

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061521\
 Data File : VU044219.D
 Acq On : 15 Jun 2021 11:46
 Operator : SY/MD
 Sample : VU0615WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 13:05:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

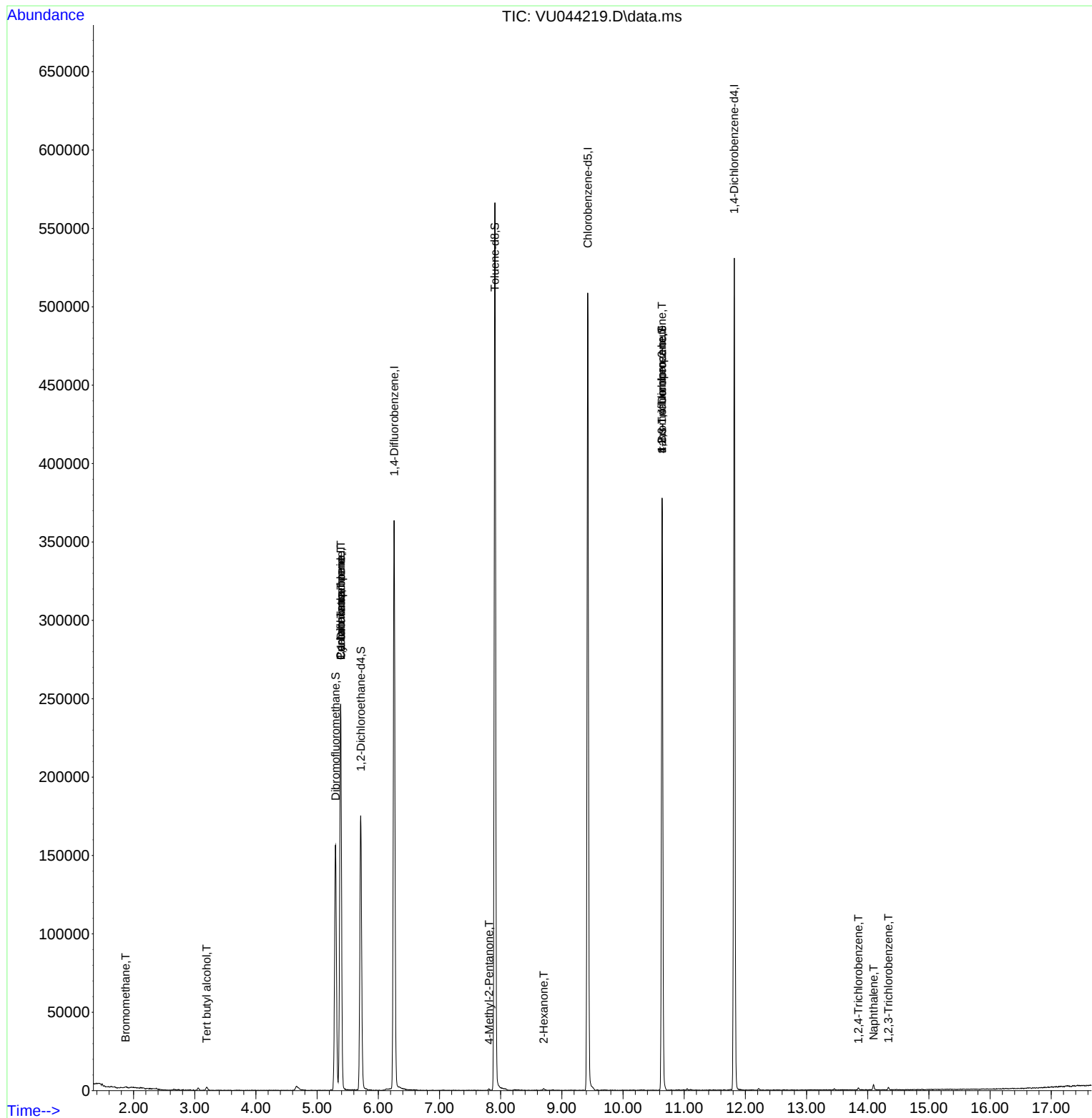
Internal Standards						
1) Pentafluorobenzene	5.385	168	165322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	288091	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	280238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	138561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	130631	49.688	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.380%	
35) Dibromofluoromethane	5.301	113	104088	51.939	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.880%	
50) Toluene-d8	7.906	98	371002	48.204	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.400%	
62) 4-Bromofluorobenzene	10.639	95	128011	41.503	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	270	Below Cal		91
5) Bromomethane	1.867	94	396	0.345 ug/l		91
6) Chloroethane	1.932	64	49	Below Cal	#	42
11) Tert butyl alcohol	3.195	59	1291	1.825 ug/l	#	73
16) Acetone	2.655	43	1165	Below Cal		97
20) Methylene Chloride	3.057	84	793	Below Cal		91
31) Cyclohexane	5.385	56	3378	0.910 ug/l	#	1
36) 1,1-Dichloropropene	5.385	75	14161	4.418 ug/l	#	51
38) Carbon Tetrachloride	5.385	117	16944	5.856 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.809	43	838	0.213 ug/l	#	78
59) 2-Hexanone	8.703	43	1078	0.343 ug/l		84
76) 1,2,3-Trichloropropane	10.639	75	64253	13.831 ug/l	#	47
81) trans-1,4-Dichloro-2-b...	10.639	75	64253	50.136 ug/l	#	13
93) 1,2,4-Trichlorobenzene	13.844	180	691	0.238 ug/l	#	91
95) Naphthalene	14.095	128	3515	3.176 ug/l	#	94
96) 1,2,3-Trichlorobenzene	14.340	180	787	0.280 ug/l		93

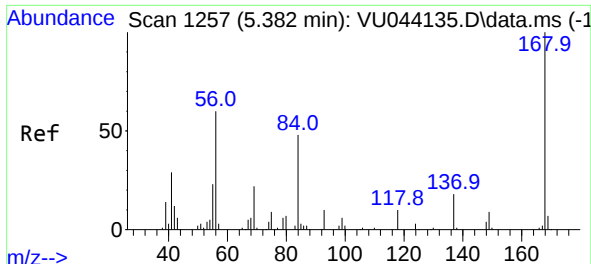
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
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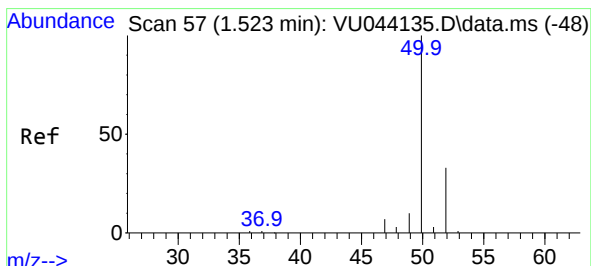
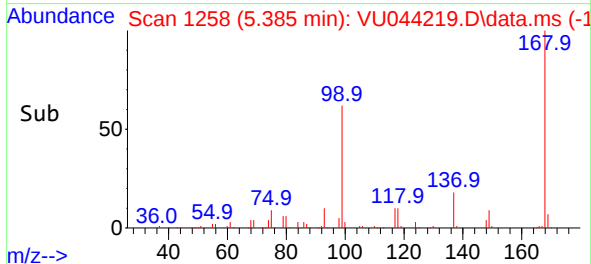
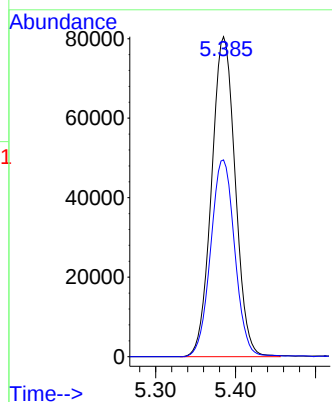
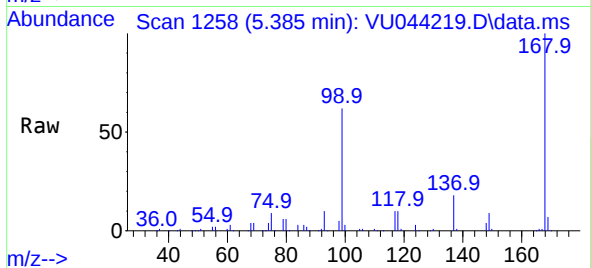




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

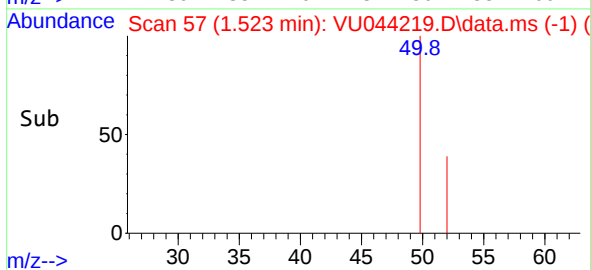
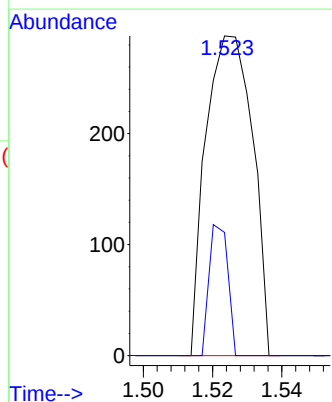
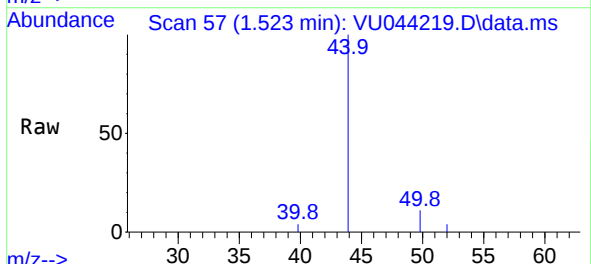
Instrument :
MSVOA_U
ClientSampleId :

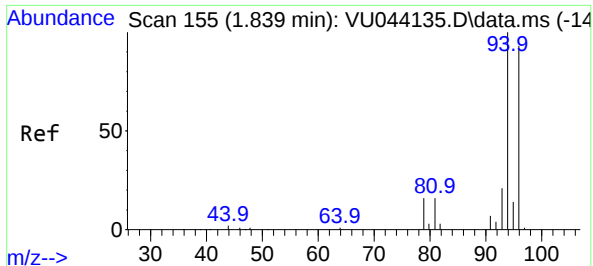
Tgt Ion:168 Resp: 165322
Ion Ratio Lower Upper
168 100
99 61.5 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 38.5 26.6 39.8

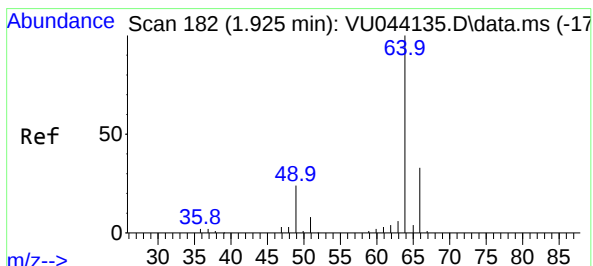
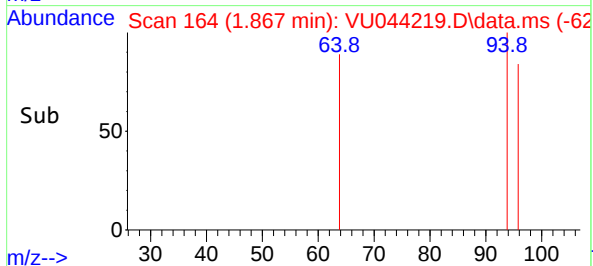
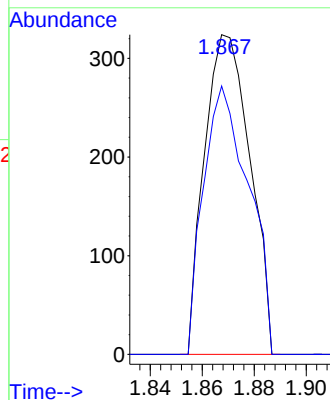
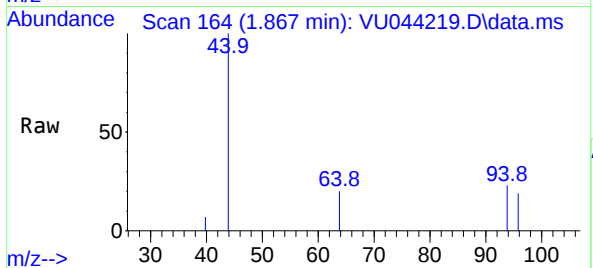




#5
Bromomethane
Concen: 0.345 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.028 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

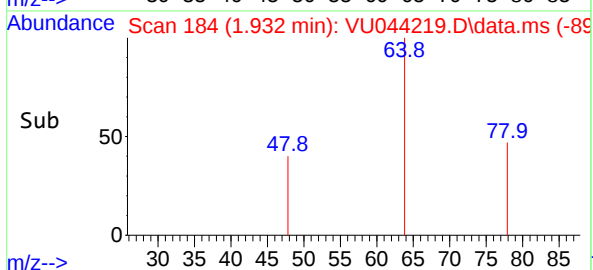
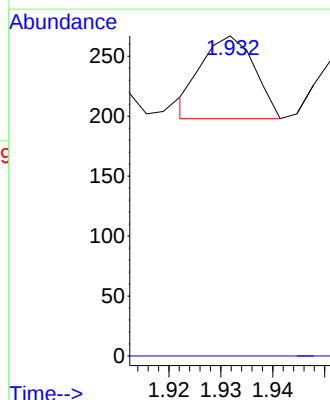
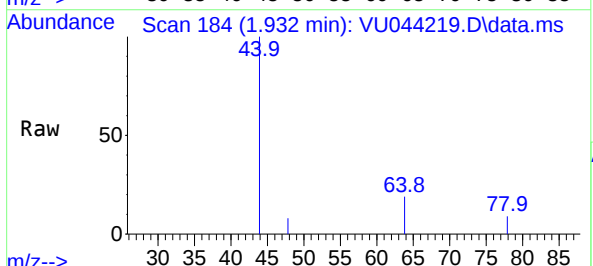
Instrument :
MSVOA_U
ClientSampleId :

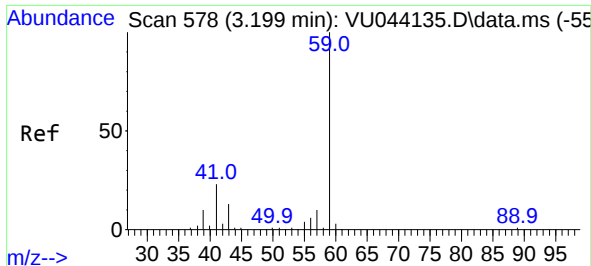
Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 84.0 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.932 min Scan# 184
Delta R.T. 0.007 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

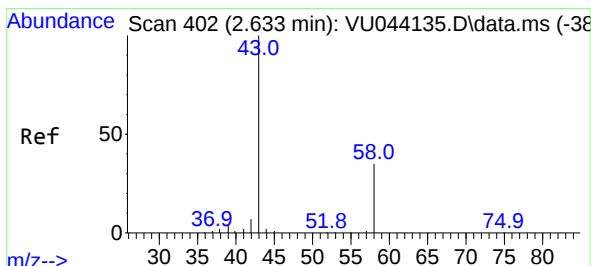
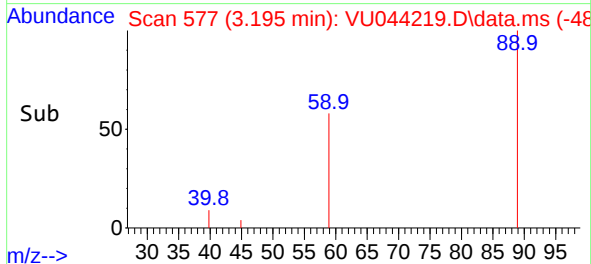
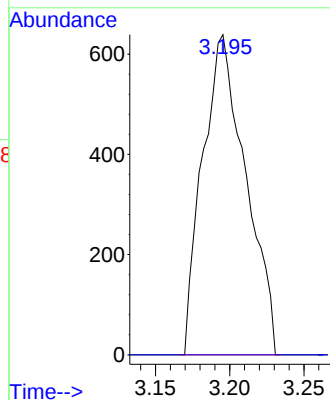
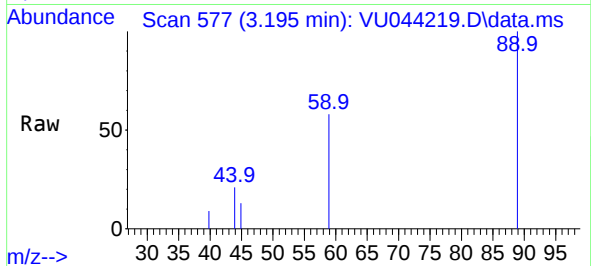




#11
Tert butyl alcohol
Concen: 1.825 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.004 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

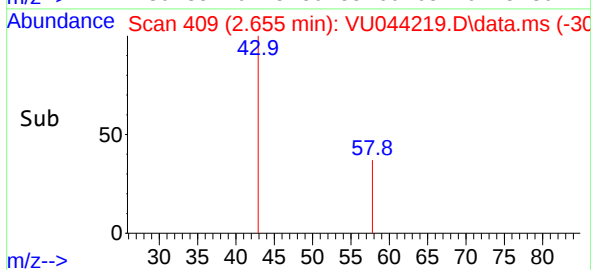
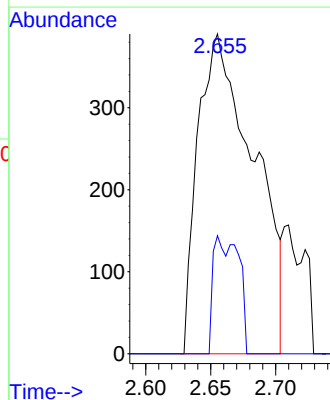
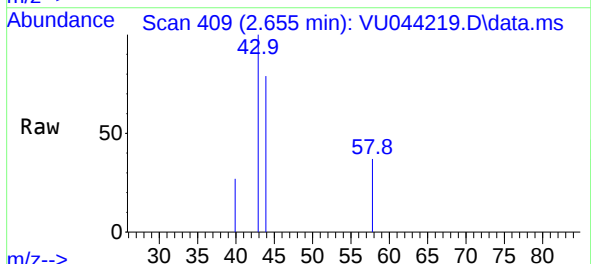
Instrument :
MSVOA_U
ClientSampleId :

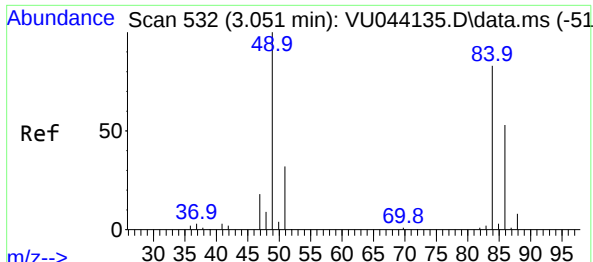
Tgt Ion: 59 Resp: 1291
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: Below Cal
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0



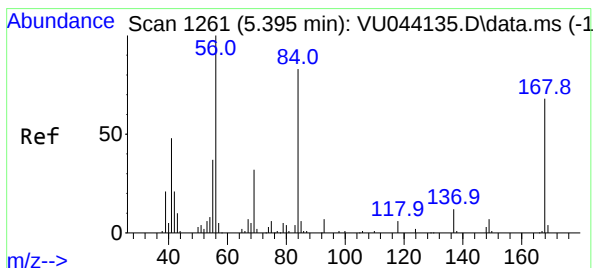
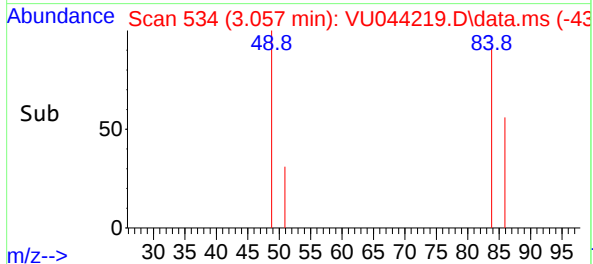
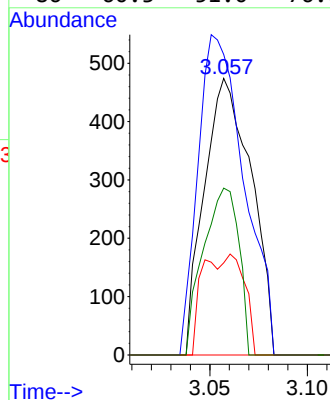
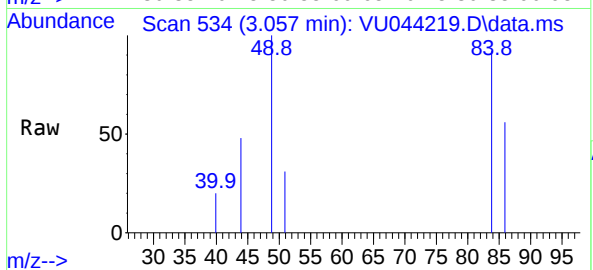


#20
Methylene Chloride
Concen: Below Cal
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 793

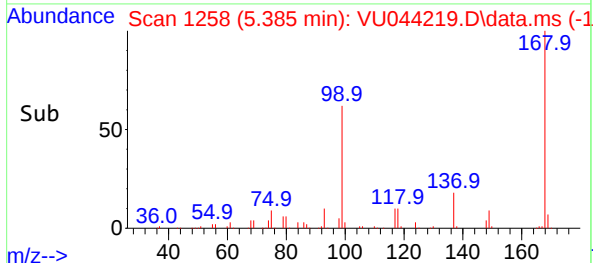
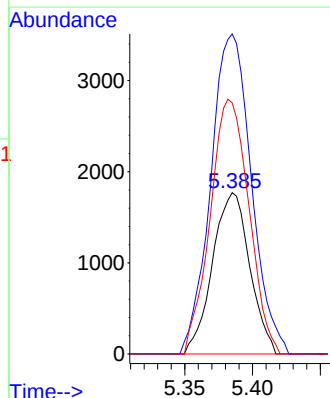
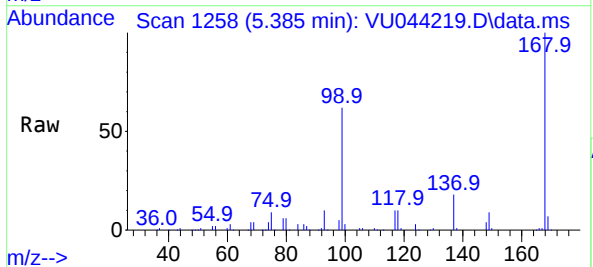
Ion	Ratio	Lower	Upper
84	100		
49	108.6	96.9	145.3
51	33.3	31.0	46.6
86	60.3	51.0	76.6

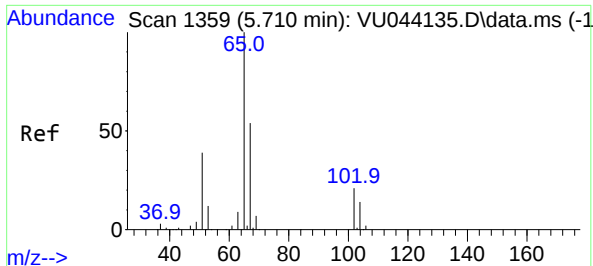


#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 56 Resp: 3378

Ion	Ratio	Lower	Upper
56	100		
69	198.5	25.5	38.3#
84	155.7	66.3	99.5#



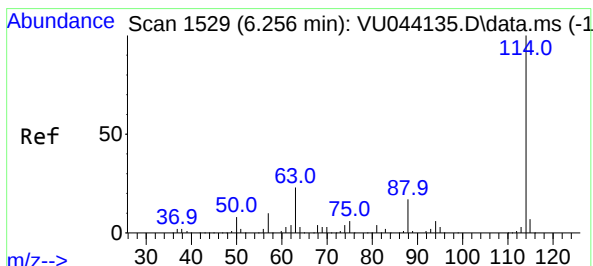
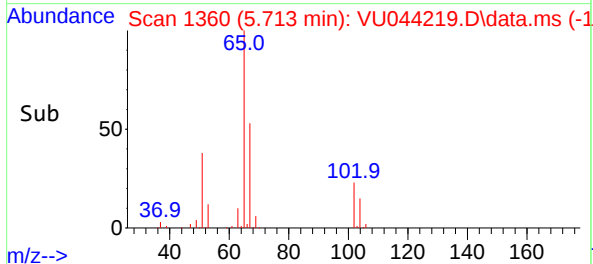
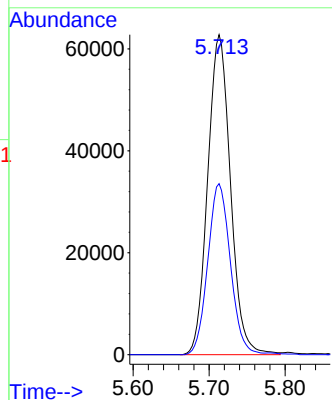
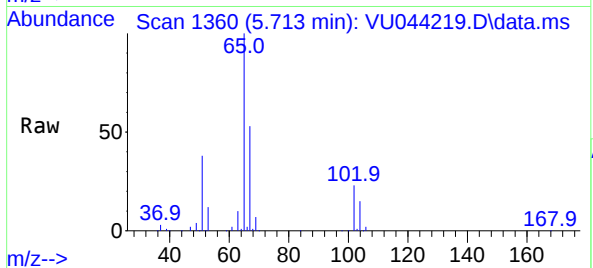


#33

1,2-Dichloroethane-d4
Concen: 49.688 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 65 Resp: 130631
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

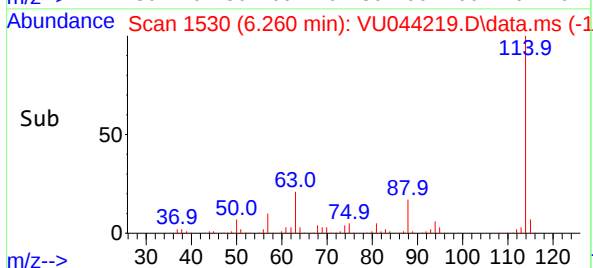
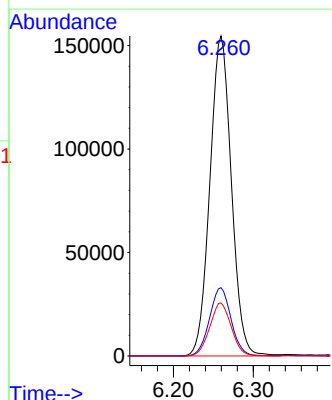
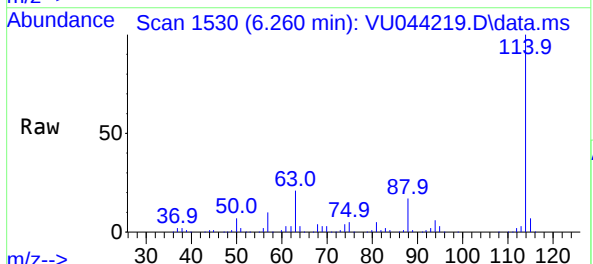
Instrument :
MSVOA_U
ClientSampleId :

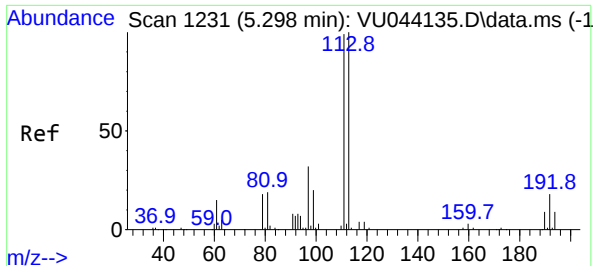


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.004 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 114 Resp: 288091
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.8
88 16.6 0.0 34.0



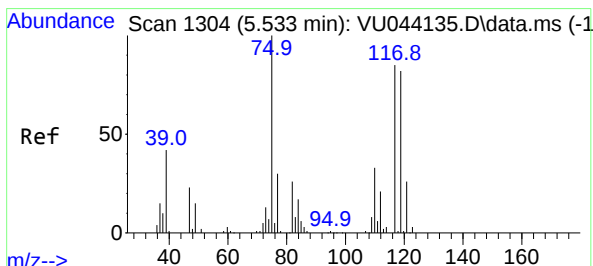
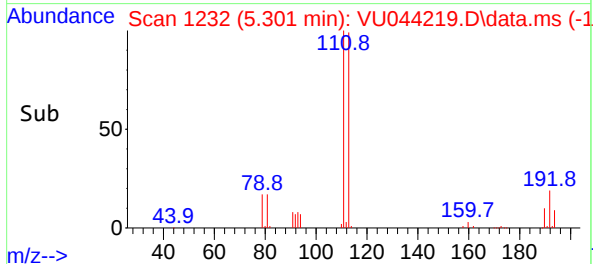
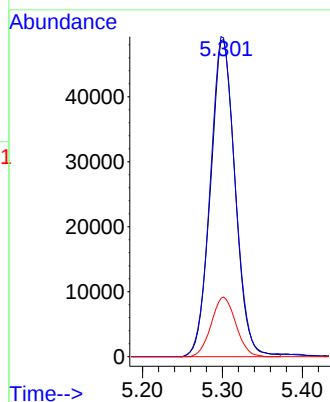
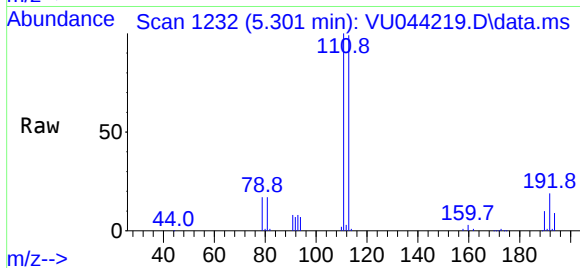


#35

Dibromofluoromethane
 Concen: 51.939 ug/l
 RT: 5.301 min Scan# 1232
 Delta R.T. 0.003 min
 Lab File: VU044219.D
 Acq: 15 Jun 2021 11:46

Instrument :
 MSVOA_U
 ClientSampleId :

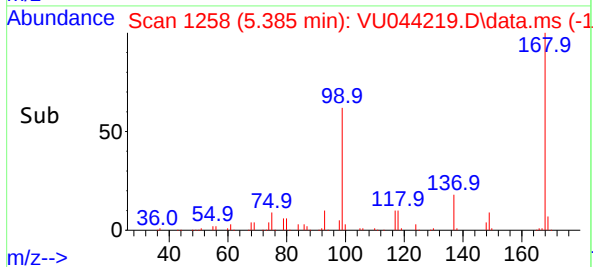
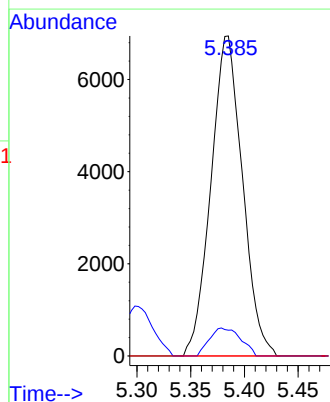
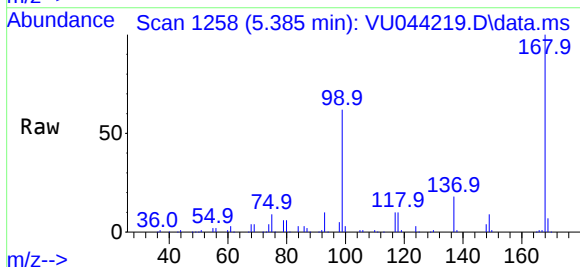
Tgt Ion:113 Resp: 104088
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.4
 192 18.8 14.3 21.5

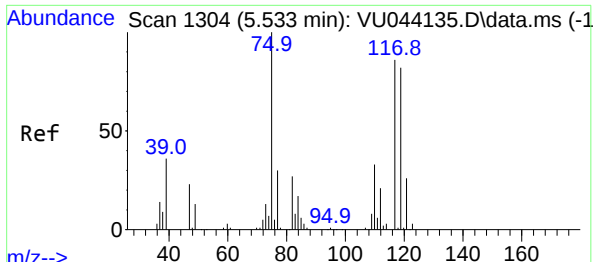


#36

1,1-Dichloropropene
 Concen: 4.418 ug/l
 RT: 5.385 min Scan# 1258
 Delta R.T. -0.148 min
 Lab File: VU044219.D
 Acq: 15 Jun 2021 11:46

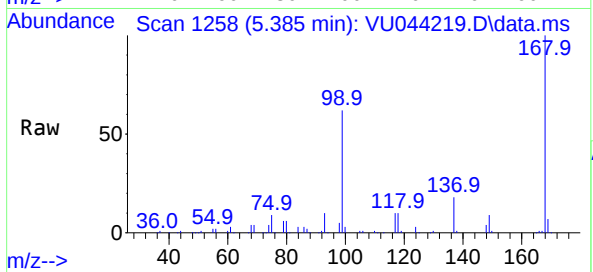
Tgt Ion: 75 Resp: 14161
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.4 49.4#
 77 0.0 24.7 37.1#



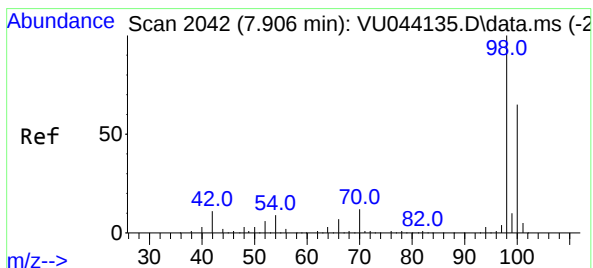
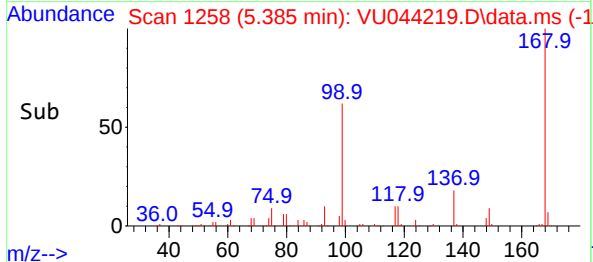
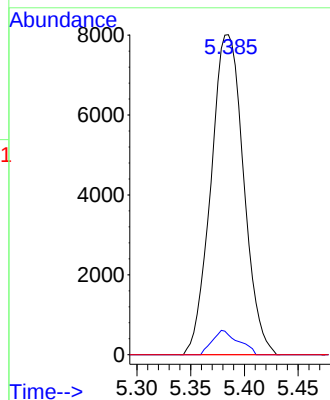


#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Instrument :
MSVOA_U
ClientSampled :

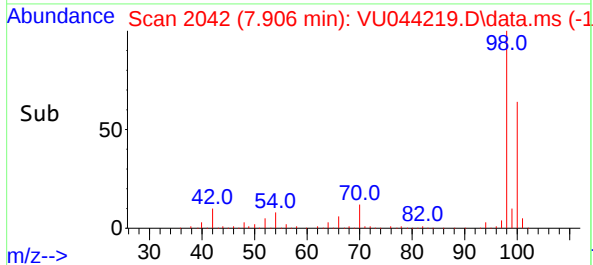
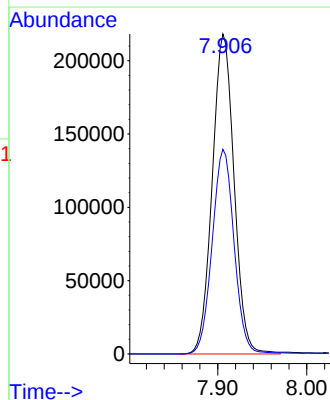
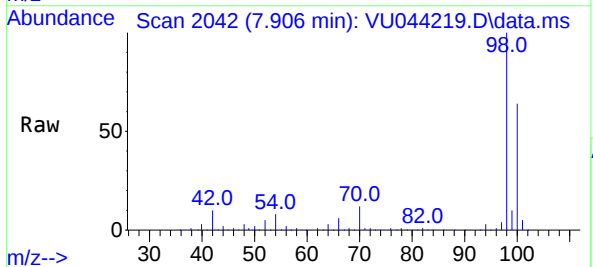


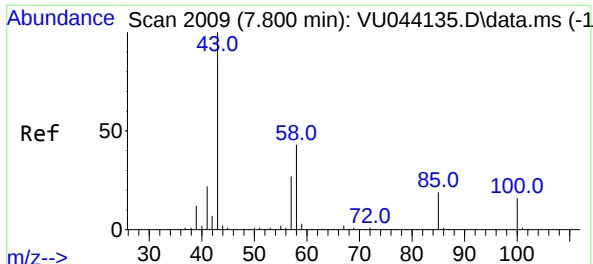
Tgt Ion:117 Resp: 16944
Ion Ratio Lower Upper
117 100
119 6.2 76.6 114.8#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 48.204 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 98 Resp: 371002
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4

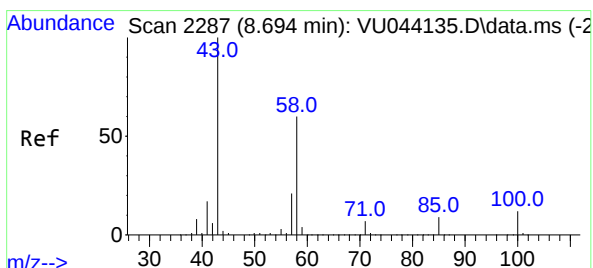
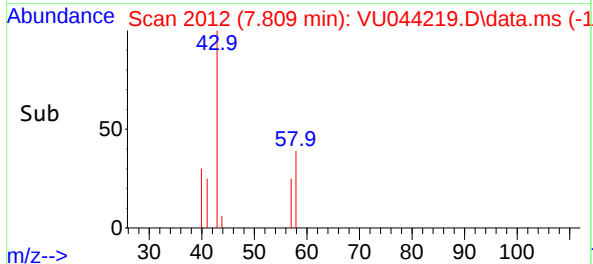
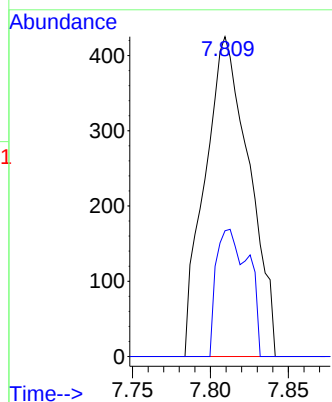
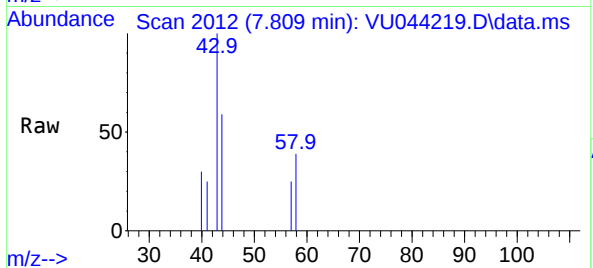




#51
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. 0.009 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

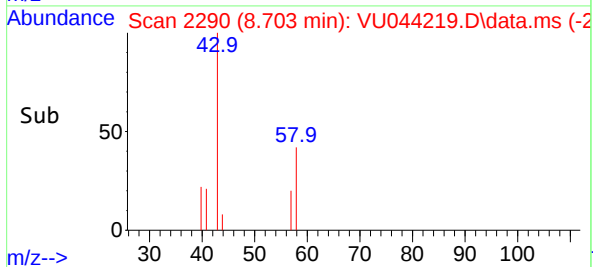
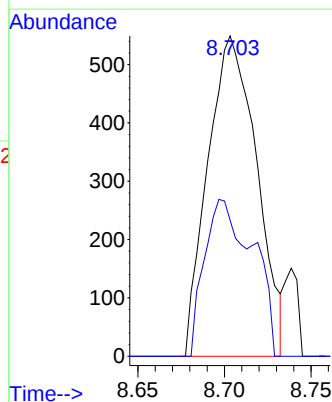
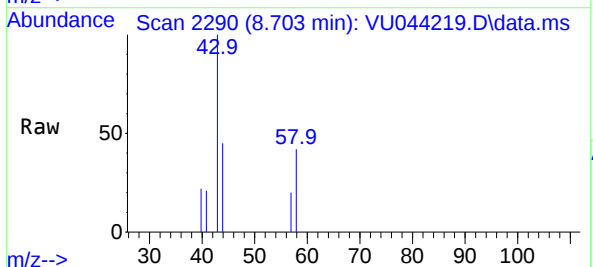
Instrument :
MSVOA_U
ClientSampleId :

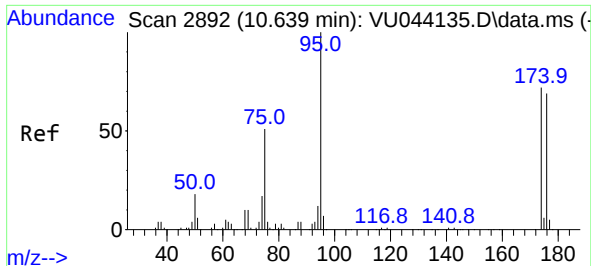
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 28.8 34.5 51.7#



#59
2-Hexanone
Concen: 0.343 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.009 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 48.3 30.0 90.1

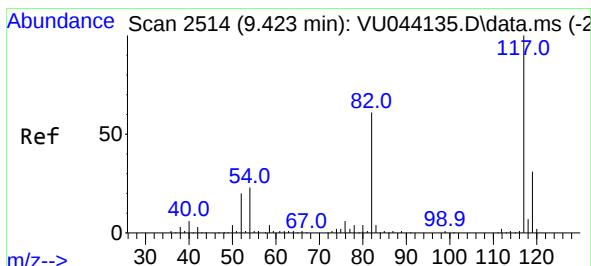
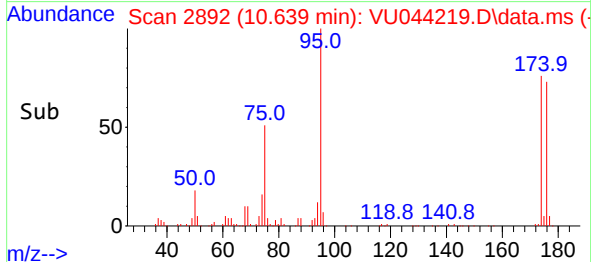
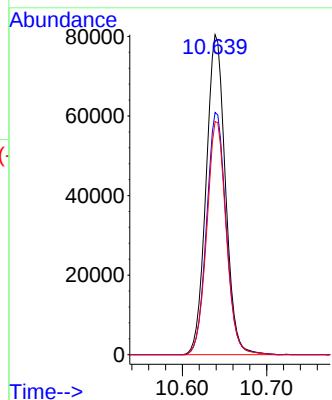
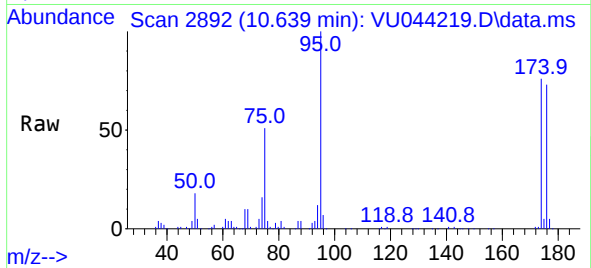




#62
4-Bromofluorobenzene
Concen: 41.503 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

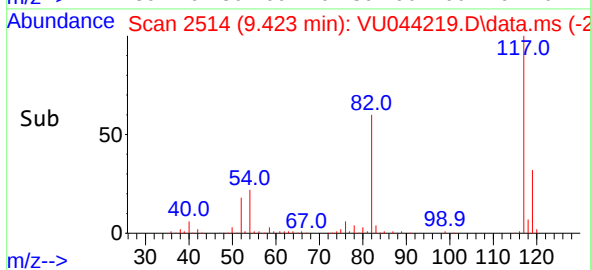
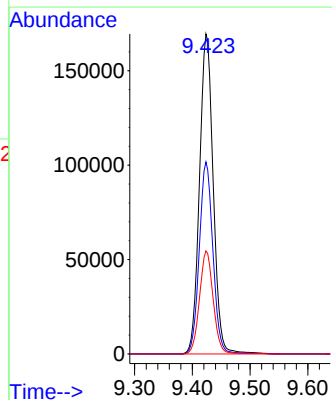
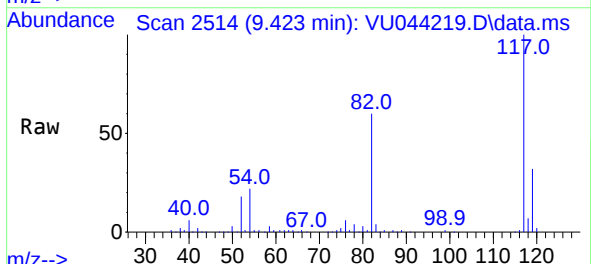
Instrument :
MSVOA_U
ClientSampleId :

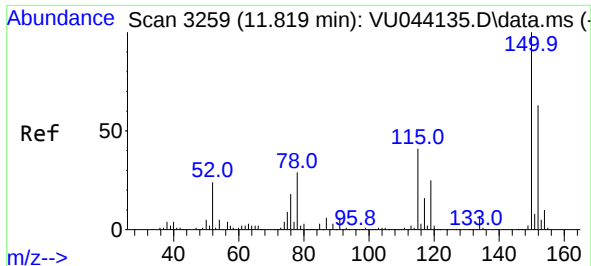
Tgt Ion: 95 Resp: 128011
Ion Ratio Lower Upper
95 100
174 76.9 0.0 144.4
176 73.3 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 117 Resp: 280238
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 32.2 25.0 37.6

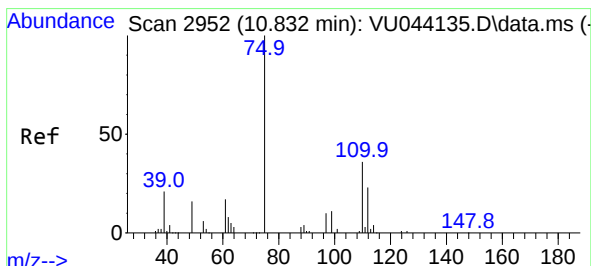
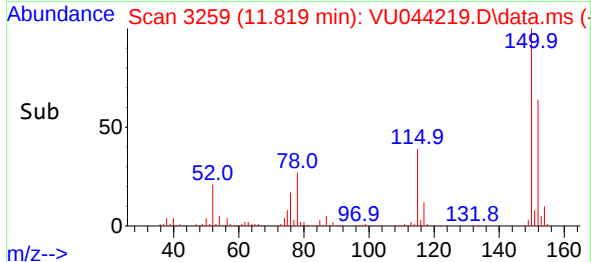
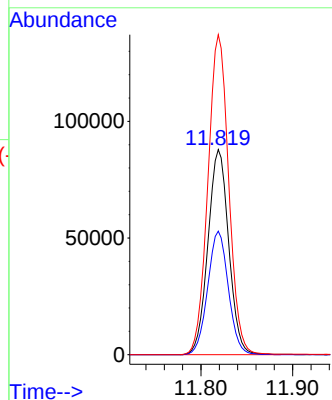
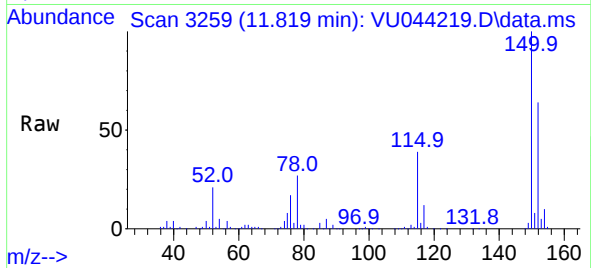




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

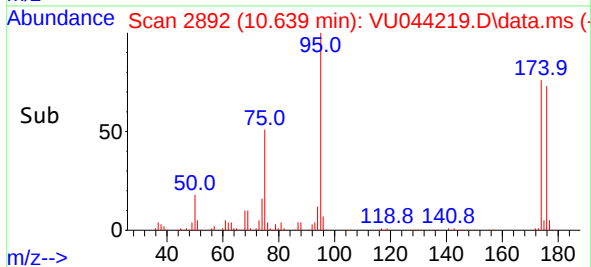
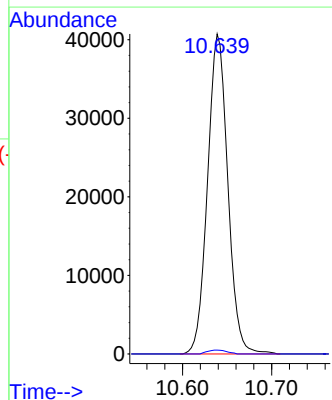
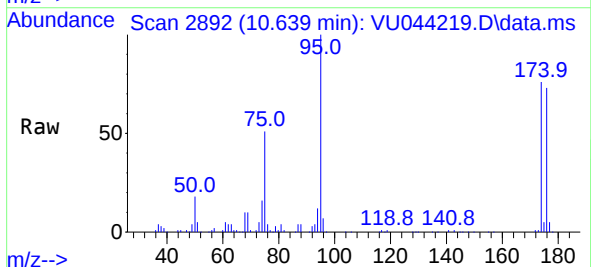
Instrument :
MSVOA_U
ClientSampled :

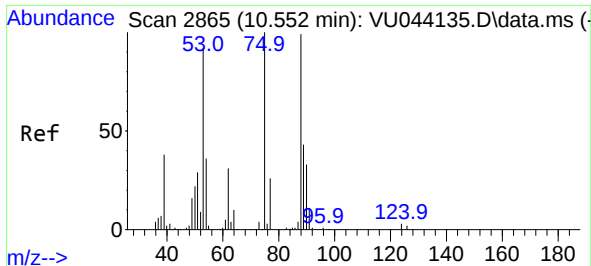
Tgt Ion:152 Resp: 138561
Ion Ratio Lower Upper
152 100
115 59.9 43.8 131.3
150 156.1 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 13.831 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion: 75 Resp: 64253
Ion Ratio Lower Upper
75 100
77 1.2 14.9 44.5#

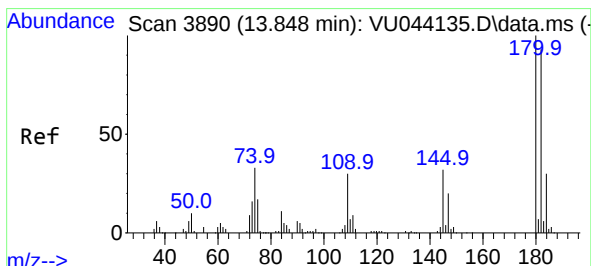
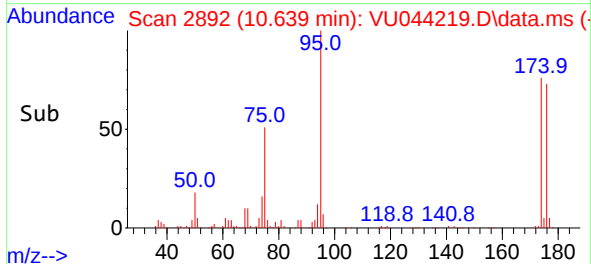
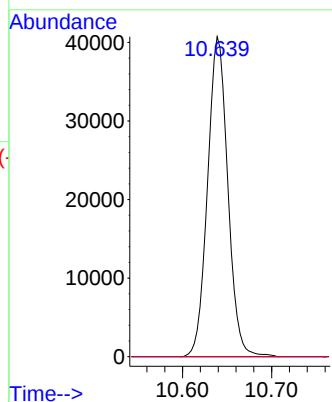
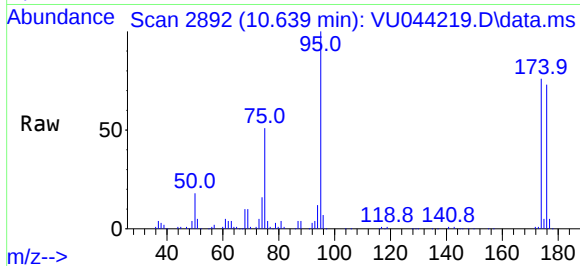




#81
trans-1,4-Dichloro-2-butene
Concen: 50.136 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

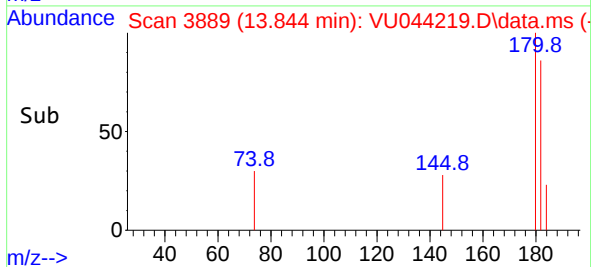
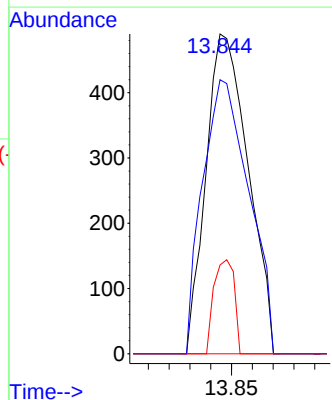
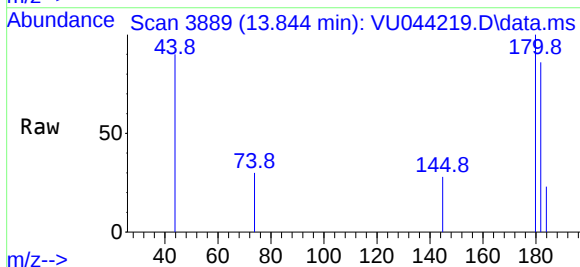
Instrument :
MSVOA_U
ClientSampleId :

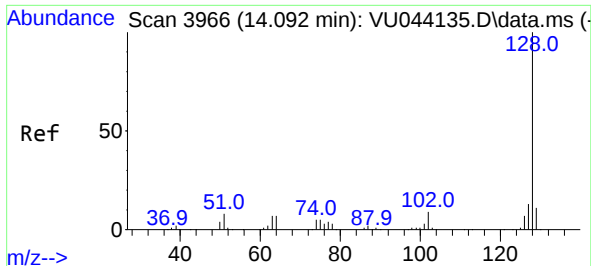
Tgt Ion: 75 Resp: 64253
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.238 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.004 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion:180 Resp: 691
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.8
145 14.2 16.1 48.2#

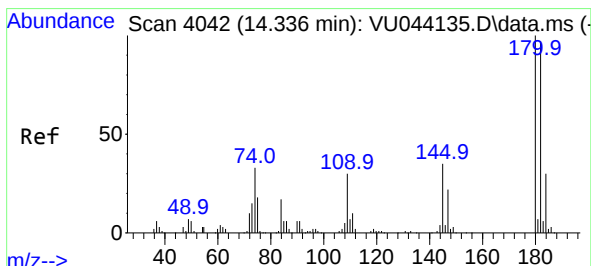
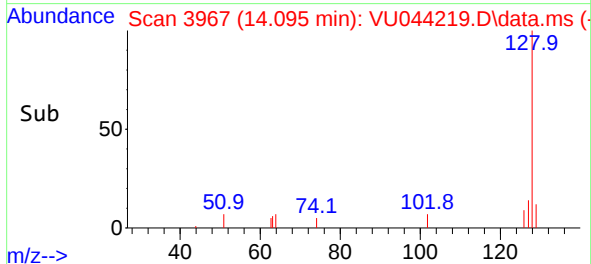
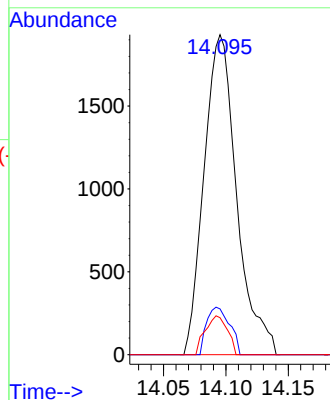
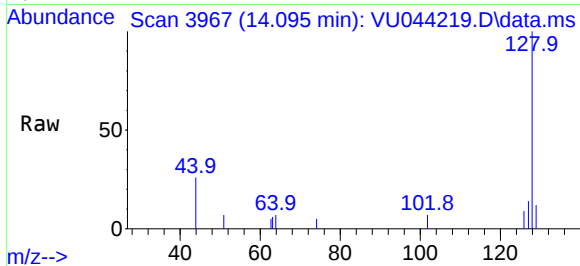




#95
Naphthalene
Concen: 3.176 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 3515
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.2
129 8.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.280 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.004 min
Lab File: VU044219.D
Acq: 15 Jun 2021 11:46

Tgt Ion:180 Resp: 787
Ion Ratio Lower Upper
180 100
182 93.8 47.9 143.7
145 23.4 17.2 51.6

