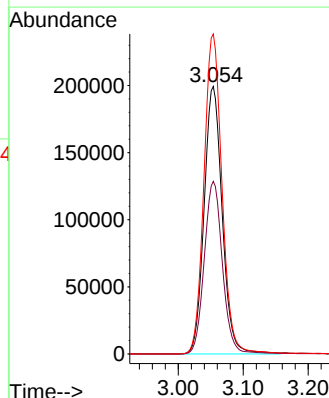
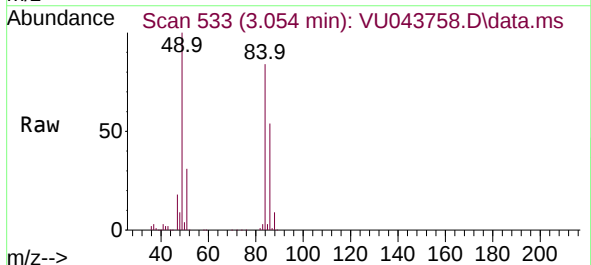
Instrument :
MSVOA_U
ClientSampled :

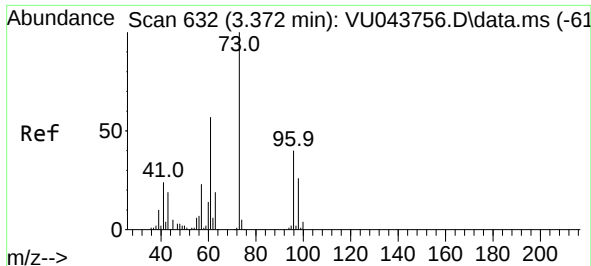
Tgt Ion: 43 Resp: 135607
Ion Ratio Lower Upper
43 100
74 27.4 19.3 28.9



#16
Methylene chloride
Concen: 16.41 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 84 Resp: 387096
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9
49 119.6 83.1 154.3

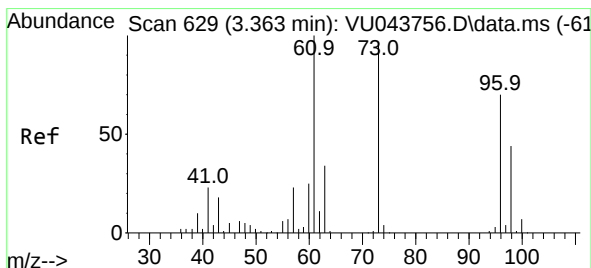
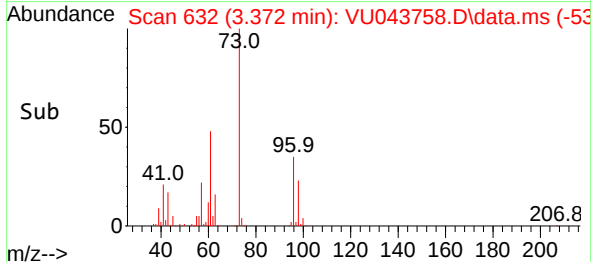
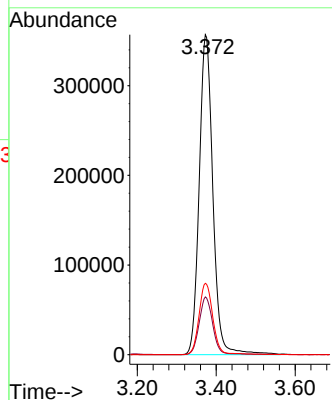
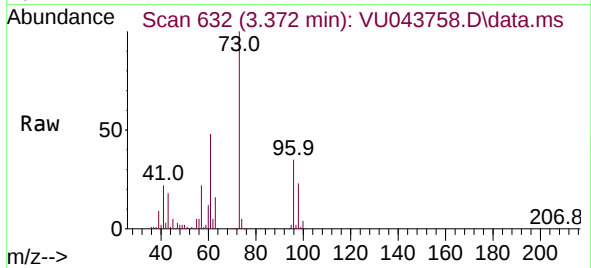




#17
Methyl tert-butyl Ether
Concen: 21.08 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

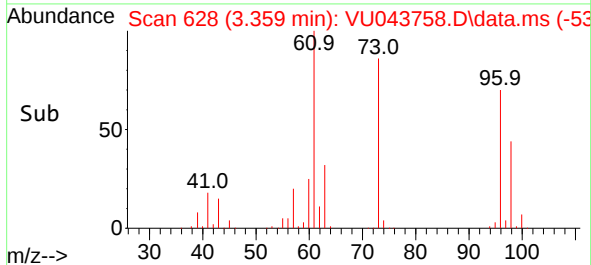
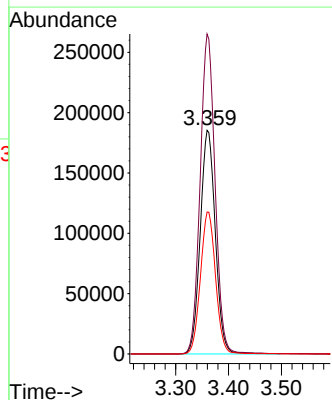
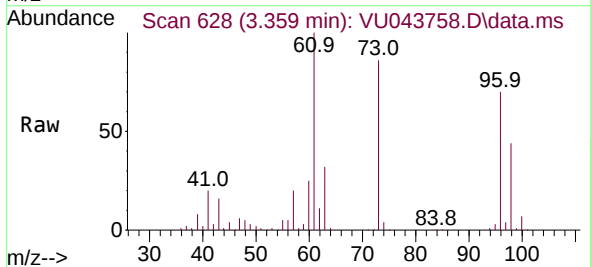
Instrument :
MSVOA_U
ClientSampleId :

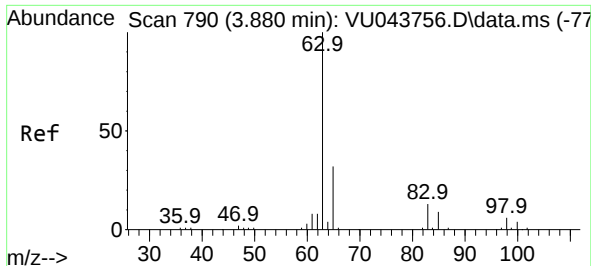
Tgt Ion: 73 Resp: 856971
Ion Ratio Lower Upper
73 100
43 17.7 15.0 22.4
57 22.6 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 23.67 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 96 Resp: 367562
Ion Ratio Lower Upper
96 100
61 143.0 99.6 185.0
98 63.4 43.8 81.4





#19

1,1-Dichloroethane

Concen: 19.04 ug/L

RT: 3.880 min Scan# 790

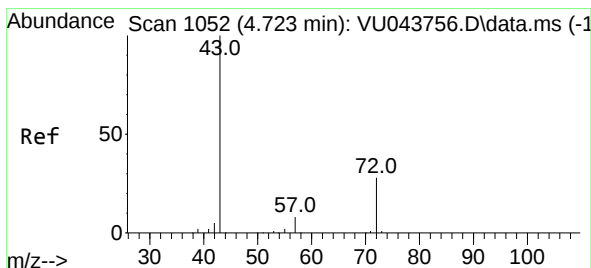
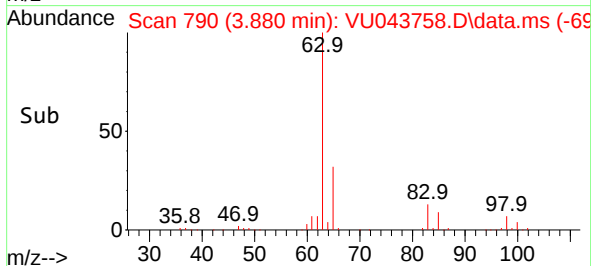
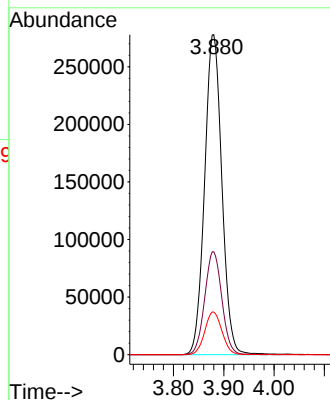
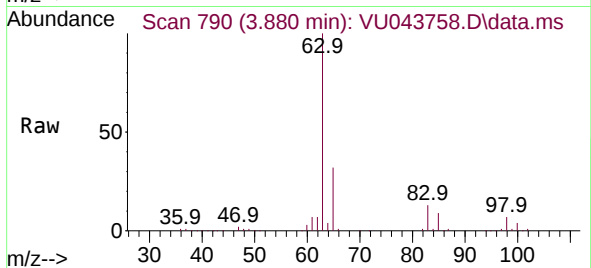
Delta R.T. 0.000 min

Lab File: VU043758.D

Acq: 14 May 2021 16:10

Tgt Ion:	63	Resp:	663613
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	13.3	9.0	16.8

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 187.82 ug/L

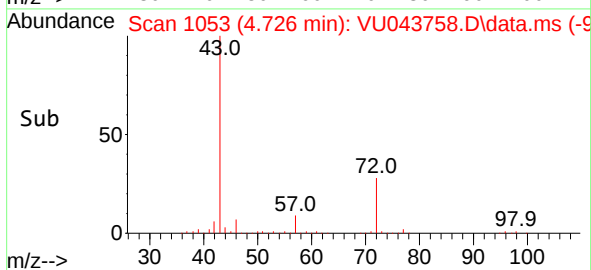
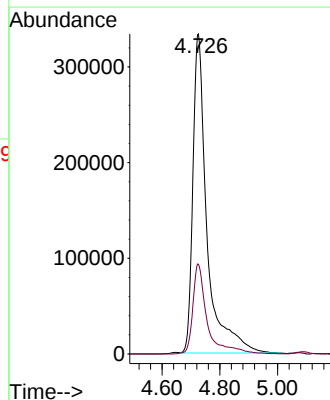
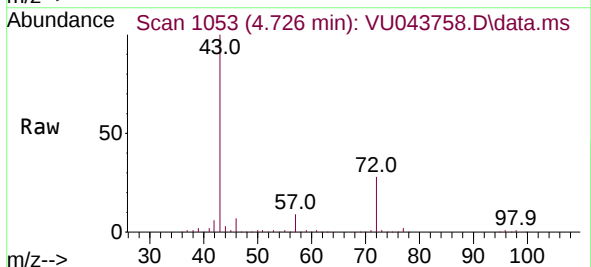
RT: 4.726 min Scan# 1053

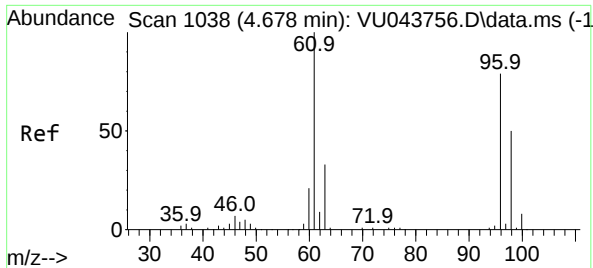
Delta R.T. 0.003 min

Lab File: VU043758.D

Acq: 14 May 2021 16:10

Tgt Ion:	43	Resp:	1134122
Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.5	43.6

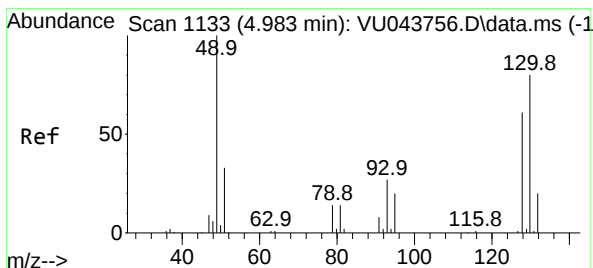
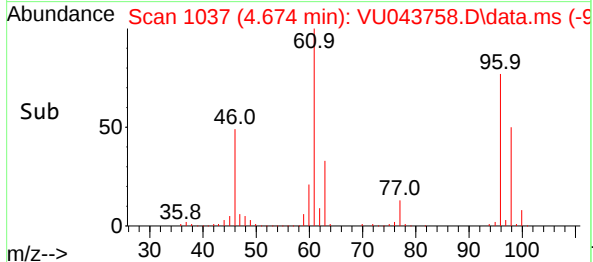
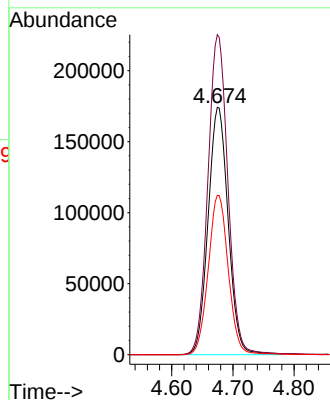
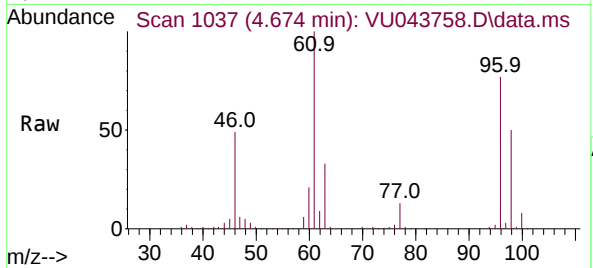




#22
cis-1,2-Dichloroethene
Concen: 22.34 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

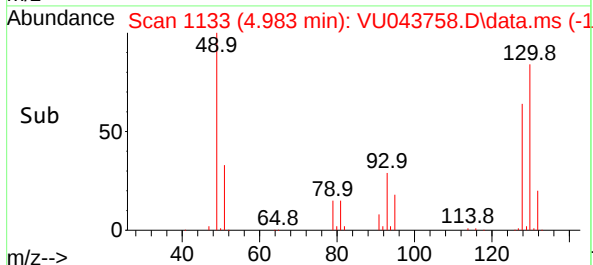
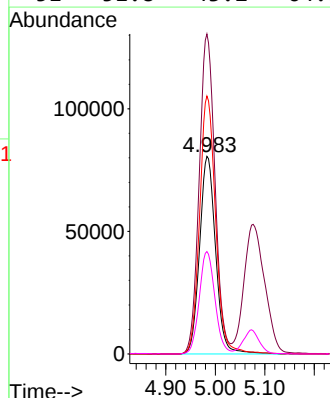
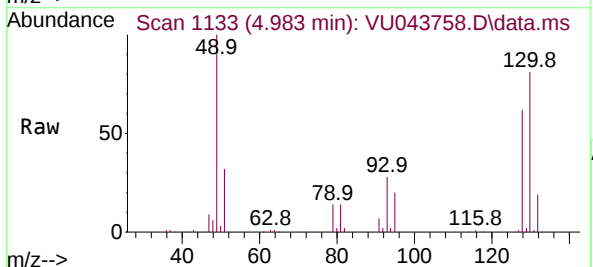
Instrument :
MSVOA_U
ClientSampleId :

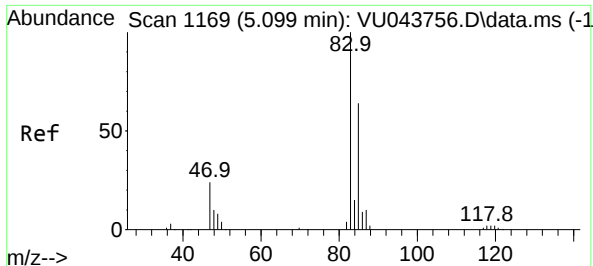
Tgt Ion: 96 Resp: 397479
Ion Ratio Lower Upper
96 100
61 129.4 89.0 165.4
98 64.4 44.9 83.3



#23
Bromochloromethane
Concen: 22.85 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:128 Resp: 182058
Ion Ratio Lower Upper
128 100
49 162.0 114.7 212.9
130 130.5 91.7 170.3
51 51.8 43.2 64.8





#25

Chloroform

Concen: 17.74 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043758.D

Acq: 14 May 2021 16:10

Tgt Ion: 83 Resp: 651556

Ion Ratio Lower Upper

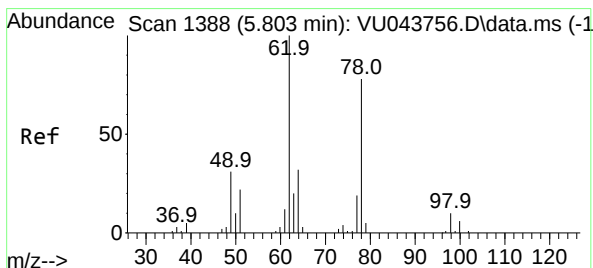
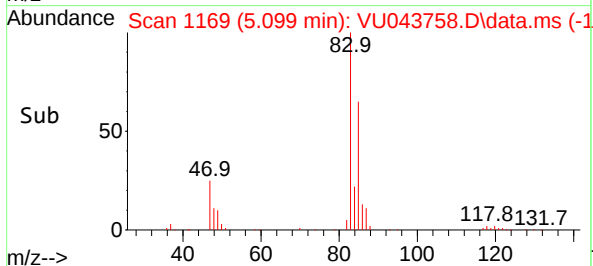
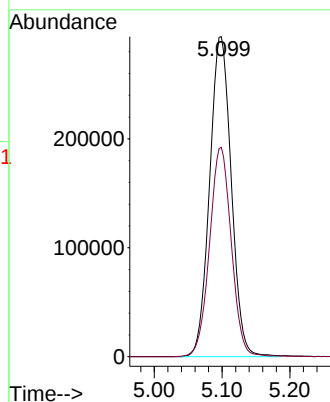
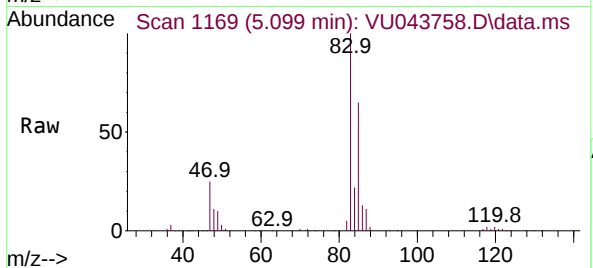
83 100

85 65.4 45.0 83.6

Instrument :

MSVOA_U

ClientSampleId :



#27

1,2-Dichloroethane

Concen: 16.89 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU043758.D

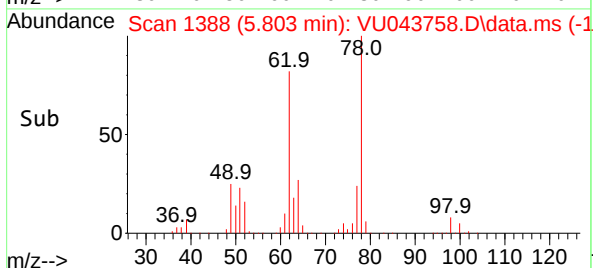
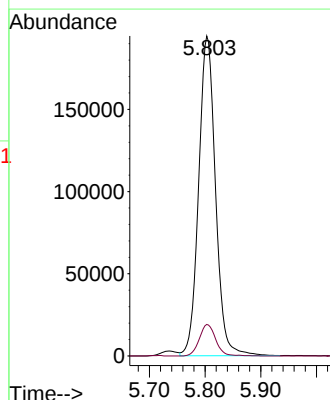
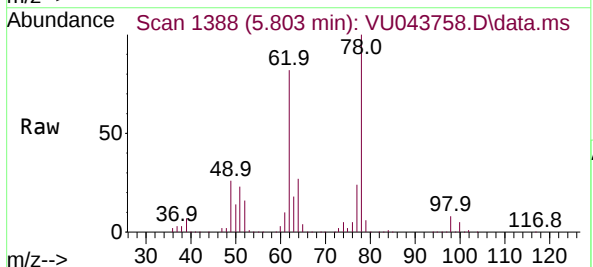
Acq: 14 May 2021 16:10

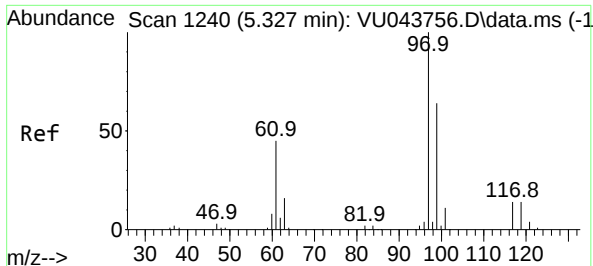
Tgt Ion: 62 Resp: 409573

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5

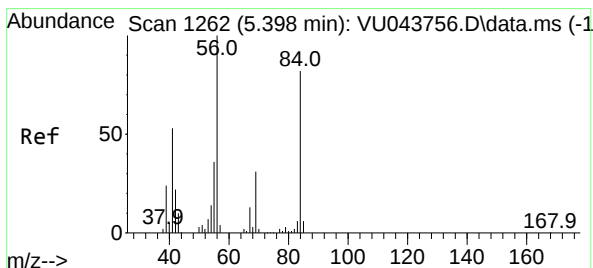
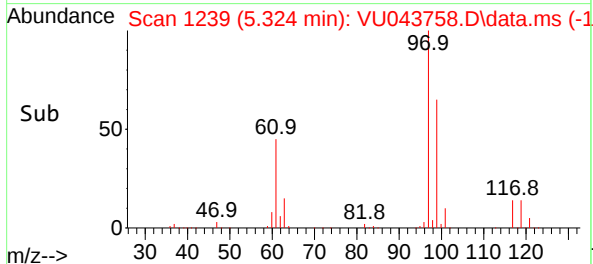
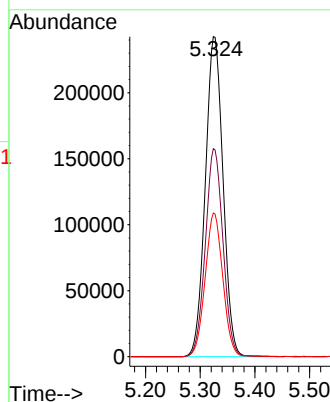
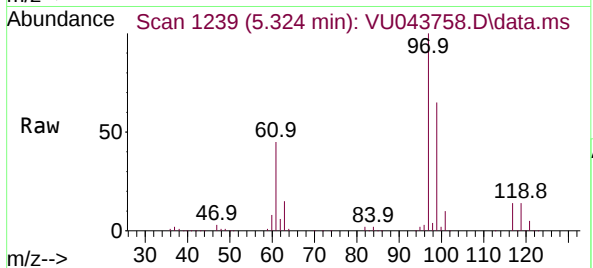




#29
1,1,1-Trichloroethane
Concen: 19.17 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

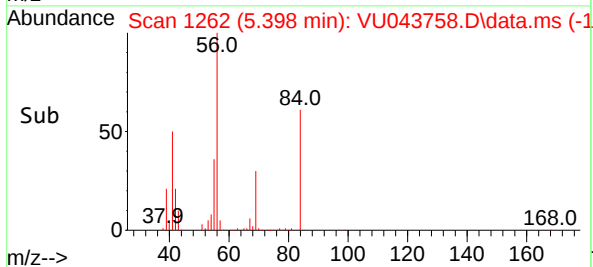
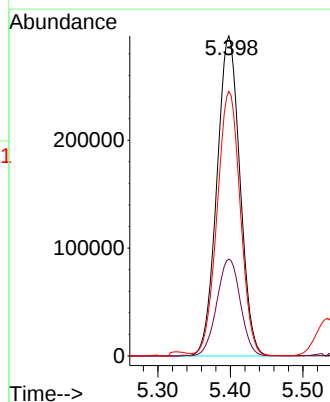
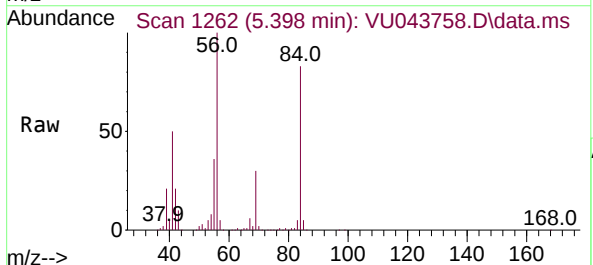
Instrument :
MSVOA_U
ClientSampleId :

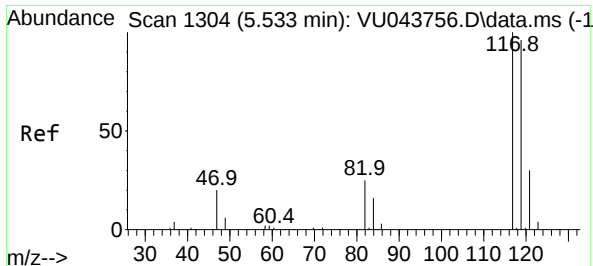
Tgt Ion: 97 Resp: 546062
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 44.7 37.0 55.4



#30
Cyclohexane
Concen: 26.75 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 56 Resp: 655952
Ion Ratio Lower Upper
56 100
69 30.9 24.8 37.2
84 82.9 66.8 100.2

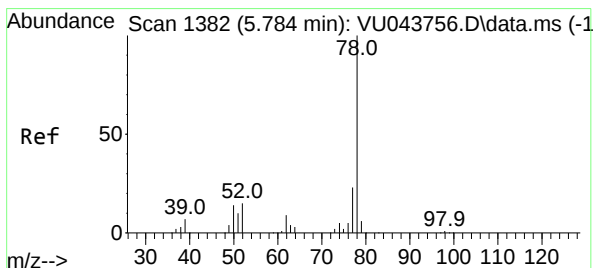
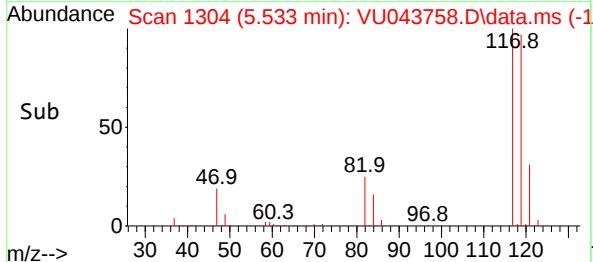
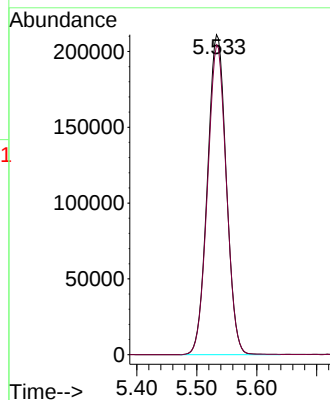
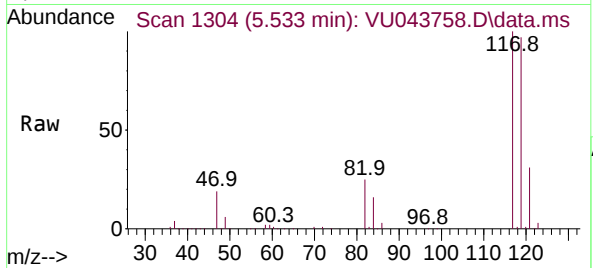




#31
Carbon tetrachloride
Concen: 19.67 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

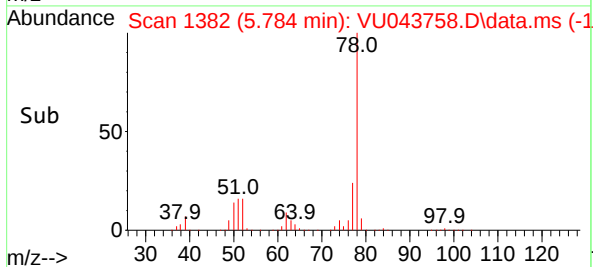
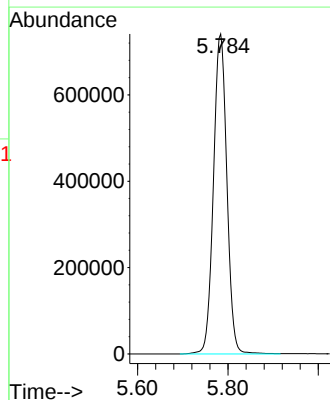
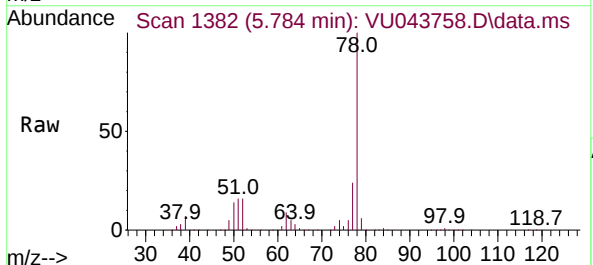
Instrument :
MSVOA_U
ClientSampled :

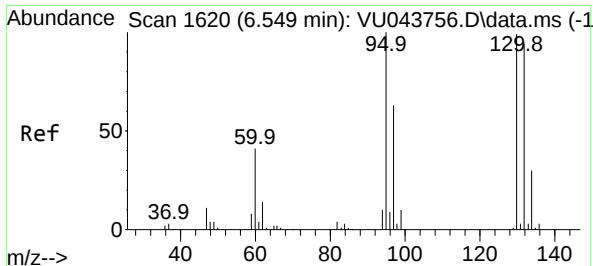
Tgt Ion:117 Resp: 461002
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0



#33
Benzene
Concen: 22.85 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 78 Resp: 1524875

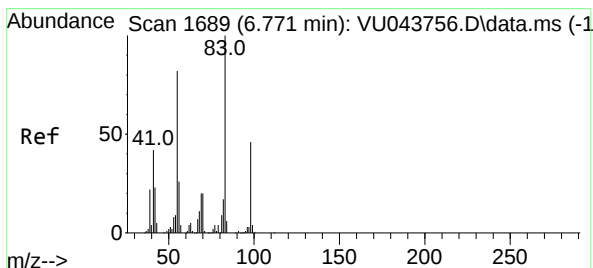
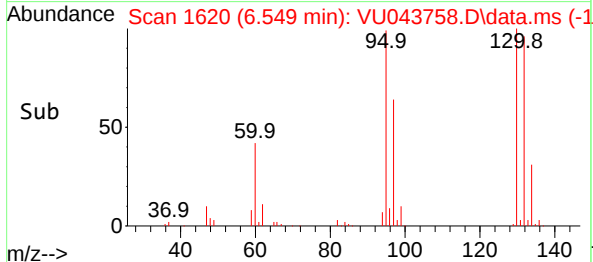
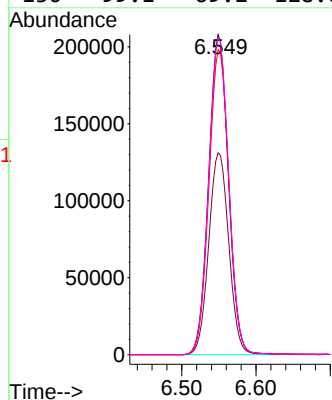
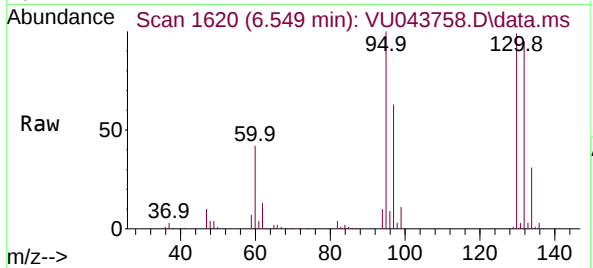




#34
Trichloroethene
Concen: 22.67 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

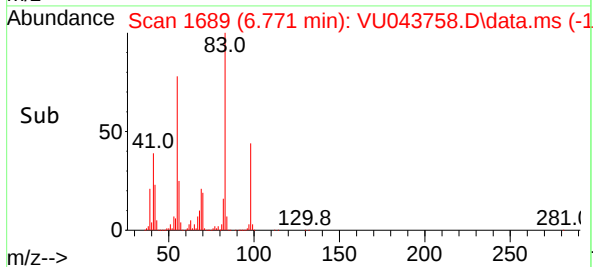
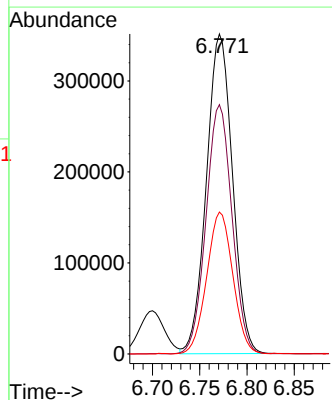
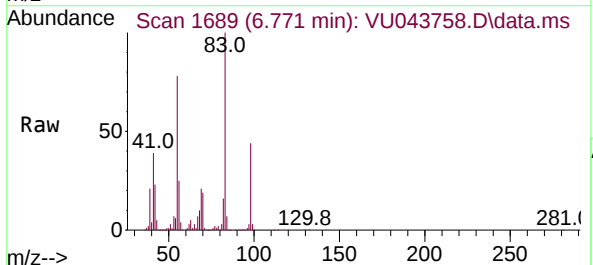
Instrument :
MSVOA_U
ClientSampleId :

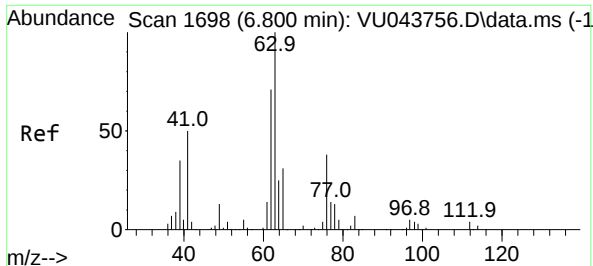
Tgt Ion:	95	Resp:	385356
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.3	82.3
132	95.3	66.0	122.6
130	99.1	69.2	128.6



#35
Methylcyclohexane
Concen: 29.13 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:	83	Resp:	673526
Ion	Ratio	Lower	Upper
83	100		
55	77.6	64.8	97.2
98	44.6	35.9	53.9





#37

1,2-Dichloropropane

Concen: 20.64 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU043758.D

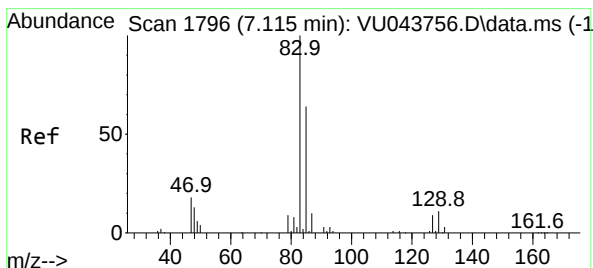
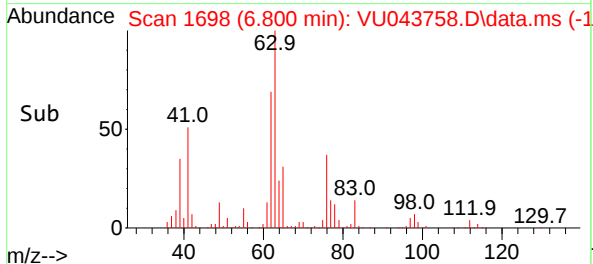
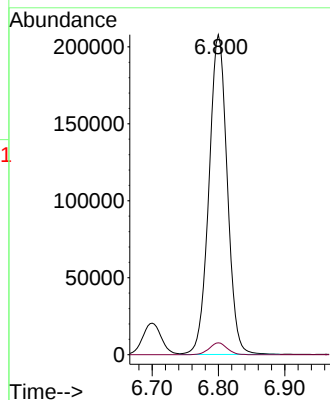
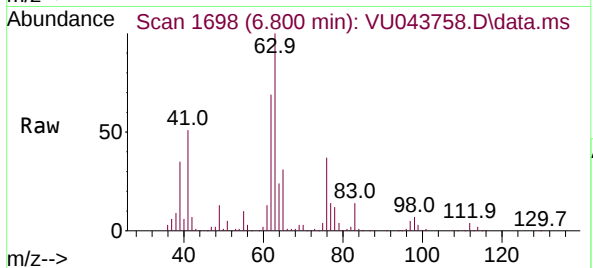
Acq: 14 May 2021 16:10

Tgt Ion: 63 Resp: 397840

Ion Ratio Lower Upper

63 100

112 3.6 3.3 4.9



#38

Bromodichloromethane

Concen: 19.00 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. -0.003 min

Lab File: VU043758.D

Acq: 14 May 2021 16:10

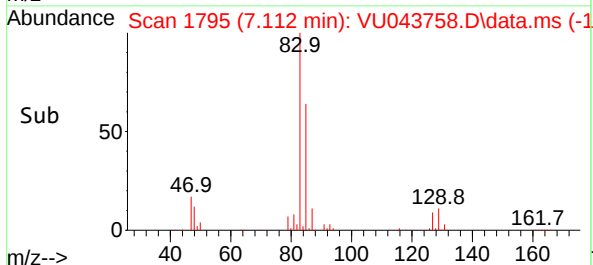
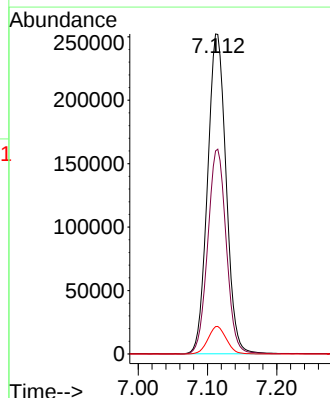
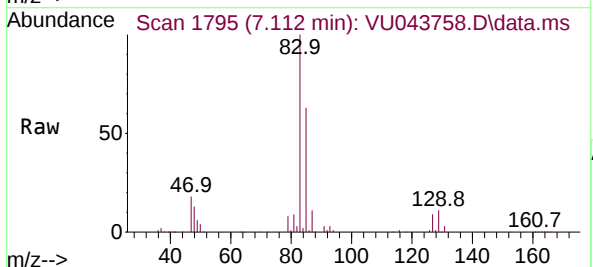
Tgt Ion: 83 Resp: 467409

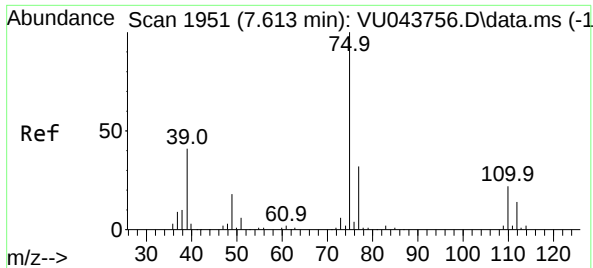
Ion Ratio Lower Upper

83 100

85 63.4 44.6 82.8

127 8.5 7.0 10.4

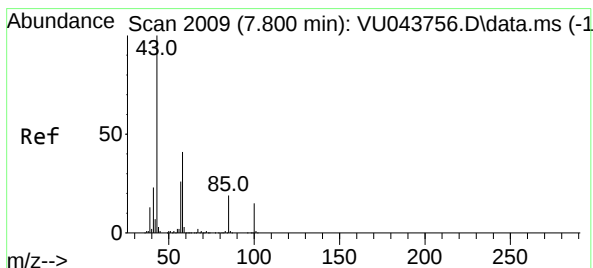
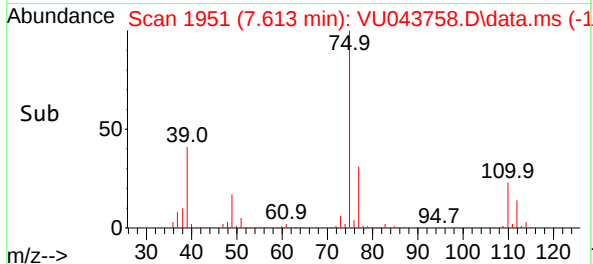
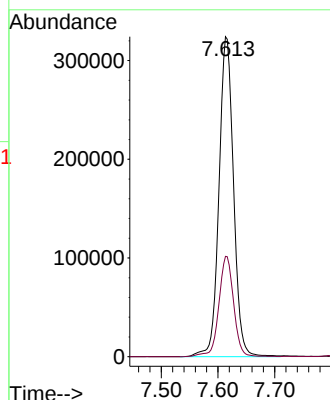
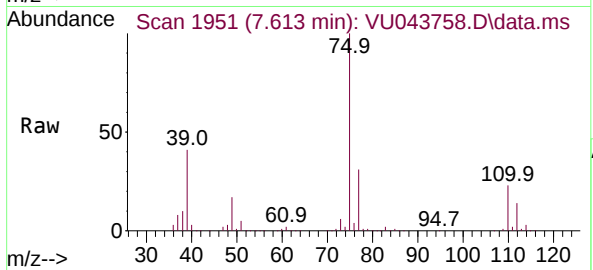




#39
 cis-1,3-Dichloropropene
 Concen: 22.57 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU043758.D
 Acq: 14 May 2021 16:10

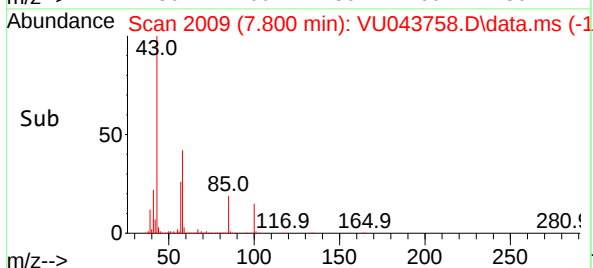
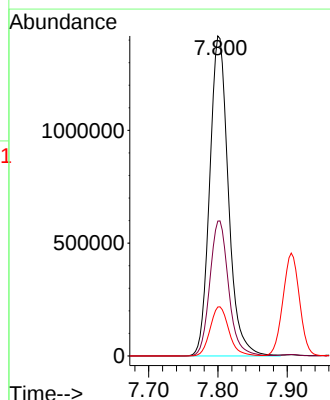
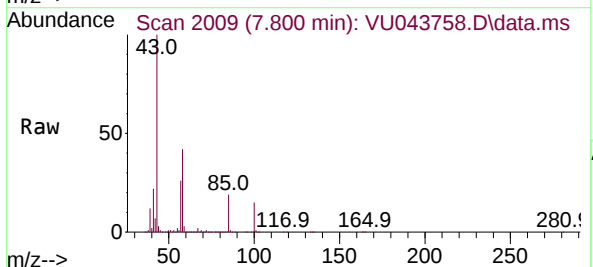
Instrument :
 MSVOA_U
 ClientSampled :

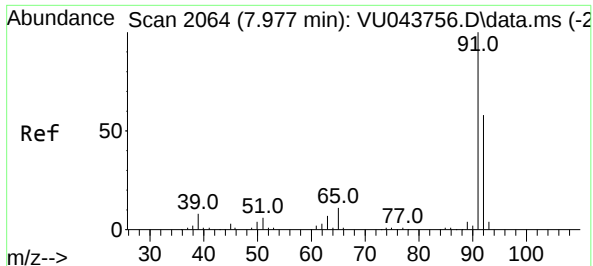
Tgt Ion: 75 Resp: 578314
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 180.27 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VU043758.D
 Acq: 14 May 2021 16:10

Tgt Ion: 43 Resp: 2650454
 Ion Ratio Lower Upper
 43 100
 58 42.4 32.8 49.2
 100 15.5 11.9 17.9





#42

Toluene

Concen: 23.44 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043758.D

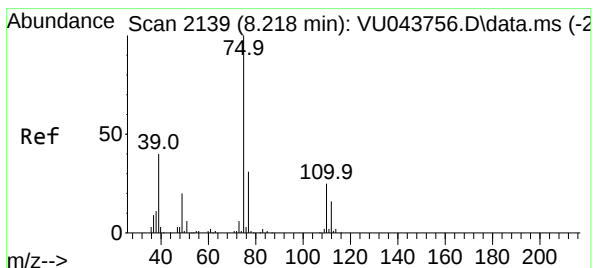
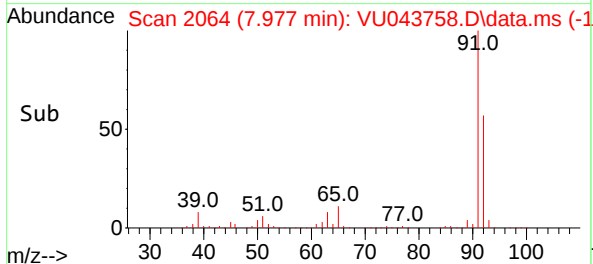
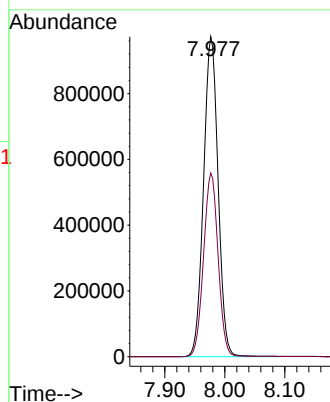
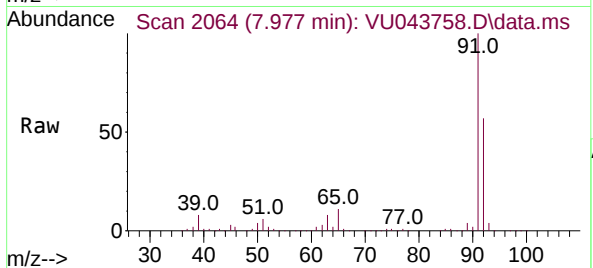
Acq: 14 May 2021 16:10

Tgt Ion: 91 Resp: 1644238

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 21.05 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043758.D

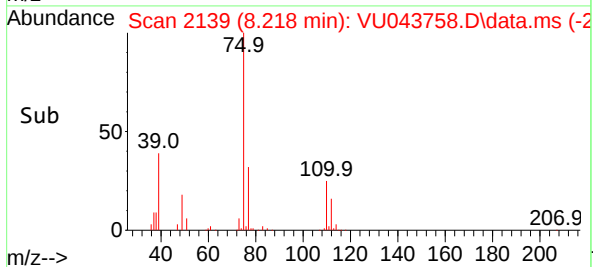
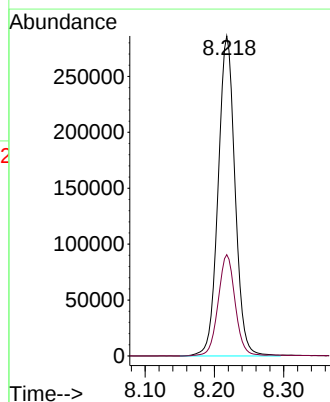
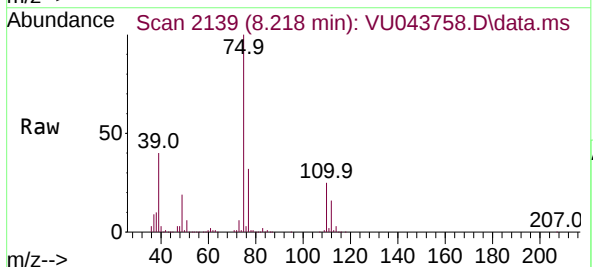
Acq: 14 May 2021 16:10

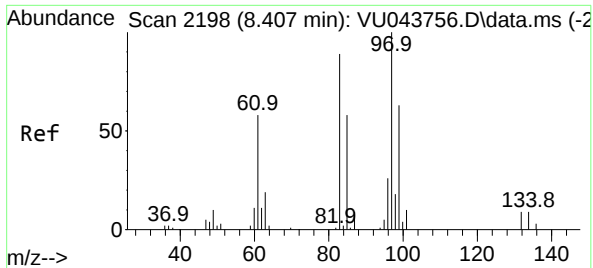
Tgt Ion: 75 Resp: 484683

Ion Ratio Lower Upper

75 100

77 31.7 21.5 39.9

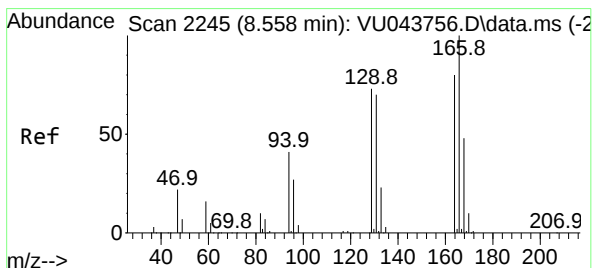
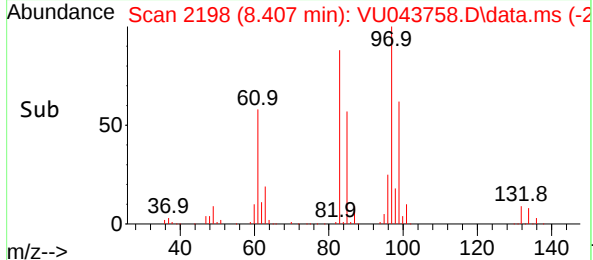
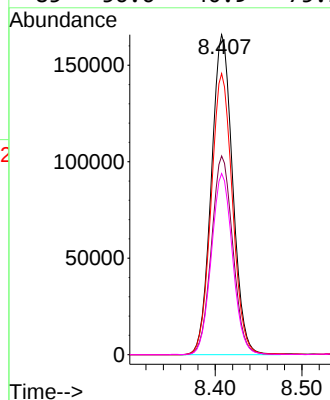
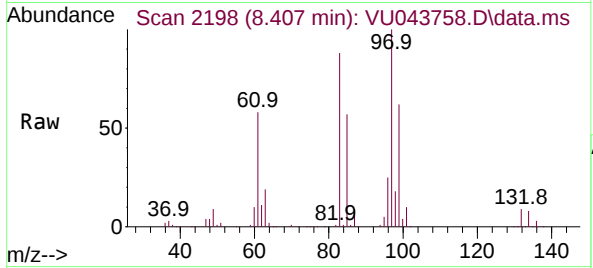




#45
1,1,2-Trichloroethane
Concen: 21.09 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

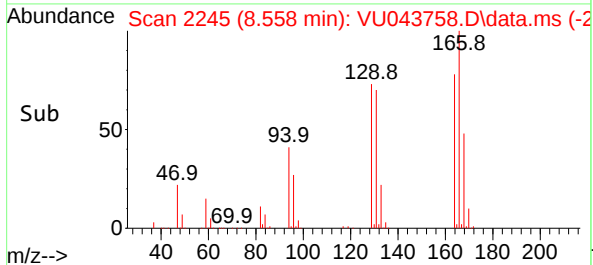
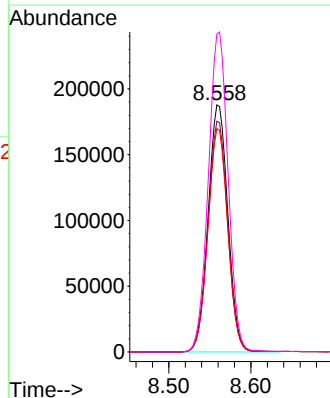
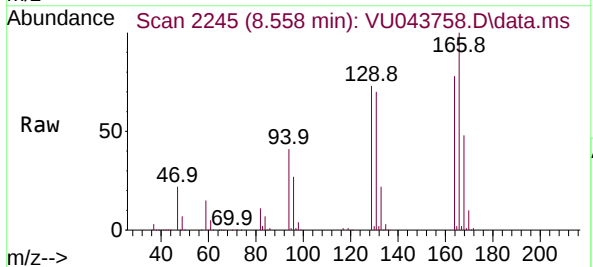
Instrument :
MSVOA_U
ClientSampleId :

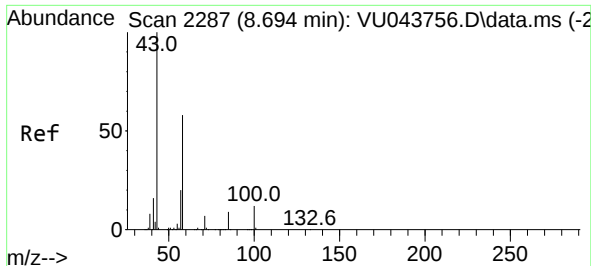
Tgt Ion:	97	Resp:	284137
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.4
83	87.8	62.5	116.1
85	56.6	40.9	75.9



#47
Tetrachloroethene
Concen: 24.50 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:	164	Resp:	315589
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.1	119.1
131	90.4	61.2	113.8
166	128.7	87.8	163.2

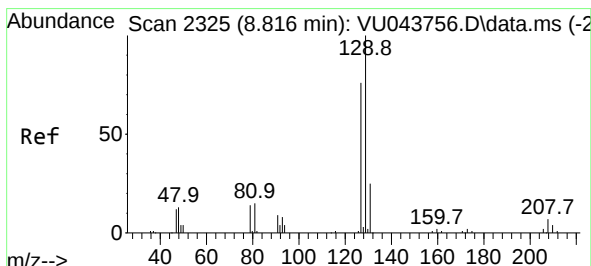
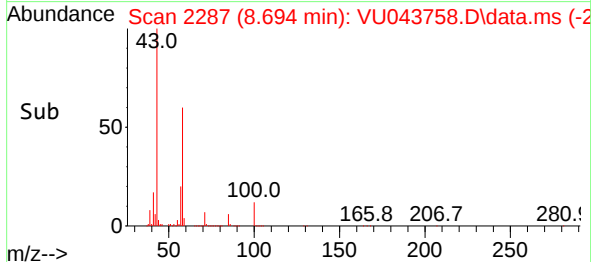
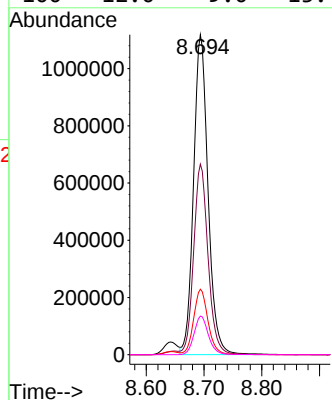
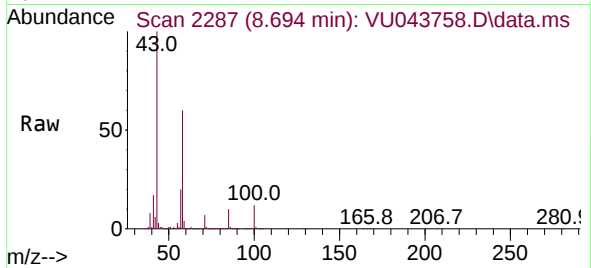




#48
2-Hexanone
Concen: 179.97 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

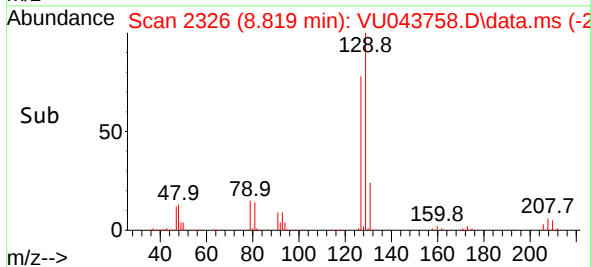
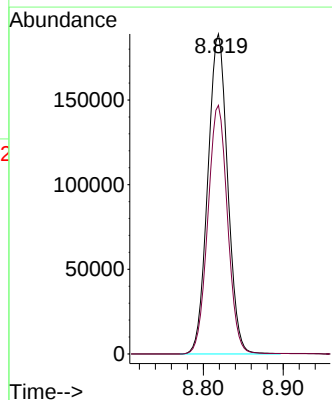
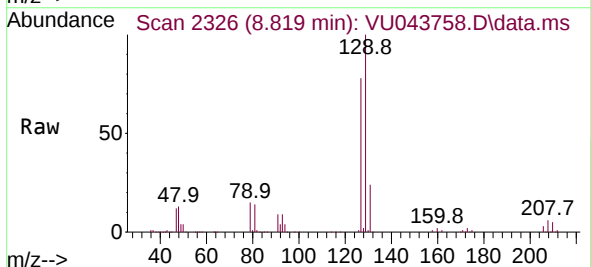
Instrument :
MSVOA_U
ClientSampleId :

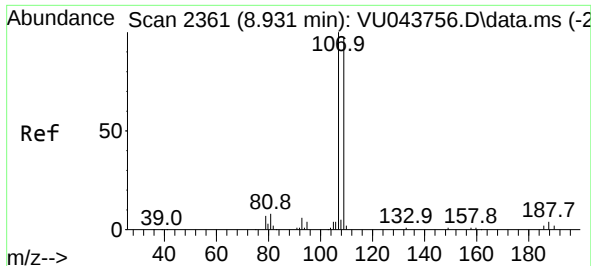
Tgt Ion: 43 Resp: 1944326
Ion Ratio Lower Upper
43 100
58 59.4 47.0 70.4
57 20.3 15.8 23.8
100 12.0 9.0 13.4



#49
Dibromochloromethane
Concen: 20.43 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 129 Resp: 326292
Ion Ratio Lower Upper
129 100
127 77.7 53.4 99.2





#50

1,2-Dibromoethane

Concen: 21.58 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

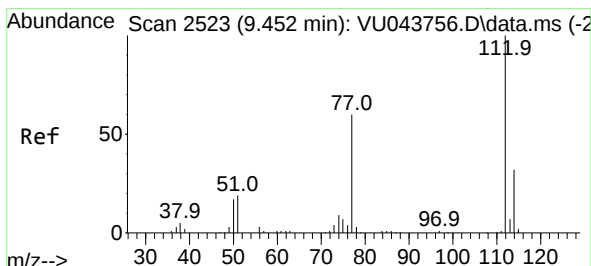
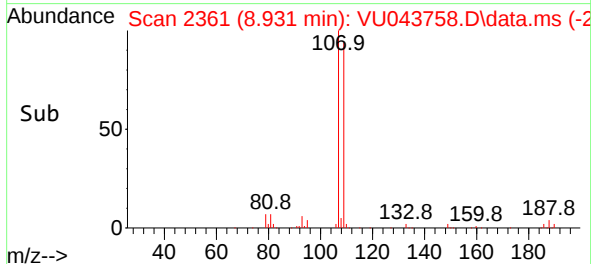
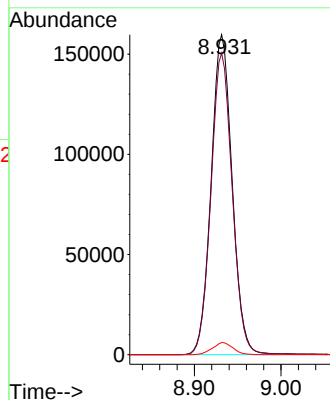
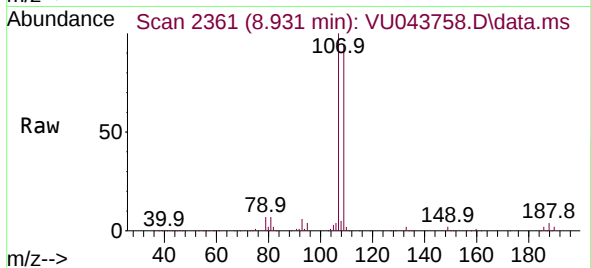
Lab File: VU043758.D

Acq: 14 May 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 269708

Ion	Ratio	Lower	Upper
107	100		
109	94.3	67.7	125.7
188	3.8	3.3	4.9



#51

Chlorobenzene

Concen: 22.53 ug/L

RT: 9.452 min Scan# 2523

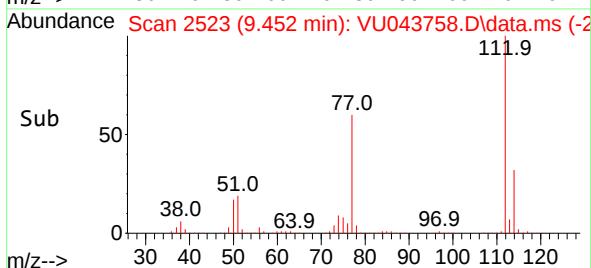
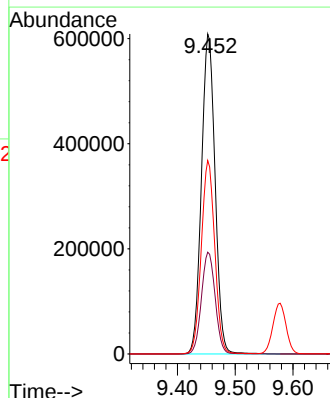
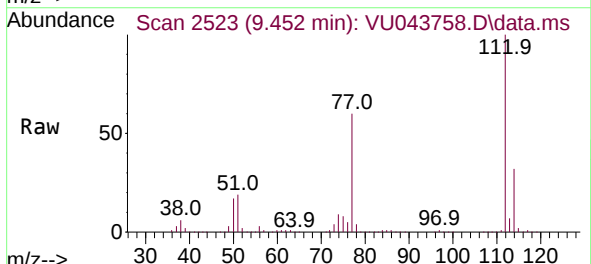
Delta R.T. -0.000 min

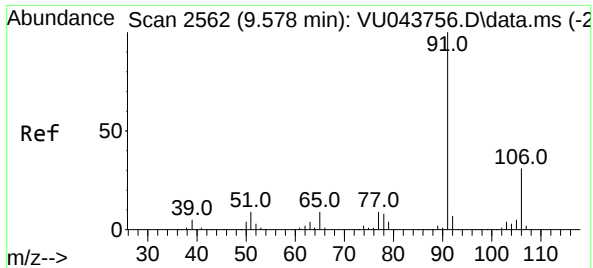
Lab File: VU043758.D

Acq: 14 May 2021 16:10

Tgt Ion:112 Resp: 997118

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	60.4	47.8	71.8

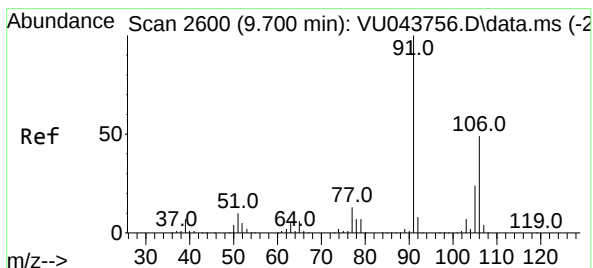
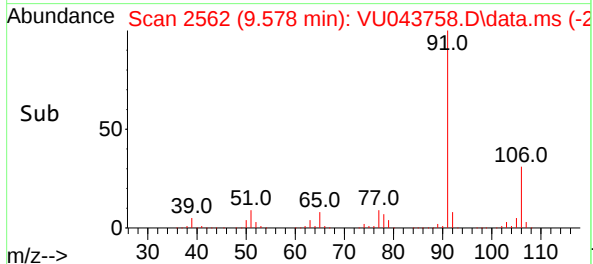
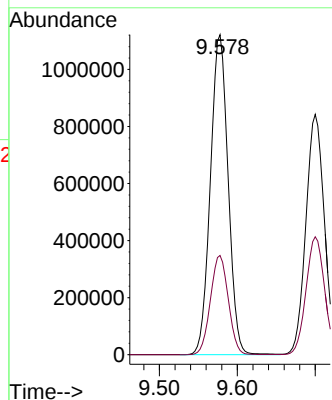
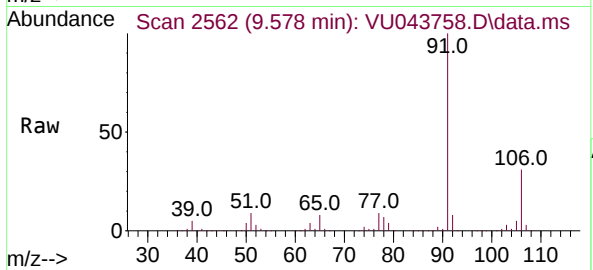




#52
Ethylbenzene
Concen: 24.09 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

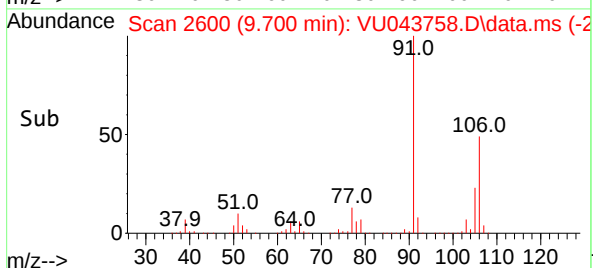
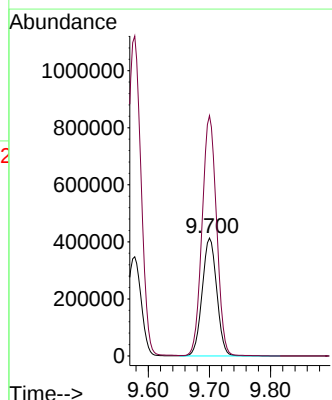
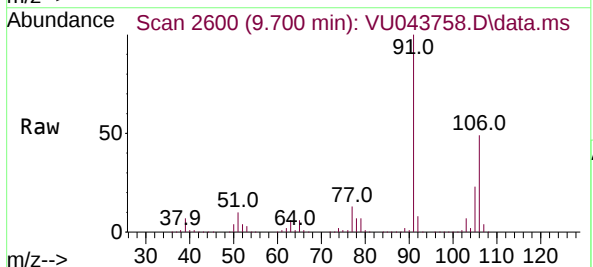
Instrument :
MSVOA_U
ClientSampled :

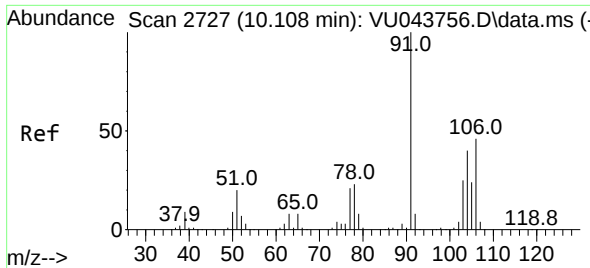
Tgt Ion: 91 Resp: 1769985
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 25.36 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 106 Resp: 684619
Ion Ratio Lower Upper
106 100
91 203.6 144.4 268.2

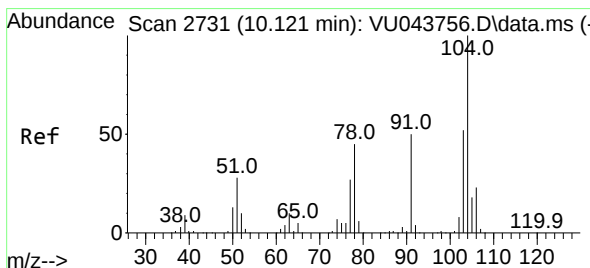
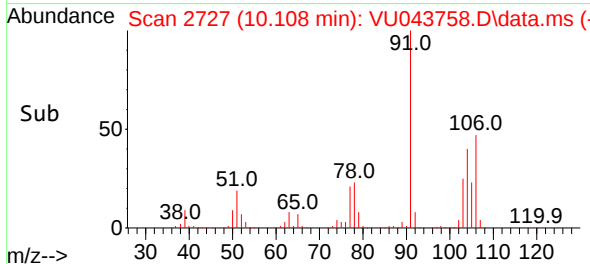
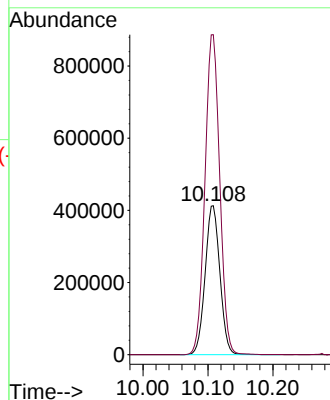
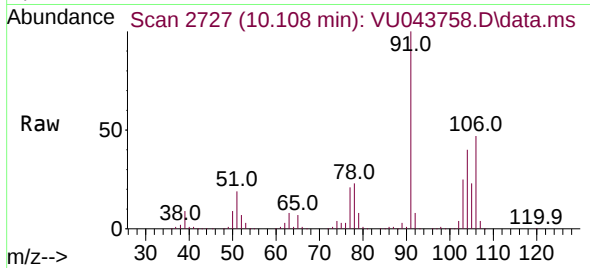




#54
o-Xylene
Concen: 24.94 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

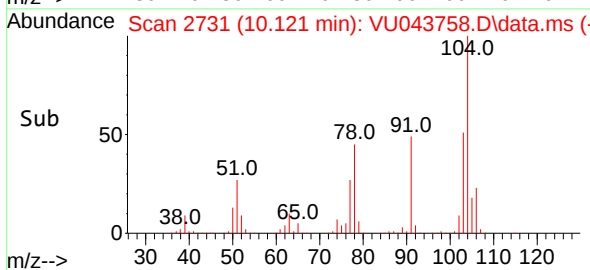
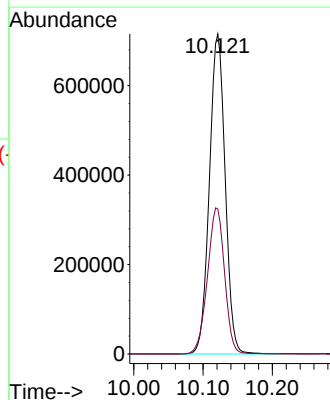
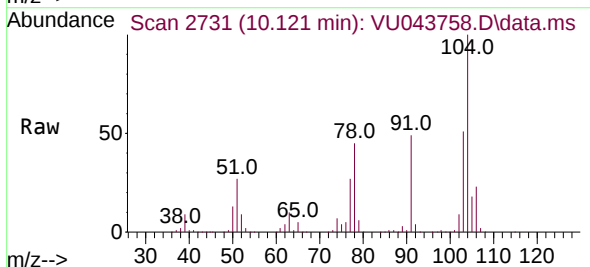
Instrument :
MSVOA_U
ClientSampleId :

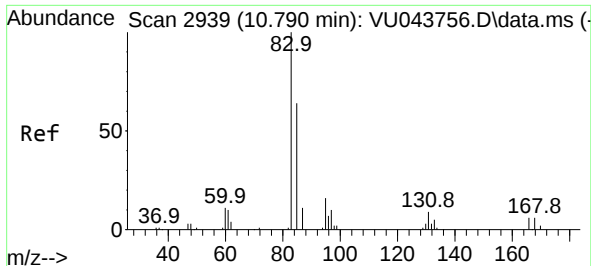
Tgt Ion:106 Resp: 652610
Ion Ratio Lower Upper
106 100
91 214.8 150.8 280.0



#55
Styrene
Concen: 24.88 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:104 Resp: 1128861
Ion Ratio Lower Upper
104 100
78 45.3 31.8 59.0

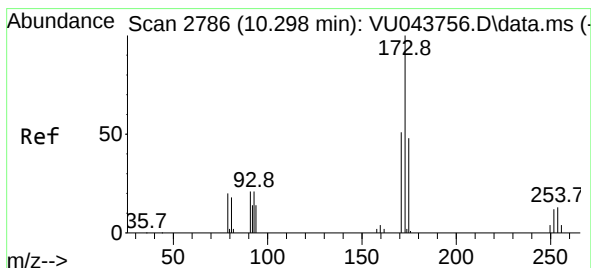
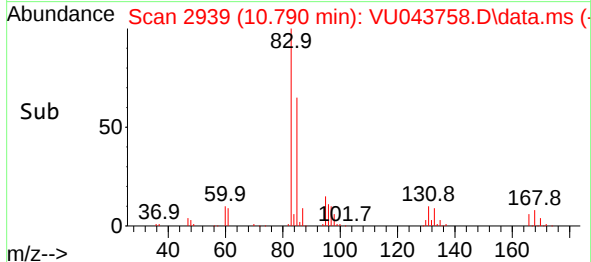
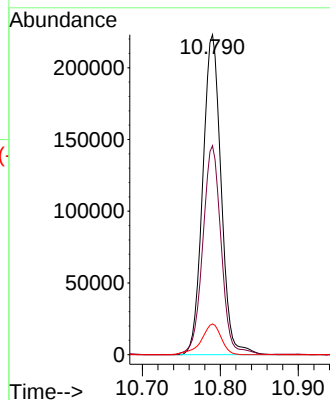
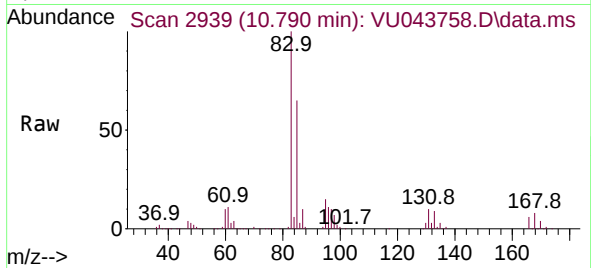




#57
1,1,2,2-Tetrachloroethane
Concen: 20.51 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

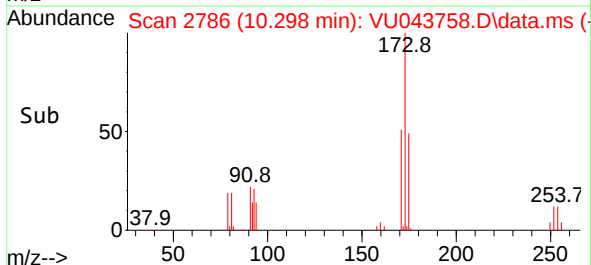
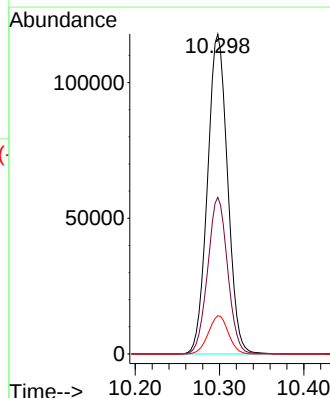
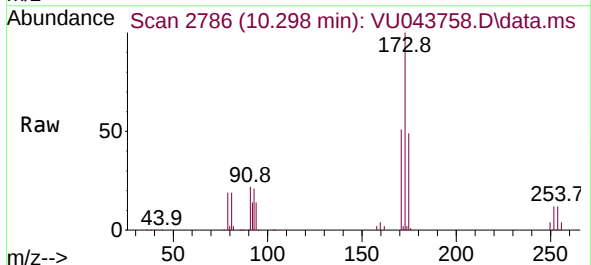
Instrument :
MSVOA_U
ClientSampleId :

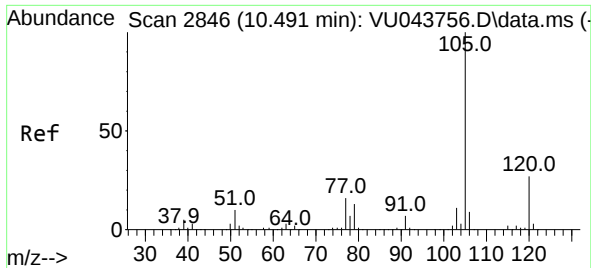
Tgt Ion: 83 Resp: 363754
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 9.6 7.6 11.4



#59
Bromoform
Concen: 19.86 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:173 Resp: 195249
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 11.9 9.4 14.2

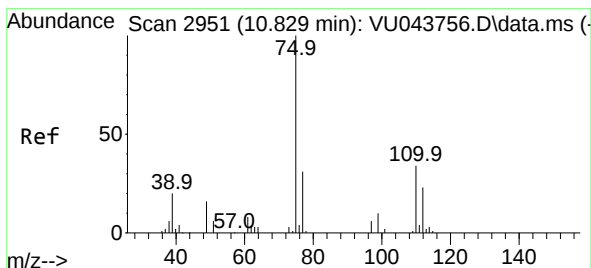
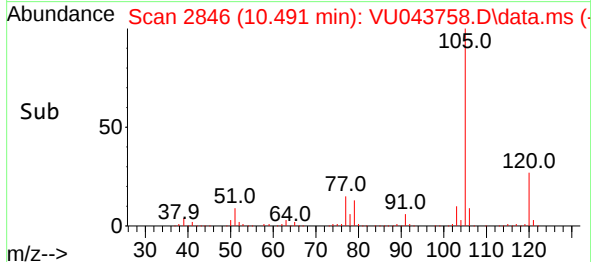
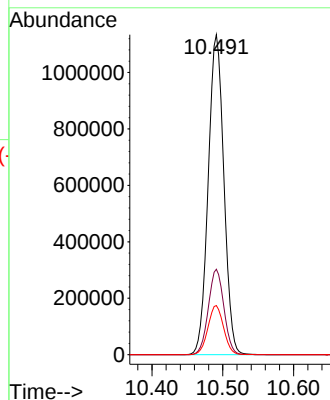
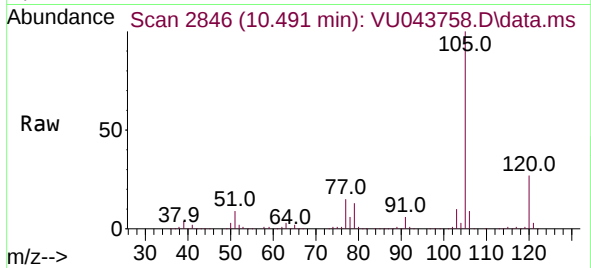




#60
Isopropylbenzene
Concen: 22.83 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

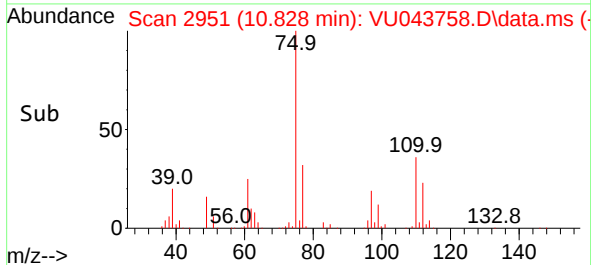
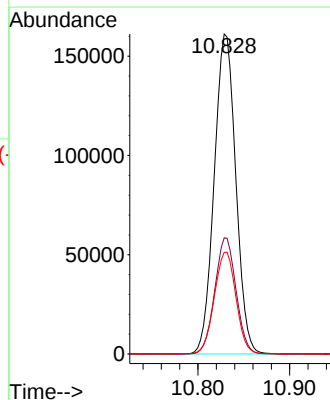
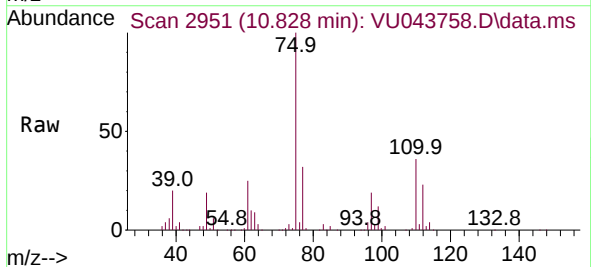
Instrument :
MSVOA_U
ClientSampleId :

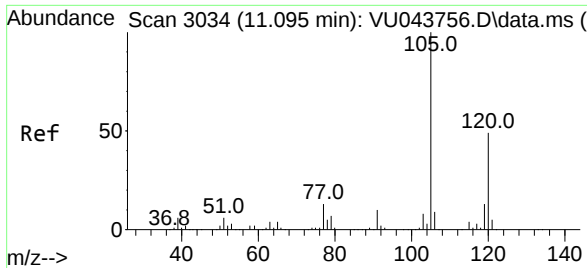
Tgt Ion:105 Resp: 1734812
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 19.39 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 75 Resp: 263562
Ion Ratio Lower Upper
75 100
110 35.7 27.9 41.9
77 32.0 25.9 38.9

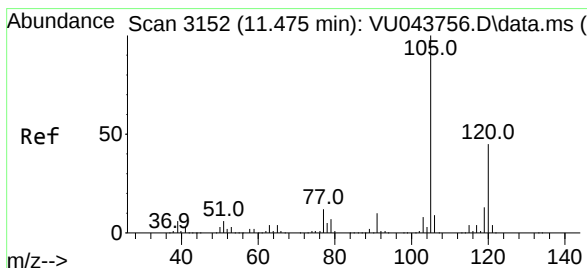
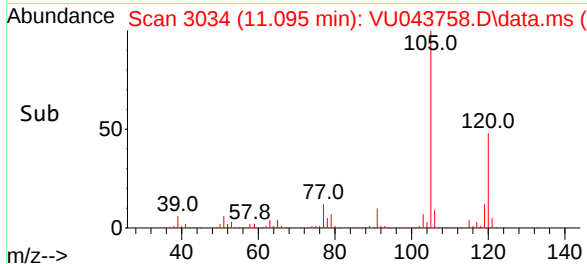
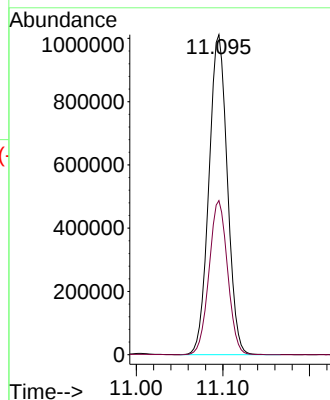
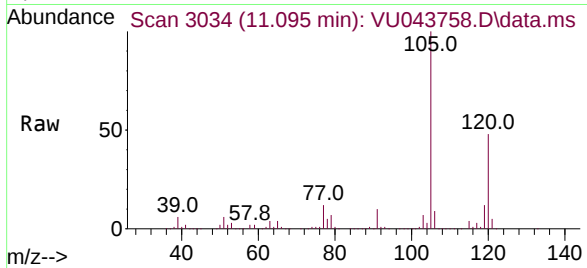




#62
1,3,5-Trimethylbenzene
Concen: 24.90 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

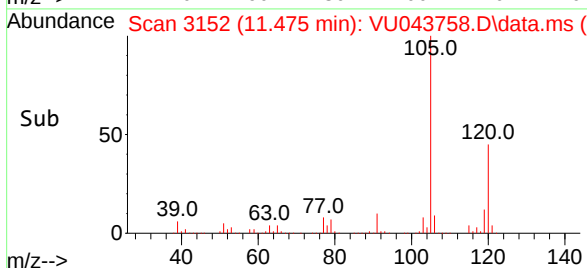
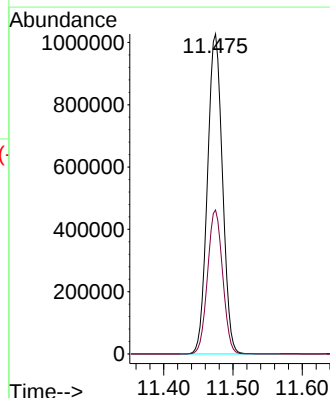
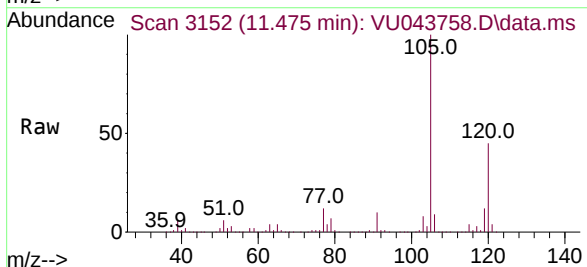
Instrument :
MSVOA_U
ClientSampleId :

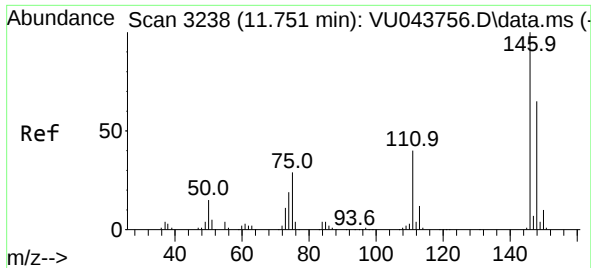
Tgt Ion:105 Resp: 1495473
Ion Ratio Lower Upper
105 100
120 48.4 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.48 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:105 Resp: 1538866
Ion Ratio Lower Upper
105 100
120 45.3 36.0 54.0

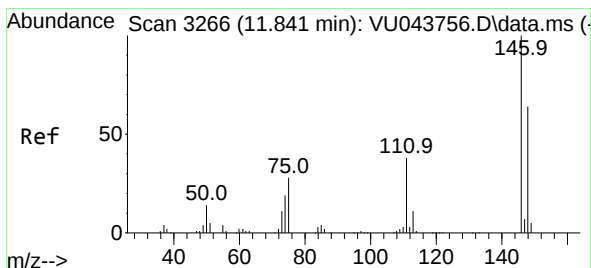
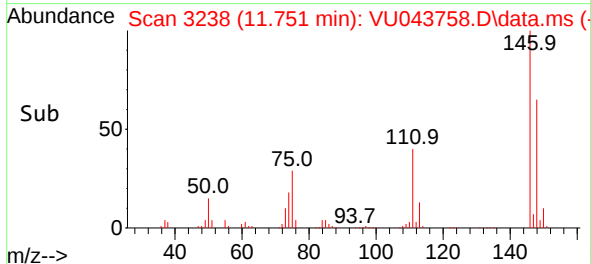
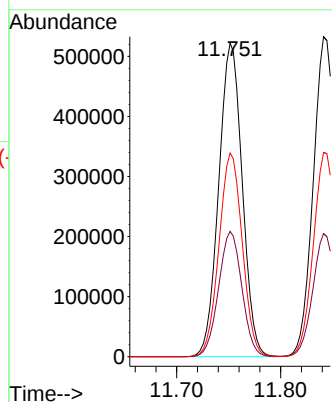
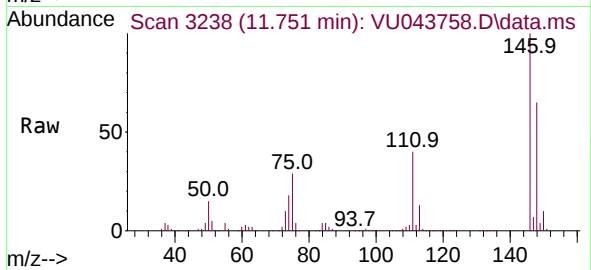




#64
1,3-Dichlorobenzene
Concen: 21.79 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

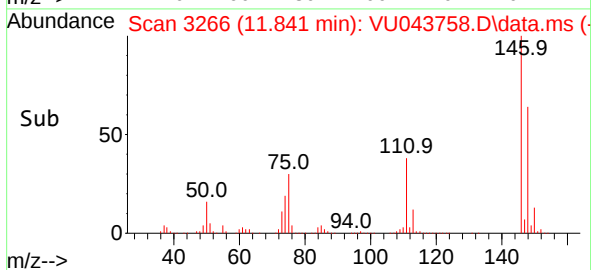
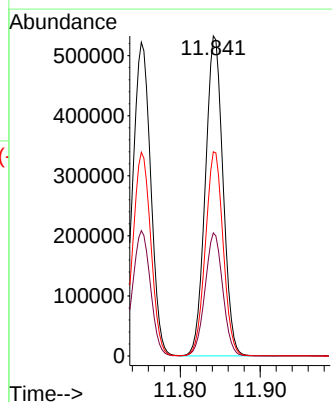
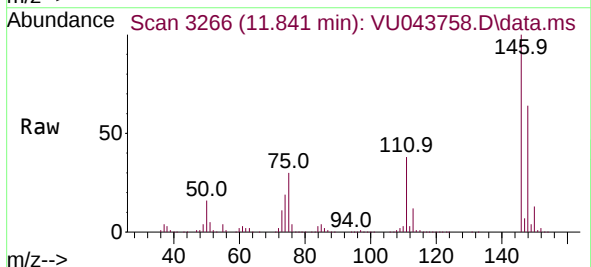
Instrument :
MSVOA_U
ClientSampled :

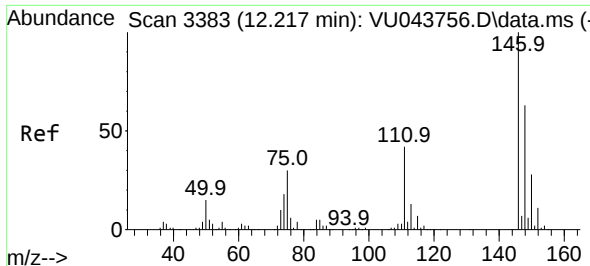
Tgt Ion:146 Resp: 820303
Ion Ratio Lower Upper
146 100
111 39.9 28.1 52.1
148 64.9 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 21.29 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:146 Resp: 819548
Ion Ratio Lower Upper
146 100
111 38.4 27.0 50.2
148 63.8 45.0 83.6

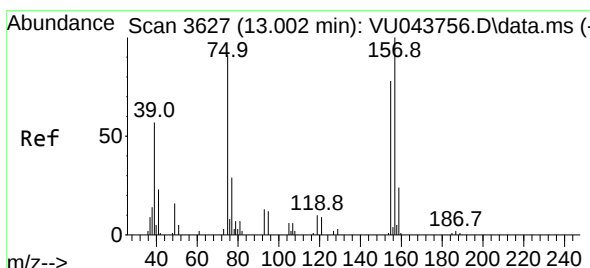
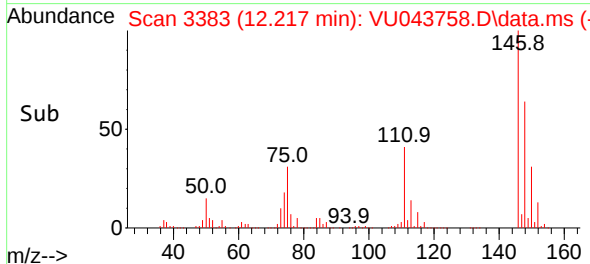
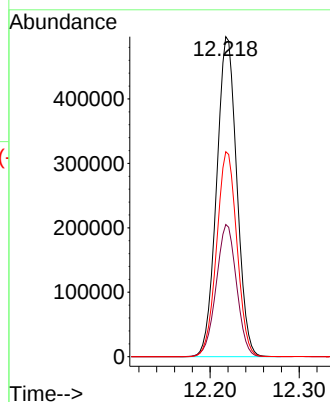
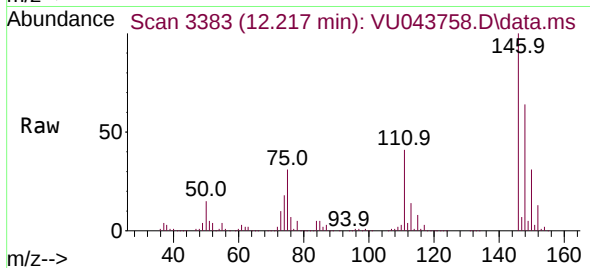




#67
1,2-Dichlorobenzene
Concen: 20.77 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

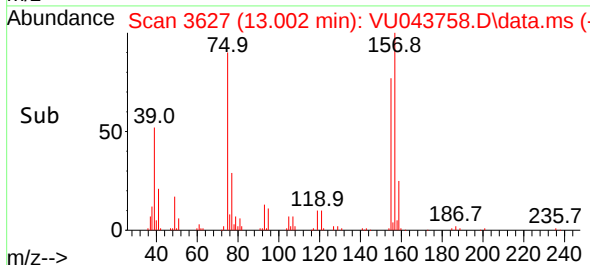
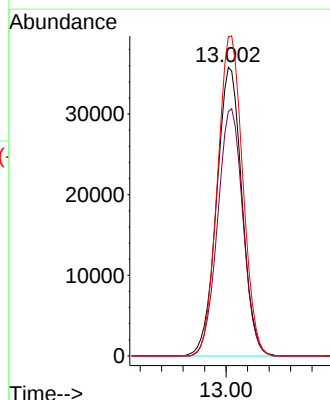
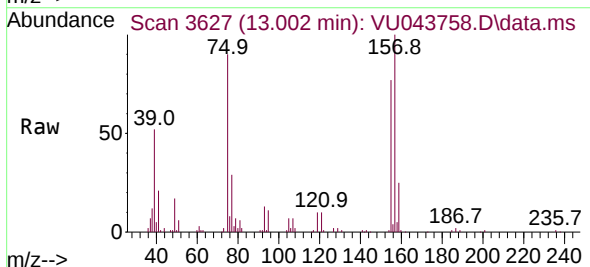
Instrument :
MSVOA_U
ClientSampled :

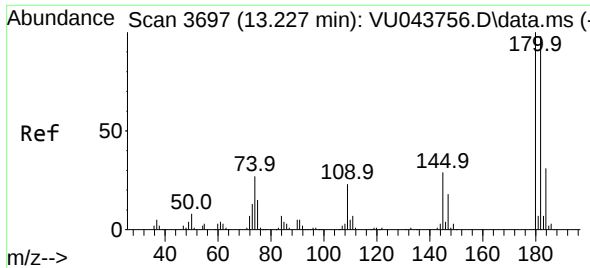
Tgt Ion:146 Resp: 783096
Ion Ratio Lower Upper
146 100
111 41.3 33.6 50.4
148 64.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 18.61 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion: 75 Resp: 58668
Ion Ratio Lower Upper
75 100
155 84.7 68.7 103.1
157 110.6 87.7 131.5

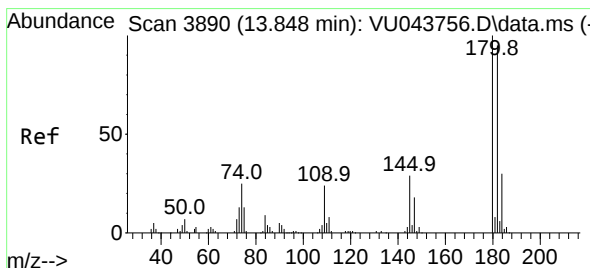
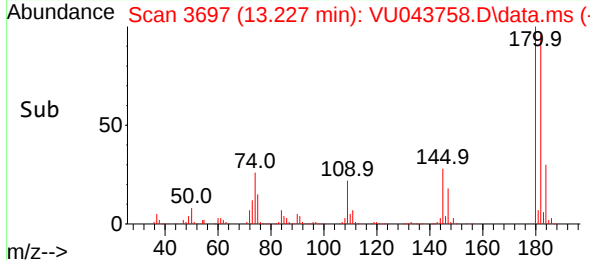
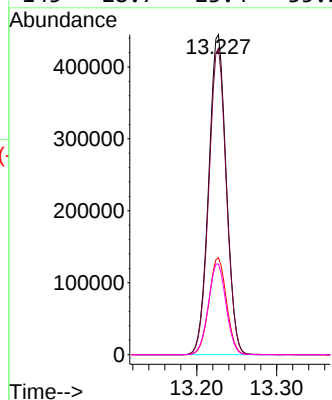
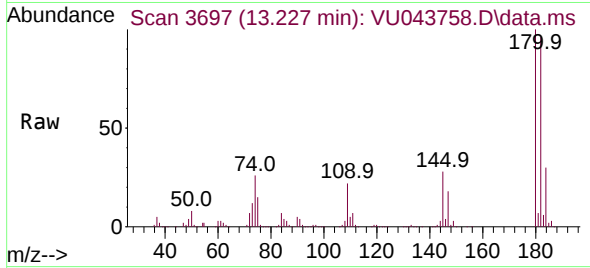




#69
1,3,5-Trichlorobenzene
Concen: 22.93 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

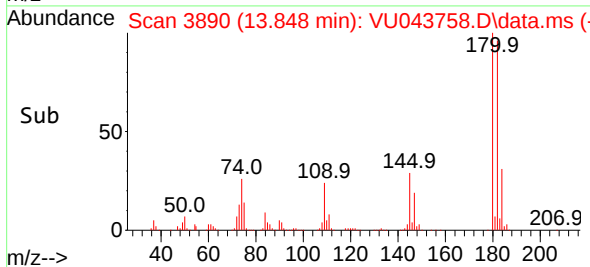
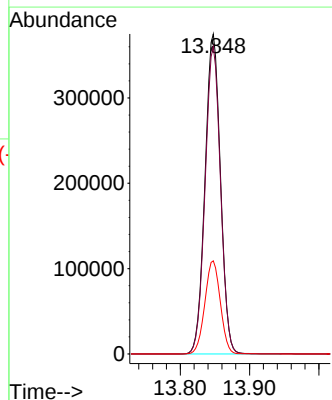
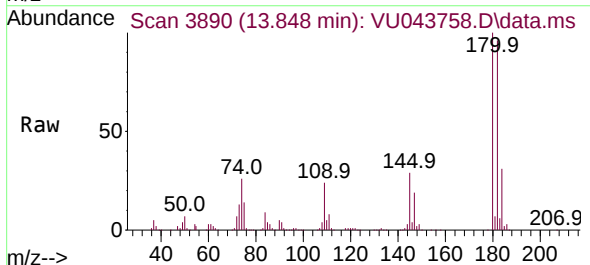
Instrument :
MSVOA_U
ClientSampleId :

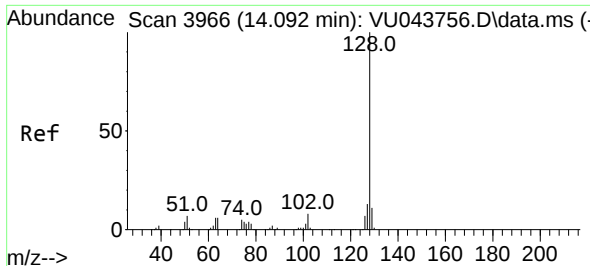
Tgt Ion:	180	Resp:	680038
Ion Ratio	Lower	Upper	
180	100		
182	95.7	78.2	117.2
184	30.3	24.8	37.2
145	28.7	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 23.71 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:	180	Resp:	579425
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.9	115.3
145	29.2	23.0	34.4

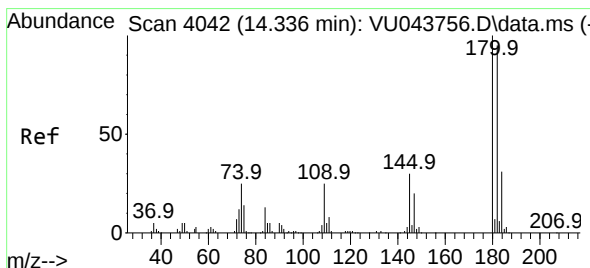
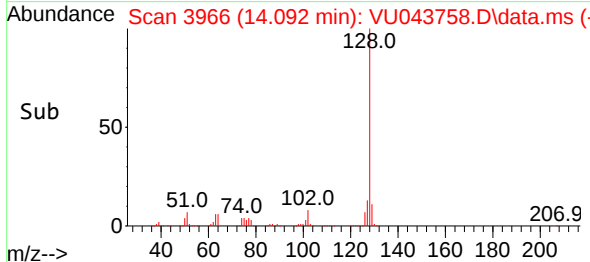
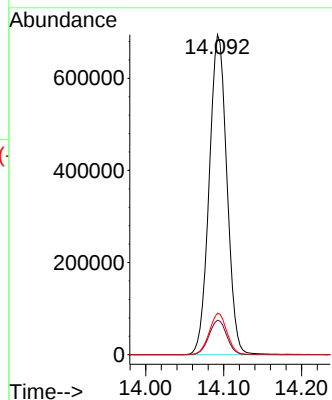
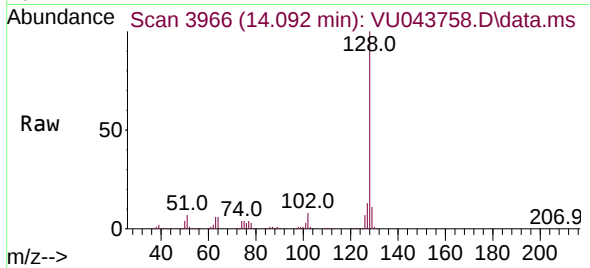




#71
Naphthalene
Concen: 26.44 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1095700
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 23.76 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043758.D
Acq: 14 May 2021 16:10

Tgt Ion:180 Resp: 542848
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.4
145 31.2 24.6 36.8

