

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045558.D
 Acq On : 05 Nov 2021 15:05
 Operator : SY/MD
 Sample : M4530-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SW-P287

Quant Time: Nov 05 16:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

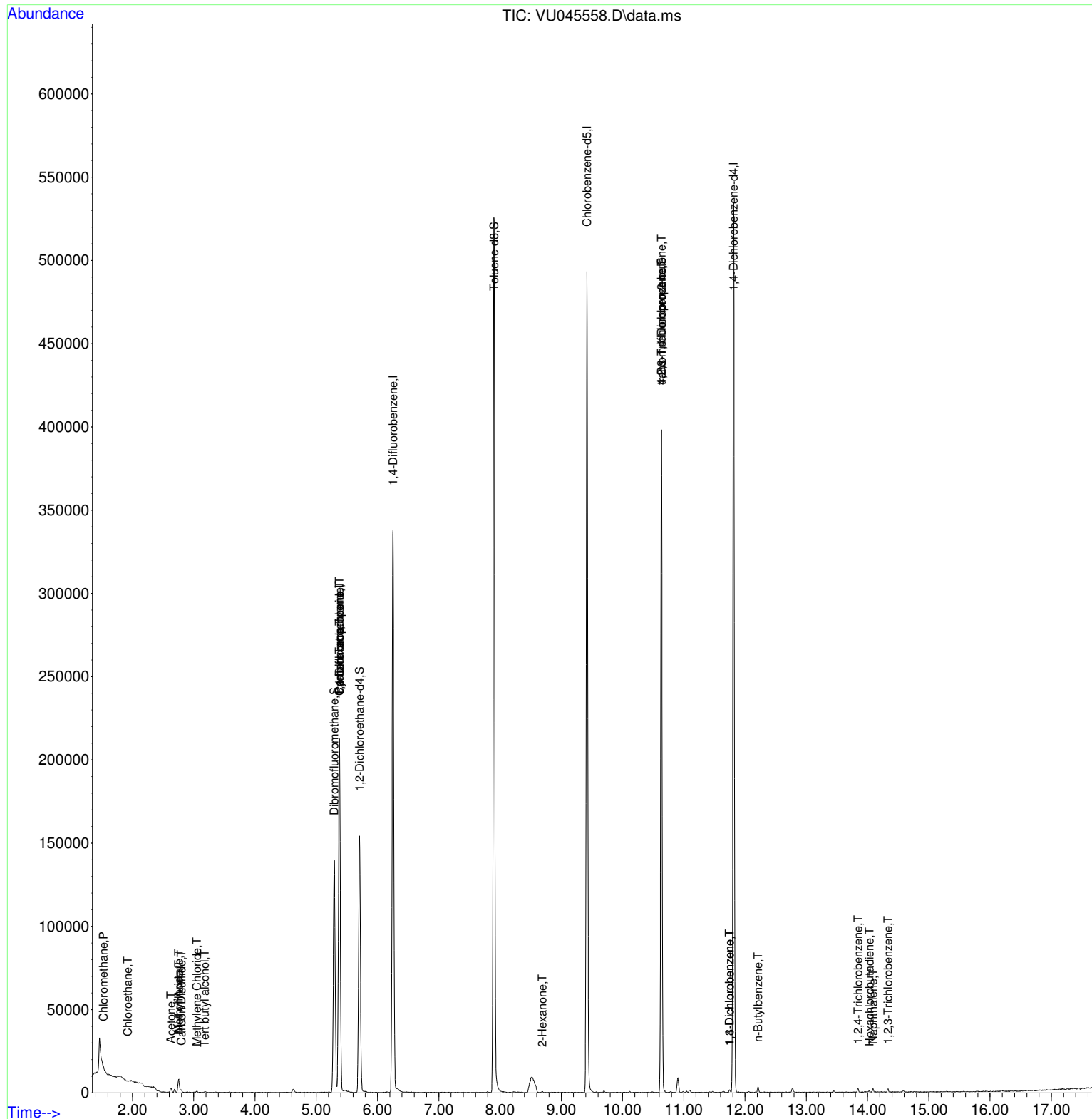
Internal Standards						
1) Pentafluorobenzene	5.379	168	139342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	265202	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	131411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	116290	55.73	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.46%			
35) Dibromofluoromethane	5.292	113	89857	50.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.50%			
50) Toluene-d8	7.903	98	347599	52.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.58%			
62) 4-Bromofluorobenzene	10.636	95	133112	50.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.84%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	613	0.30	ug/l #	41
6) Chloroethane	1.919	64	472	0.36	ug/l #	67
11) Tert butyl alcohol	3.179	59	247	0.60	ug/l #	72
14) Allyl chloride	2.755	41	839	0.31	ug/l #	63
16) Acetone	2.626	43	3113	2.93	ug/l	91
17) Carbon Disulfide	2.797	76	1472	0.34	ug/l #	92
18) Methyl Acetate	2.752	43	2036	0.56	ug/l #	50
20) Methylene Chloride	3.051	84	411	0.22	ug/l #	76
31) Cyclohexane	5.375	56	3540	1.16	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12682	4.90	ug/l #	49
38) Carbon Tetrachloride	5.375	117	14859	5.70	ug/l #	15
59) 2-Hexanone	8.690	43	626	7.77	ug/l #	59
76) 1,2,3-Trichloropropane	10.636	75	69238	17.37	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	69238	56.50	ug/l #	12
87) 1,3-Dichlorobenzene	11.745	146	910	0.22	ug/l	82
88) 1,4-Dichlorobenzene	11.745	146	910	0.21	ug/l	82
89) n-Butylbenzene	12.211	91	1698	0.22	ug/l	92
93) 1,2,4-Trichlorobenzene	13.841	180	1095	0.39	ug/l	87
94) Hexachlorobutadiene	14.028	225	249	0.20	ug/l	86
95) Naphthalene	14.089	128	2088	1.22	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.333	180	708	0.25	ug/l	91

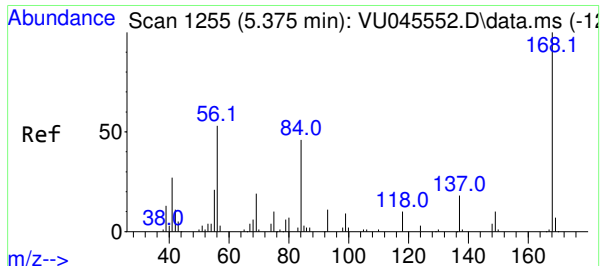
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

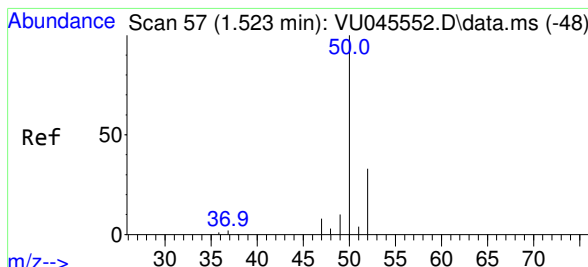
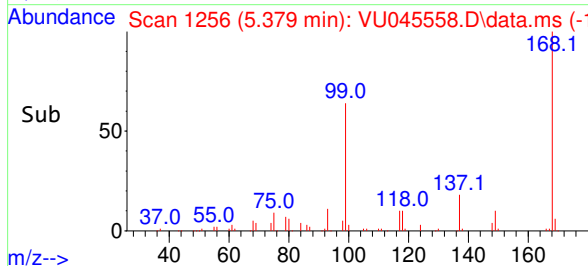
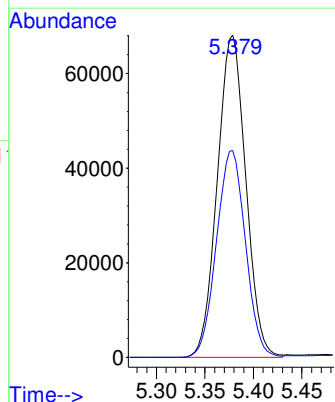
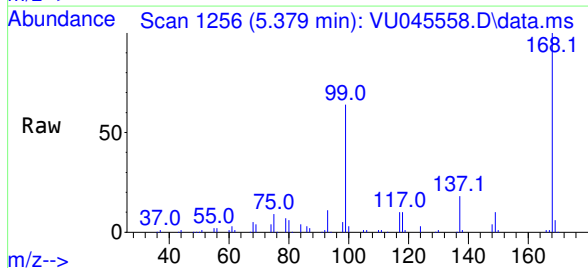




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

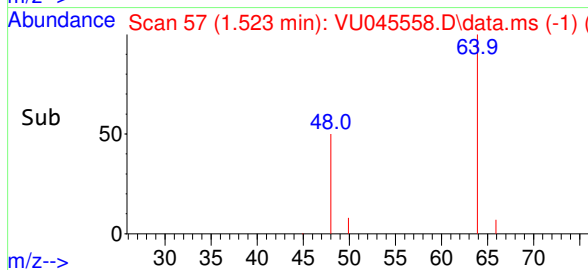
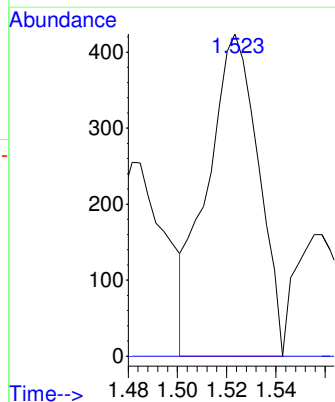
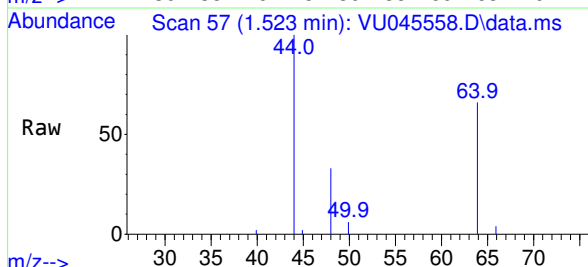
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

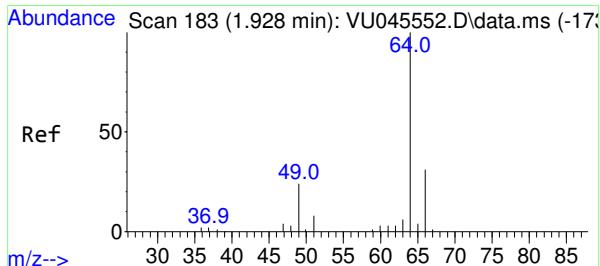
Tgt Ion:168 Resp: 139342
Ion Ratio Lower Upper
168 100
99 64.2 51.0 76.6



#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

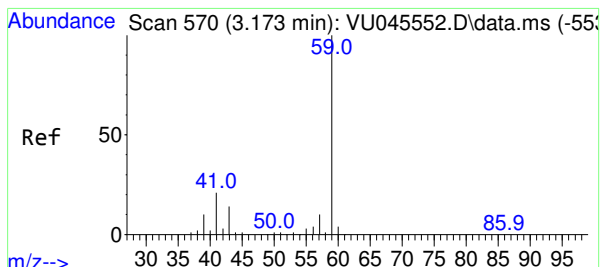
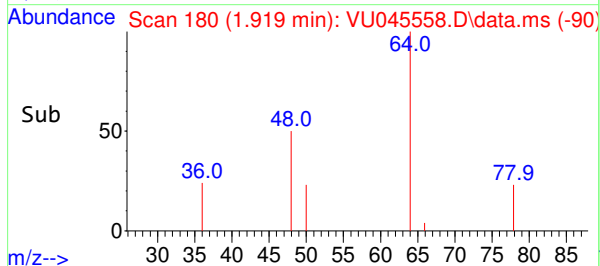
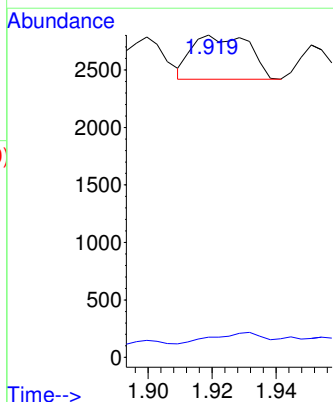
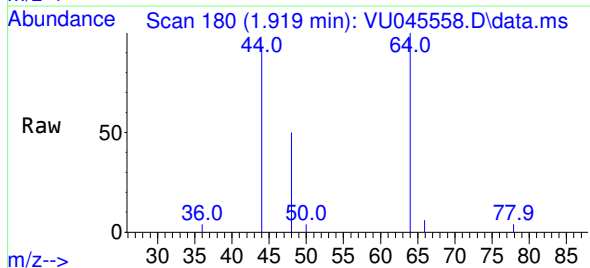




#6
Chloroethane
Concen: 0.36 ug/l
RT: 1.919 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

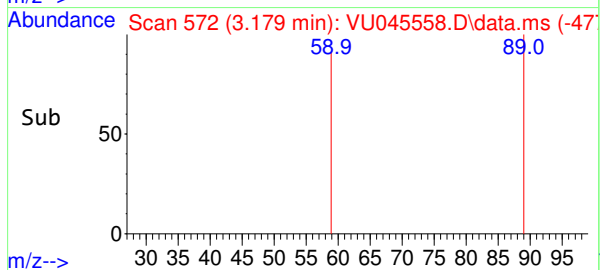
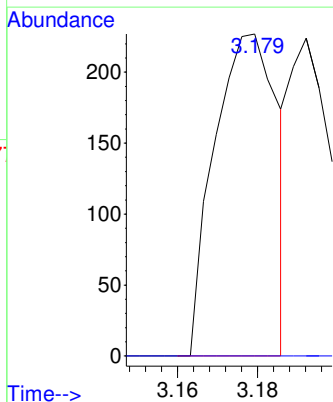
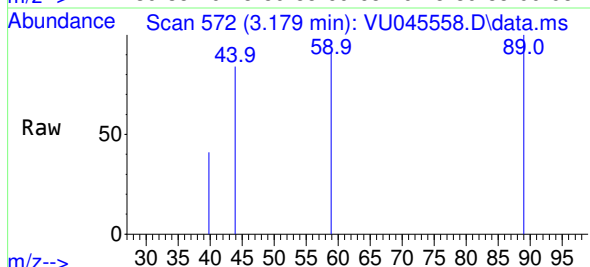
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

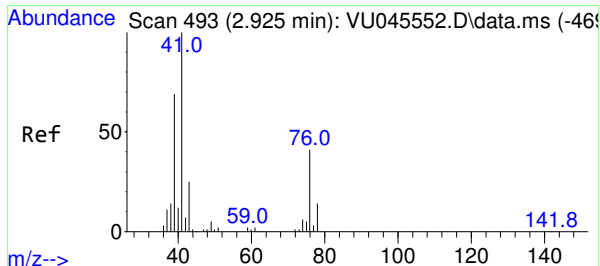
Tgt Ion: 64 Resp: 472
Ion Ratio Lower Upper
64 100
66 14.8 26.7 40.1#



#11
Tert butyl alcohol
Concen: 0.60 ug/l
RT: 3.179 min Scan# 572
Delta R.T. 0.006 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

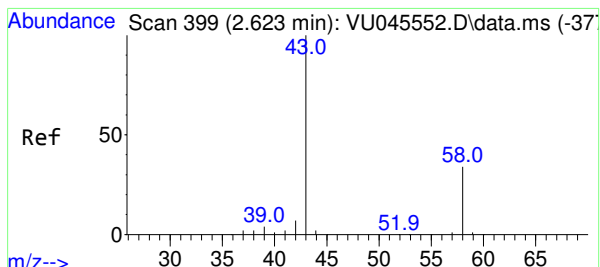
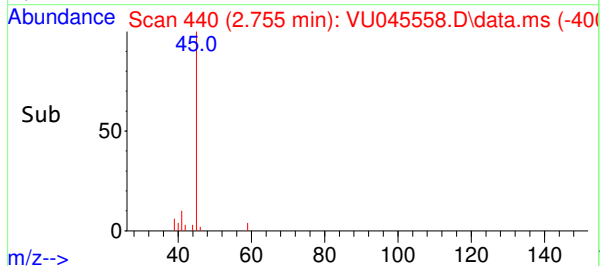
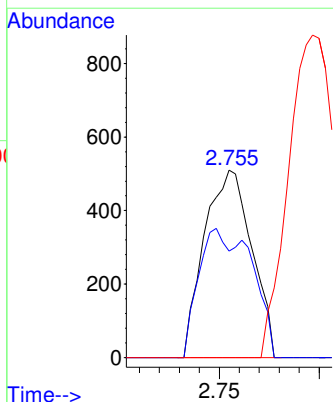
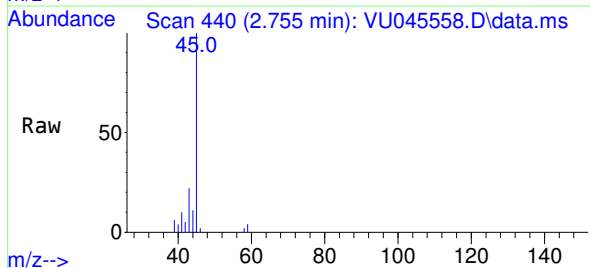




#14
 Allyl chloride
 Concen: 0.31 ug/l
 RT: 2.755 min Scan# 41
 Delta R.T. -0.170 min
 Lab File: VU045558.D
 Acq: 05 Nov 2021 15:05

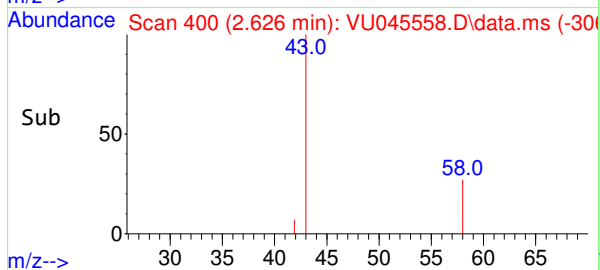
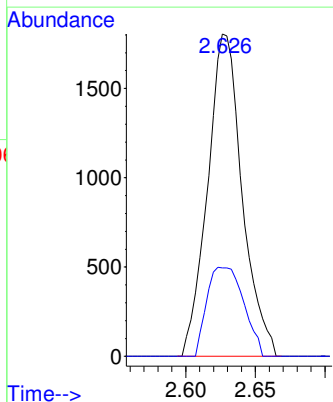
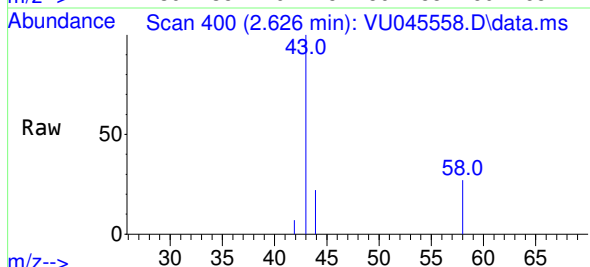
Instrument :
 MSVOA_U
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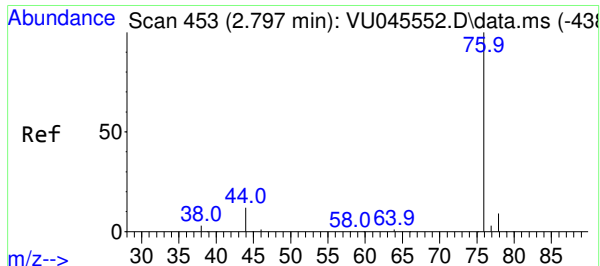
Tgt Ion:	41	Resp:	839
Ion	Ratio	Lower	Upper
41	100		
39	43.9	49.7	74.5#
76	0.0	27.7	41.5#



#16
 Acetone
 Concen: 2.93 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU045558.D
 Acq: 05 Nov 2021 15:05

Tgt Ion:	43	Resp:	3113
Ion	Ratio	Lower	Upper
43	100		
58	27.4	26.2	39.2

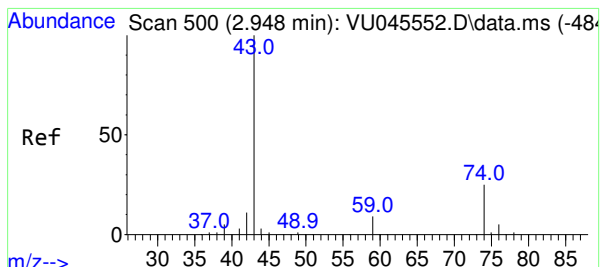
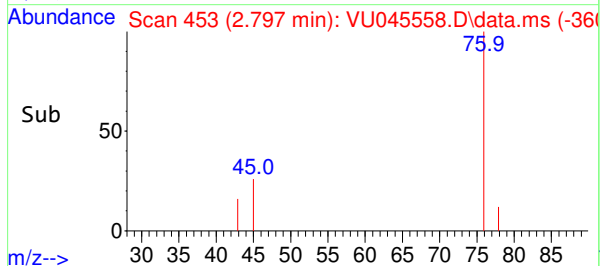
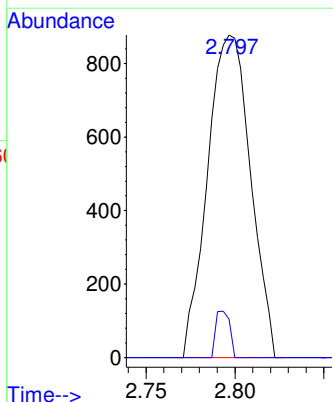
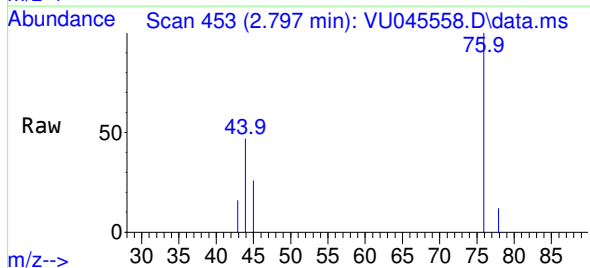




#17
Carbon Disulfide
Concen: 0.34 ug/l
RT: 2.797 min Scan# 439
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

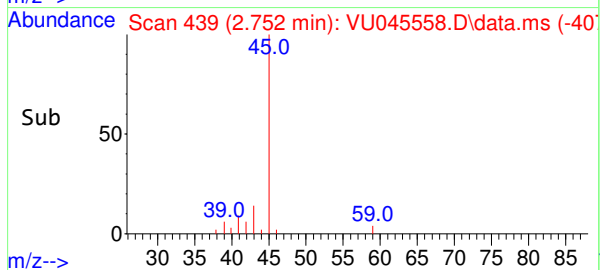
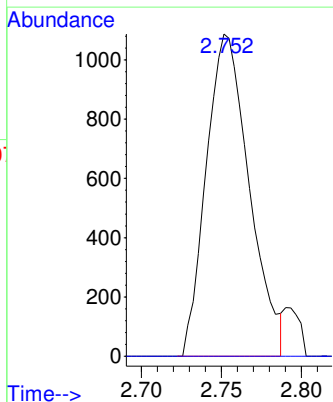
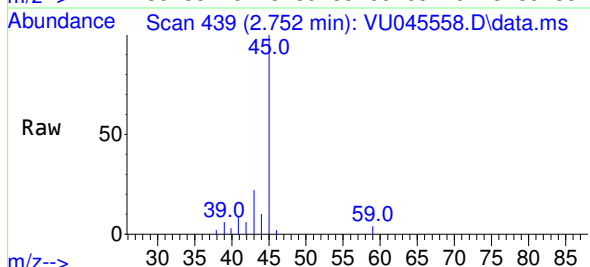
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

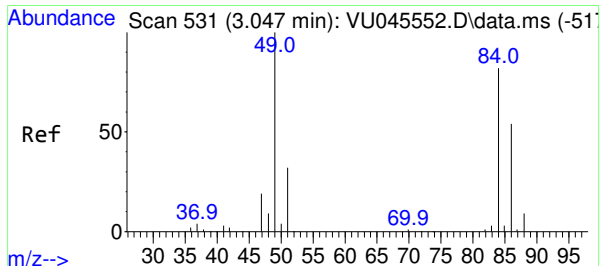
Tgt Ion: 76 Resp: 1472
Ion Ratio Lower Upper
76 100
78 11.8 7.3 10.9#



#18
Methyl Acetate
Concen: 0.56 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.196 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



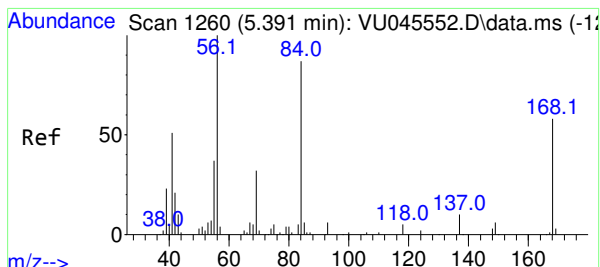
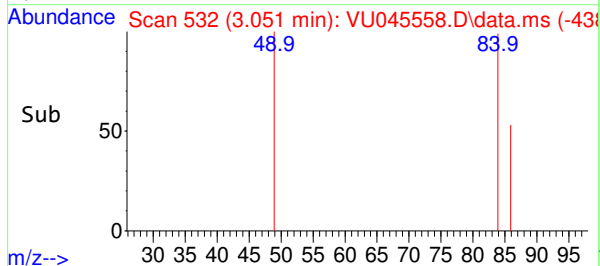
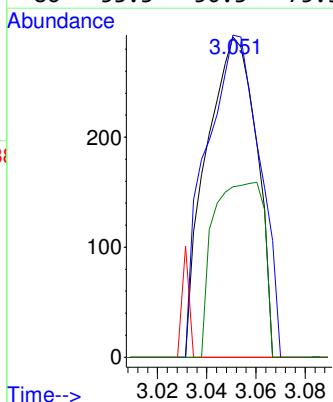
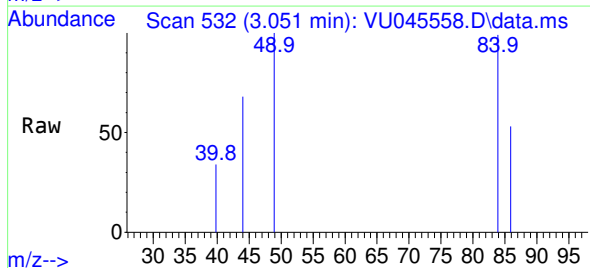


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Instrument :
MSVOA_U
ClientSampleId :
SW-P287

Tgt Ion: 84 Resp: 411

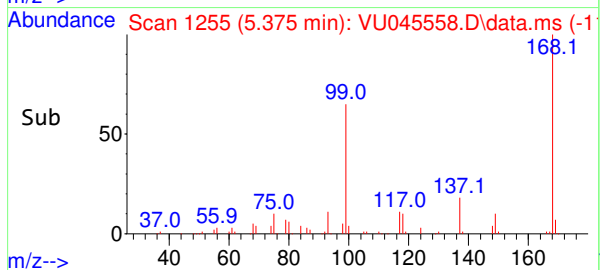
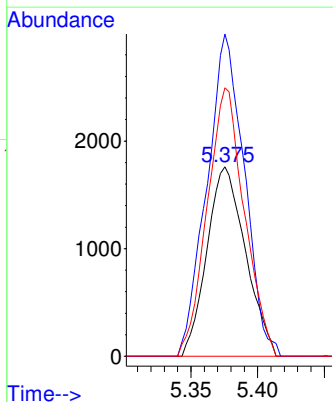
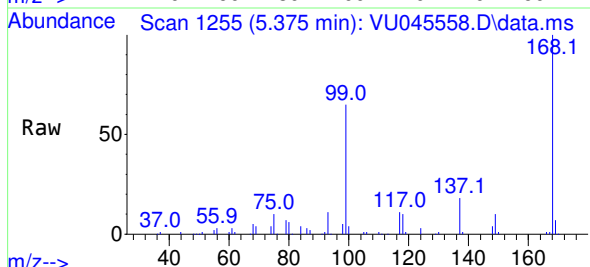
Ion	Ratio	Lower	Upper
84	100		
49	100.7	96.4	144.6
51	0.0	30.5	45.7#
86	53.3	50.3	75.5

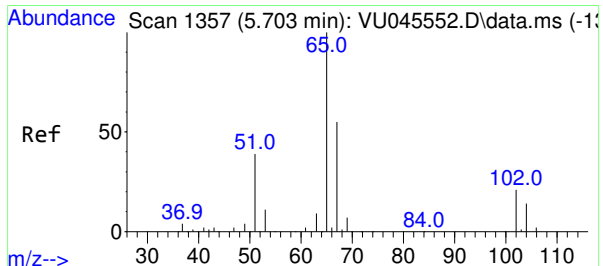


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 56 Resp: 3540

Ion	Ratio	Lower	Upper
56	100		
69	170.0	26.4	39.6#
84	141.7	68.4	102.6#

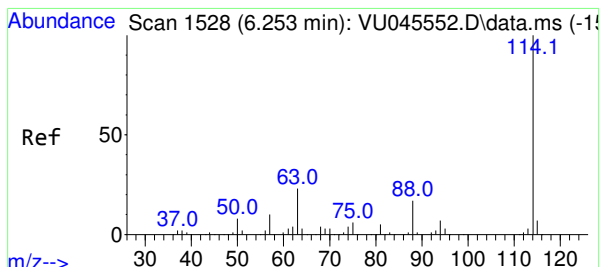
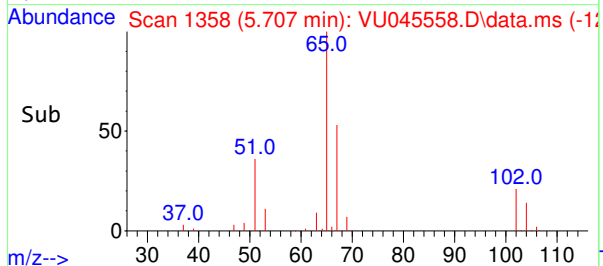
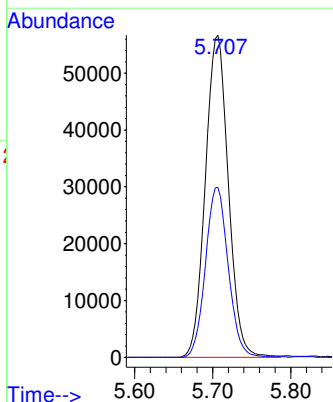
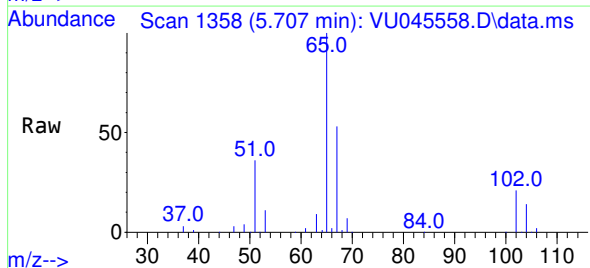




#33
1,2-Dichloroethane-d4
Concen: 55.73 ug/l
RT: 5.707 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

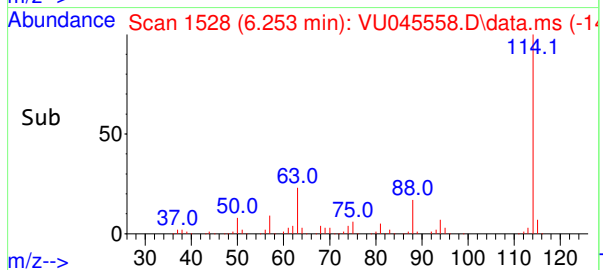
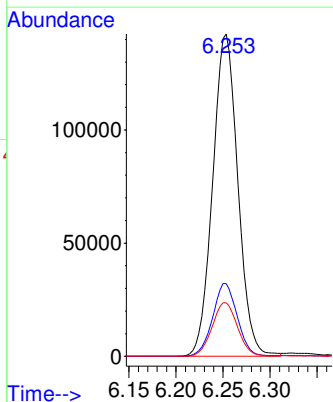
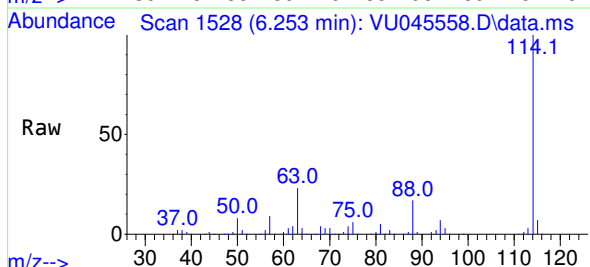
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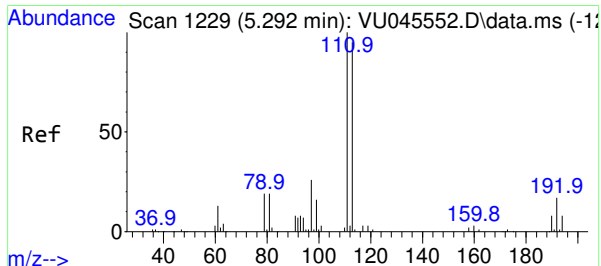
Tgt Ion: 65 Resp: 116290
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 114 Resp: 265202
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.6
88 16.6 0.0 33.8

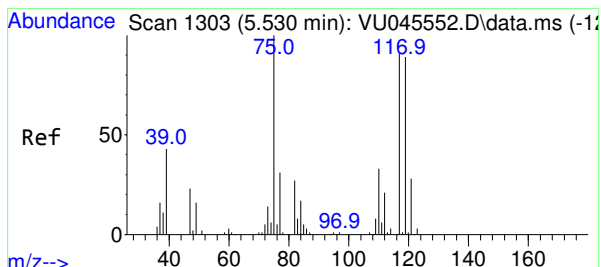
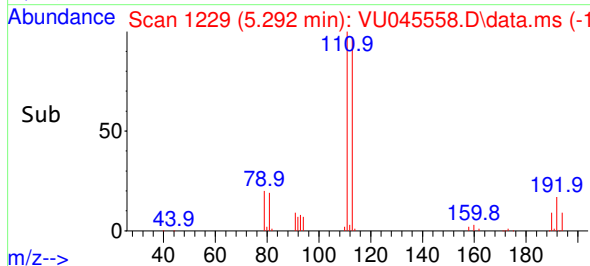
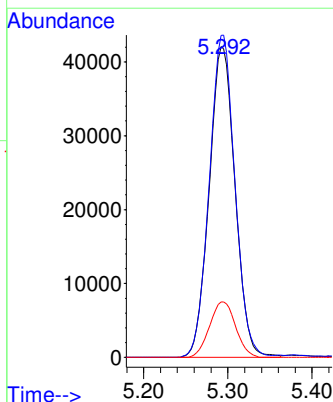
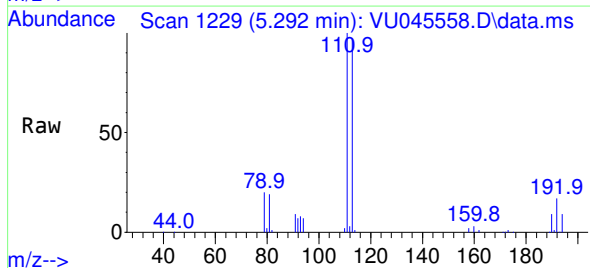




#35
Dibromofluoromethane
Concen: 50.75 ug/l
RT: 5.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

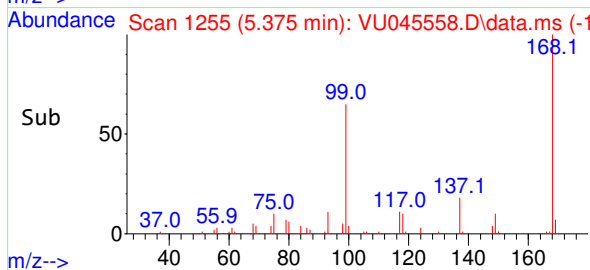
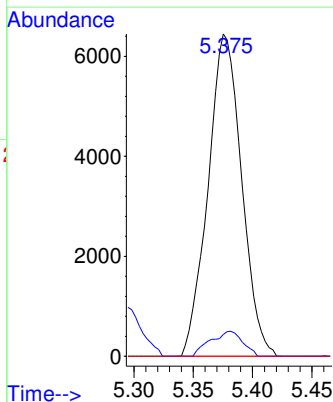
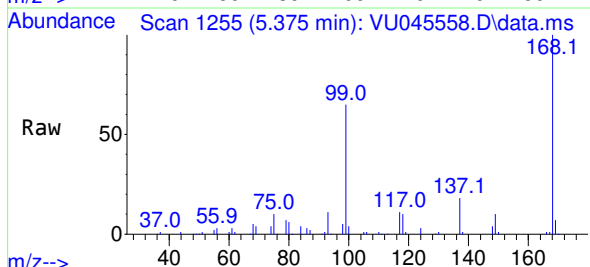
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

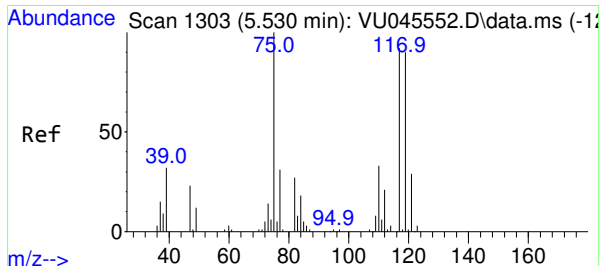
Tgt Ion:113 Resp: 89857
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 75 Resp: 12682
Ion Ratio Lower Upper
75 100
110 7.5 16.7 50.0#
77 0.0 25.0 37.4#

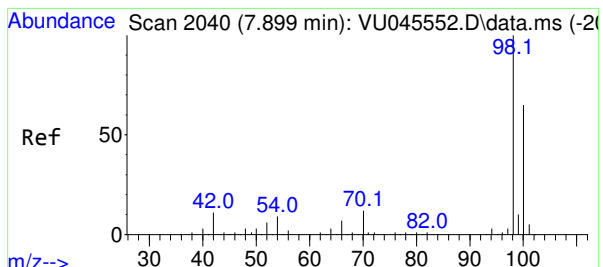
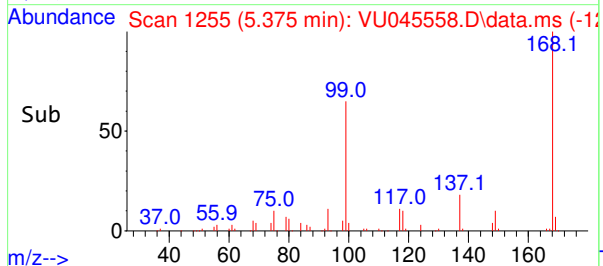
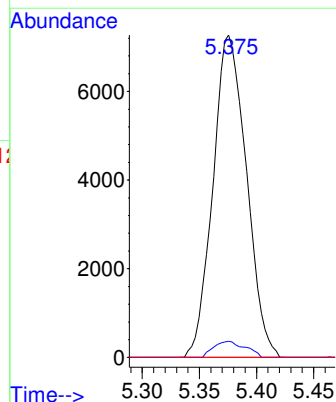
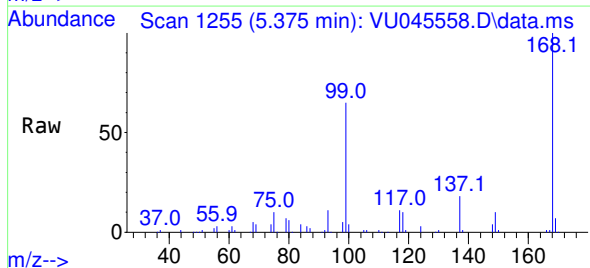




#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.375 min Scan# 1
Delta R.T. -0.154 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

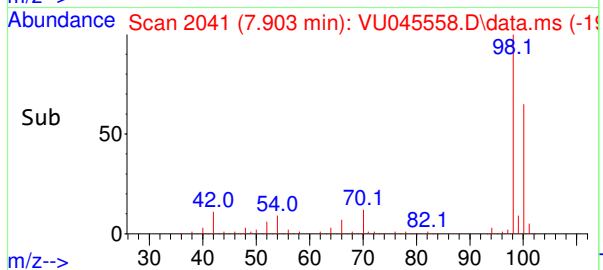
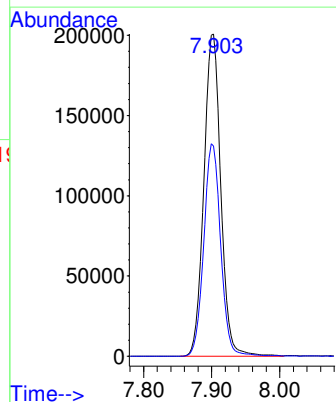
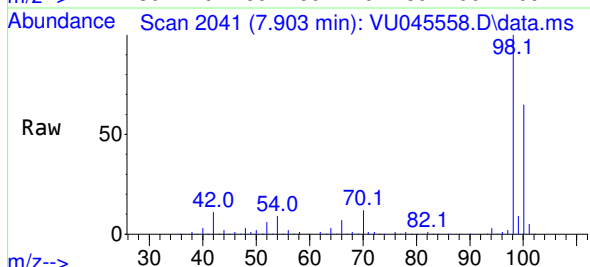
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

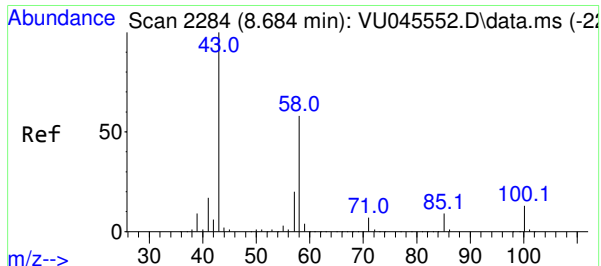
Tgt Ion: 117 Resp: 14859
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.79 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 98 Resp: 347599
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

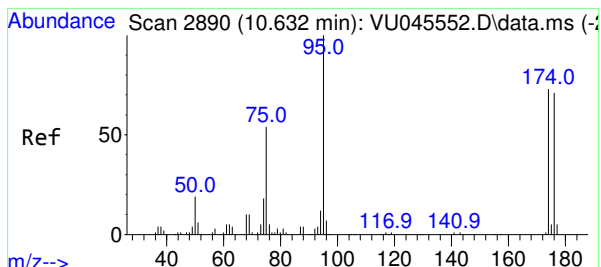
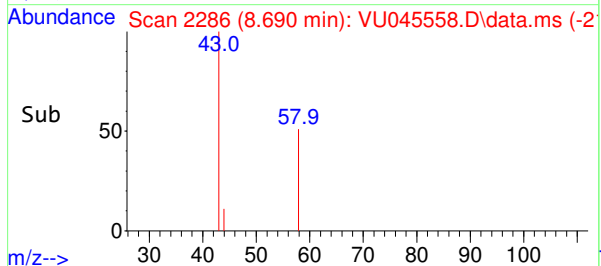
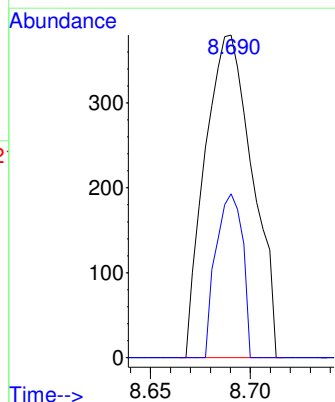
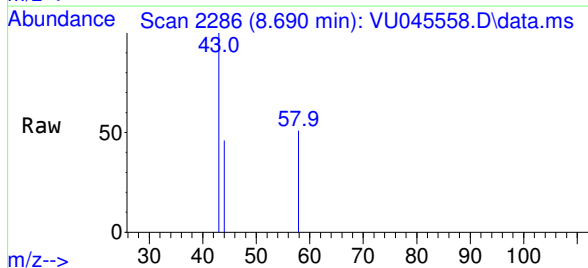




#59
2-Hexanone
Concen: 7.77 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

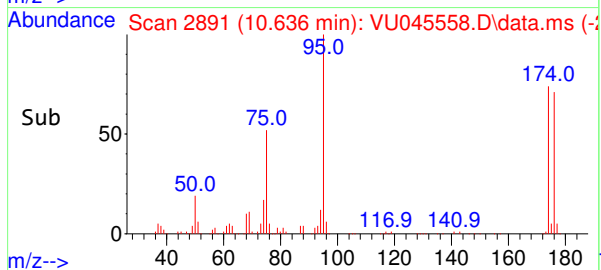
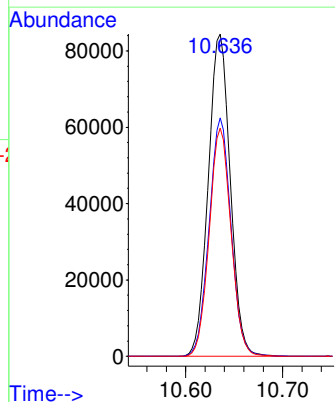
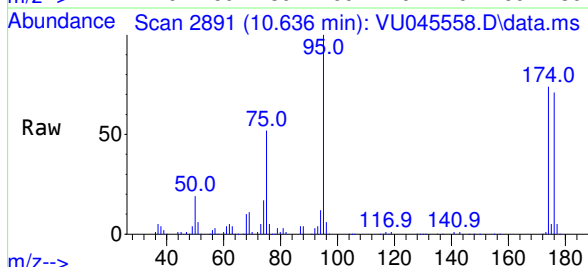
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

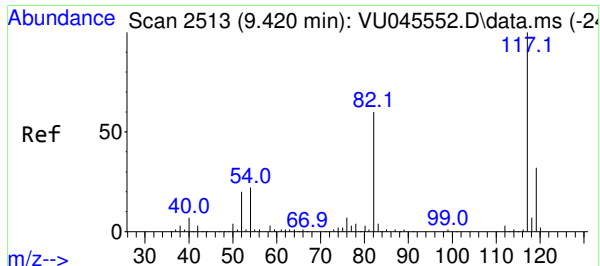
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 28.6 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 50.42 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 95 Resp: 133112
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 70.0 0.0 138.2

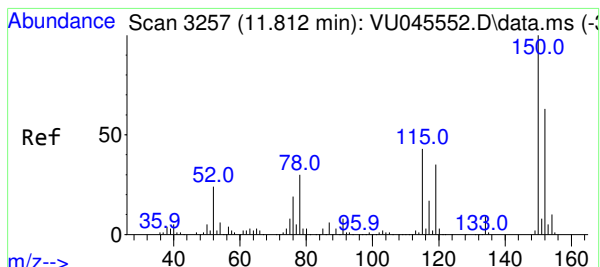
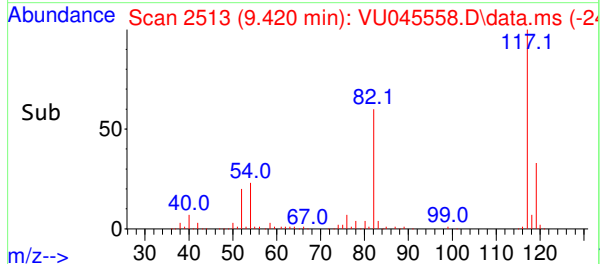
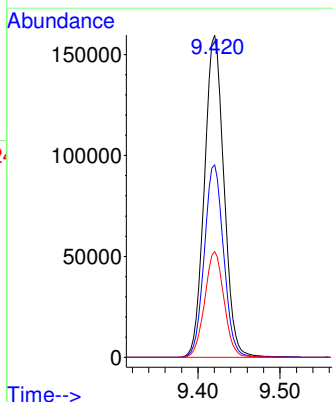
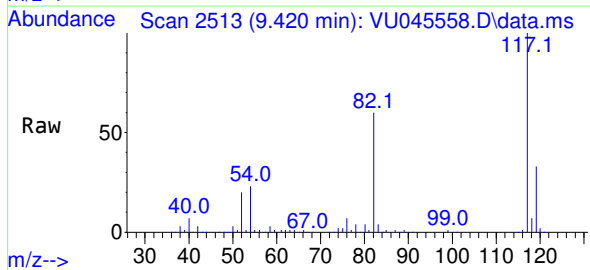




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

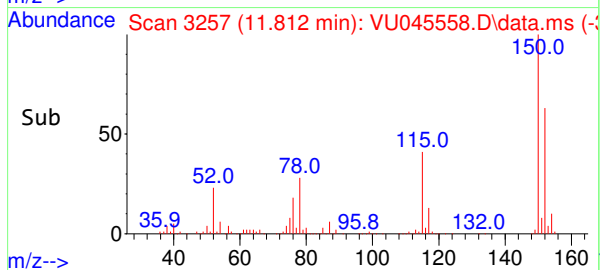
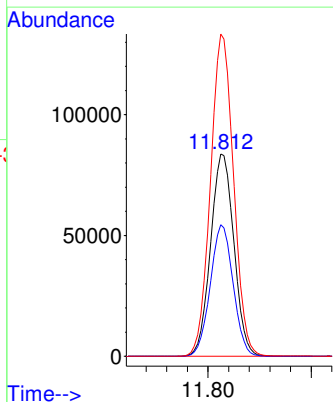
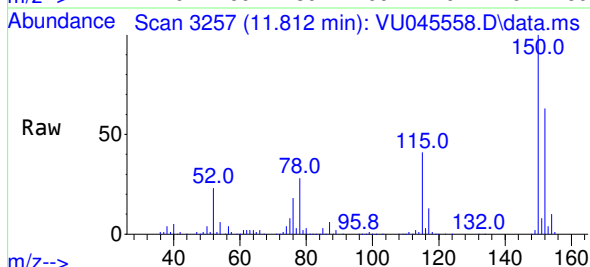
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

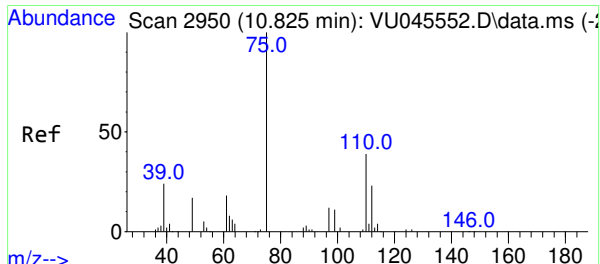
Tgt Ion:	117	Resp:	264203
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.8
119	32.9	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion:	152	Resp:	131411
Ion	Ratio	Lower	Upper
152	100		
115	63.6	42.7	128.1
150	157.9	0.0	346.8

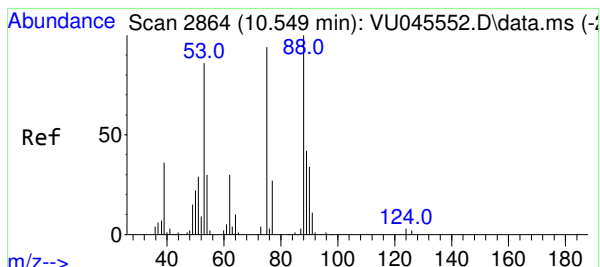
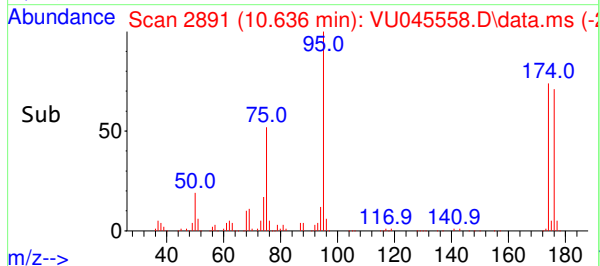
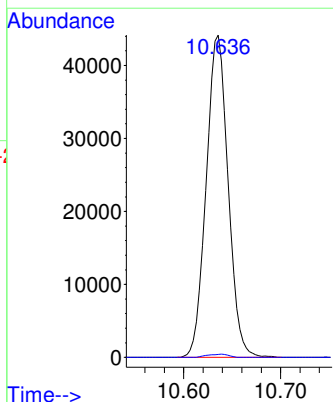
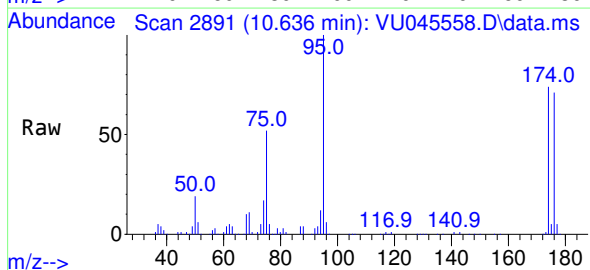




#76
1,2,3-Trichloropropane
Concen: 17.37 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

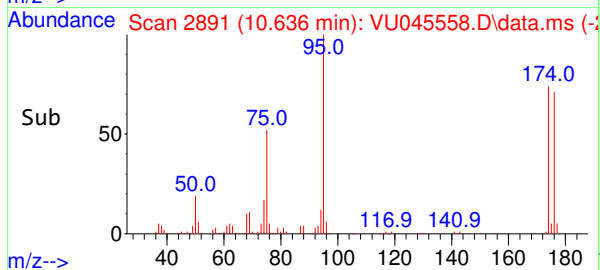
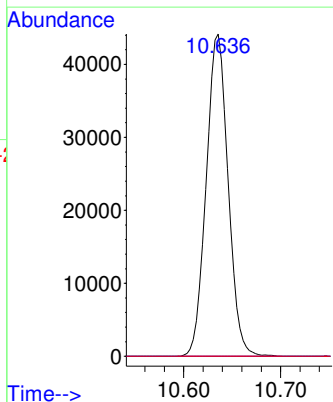
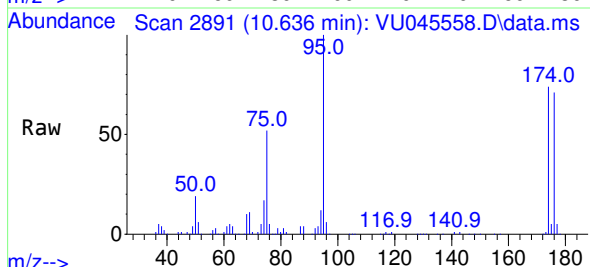
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

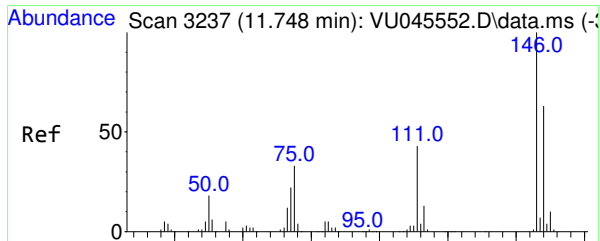
Tgt Ion: 75 Resp: 69238
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.50 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion: 75 Resp: 69238
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

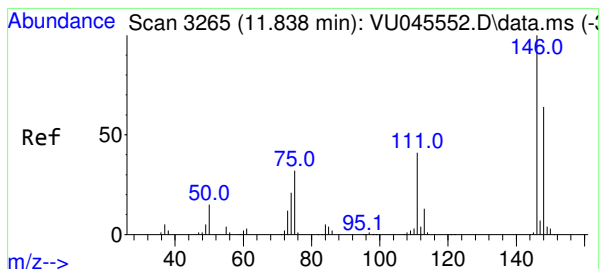
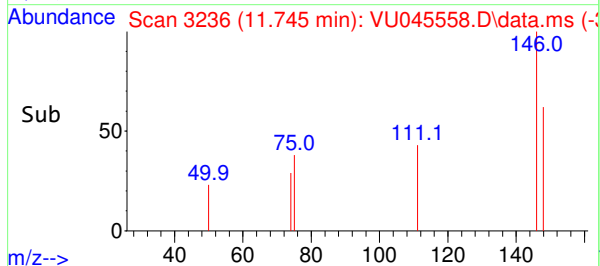
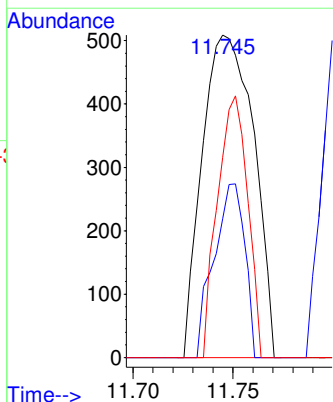
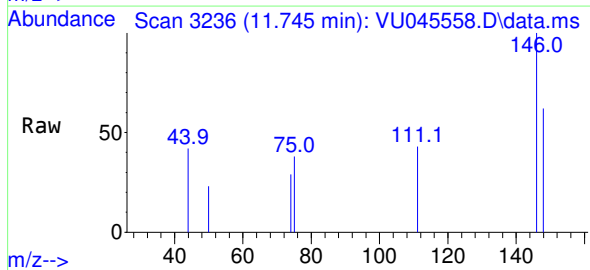




#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 11.745 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

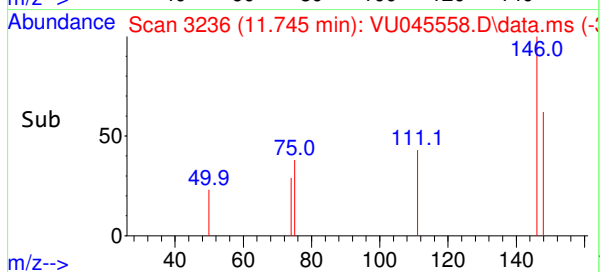
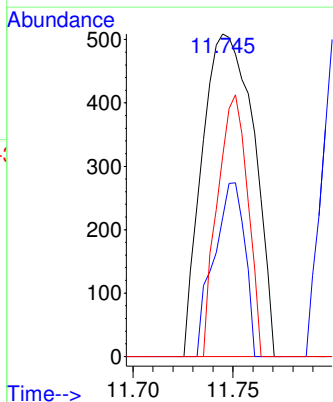
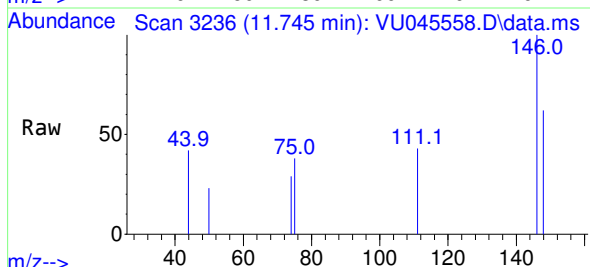
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

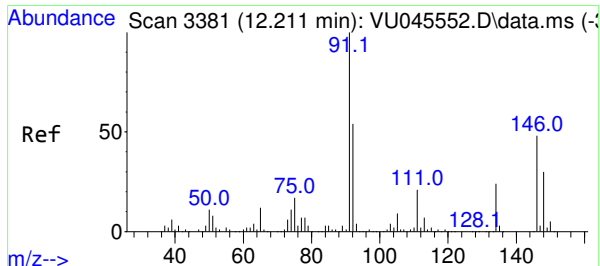
Tgt Ion:146 Resp: 910
Ion Ratio Lower Upper
146 100
111 32.4 21.3 63.9
148 47.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.093 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion:146 Resp: 910
Ion Ratio Lower Upper
146 100
111 32.4 20.6 61.9
148 47.7 31.9 95.7

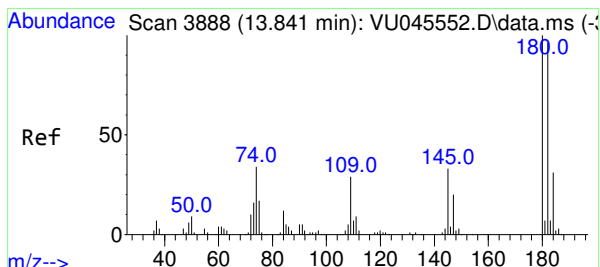
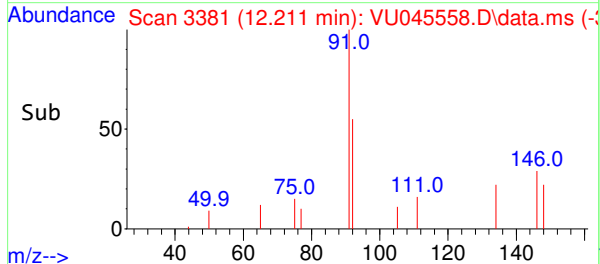
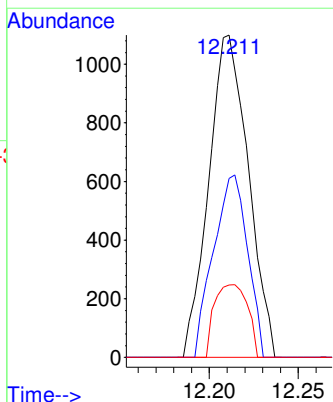
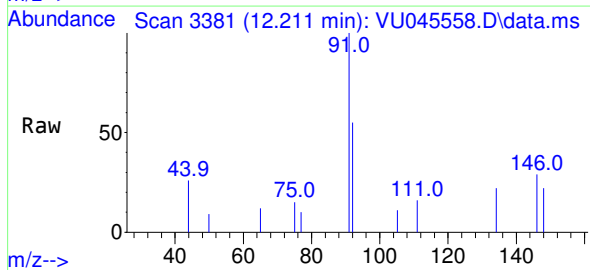




#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

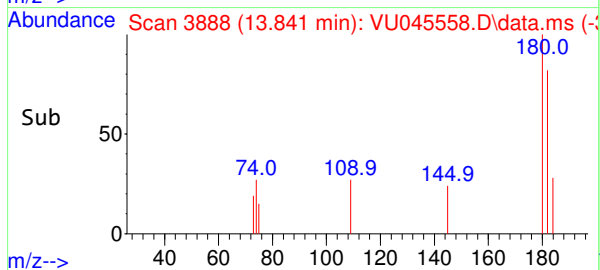
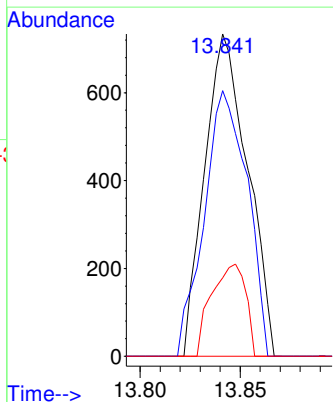
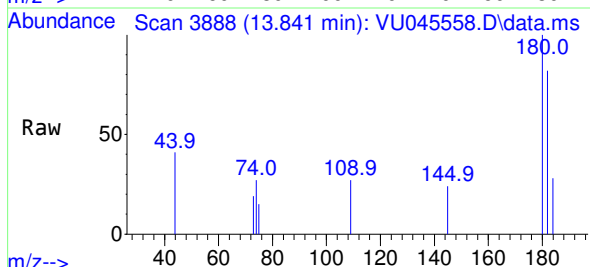
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

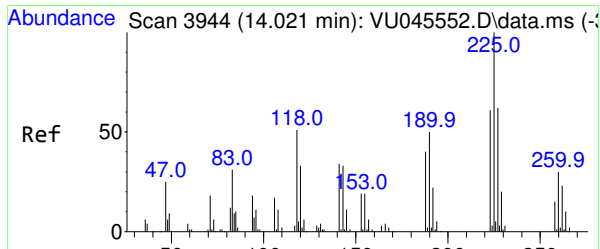
Tgt Ion:	91	Resp:	1698
Ion	Ratio	Lower	Upper
91	100		
92	48.8	27.1	81.2
134	18.8	11.8	35.4



#93
1,2,4-Trichlorobenzene
Concen: 0.39 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion:	180	Resp:	1095
Ion	Ratio	Lower	Upper
180	100		
182	82.6	47.0	141.2
145	22.9	15.6	46.7

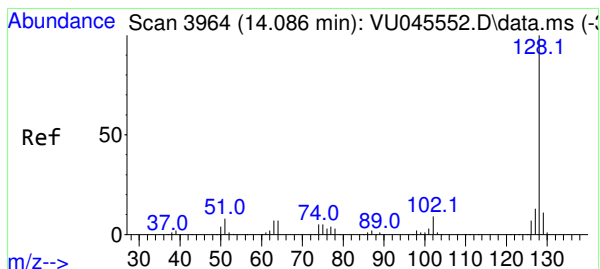
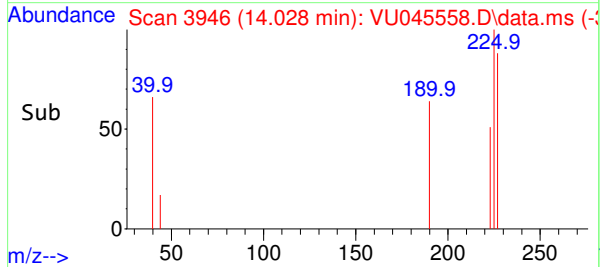
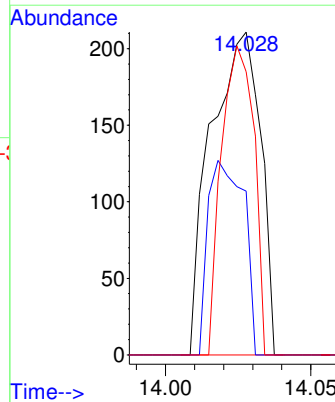
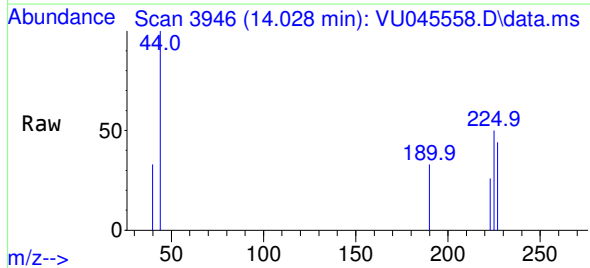




#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 14.028 min Scan# 3945
Delta R.T. 0.007 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

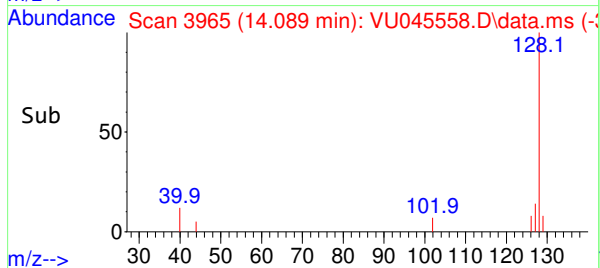
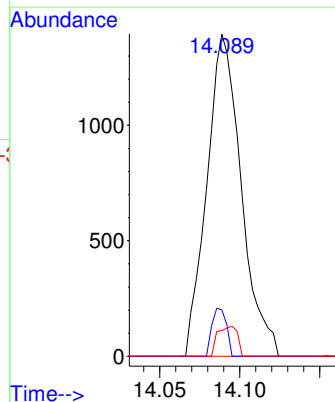
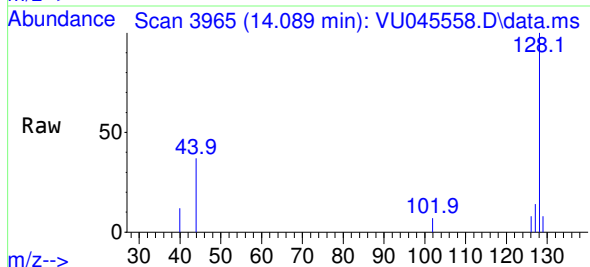
Instrument :
MSVOA_U
ClientSampleId :
SW-P287

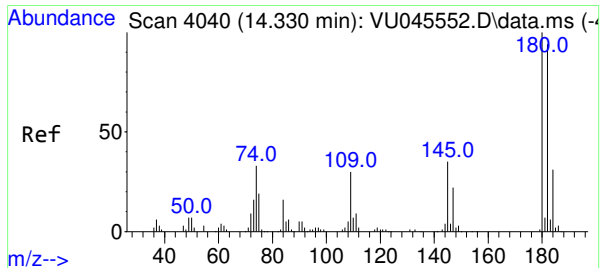
Tgt Ion:	225	Resp:	249
Ion	Ratio	Lower	Upper
225	100		
223	43.8	32.0	96.2
227	63.1	31.1	93.5



#95
Naphthalene
Concen: 1.22 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045558.D
Acq: 05 Nov 2021 15:05

Tgt Ion:	128	Resp:	2088
Ion	Ratio	Lower	Upper
128	100		
127	6.3	10.6	15.8#
129	5.4	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 14.333 min Scan# 4
 Delta R.T. 0.003 min
 Lab File: VU045558.D
 Acq: 05 Nov 2021 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 SW-P287

Tgt Ion:180 Resp: 708
 Ion Ratio Lower Upper
 180 100
 182 106.1 47.7 143.1
 145 31.8 16.7 50.0

