

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044260.D
 Acq On : 30 Jun 2021 14:22
 Operator : SY/MD
 Sample : M2905-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK22MSD

Quant Time: Jul 01 02:37:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	152848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	145197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82790	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36162	4.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.916	69	36418	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.572	65	18497	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.629	46	125520	41.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	5.073	84	88842	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.710	65	49798	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.735	84	177058	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.697	67	56780	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.903	98	167857	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.186	79	23680	4.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.639	63	112307	43.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46970	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	70227	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41485	4.609	ug/L	99
3) Chloromethane	1.527	50	45515	4.372	ug/L	100
5) Vinyl chloride	1.607	62	50258	4.653	ug/L	99
6) Bromomethane	1.861	94	31417	4.535	ug/L	97
8) Chloroethane	1.938	64	34031	4.630	ug/L	97
9) Trichlorofluoromethane	2.141	101	79423	5.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	45940	5.074	ug/L	96
12) 1,1-Dichloroethene	2.584	96	41322	4.682	ug/L	95
13) Acetone	2.633	43	74386	54.592	ug/L	92
14) Carbon disulfide	2.800	76	108060	3.976	ug/L	100
15) Methyl Acetate	2.957	43	19338	5.052	ug/L	98
16) Methylene chloride	3.054	84	46779	3.933	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	124117	4.742	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	45166	4.808	ug/L	99
19) 1,1-Dichloroethane	3.877	63	88681	4.949	ug/L	99
21) 2-Butanone	4.710	43	132736	42.880	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	52360	5.094	ug/L	92
23) Bromochloromethane	4.983	128	23396	4.997	ug/L	90
25) Chloroform	5.096	83	93631	4.894	ug/L	100

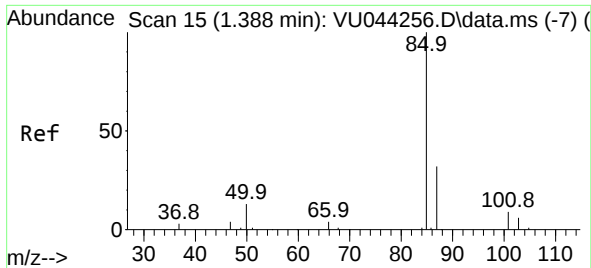
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61095	4.791	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	83498	5.105	ug/L	99
30) Cyclohexane	5.395	56	75644	4.483	ug/L	99
31) Carbon tetrachloride	5.533	117	75227	5.397	ug/L	99
33) Benzene	5.780	78	188873	4.959	ug/L	100
34) Trichloroethene	6.549	95	51616	5.004	ug/L	94
35) Methylcyclohexane	6.771	83	83251	4.888	ug/L	97
37) 1,2-Dichloropropane	6.800	63	51698	5.139	ug/L	99
38) Bromodichloromethane	7.112	83	71345	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	81481	4.933	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	359890	44.518	ug/L	100
42) Toluene	7.977	91	214461	5.113	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	72423	4.781	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	37161	4.908	ug/L	100
47) Tetrachloroethene	8.559	164	41852	5.488	ug/L	93
48) 2-Hexanone	8.690	43	253827	44.556	ug/L	99
49) Dibromochloromethane	8.816	129	49576	5.159	ug/L	99
50) 1,2-Dibromoethane	8.928	107	36070	4.931	ug/L	98
51) Chlorobenzene	9.452	112	144698	5.386	ug/L	99
52) Ethylbenzene	9.575	91	249535	5.153	ug/L	99
53) m,p-Xylene	9.700	106	96277	5.251	ug/L	98
54) o-Xylene	10.105	106	93772	5.261	ug/L	97
55) Styrene	10.118	104	161632	5.171	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	47575	4.736	ug/L	99
59) Bromoform	10.298	173	29705	5.069	ug/L	98
60) Isopropylbenzene	10.491	105	257095	5.107	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	34334	4.594	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	222042	5.062	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	229259	5.110	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	122917	5.409	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	121782	5.315	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	113100	5.292	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8832	4.524	ug/L	84
69) 1,3,5-Trichlorobenzene	13.224	180	100782	5.820	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	85532	5.832	ug/L	99
71) Naphthalene	14.092	128	141034	5.312	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	73558	5.807	ug/L	99

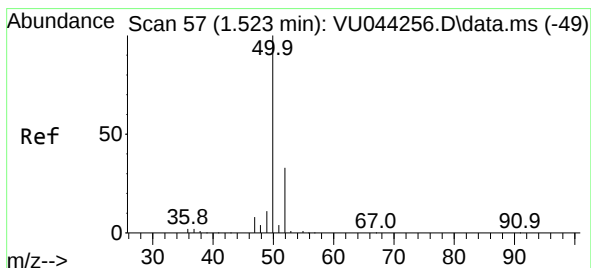
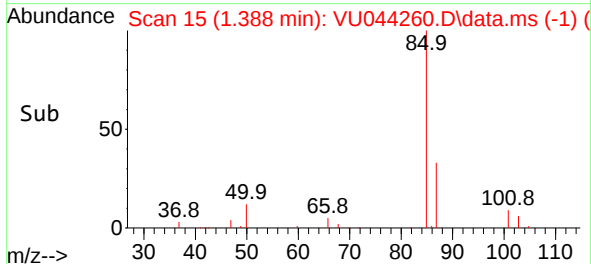
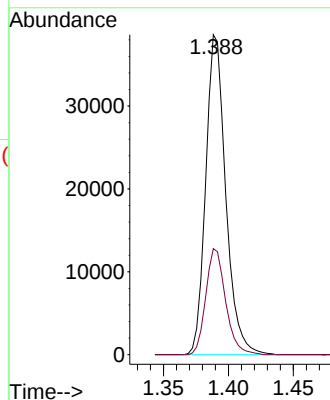
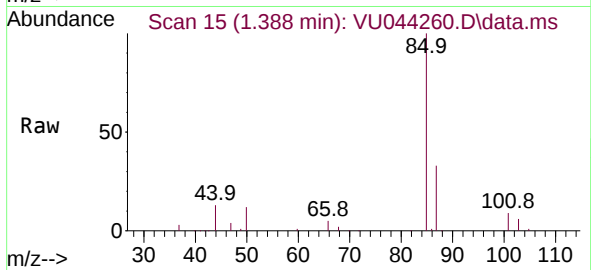
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.609 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

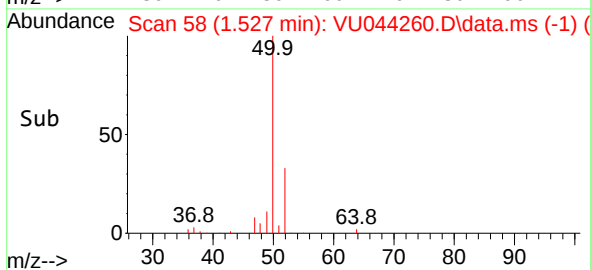
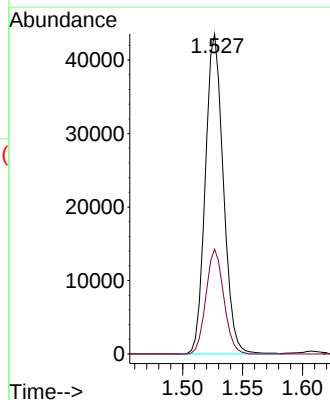
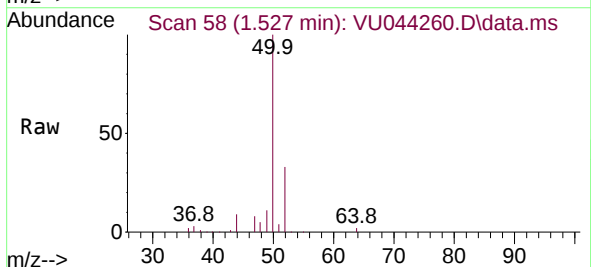
Instrument :
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ClientSampleId :
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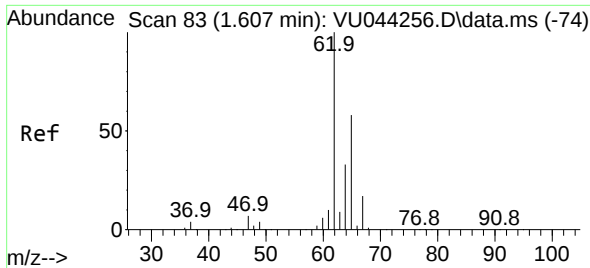
Tgt Ion: 85 Resp: 41485
Ion Ratio Lower Upper
85 100
87 32.7 25.6 38.4



#3
Chloromethane
Concen: 4.372 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 50 Resp: 45515
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9

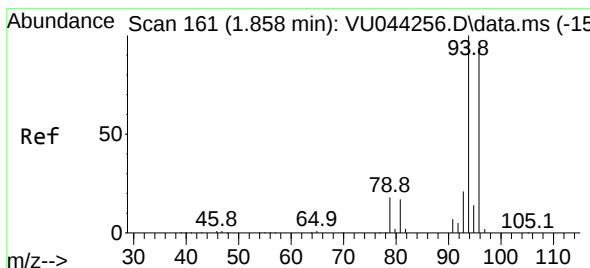
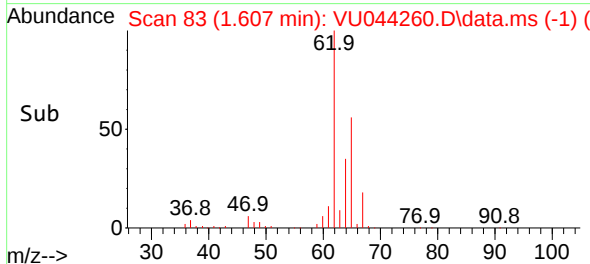
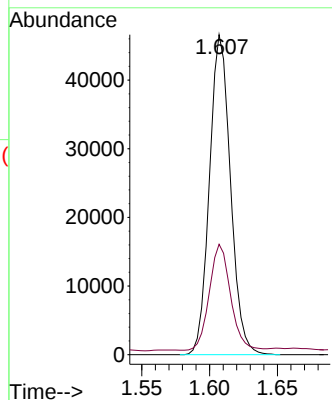
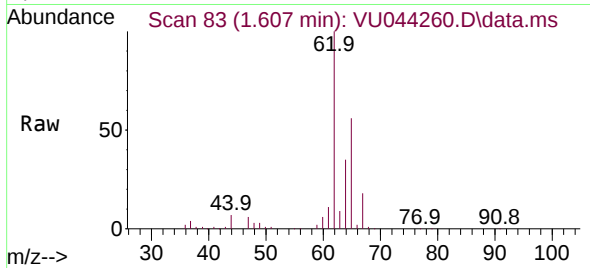




#5
 Vinyl chloride
 Concen: 4.653 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044260.D
 Acq: 30 Jun 2021 14:22

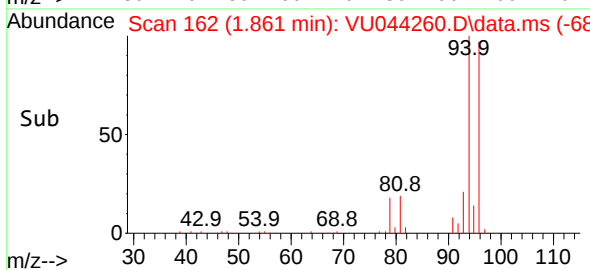
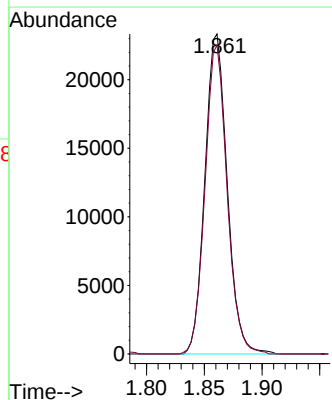
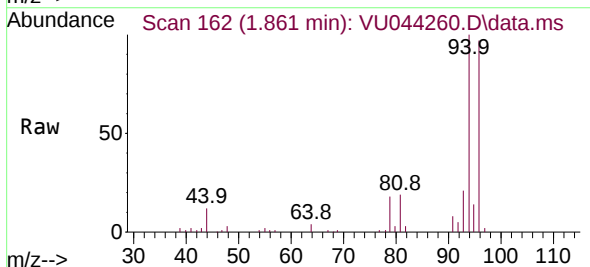
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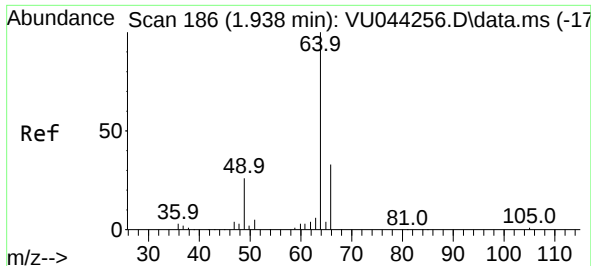
Tgt Ion: 62 Resp: 50258
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.7 44.1



#6
 Bromomethane
 Concen: 4.535 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU044260.D
 Acq: 30 Jun 2021 14:22

Tgt Ion: 94 Resp: 31417
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.8 122.2

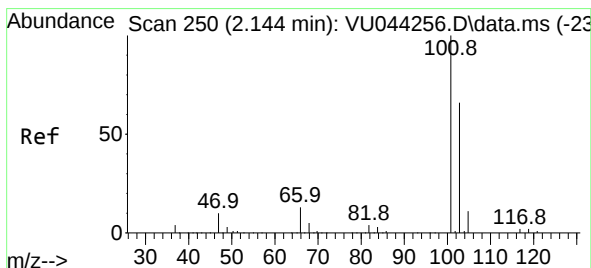
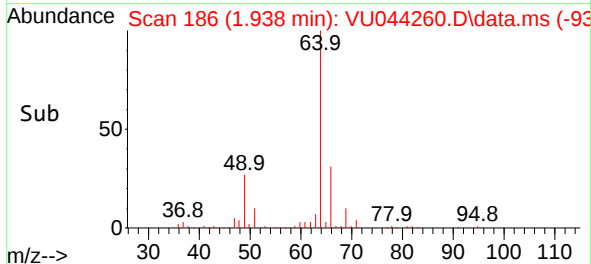
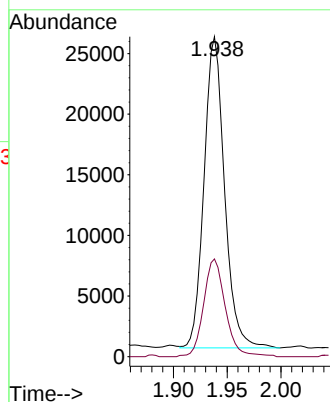
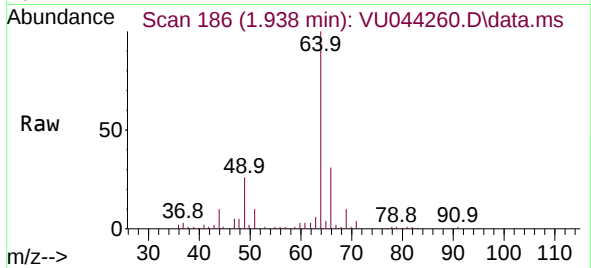




#8
Chloroethane
Concen: 4.630 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

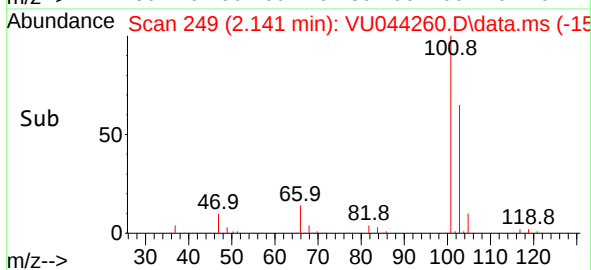
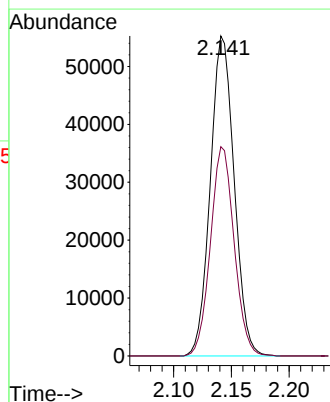
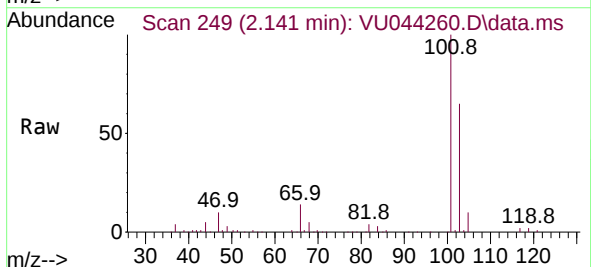
Instrument :
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ClientSampleId :
DBK22MSD

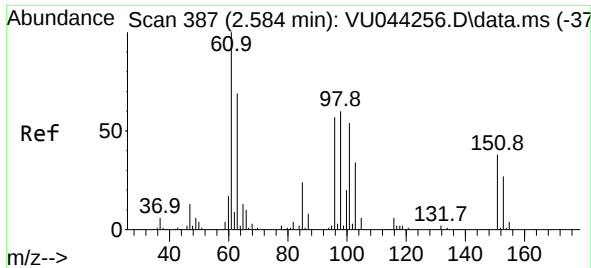
Tgt Ion: 64 Resp: 34031
Ion Ratio Lower Upper
64 100
66 30.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.265 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:101 Resp: 79423
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

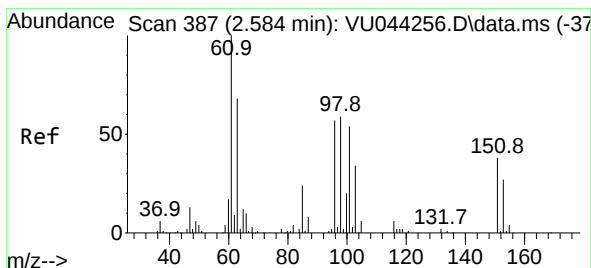
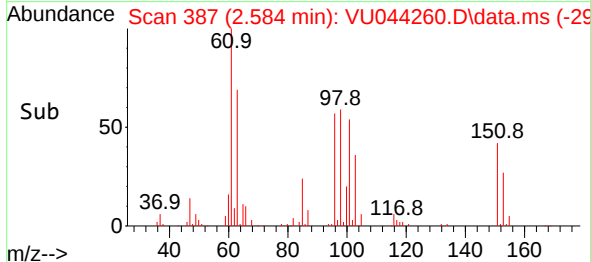
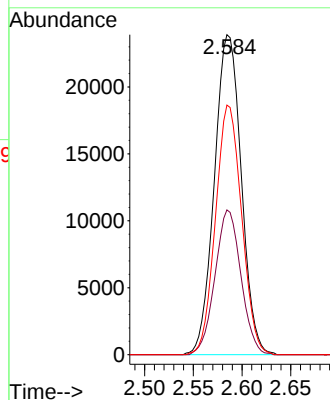
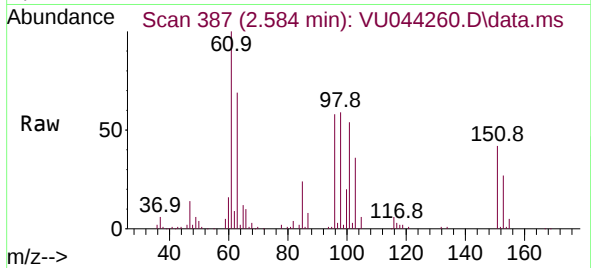




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.074 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044260.D
 Acq: 30 Jun 2021 14:22

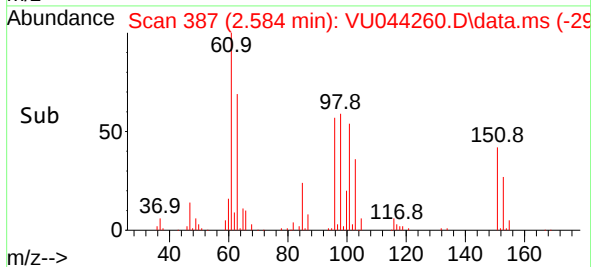
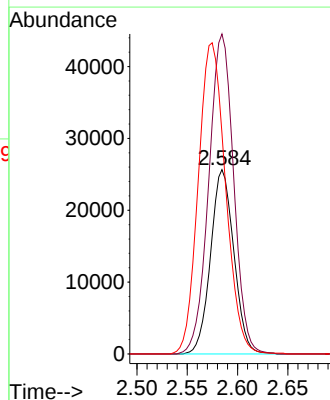
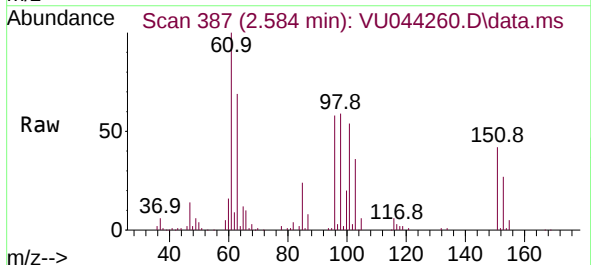
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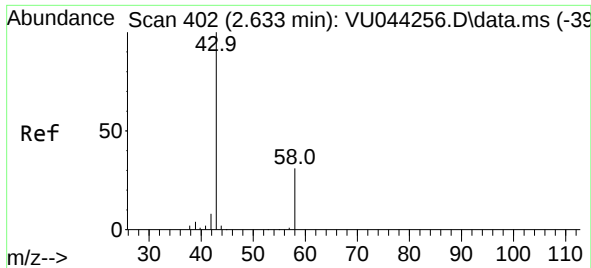
Tgt Ion:101 Resp: 45940
 Ion Ratio Lower Upper
 101 100
 85 43.6 37.0 55.4
 151 75.8 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 4.682 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044260.D
 Acq: 30 Jun 2021 14:22

Tgt Ion: 96 Resp: 41322
 Ion Ratio Lower Upper
 96 100
 61 173.6 128.6 238.8
 63 119.7 84.3 156.5

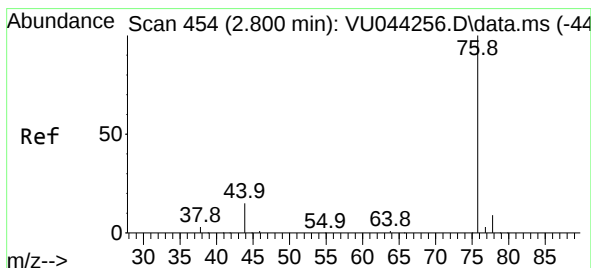
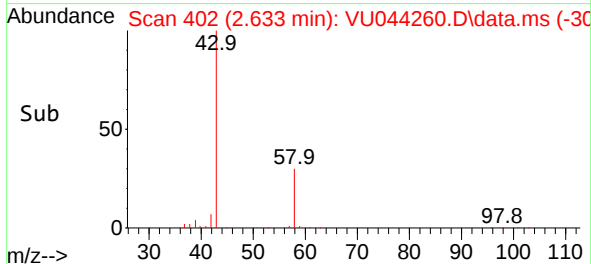
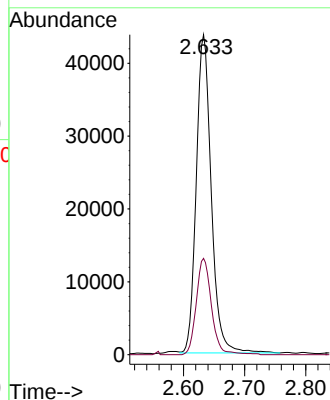
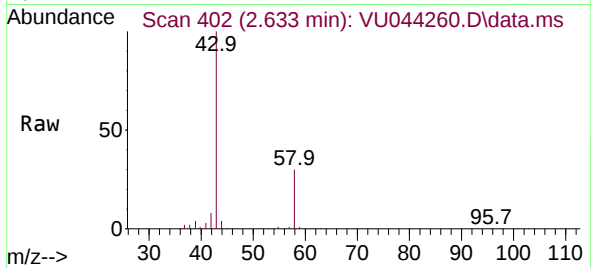




#13
Acetone
Concen: 54.592 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

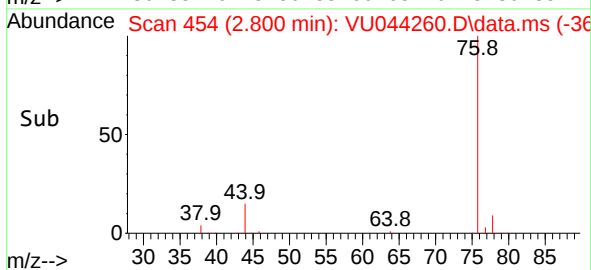
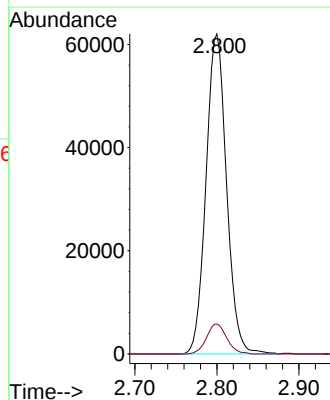
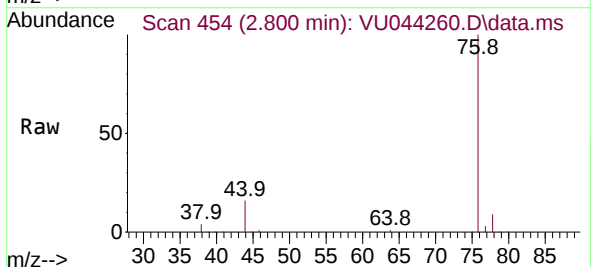
Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

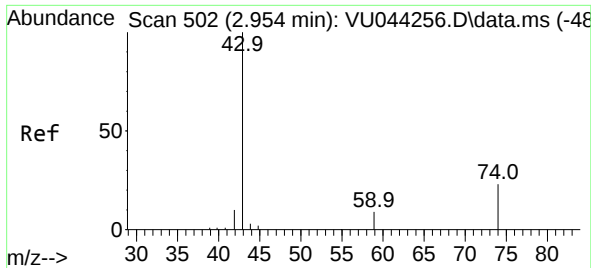
Tgt Ion: 43 Resp: 74386
Ion Ratio Lower Upper
43 100
58 30.8 0.0 53.8



#14
Carbon disulfide
Concen: 3.976 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 76 Resp: 108060
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

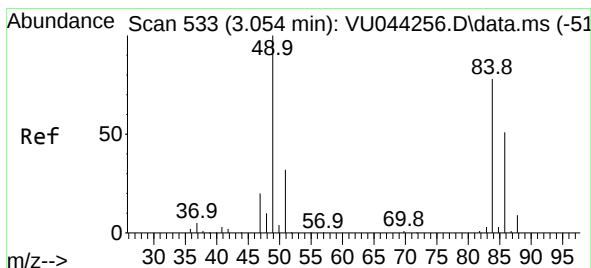
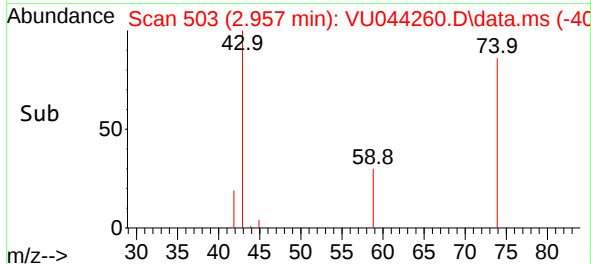
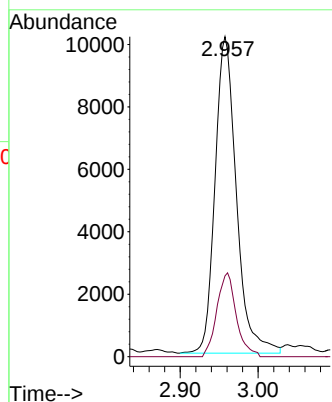
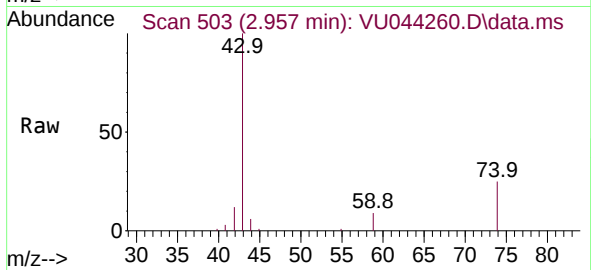




#15
Methyl Acetate
Concen: 5.052 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

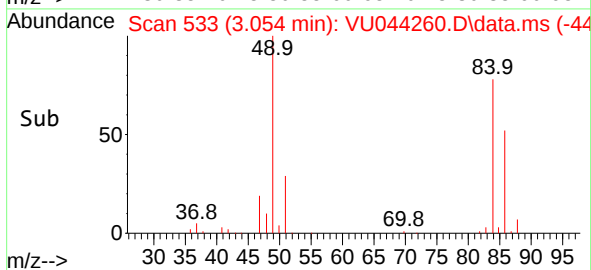
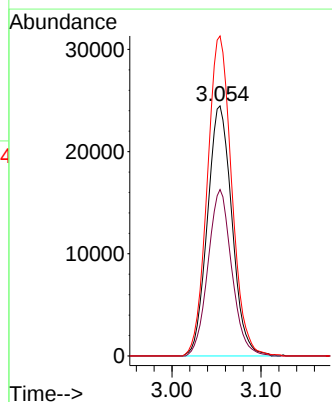
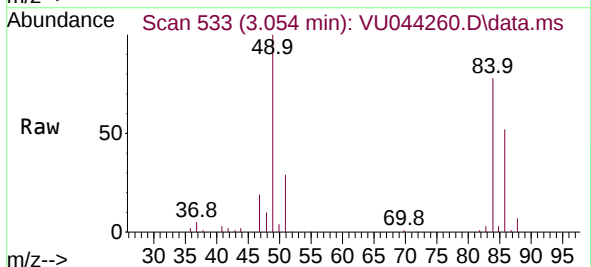
Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

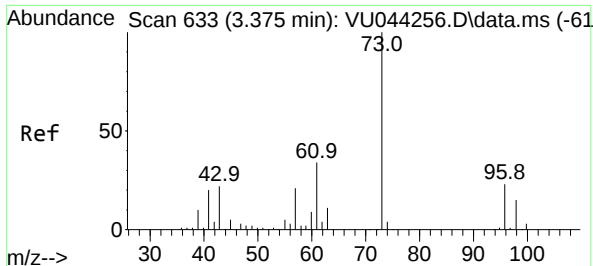
Tgt Ion: 43 Resp: 19338
Ion Ratio Lower Upper
43 100
74 24.0 18.4 27.6



#16
Methylene chloride
Concen: 3.933 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 84 Resp: 46779
Ion Ratio Lower Upper
84 100
86 66.6 46.1 85.5
49 128.0 88.4 164.2



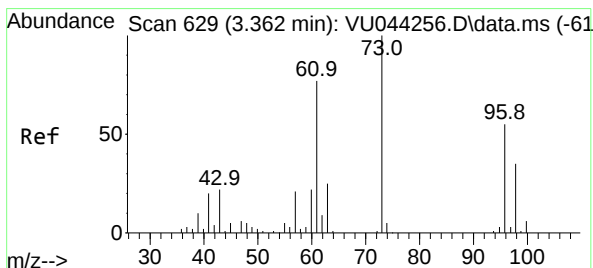
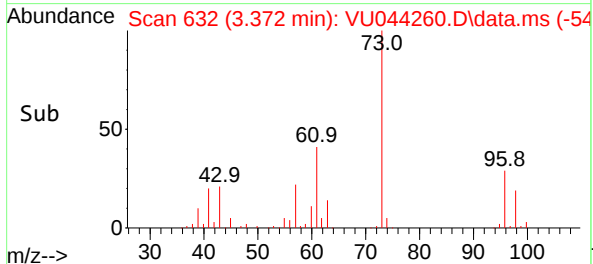
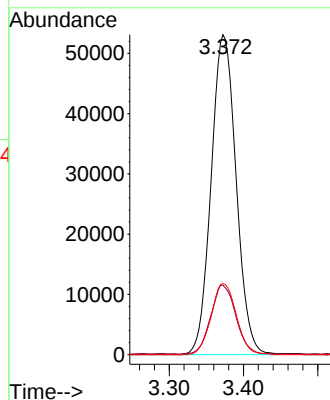
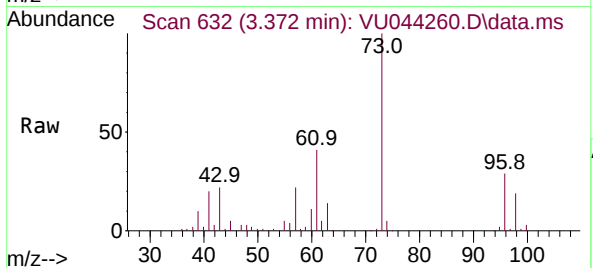


#17

Methyl tert-butyl Ether
Concen: 4.742 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

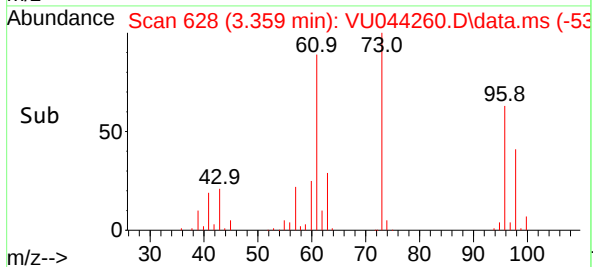
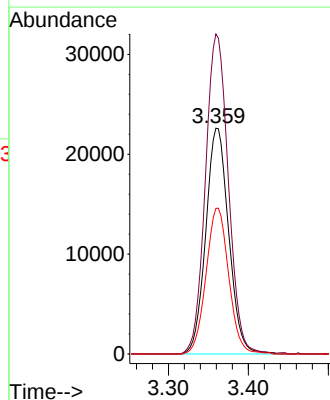
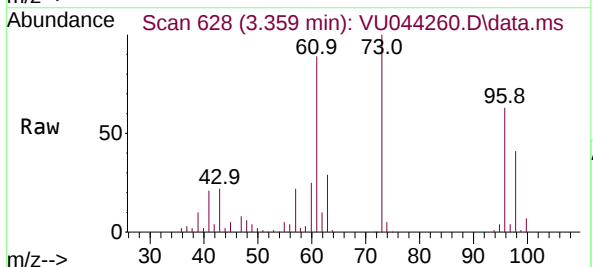
Tgt Ion: 73	Resp: 124117
Ion Ratio	Lower Upper
73 100	
43 21.5	17.6 26.4
57 22.4	17.8 26.8

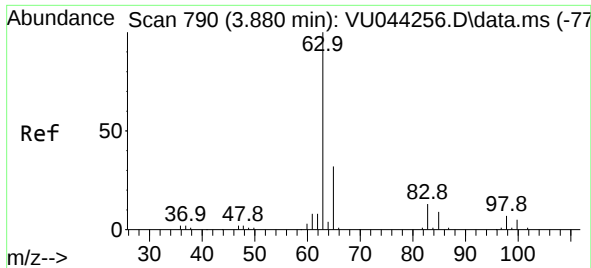


#18

trans-1,2-Dichloroethene
Concen: 4.808 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 96	Resp: 45166
Ion Ratio	Lower Upper
96 100	
61 141.8	100.2 186.2
98 64.5	44.9 83.5

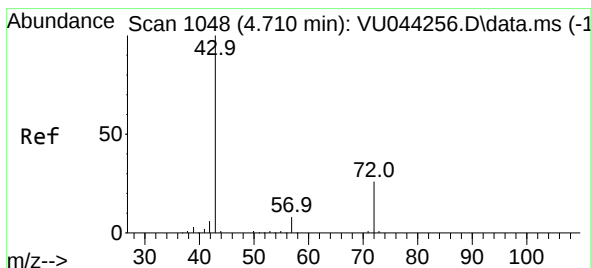
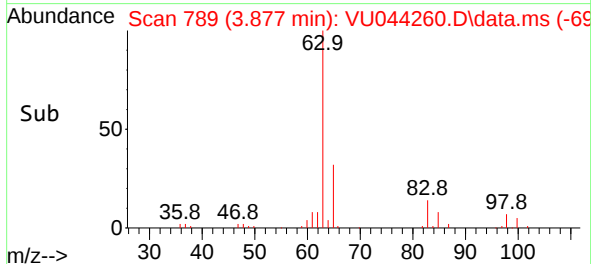
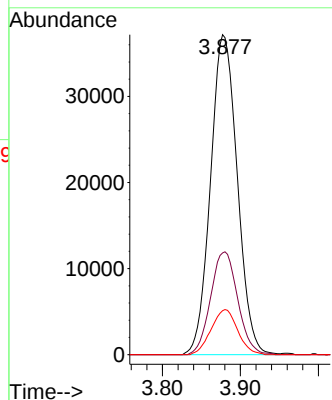
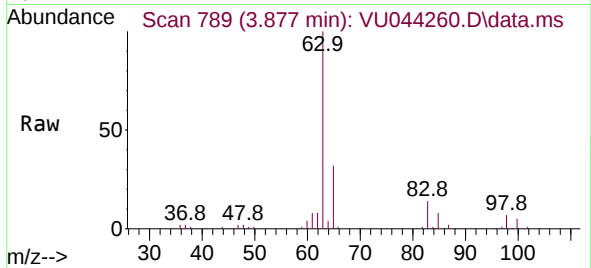




#19
1,1-Dichloroethane
Concen: 4.949 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

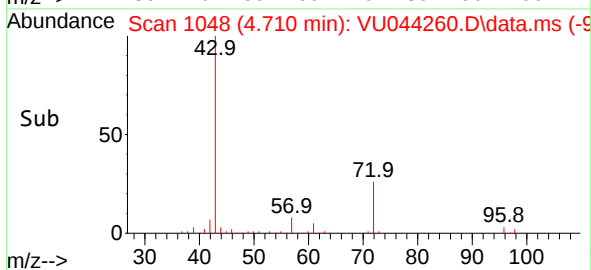
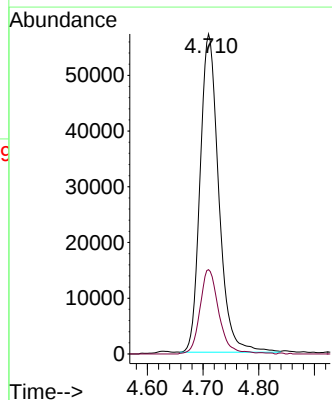
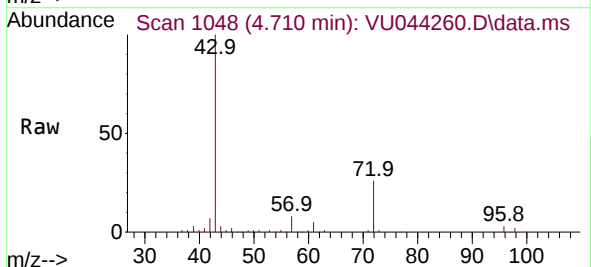
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

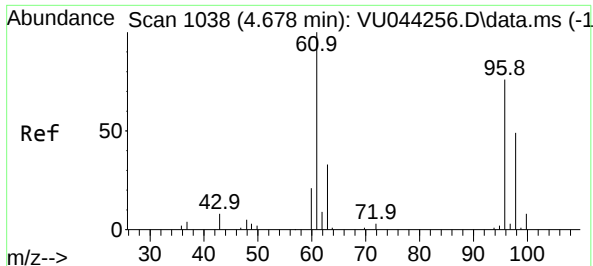
Tgt Ion:	63	Resp:	88681
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.3	41.3
83	13.7	9.9	18.5



#21
2-Butanone
Concen: 42.880 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:	43	Resp:	132736
Ion	Ratio	Lower	Upper
43	100		
72	26.8	13.4	40.1



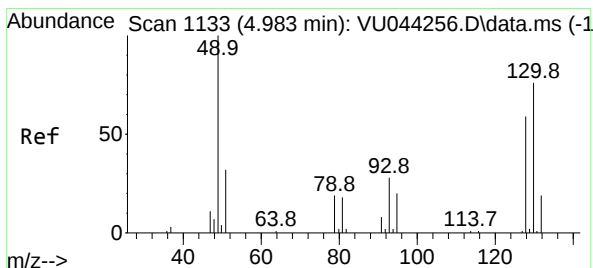
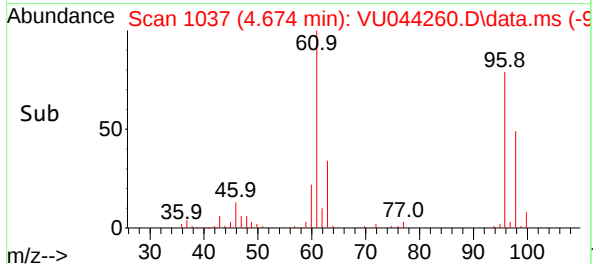
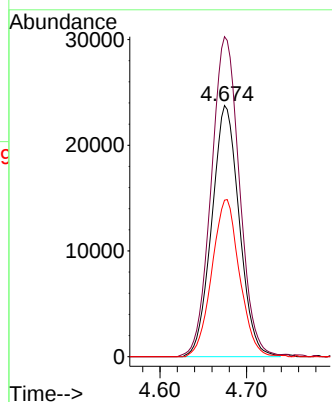
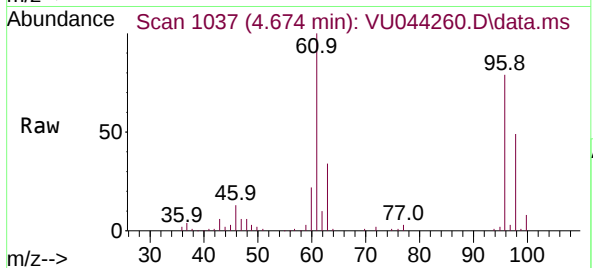


#22

cis-1,2-Dichloroethene
Concen: 5.094 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

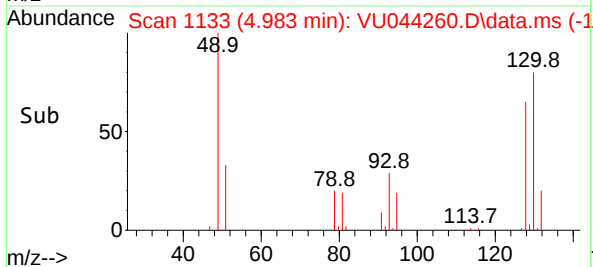
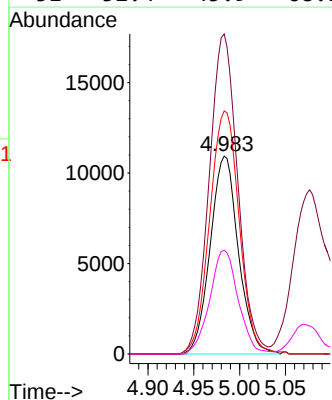
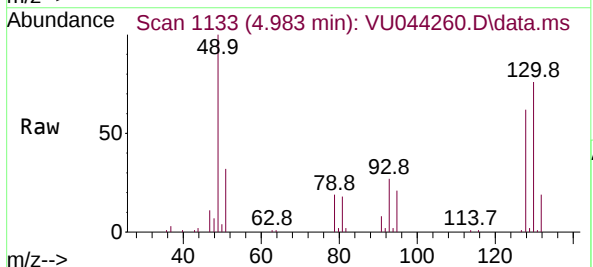
Tgt Ion: 96 Resp: 52360
Ion Ratio Lower Upper
96 100
61 127.4 98.8 183.6
98 62.3 44.8 83.2

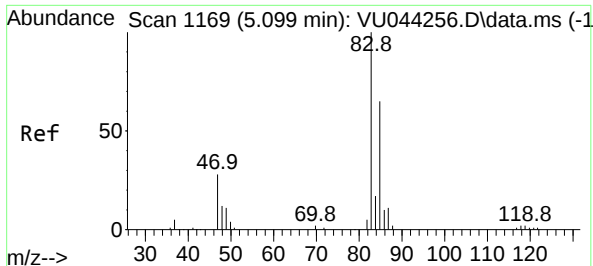


#23

Bromochloromethane
Concen: 4.997 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:128 Resp: 23396
Ion Ratio Lower Upper
128 100
49 161.7 127.2 236.2
130 122.8 91.7 170.3
51 52.4 45.9 68.9



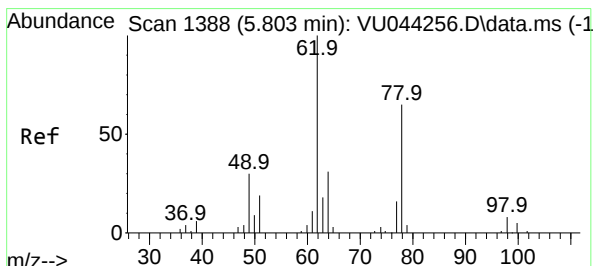
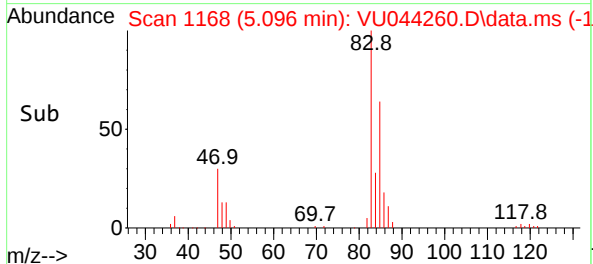
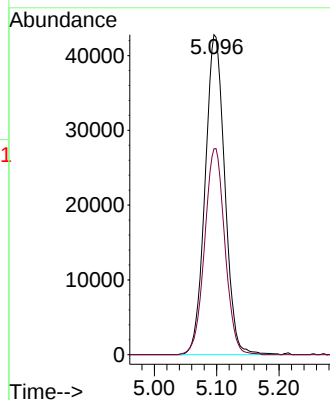
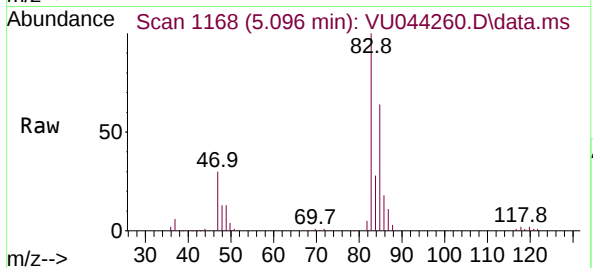


#25

Chloroform
Concen: 4.894 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

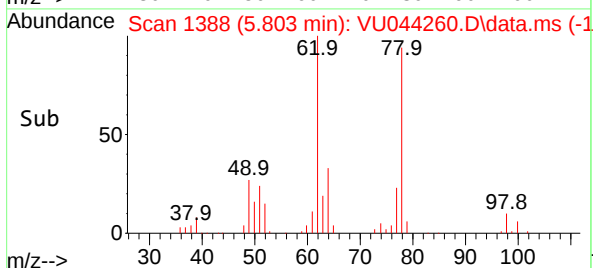
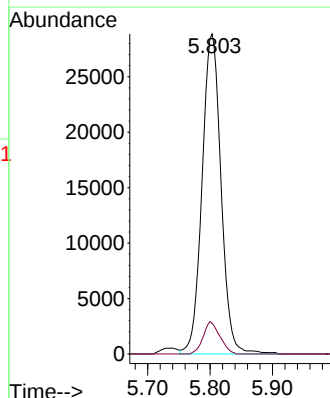
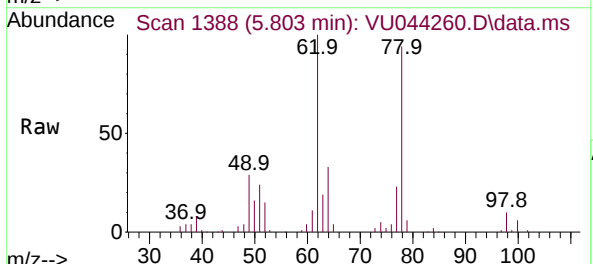
Tgt Ion: 83 Resp: 93631
Ion Ratio Lower Upper
83 100
85 64.3 45.2 84.0

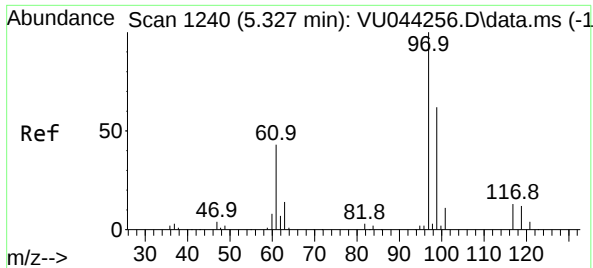


#27

1,2-Dichloroethane
Concen: 4.791 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 62 Resp: 61095
Ion Ratio Lower Upper
62 100
98 9.6 6.8 10.2

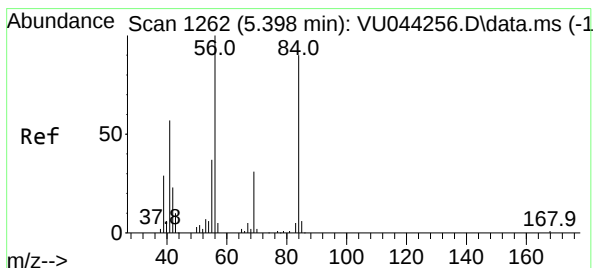
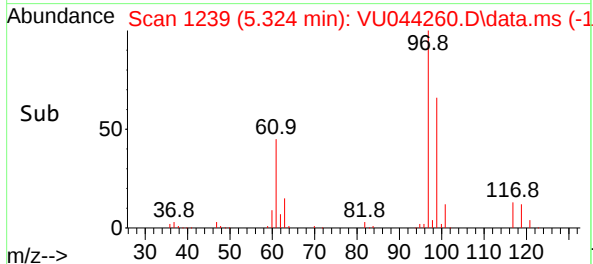
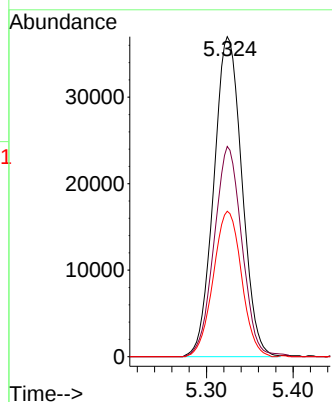
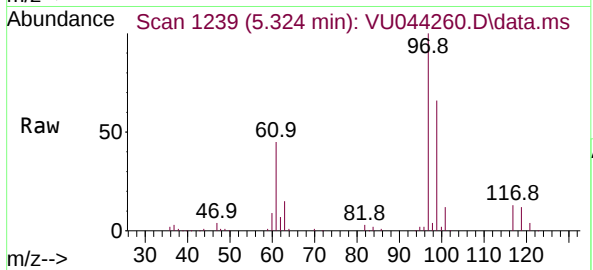




#29
1,1,1-Trichloroethane
Concen: 5.105 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

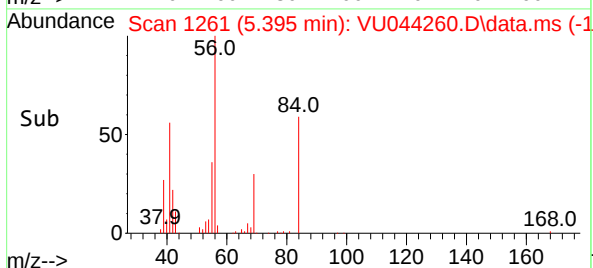
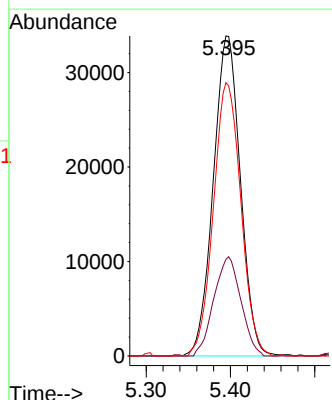
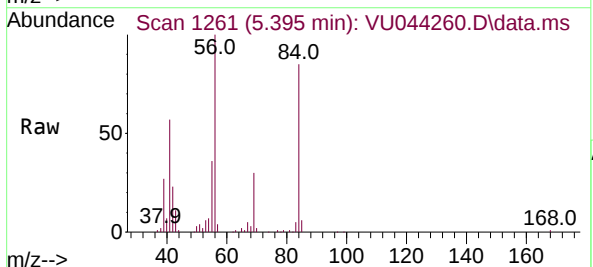
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

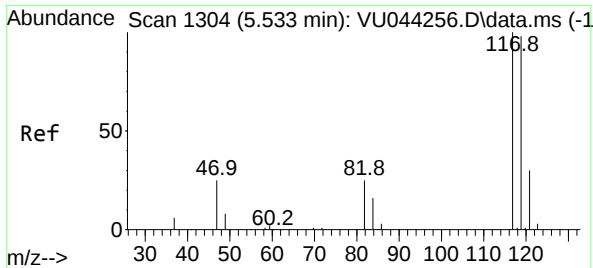
Tgt Ion: 97	Resp: 83498
Ion Ratio	Lower Upper
97 100	
99 65.1	51.4 77.0
61 45.6	37.0 55.6



#30
Cyclohexane
Concen: 4.483 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 56	Resp: 75644
Ion Ratio	Lower Upper
56 100	
69 30.9	24.8 37.2
84 86.5	67.8 101.8

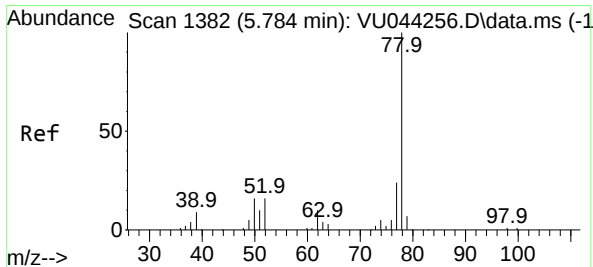
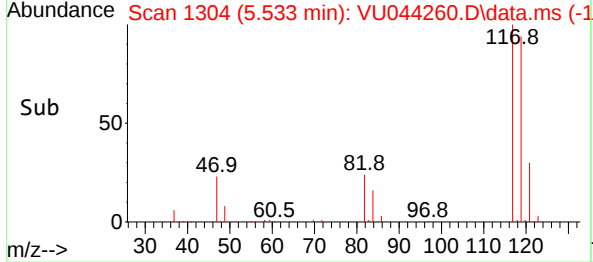
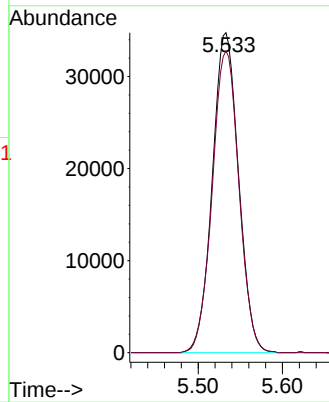
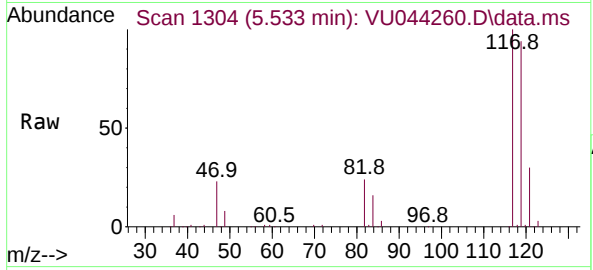




#31
Carbon tetrachloride
Concen: 5.397 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

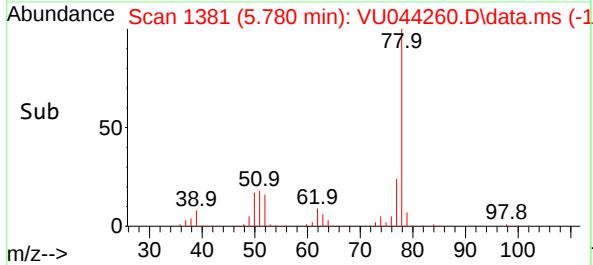
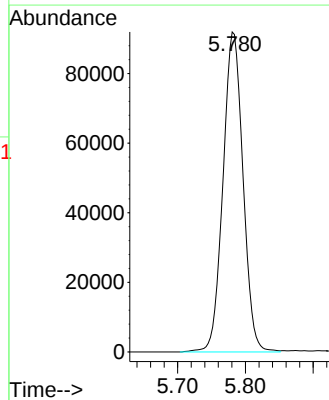
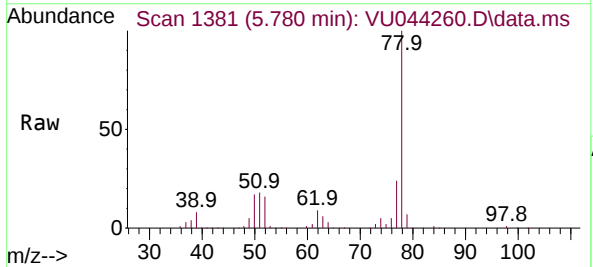
Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

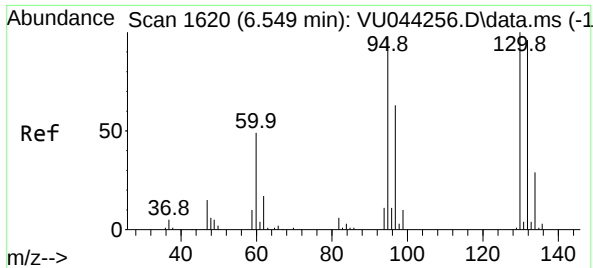
Tgt Ion:117 Resp: 75227
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5



#33
Benzene
Concen: 4.959 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 78 Resp: 188873



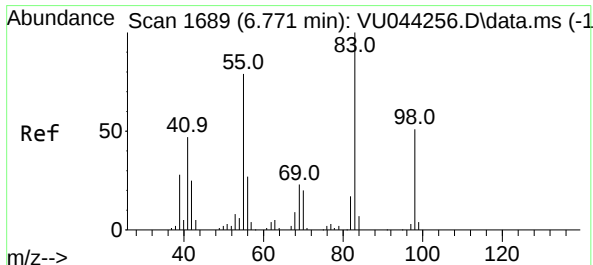
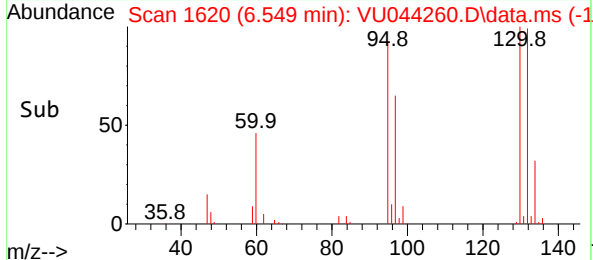
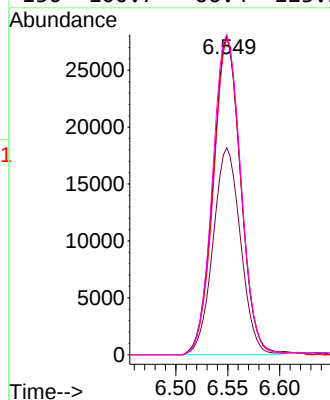
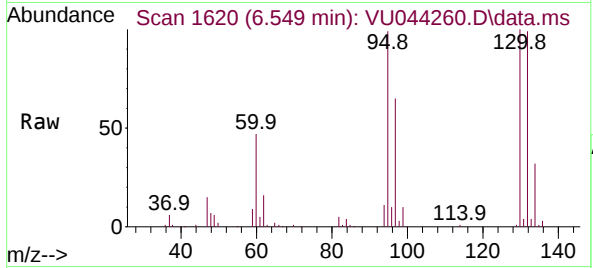


#34
Trichloroethene
Concen: 5.004 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

Tgt Ion: 95 Resp: 51616

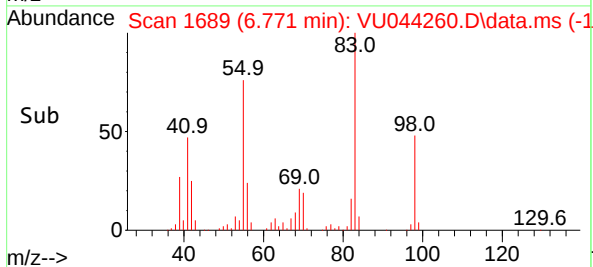
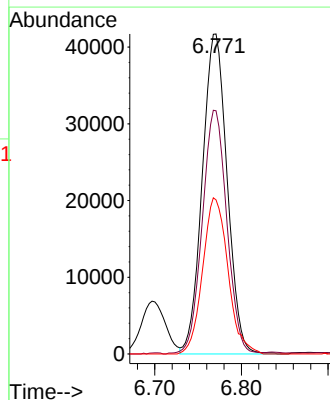
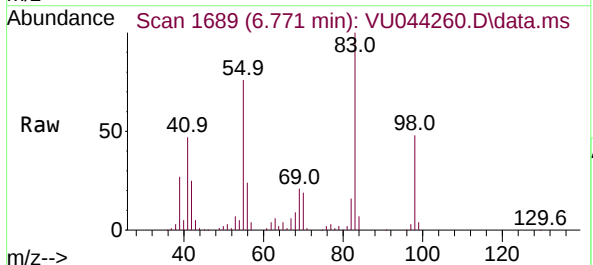
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.3	82.3
132	99.3	64.3	119.5
130	100.7	66.4	123.2

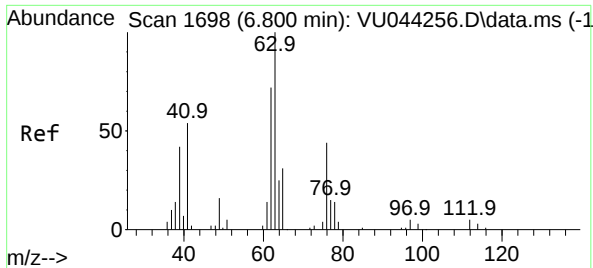


#35
Methylcyclohexane
Concen: 4.888 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 83 Resp: 83251

Ion	Ratio	Lower	Upper
83	100		
55	75.3	63.4	95.0
98	49.6	39.4	59.0



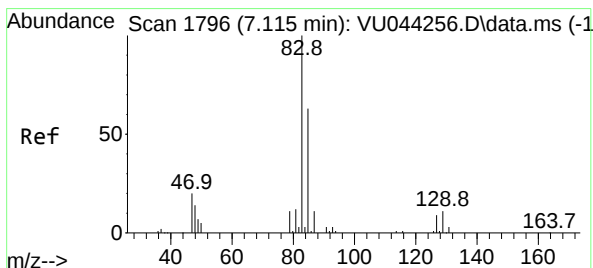
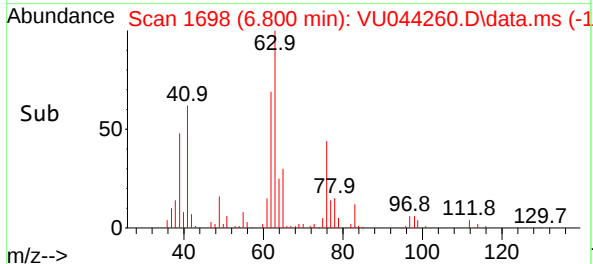
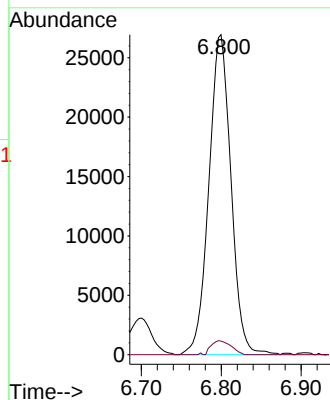
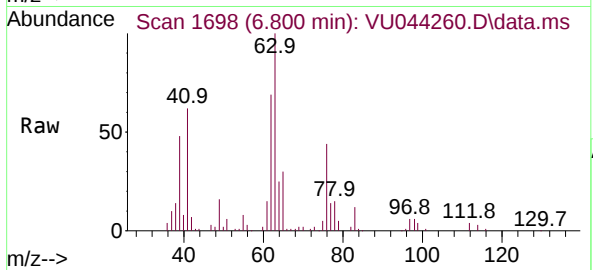


#37

1,2-Dichloropropane
Concen: 5.139 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

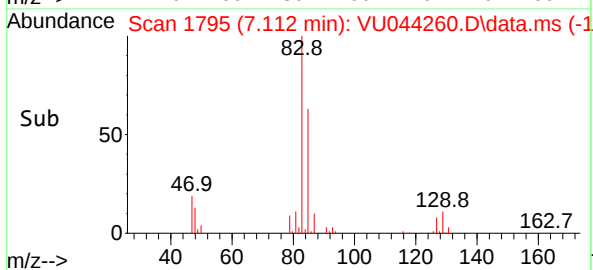
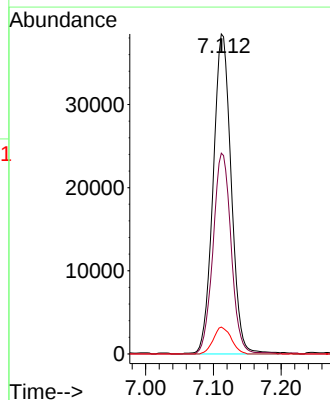
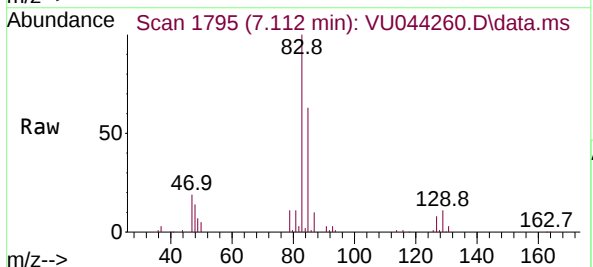
Tgt Ion: 63 Resp: 51698
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3

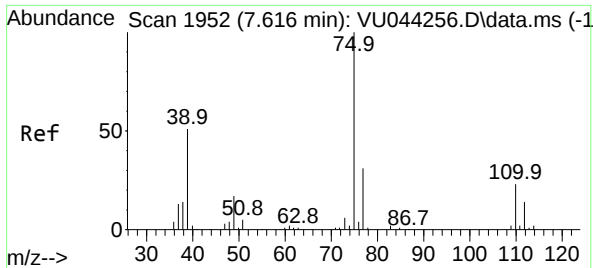


#38

Bromodichloromethane
Concen: 5.045 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 83 Resp: 71345
Ion Ratio Lower Upper
83 100
85 62.8 45.2 84.0
127 8.4 6.7 10.1



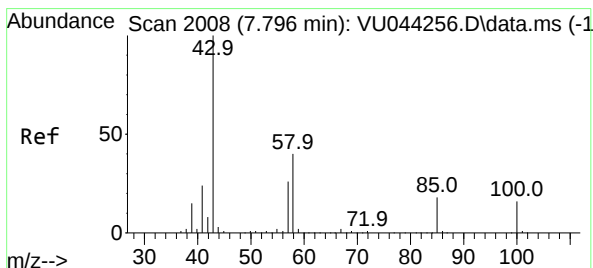
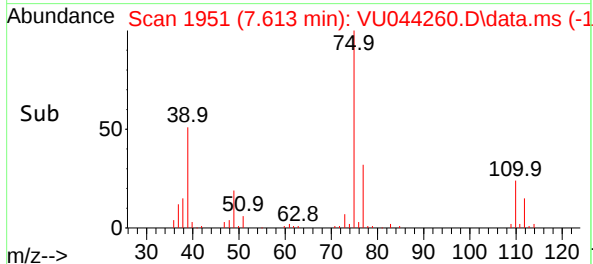
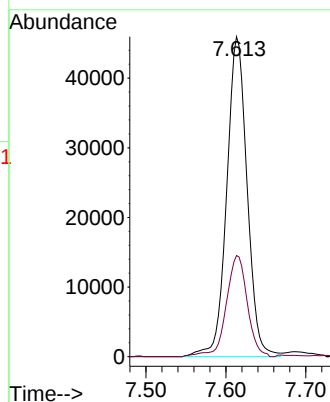
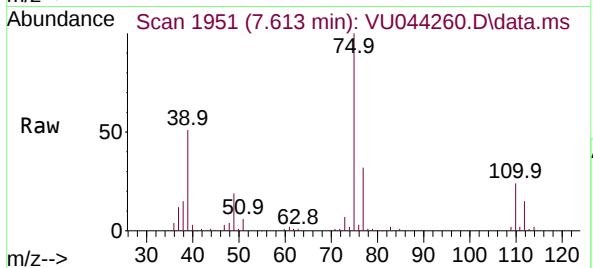


#39

cis-1,3-Dichloropropene
Concen: 4.933 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

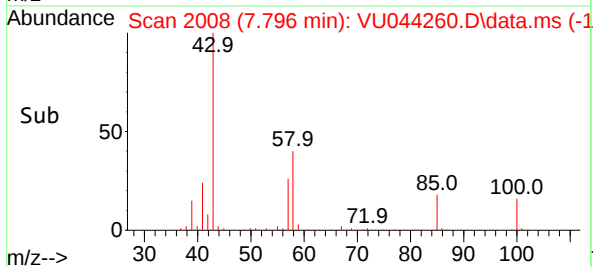
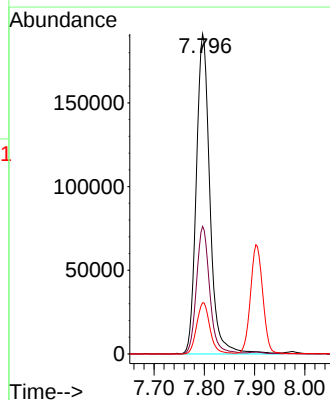
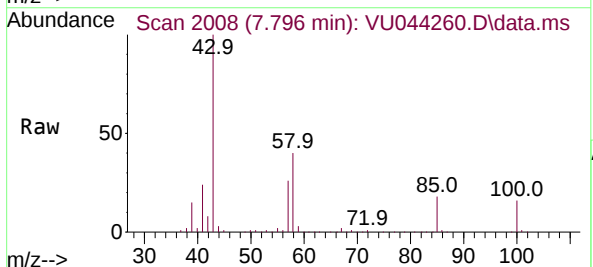
Tgt Ion: 75 Resp: 81481
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7

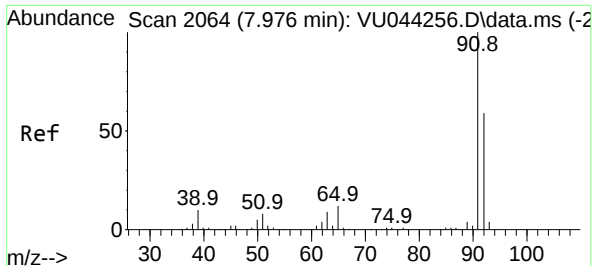


#40

4-Methyl-2-pentanone
Concen: 44.518 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 43 Resp: 359890
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8
100 15.7 12.3 18.5





#42

Toluene

Concen: 5.113 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044260.D

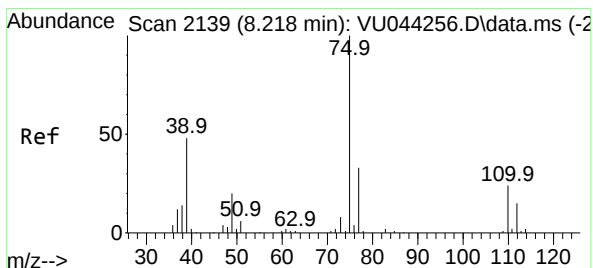
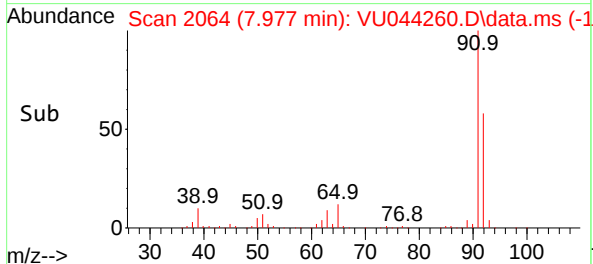
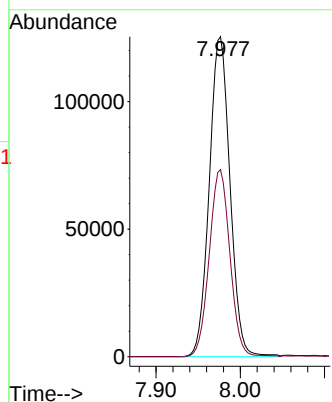
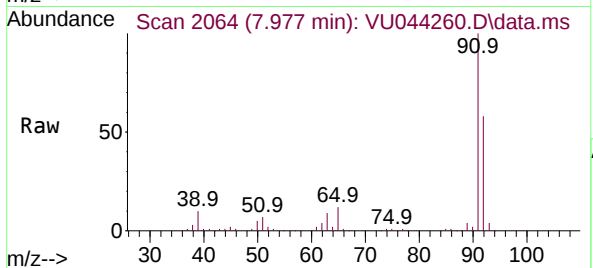
Acq: 30 Jun 2021 14:22

Tgt Ion: 91 Resp: 214461

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.781 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.003 min

Lab File: VU044260.D

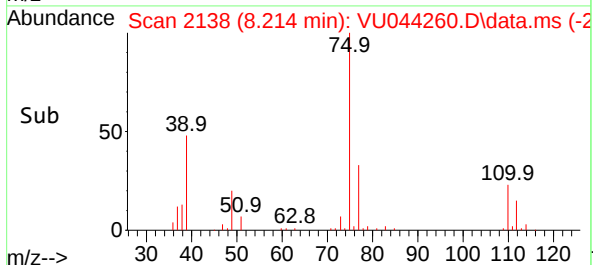
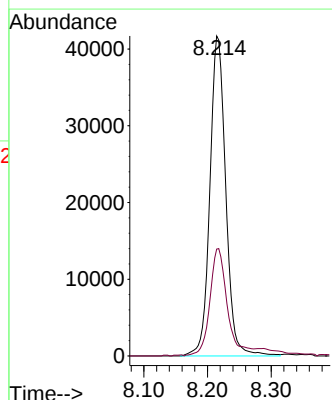
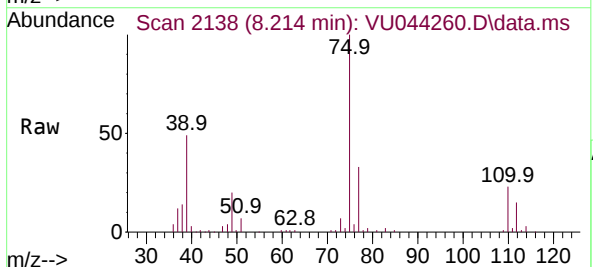
Acq: 30 Jun 2021 14:22

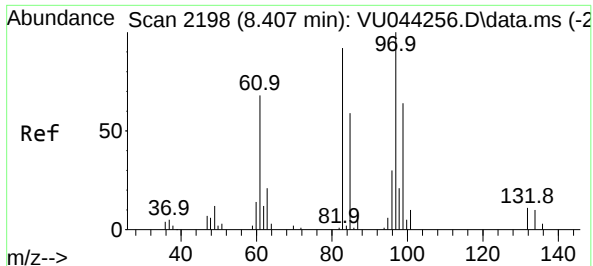
Tgt Ion: 75 Resp: 72423

Ion Ratio Lower Upper

75 100

77 33.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 4.908 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VU044260.D

Acq: 30 Jun 2021 14:22

Tgt Ion: 97 Resp: 37161

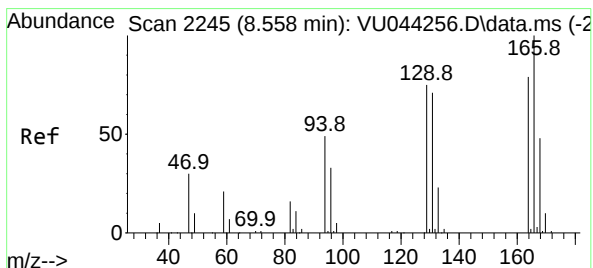
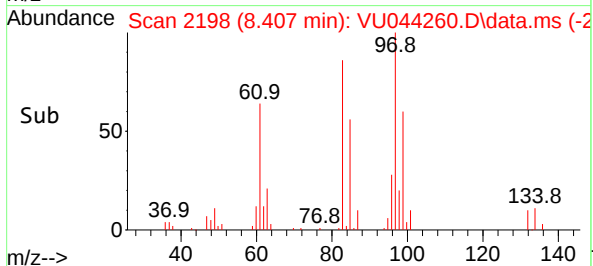
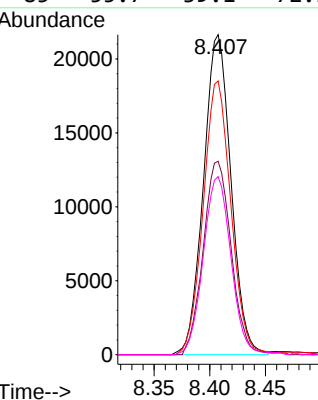
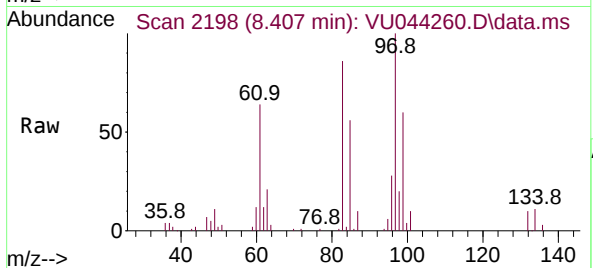
Ion Ratio Lower Upper

97 100

99 60.5 42.8 79.4

83 85.5 59.9 111.3

85 55.7 39.1 72.5



#47

Tetrachloroethene

Concen: 5.488 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044260.D

Acq: 30 Jun 2021 14:22

Tgt Ion: 164 Resp: 41852

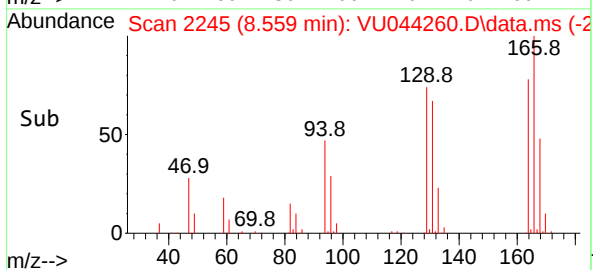
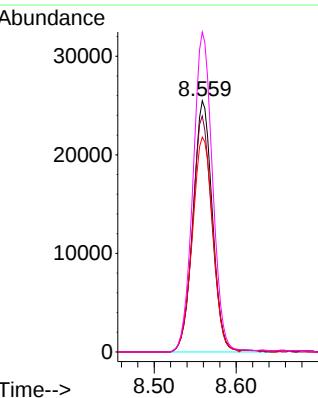
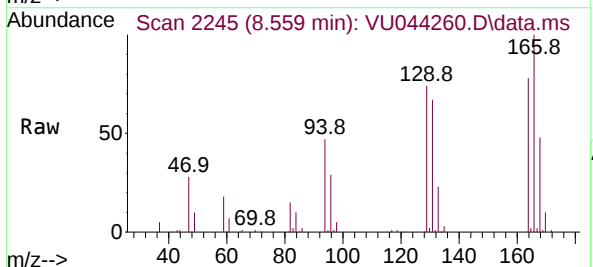
Ion Ratio Lower Upper

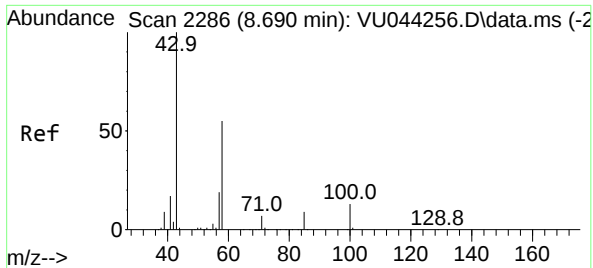
164 100

129 93.9 71.8 133.4

131 85.6 66.4 123.2

166 127.4 91.6 170.2



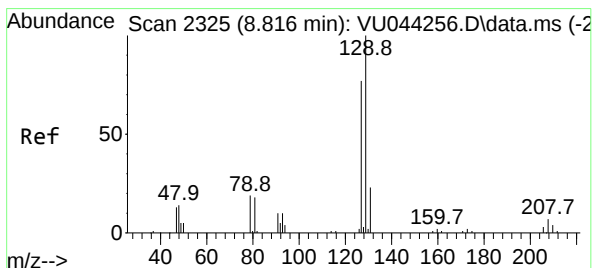
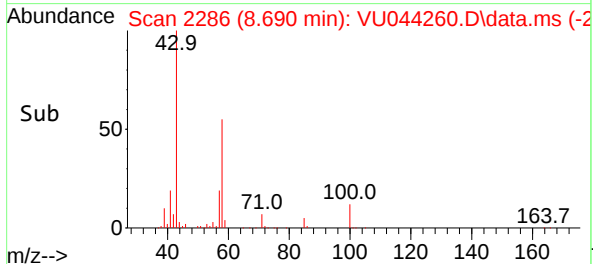
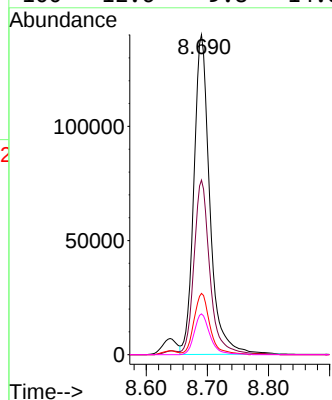
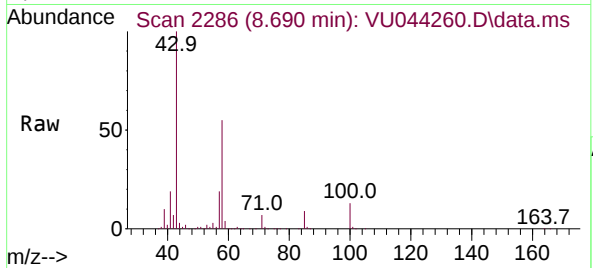


#48
2-Hexanone
Concen: 44.556 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

Tgt Ion: 43 Resp: 253827

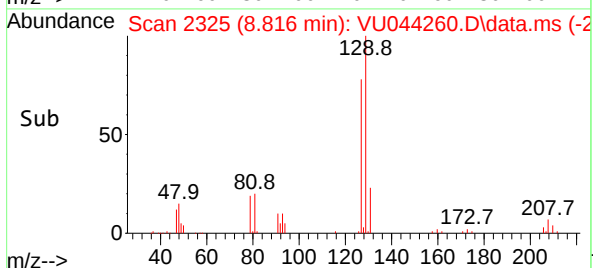
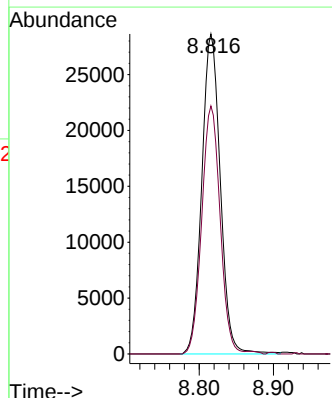
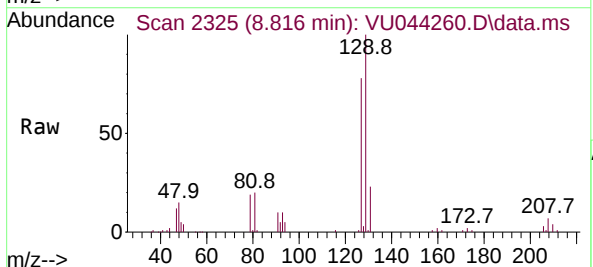
Ion	Ratio	Lower	Upper
43	100		
58	54.7	44.7	67.1
57	19.3	15.7	23.5
100	12.6	9.8	14.8

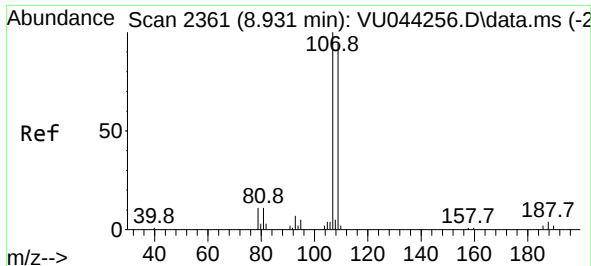


#49
Dibromochloromethane
Concen: 5.159 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 129 Resp: 49576

Ion	Ratio	Lower	Upper
129	100		
127	77.5	53.6	99.6





#50

1,2-Dibromoethane

Concen: 4.931 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU044260.D

Acq: 30 Jun 2021 14:22

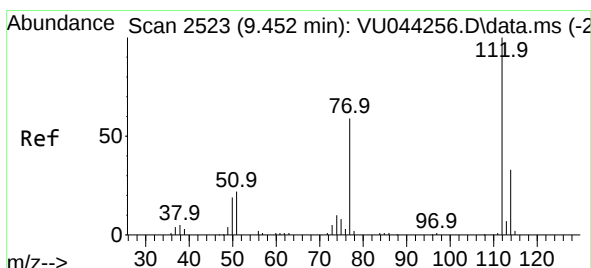
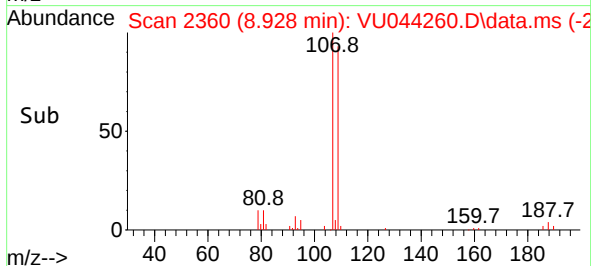
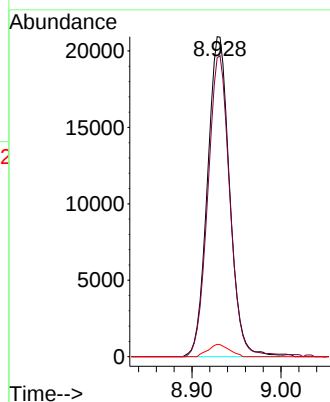
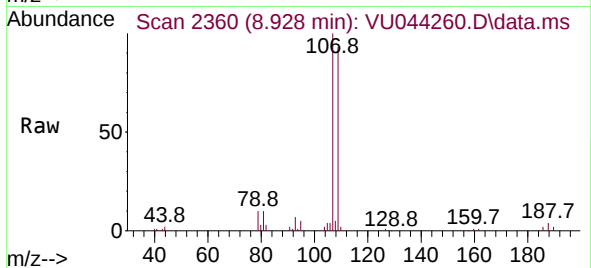
Instrument :

MSVOA_U

ClientSampleId :

DBK22MSD

Tgt Ion:	107	Resp:	36070
Ion	Ratio	Lower	Upper
107	100		
109	93.4	64.1	119.1
188	3.9	3.0	4.4



#51

Chlorobenzene

Concen: 5.386 ug/L

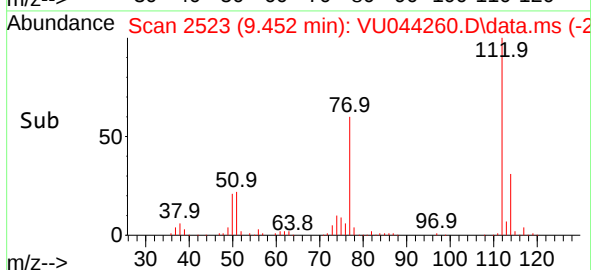
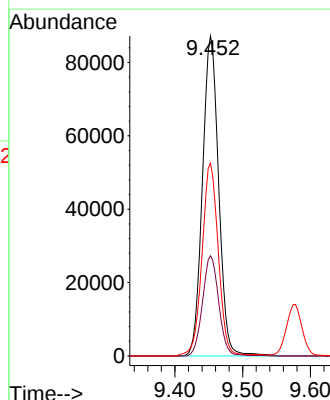
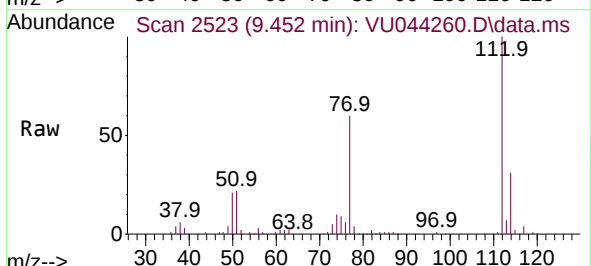
RT: 9.452 min Scan# 2523

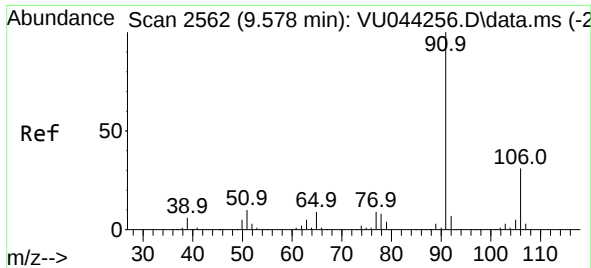
Delta R.T. 0.000 min

Lab File: VU044260.D

Acq: 30 Jun 2021 14:22

Tgt Ion:	112	Resp:	144698
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	41.0
77	60.2	48.9	73.3

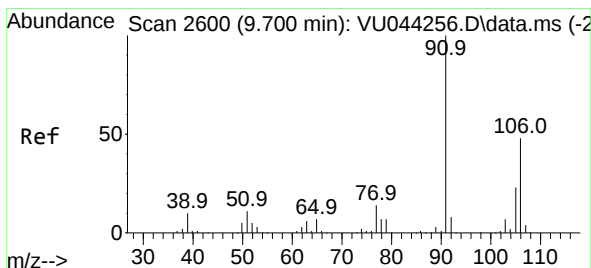
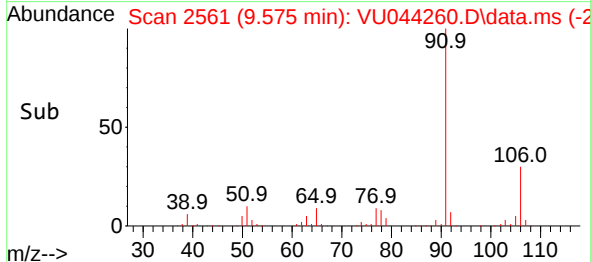
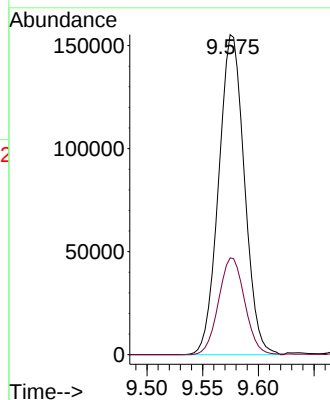
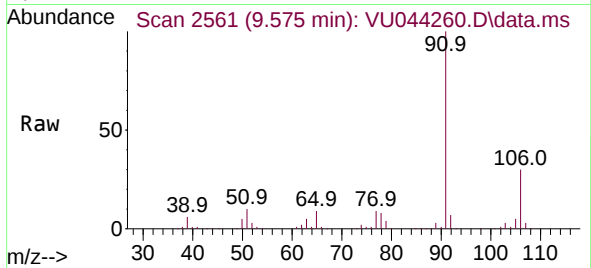




#52
Ethylbenzene
Concen: 5.153 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

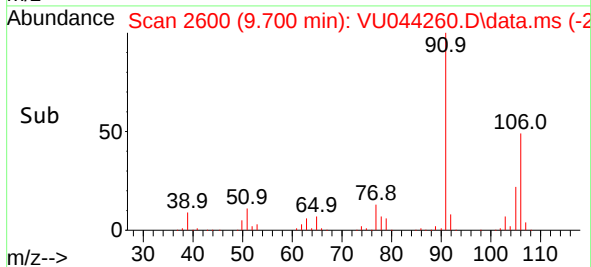
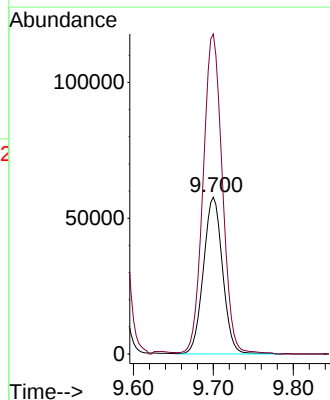
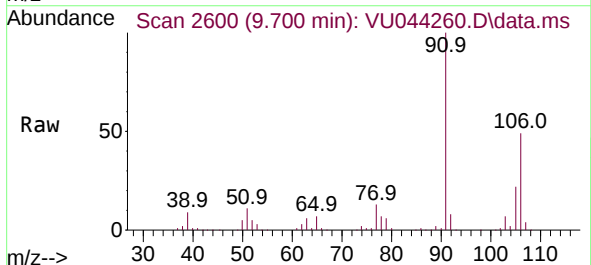
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

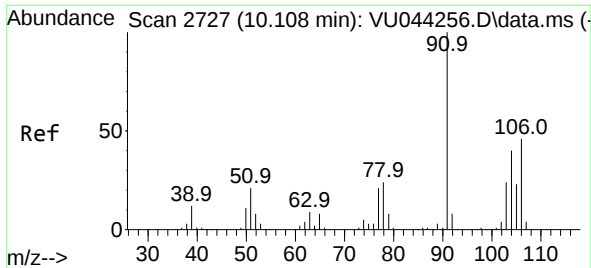
Tgt Ion: 91 Resp: 249535
Ion Ratio Lower Upper
91 100
106 30.3 21.6 40.2



#53
m,p-Xylene
Concen: 5.251 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:106 Resp: 96277
Ion Ratio Lower Upper
106 100
91 204.1 144.8 269.0

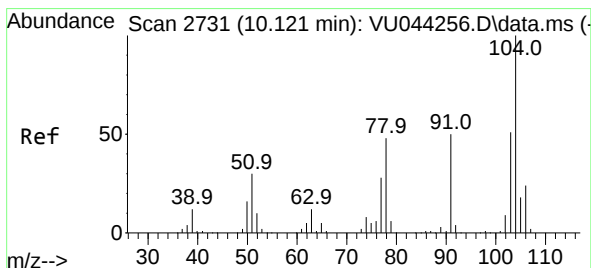
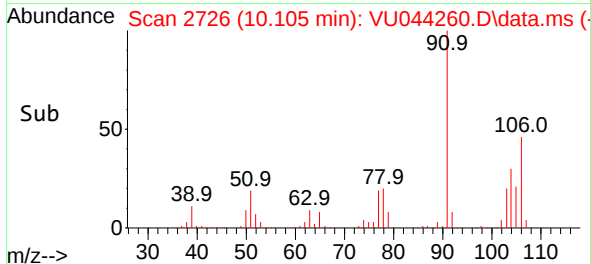
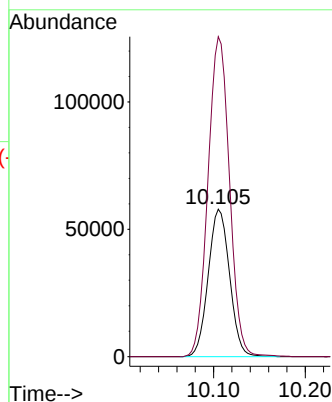
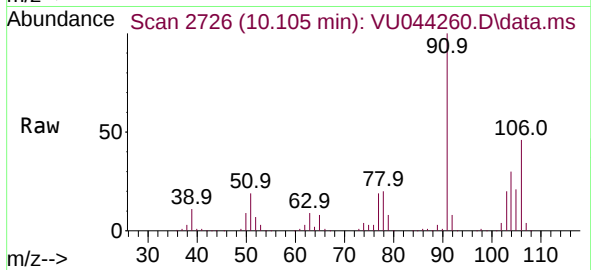




#54
o-Xylene
Concen: 5.261 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

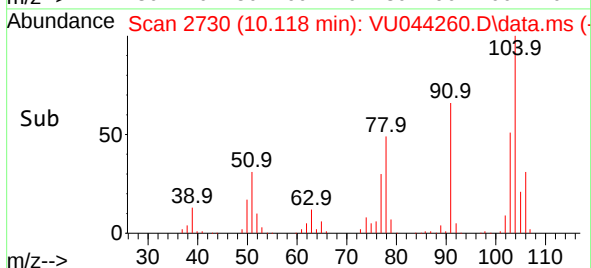
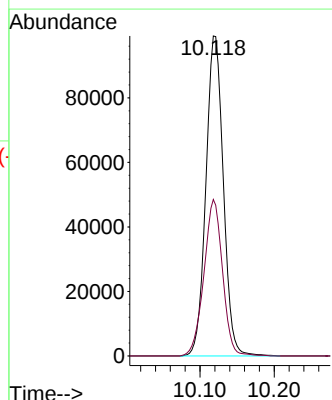
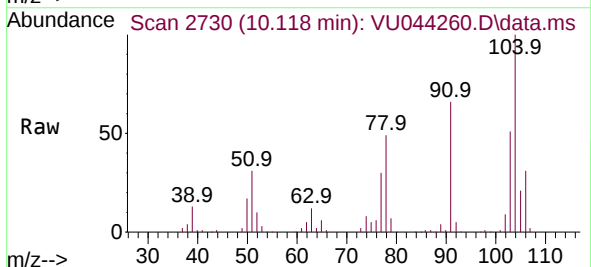
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

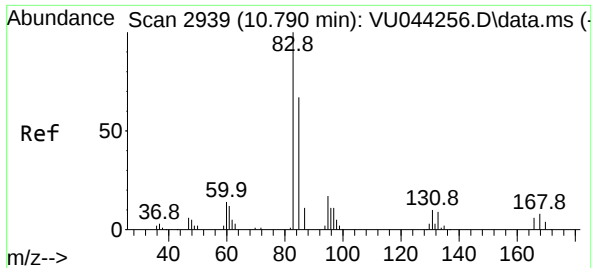
Tgt Ion:106 Resp: 93772
Ion Ratio Lower Upper
106 100
91 217.0 154.8 287.4



#55
Styrene
Concen: 5.171 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:104 Resp: 161632
Ion Ratio Lower Upper
104 100
78 48.9 34.1 63.3

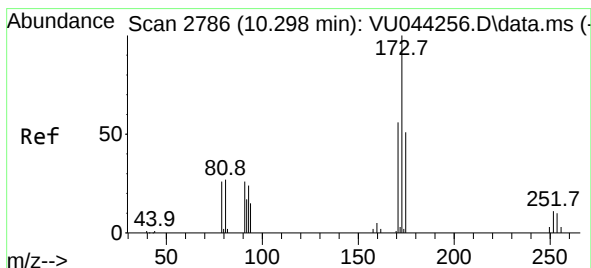
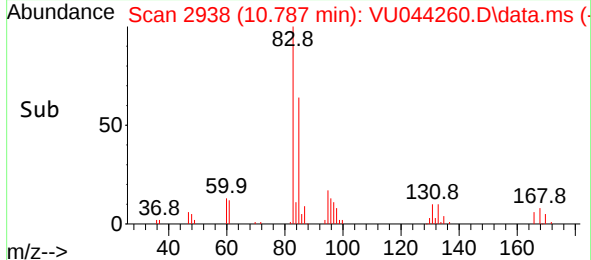
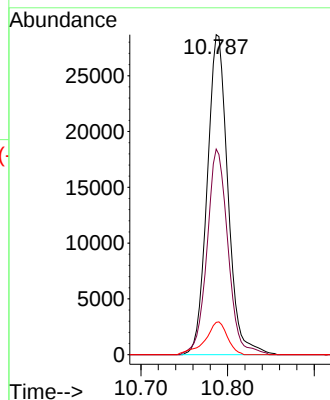
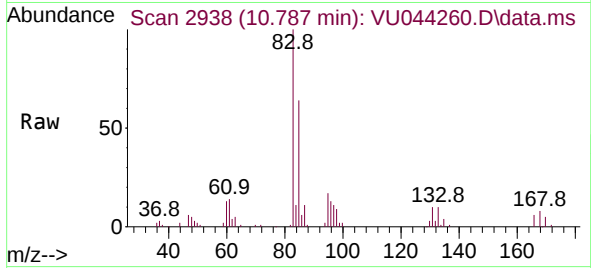




#57
1,1,2,2-Tetrachloroethane
Concen: 4.736 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

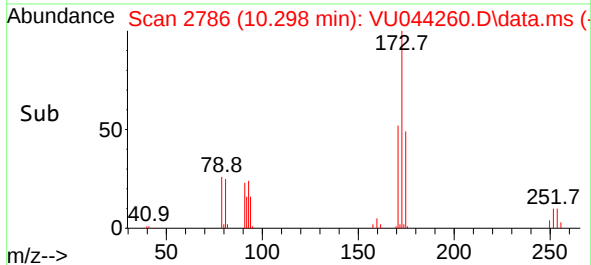
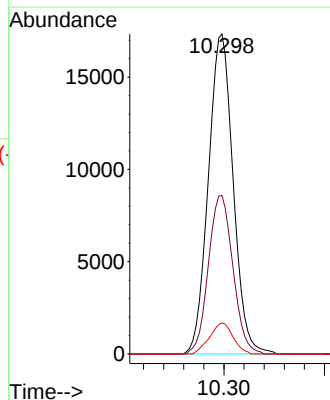
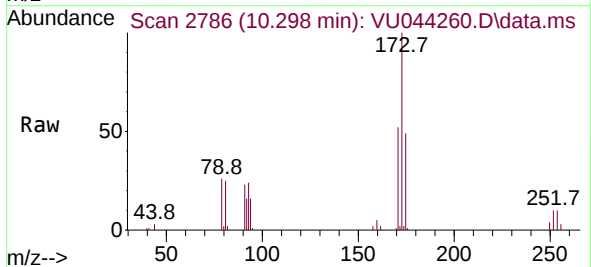
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

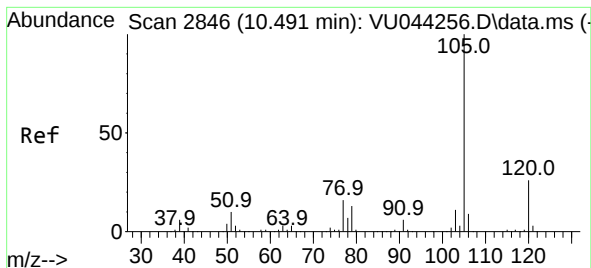
Tgt Ion:	83	Resp:	47575
Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.5	84.5
131	10.1	7.9	11.9



#59
Bromoform
Concen: 5.069 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:	173	Resp:	29705
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.0	57.0
254	9.1	6.2	9.4

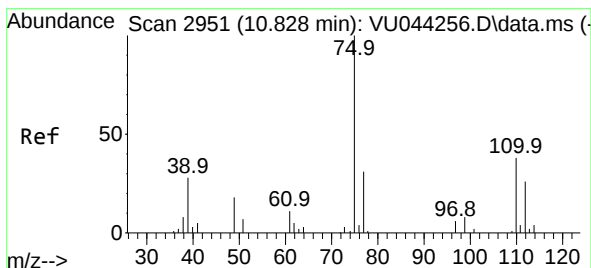
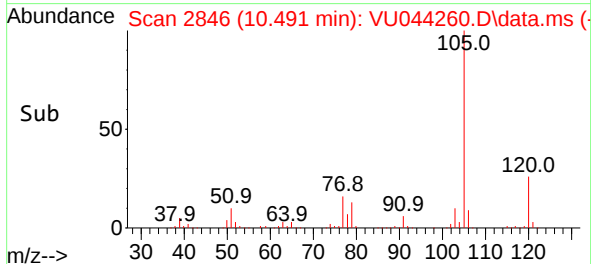
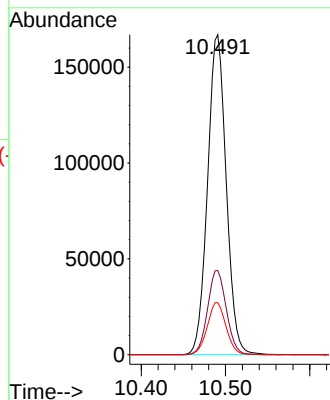
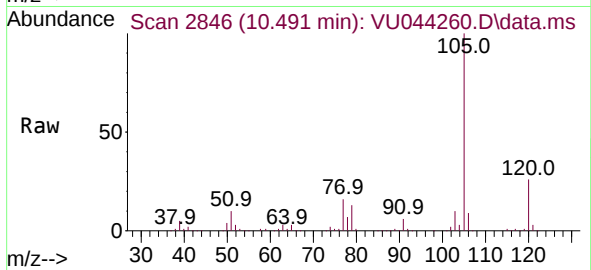




#60
Isopropylbenzene
Concen: 5.107 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

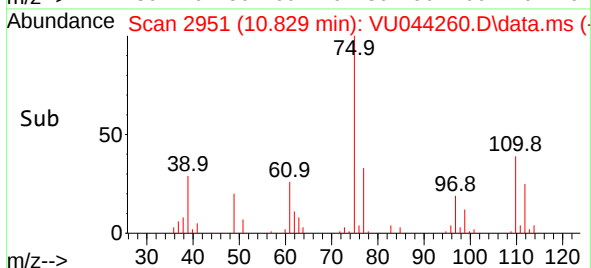
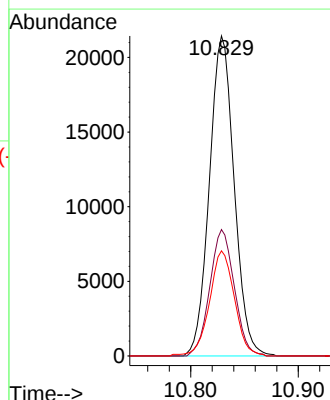
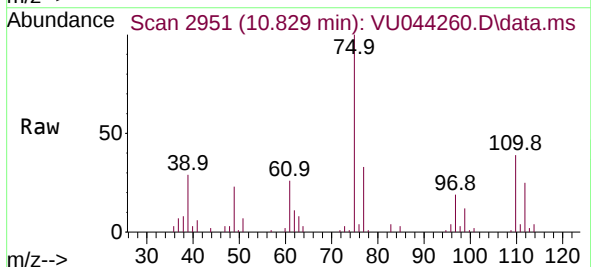
Instrument :
MSVOA_U
ClientSampled :
DBK22MSD

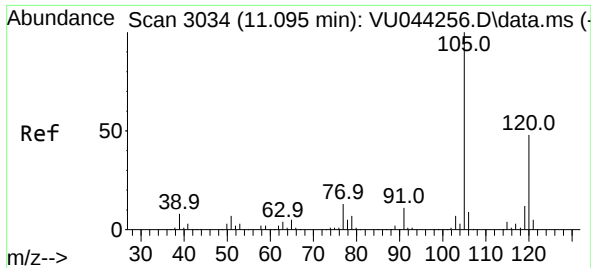
Tgt Ion:105 Resp: 257095
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.594 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 75 Resp: 34334
Ion Ratio Lower Upper
75 100
110 39.0 30.5 45.7
77 33.0 26.1 39.1

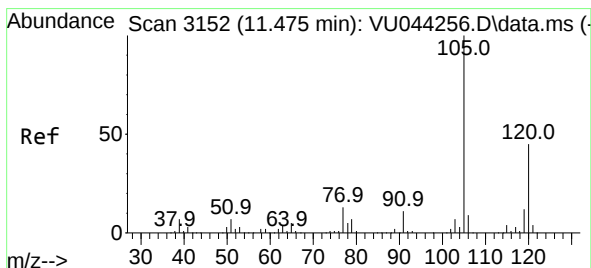
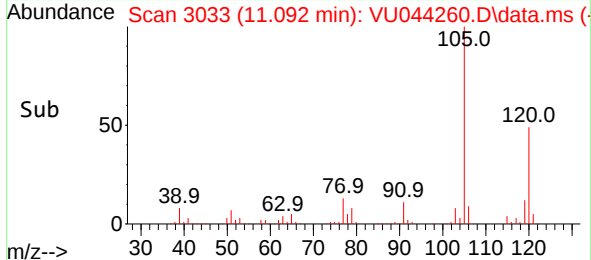
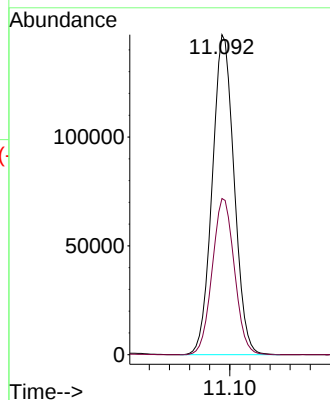
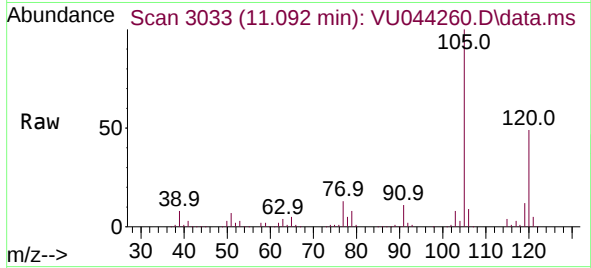




#62
1,3,5-Trimethylbenzene
Concen: 5.062 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

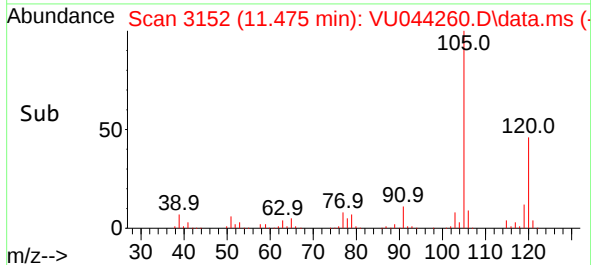
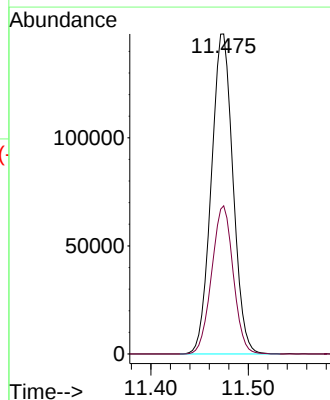
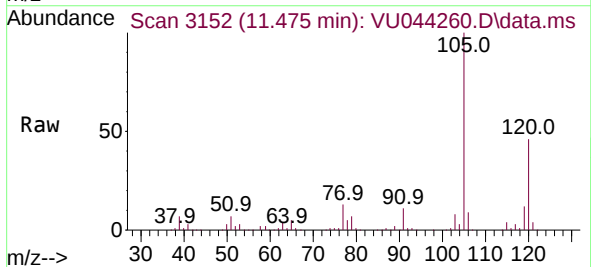
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

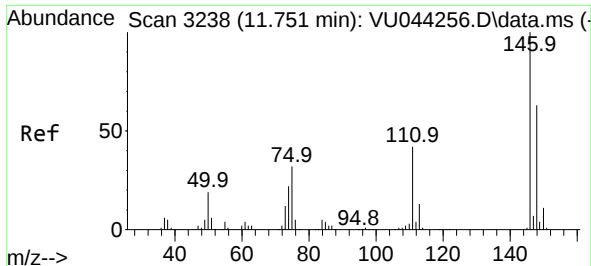
Tgt Ion:105 Resp: 222042
Ion Ratio Lower Upper
105 100
120 49.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.110 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:105 Resp: 229259
Ion Ratio Lower Upper
105 100
120 45.9 35.6 53.4

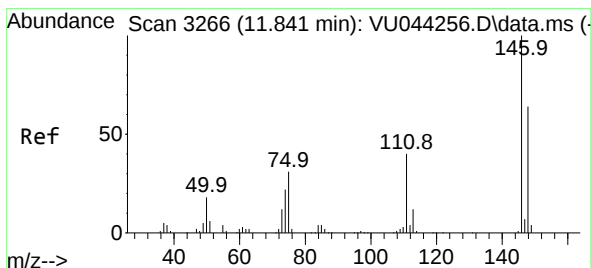
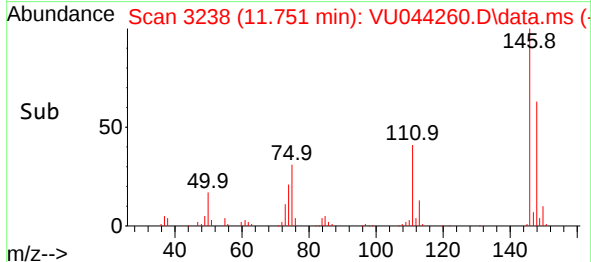
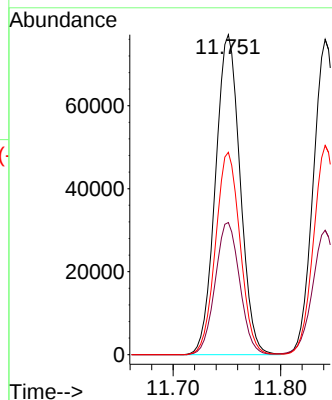
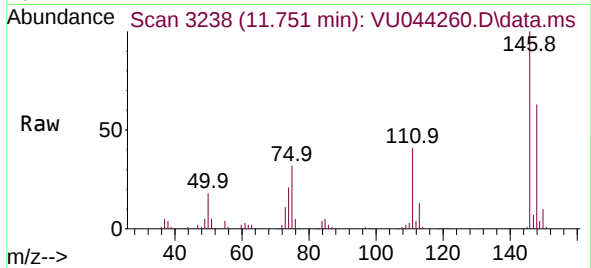




#64
1,3-Dichlorobenzene
Concen: 5.409 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

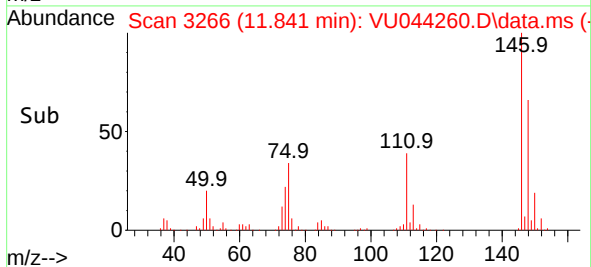
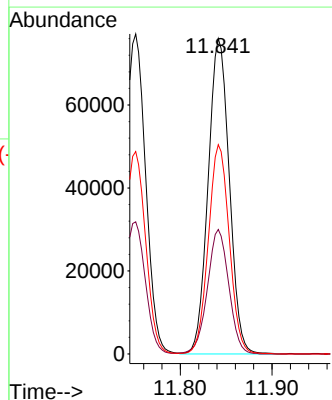
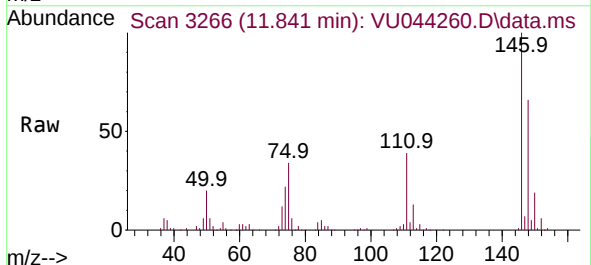
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

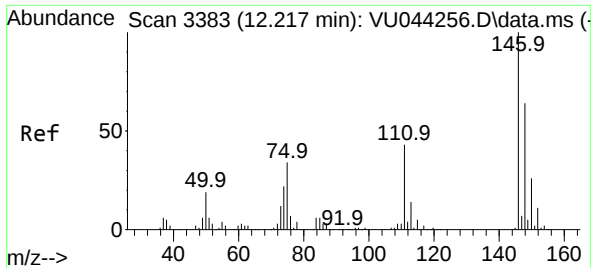
Tgt Ion:146 Resp: 122917
Ion Ratio Lower Upper
146 100
111 41.3 29.8 55.3
148 63.3 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.315 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:146 Resp: 121782
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 66.4 45.1 83.9

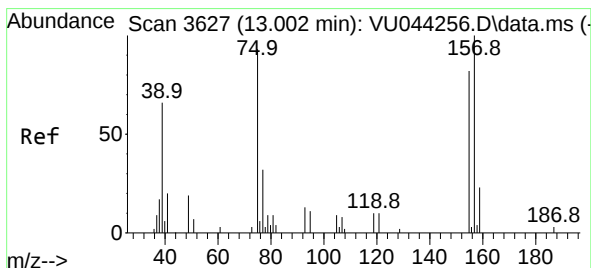
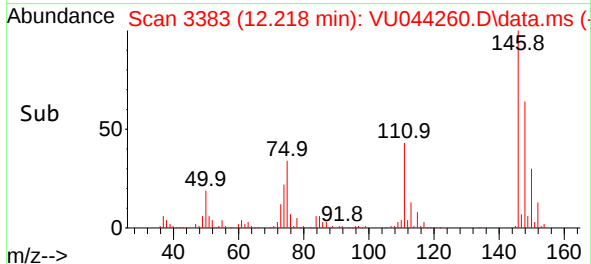
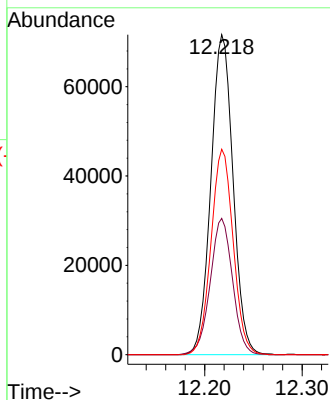
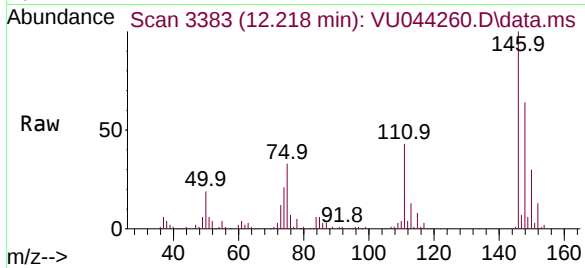




#67
1,2-Dichlorobenzene
Concen: 5.292 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

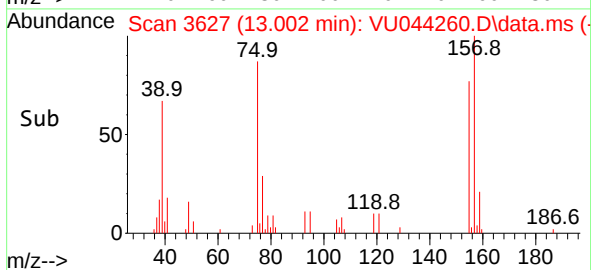
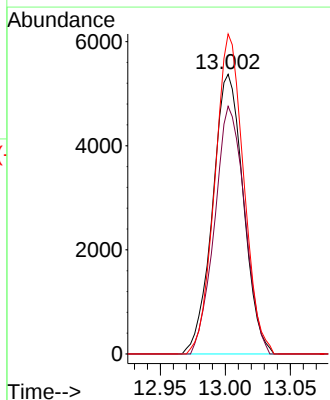
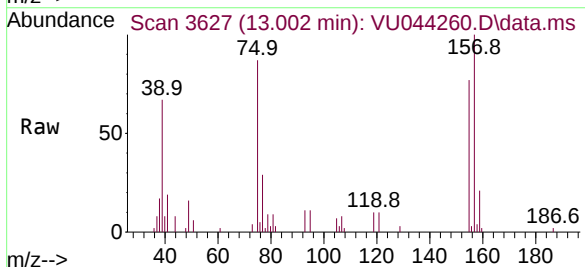
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

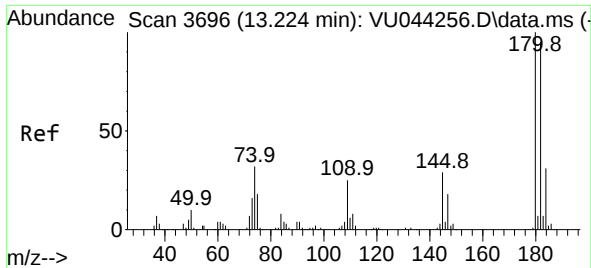
Tgt Ion:146 Resp: 113100
Ion Ratio Lower Upper
146 100
111 42.6 35.0 52.6
148 64.2 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.524 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion: 75 Resp: 8832
Ion Ratio Lower Upper
75 100
155 88.5 59.9 89.9
157 114.4 79.3 118.9

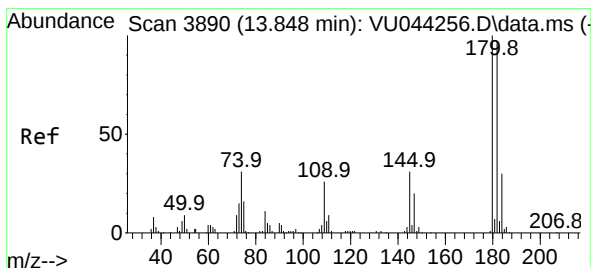
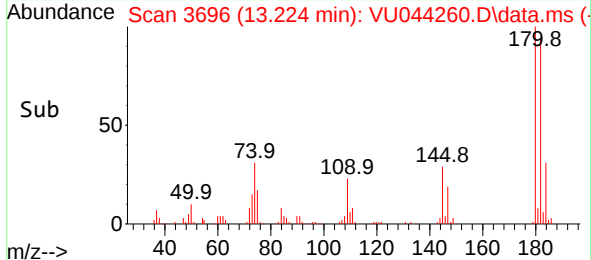
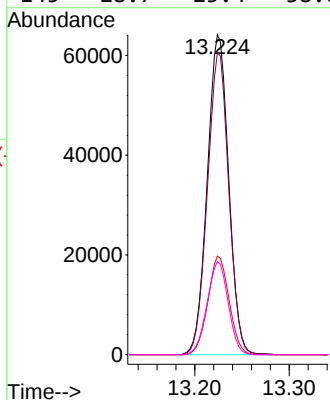
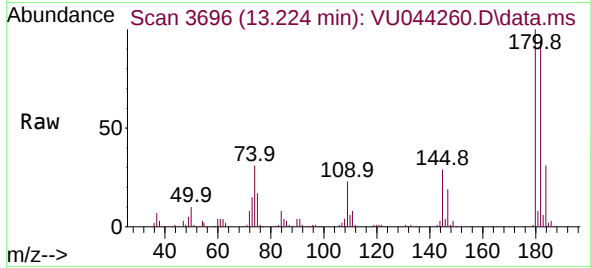




#69
1,3,5-Trichlorobenzene
Concen: 5.820 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

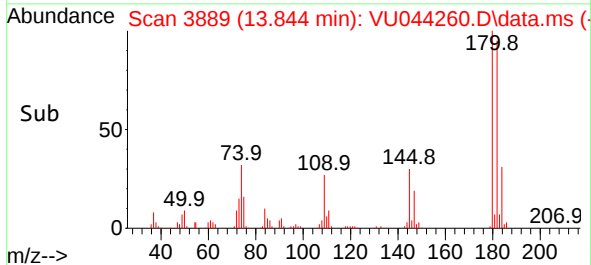
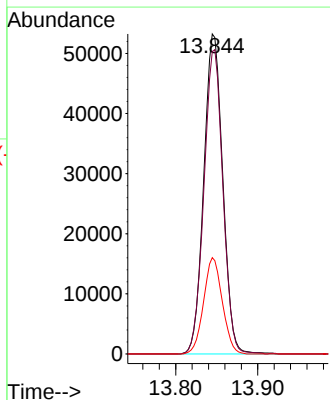
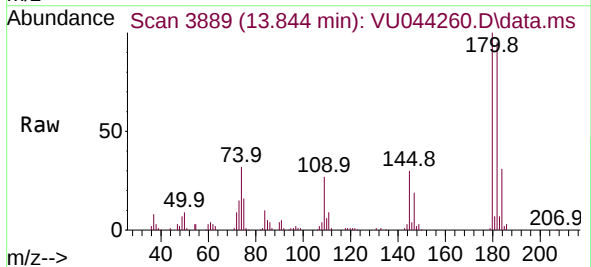
Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

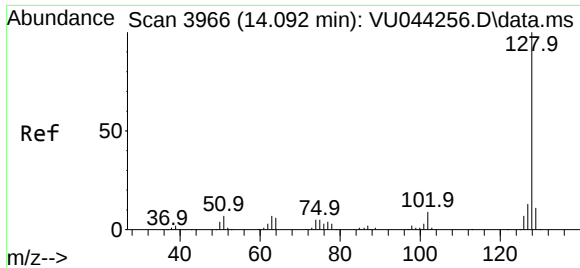
Tgt Ion:	180	Resp:	100782
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.8	113.6
184	30.5	23.8	35.8
145	28.7	25.4	38.0



#70
1,2,4-trichlorobenzene
Concen: 5.832 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:	180	Resp:	85532
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.7	113.5
145	29.6	25.6	38.4

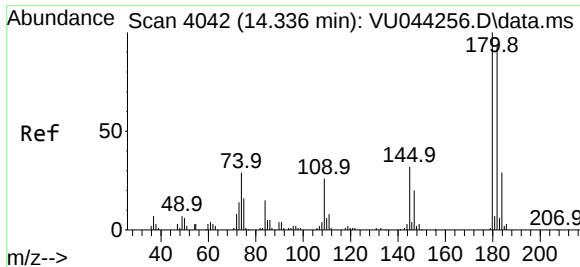
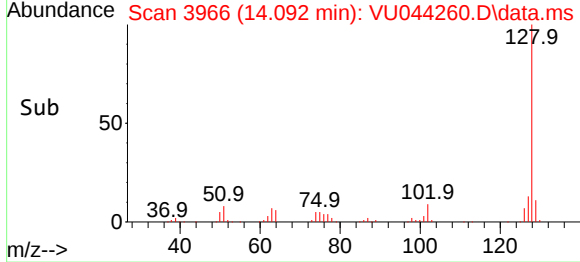
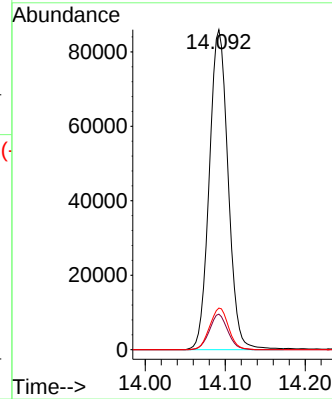
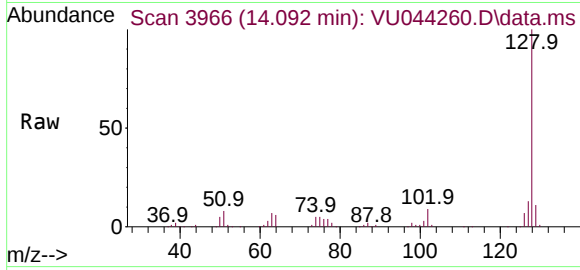




#71
Naphthalene
Concen: 5.312 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Instrument :
MSVOA_U
ClientSampleId :
DBK22MSD

Tgt Ion:	128	Resp:	141034
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.9	13.3
127	13.1	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.807 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044260.D
Acq: 30 Jun 2021 14:22

Tgt Ion:	180	Resp:	73558
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.4	114.6
145	31.9	26.5	39.7

