

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045531.D
 Acq On : 03 Nov 2021 19:47
 Operator : SY/MD
 Sample : VU1103WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 14:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

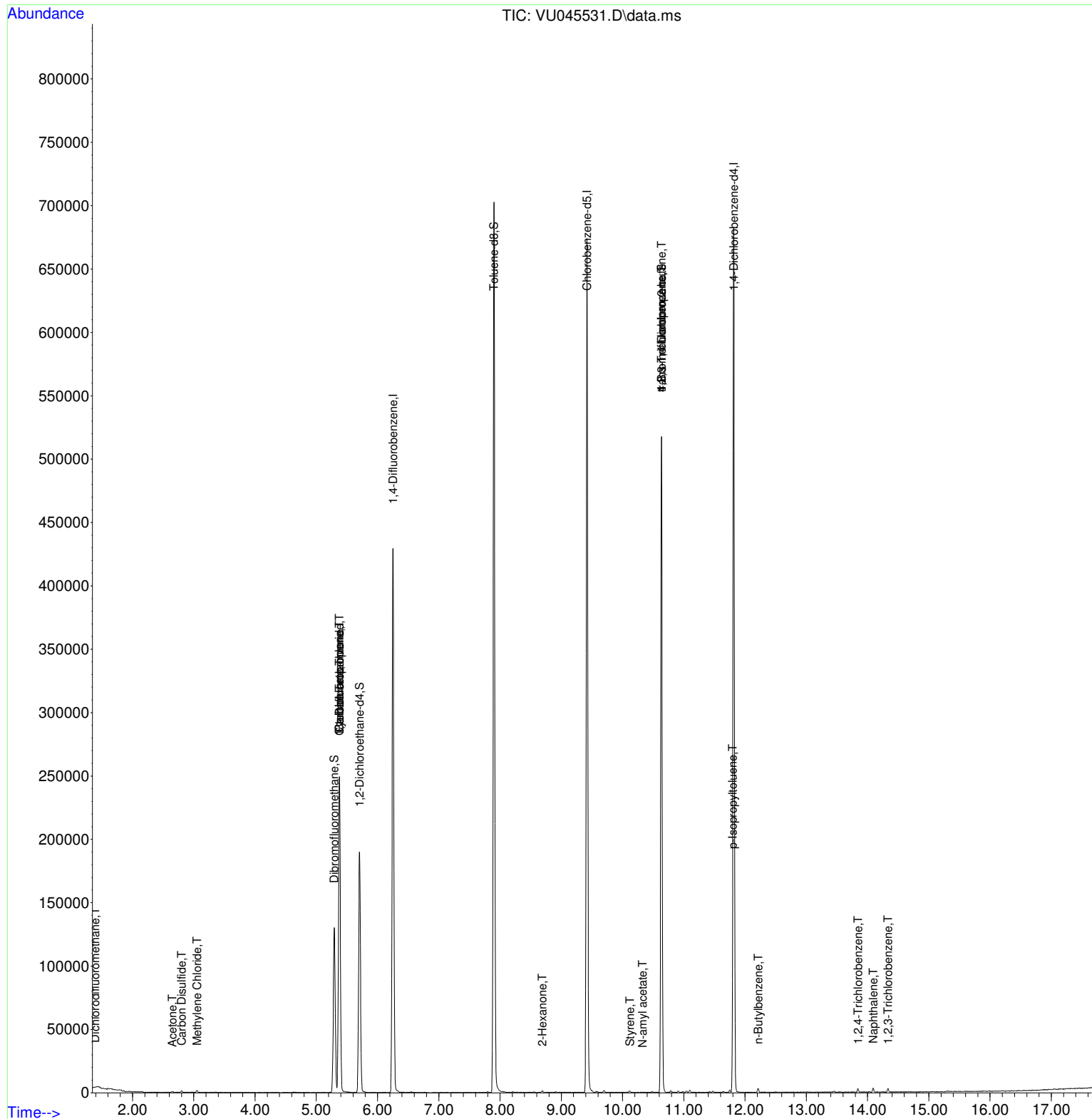
Internal Standards						
1) Pentafluorobenzene	5.379	168	178970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	354423	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	365959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	170545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	139579	47.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.80%		
35) Dibromofluoromethane	5.292	113	88527	39.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.56%		
50) Toluene-d8	7.899	98	464028	52.51	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.02%		
62) 4-Bromofluorobenzene	10.636	95	180072	53.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.94%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	98	0.41	ug/l #	43
16) Acetone	2.649	43	1074	0.81	ug/l	94
17) Carbon Disulfide	2.800	76	1499	0.25	ug/l #	90
20) Methylene Chloride	3.054	84	721	0.27	ug/l #	86
31) Cyclohexane	5.375	56	3706	0.85	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	14267	4.23	ug/l #	49
38) Carbon Tetrachloride	5.379	117	17121	5.82	ug/l #	17
59) 2-Hexanone	8.687	43	1016	0.33	ug/l	88
70) Styrene	10.118	104	594	1.04	ug/l #	76
74) N-amyl acetate	10.327	43	70	1.17	ug/l #	40
76) 1,2,3-Trichloropropane	10.636	75	90743	19.97	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	90743	55.47	ug/l #	12
86) p-Isopropyltoluene	11.796	119	640	0.25	ug/l #	75
89) n-Butylbenzene	12.214	91	1273	1.06	ug/l	88
93) 1,2,4-Trichlorobenzene	13.845	180	1087	0.31	ug/l	93
95) Naphthalene	14.092	128	3008	0.31	ug/l	97
96) 1,2,3-Trichlorobenzene	14.333	180	1043	0.29	ug/l	96

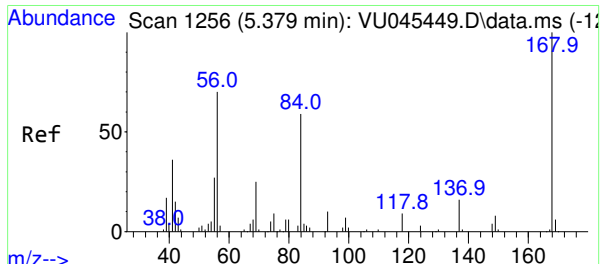
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 14:08:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

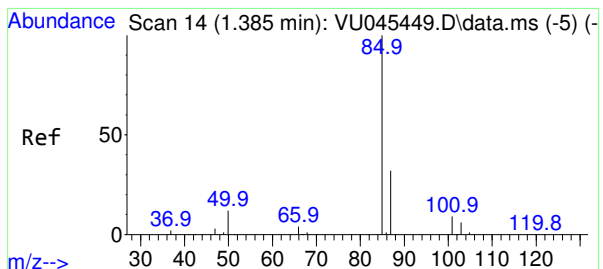
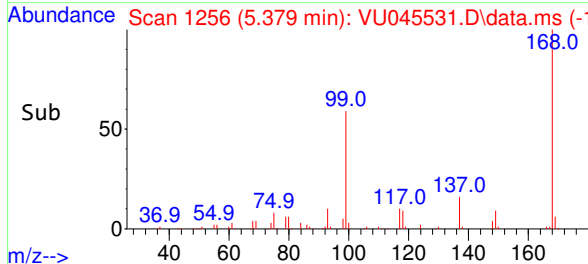
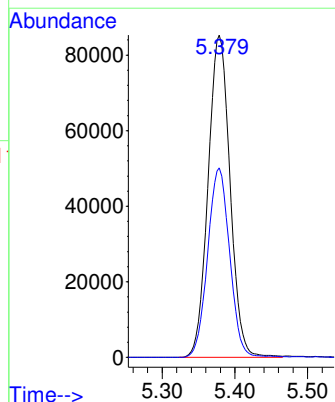
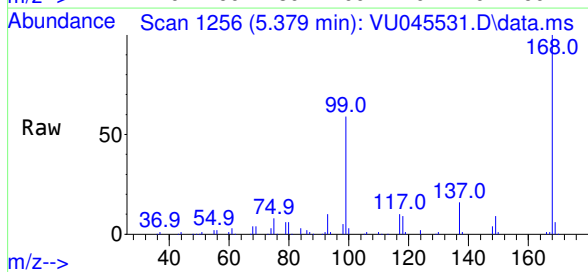




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

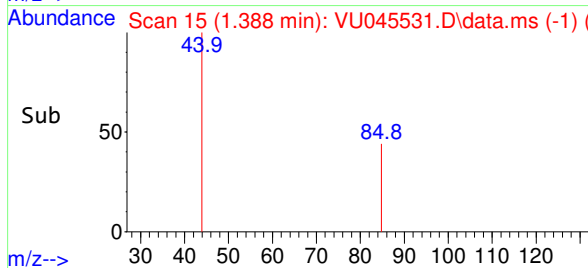
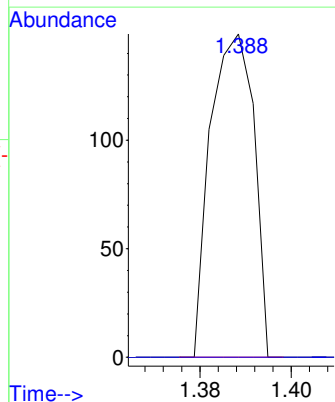
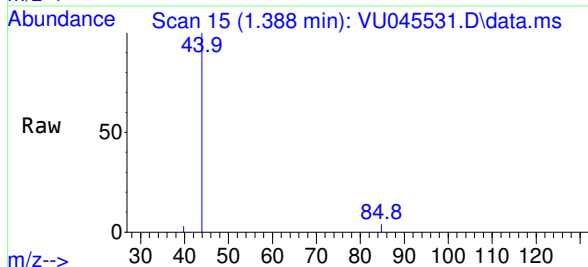
Instrument :
MSVOA_U
ClientSampleId :

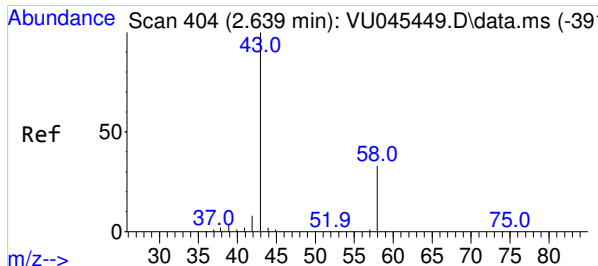
Tgt Ion:168 Resp: 178970
Ion Ratio Lower Upper
168 100
99 58.7 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.41 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 85 Resp: 98
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#

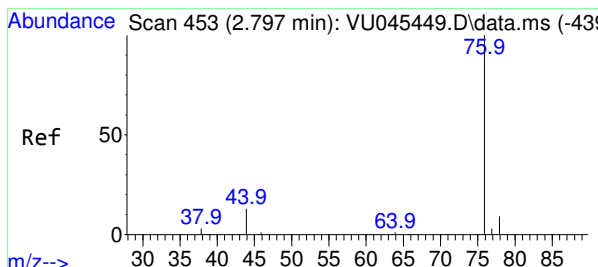
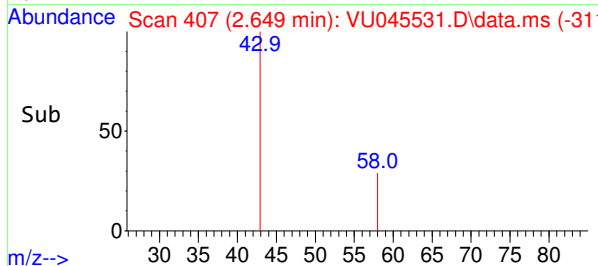
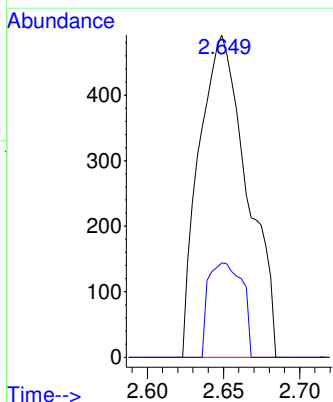
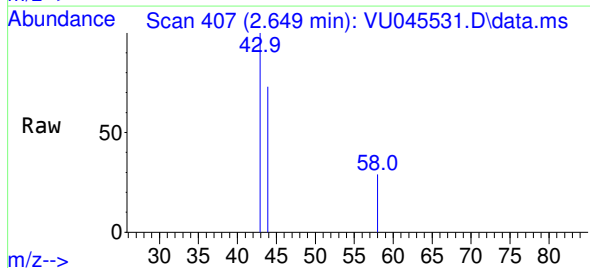




#16
Acetone
Concen: 0.81 ug/l
RT: 2.649 min Scan# 416
Delta R.T. 0.010 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

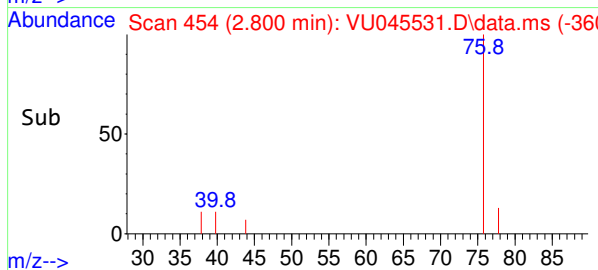
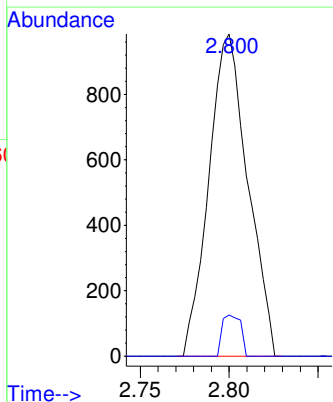
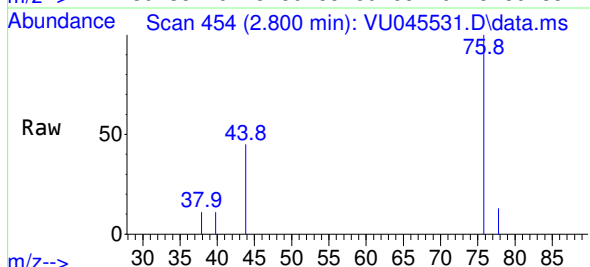
Instrument :
MSVOA_U
ClientSampleId :

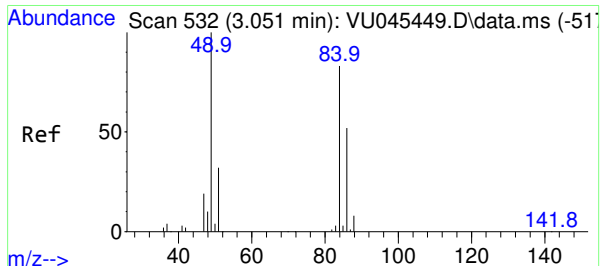
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 29.3 26.2 39.2



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 76 Resp: 1499
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#

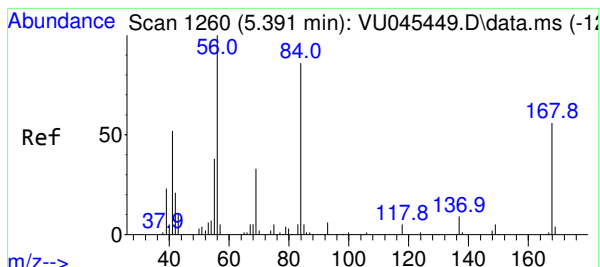
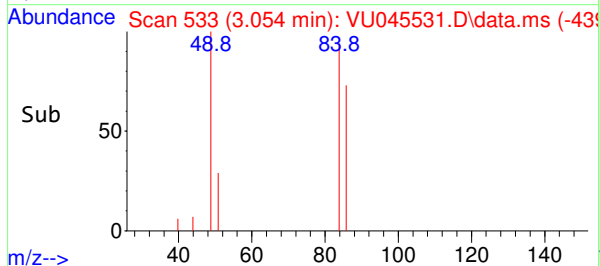
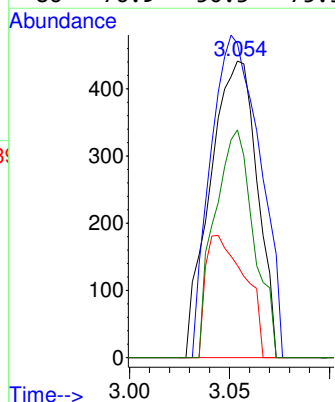
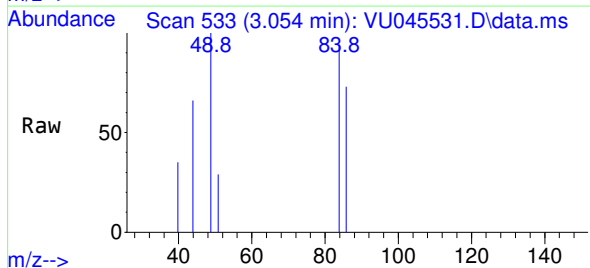




#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

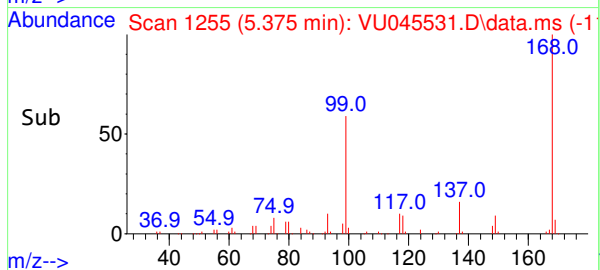
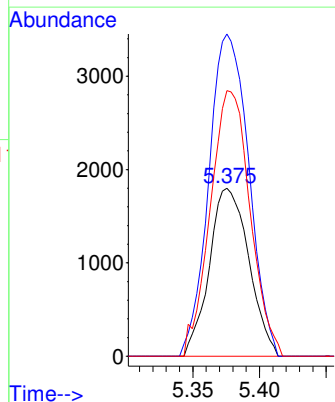
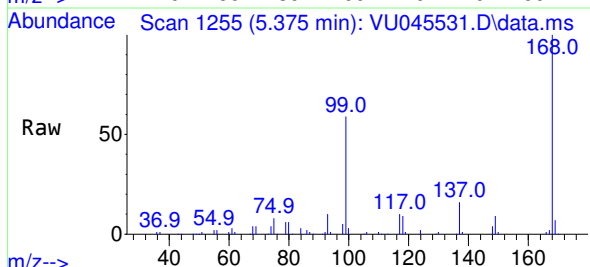
Instrument :
MSVOA_U
ClientSampleId :

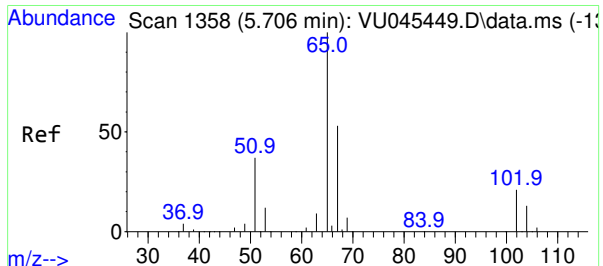
Tgt Ion: 84 Resp: 721
Ion Ratio Lower Upper
84 100
49 105.9 96.4 144.6
51 31.1 30.5 45.7
86 76.9 50.3 75.5#



#31
Cyclohexane
Concen: 0.85 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 56 Resp: 3706
Ion Ratio Lower Upper
56 100
69 192.0 26.4 39.6#
84 158.2 68.4 102.6#

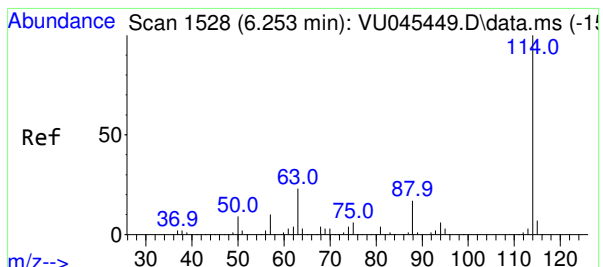
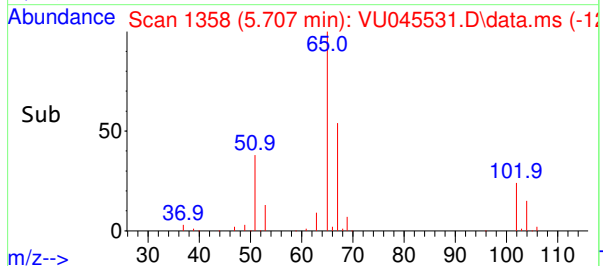
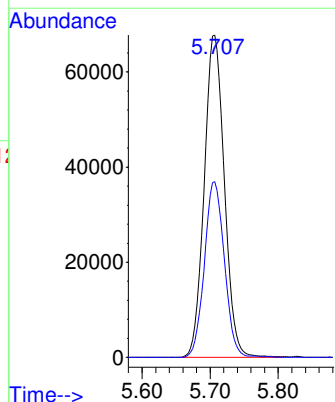
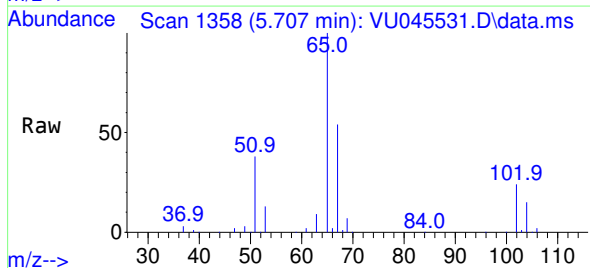




#33
1,2-Dichloroethane-d4
Concen: 47.90 ug/l
RT: 5.707 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

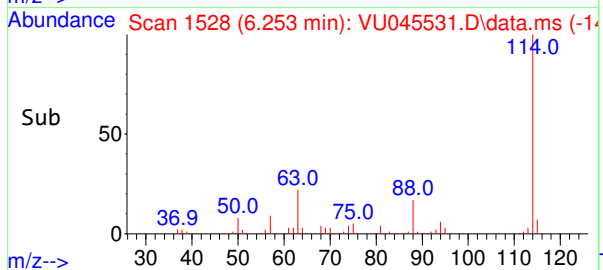
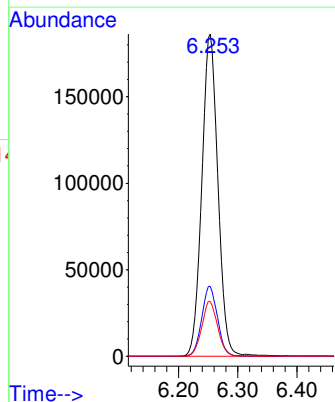
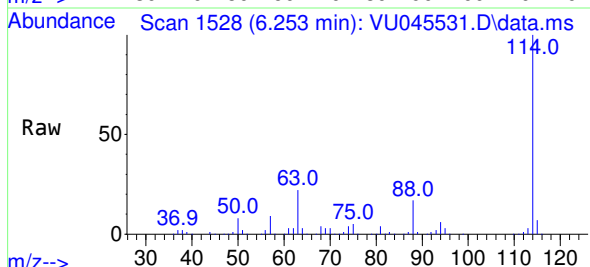
Instrument :
MSVOA_U
ClientSampleId :

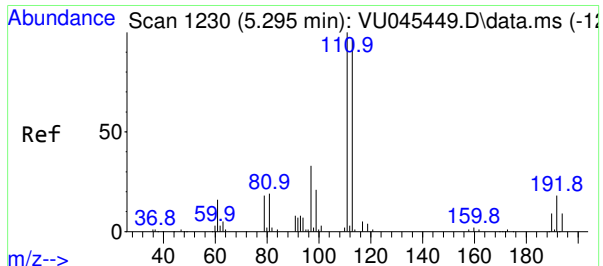
Tgt Ion: 65 Resp: 139579
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 114 Resp: 354423
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 17.0 0.0 33.8

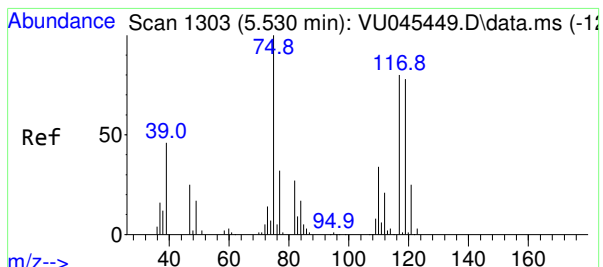
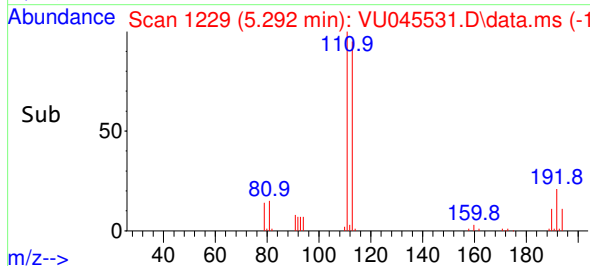
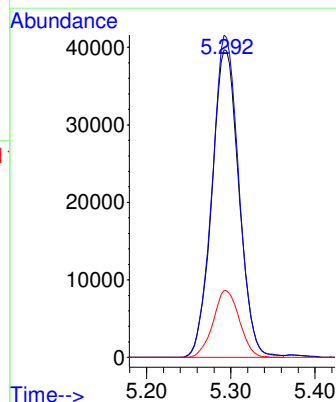
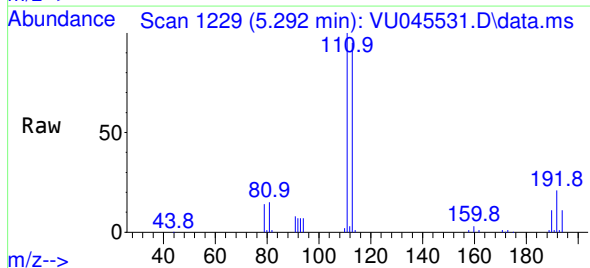




#35
Dibromofluoromethane
Concen: 39.28 ug/l
RT: 5.292 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

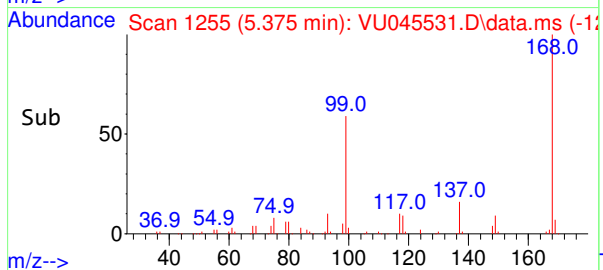
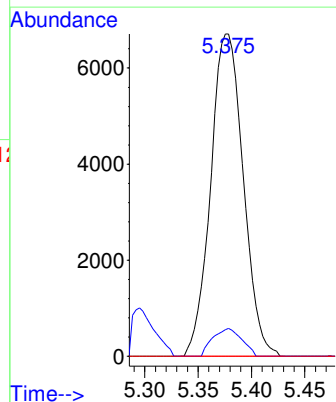
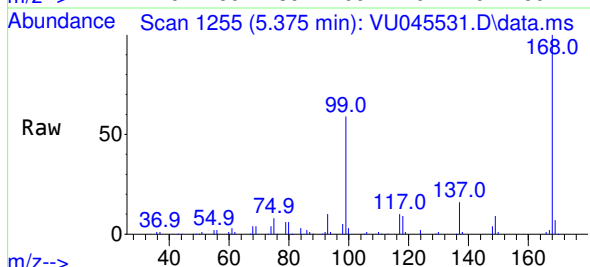
Instrument :
MSVOA_U
ClientSampleId :

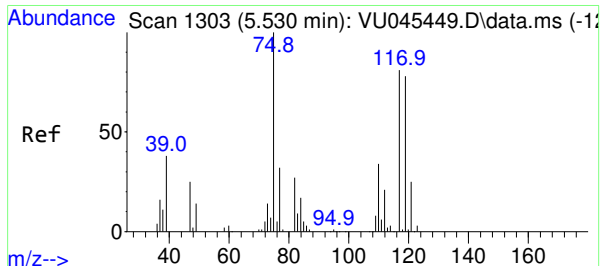
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	21.1	14.8	22.2



#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.7	50.0#
77	0.0	25.0	37.4#

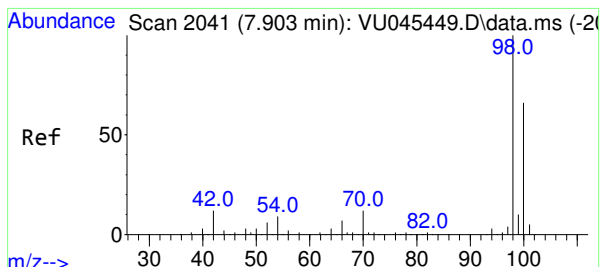
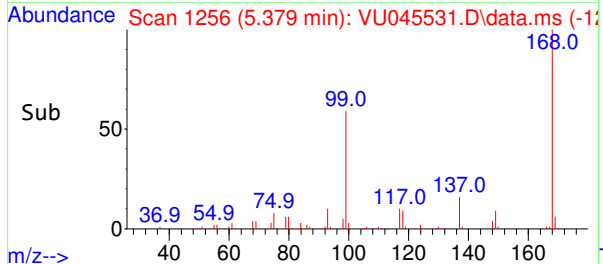
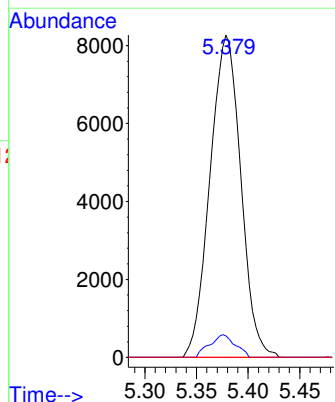
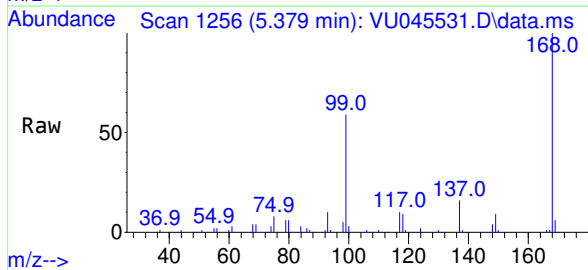




#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.379 min Scan# 1
Delta R.T. -0.151 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

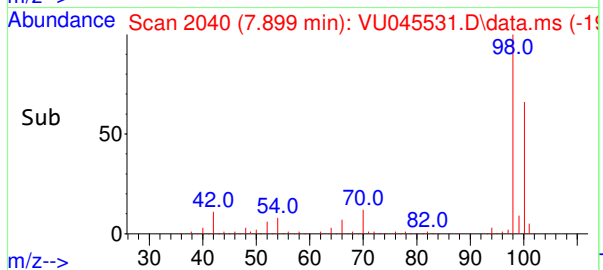
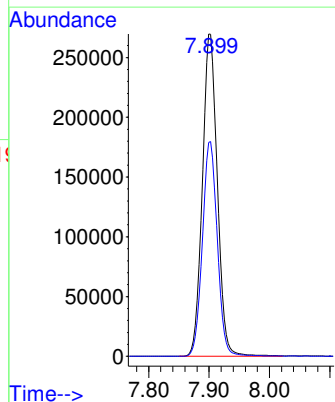
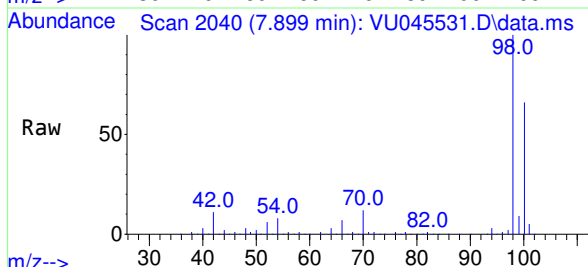
Instrument :
MSVOA_U
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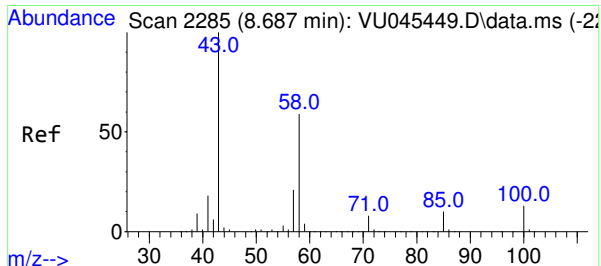
Tgt Ion:117 Resp: 17121
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.51 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 98 Resp: 464028
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

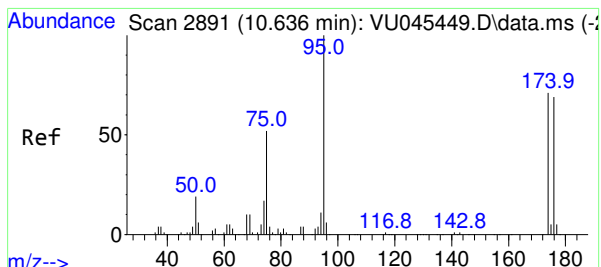
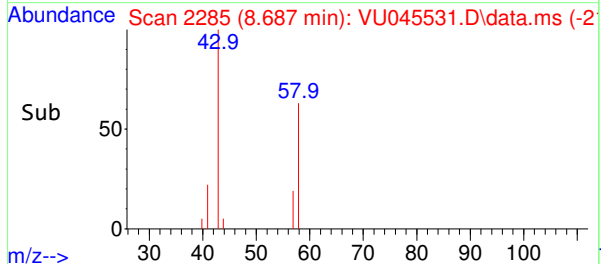
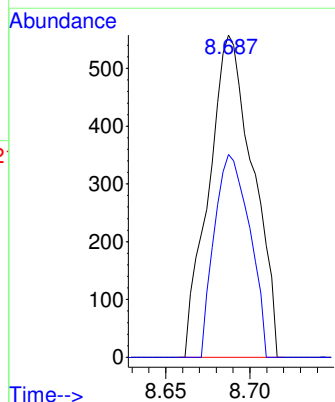
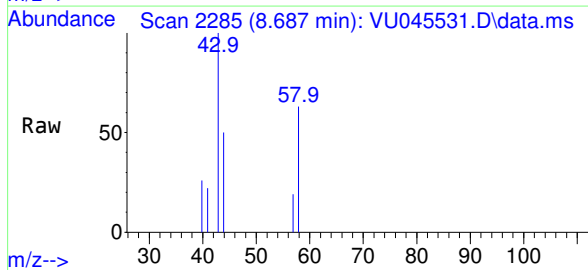




#59
2-Hexanone
Concen: 0.33 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

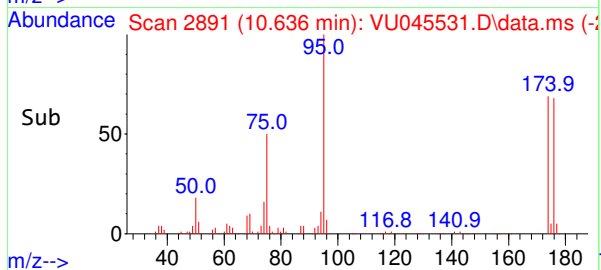
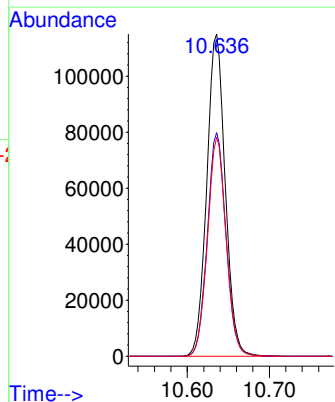
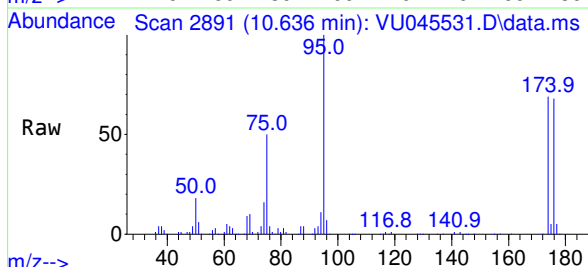
Instrument :
MSVOA_U
ClientSampleId :

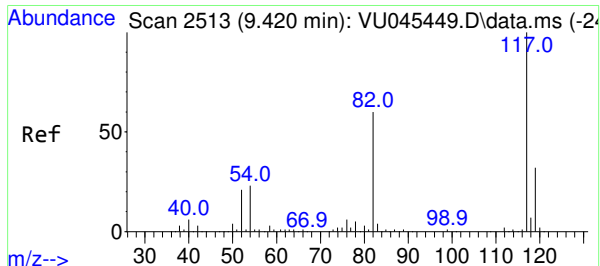
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 50.2 29.5 88.6



#62
4-Bromofluorobenzene
Concen: 53.47 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 95 Resp: 180072
Ion Ratio Lower Upper
95 100
174 70.2 0.0 141.8
176 67.8 0.0 138.2

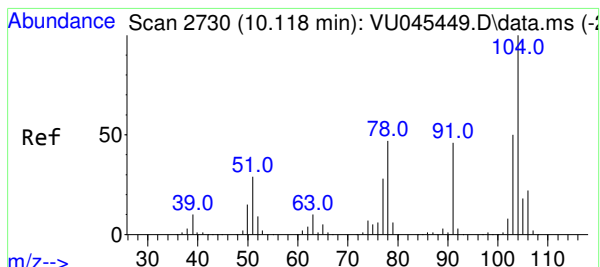
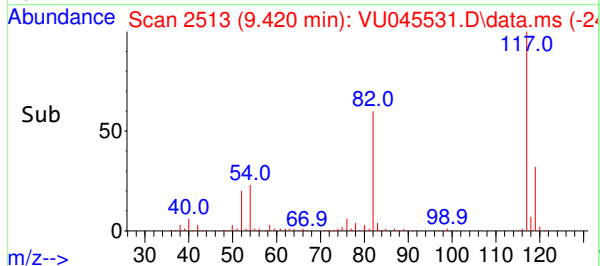
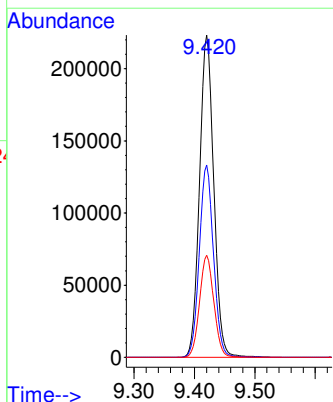
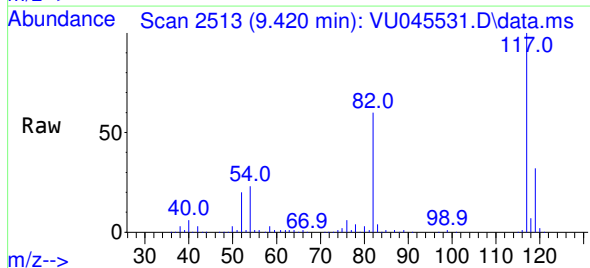




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

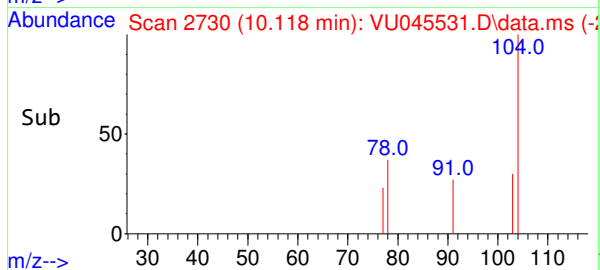
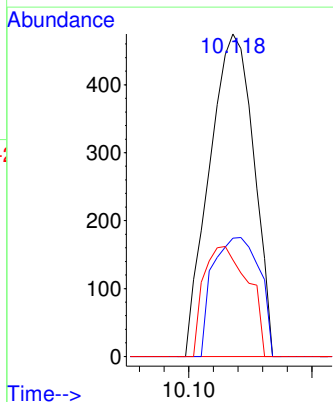
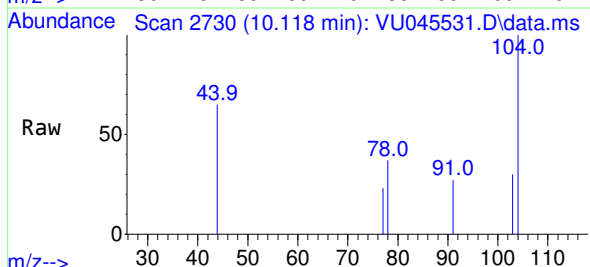
Instrument :
MSVOA_U
ClientSampleId :

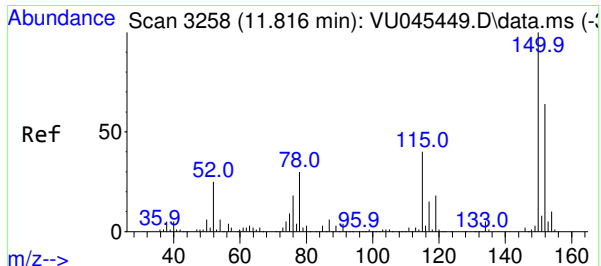
Tgt Ion:117 Resp: 365959
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.6 25.8 38.8



#70
Styrene
Concen: 1.04 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion:104 Resp: 594
Ion Ratio Lower Upper
104 100
78 38.7 41.8 62.6#
103 34.2 43.8 65.6#

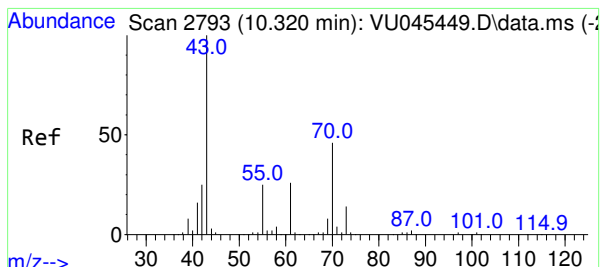
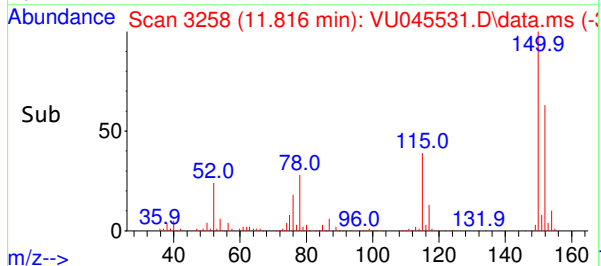
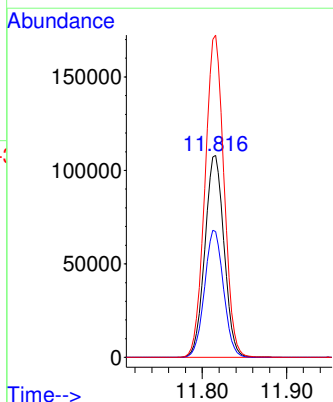
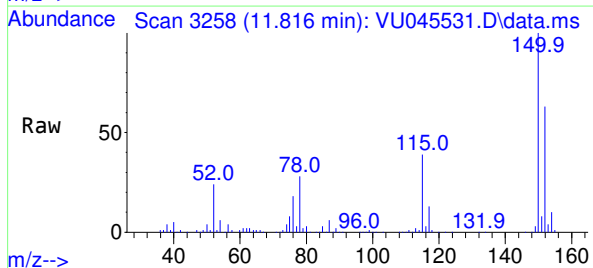




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

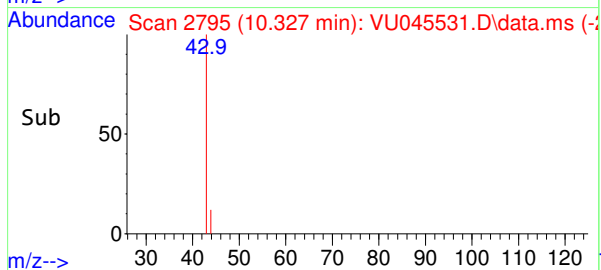
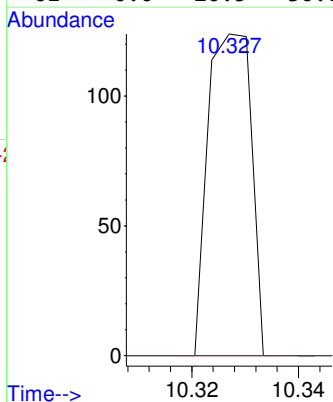
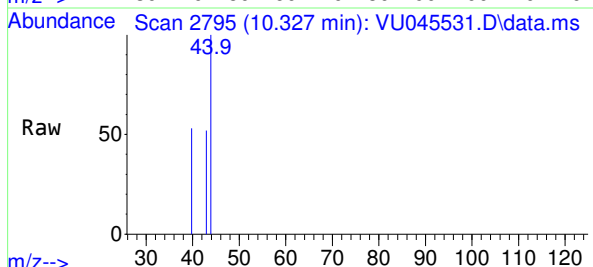
Instrument :
MSVOA_U
ClientSampleId :

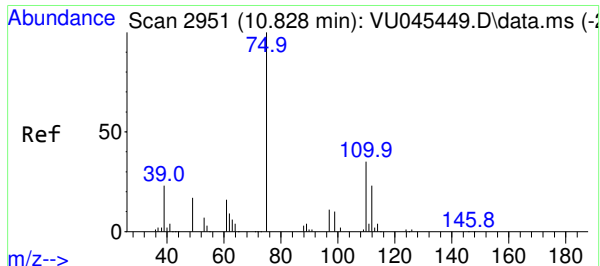
Tgt Ion:	152	Resp:	170545
Ion	Ratio	Lower	Upper
152	100		
115	62.2	42.7	128.1
150	158.0	0.0	346.8



#74
N-ethyl acetate
Concen: 1.17 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion:	43	Resp:	70
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.9	55.3#
55	0.0	20.6	31.0#
61	0.0	20.5	30.7#

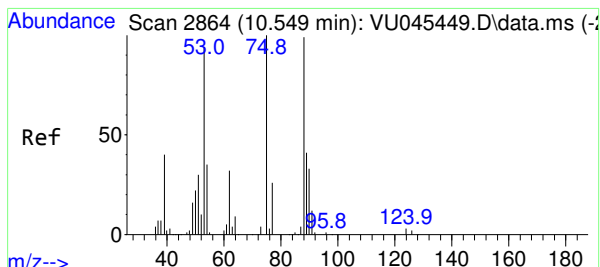
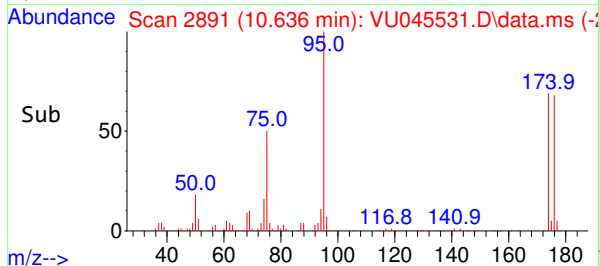
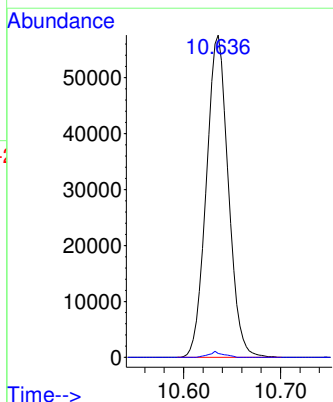
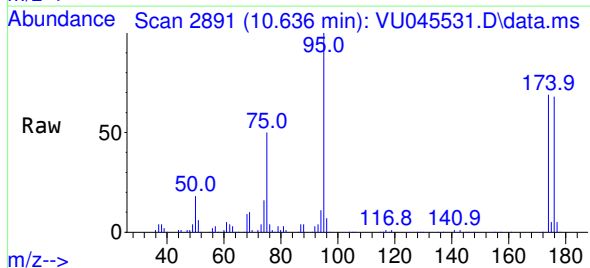




#76
1,2,3-Trichloropropane
Concen: 19.97 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

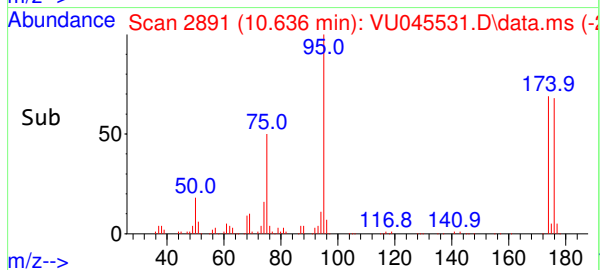
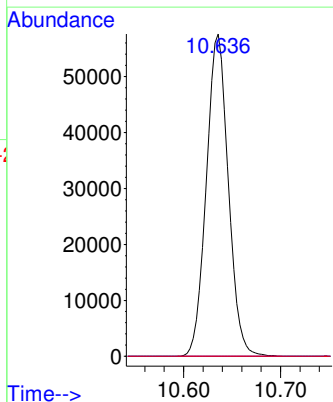
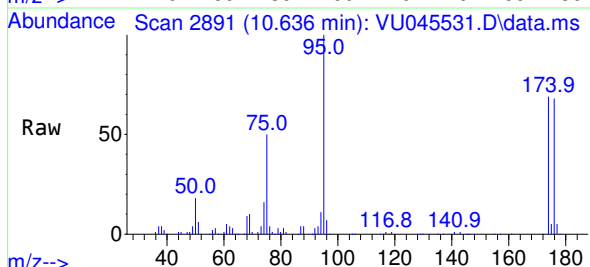
Instrument :
MSVOA_U
ClientSampleId :

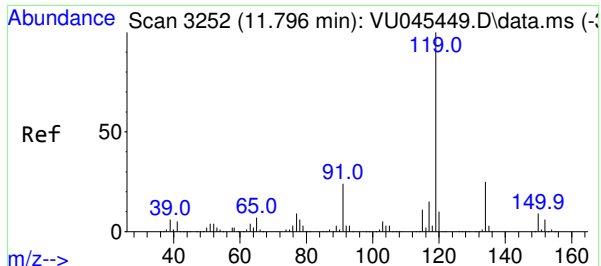
Tgt Ion: 75 Resp: 90743
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.47 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion: 75 Resp: 90743
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

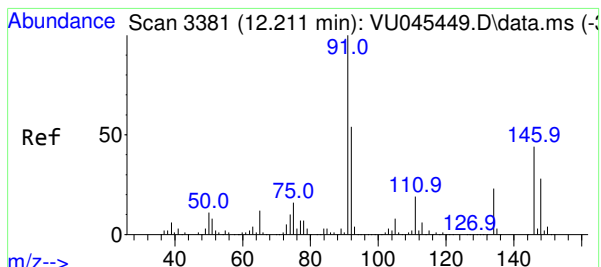
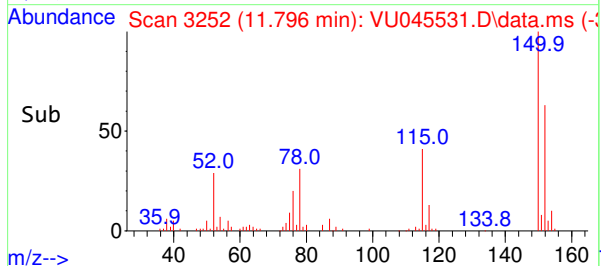
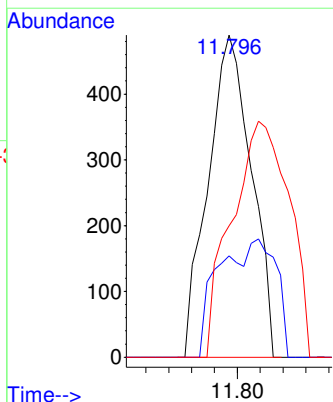
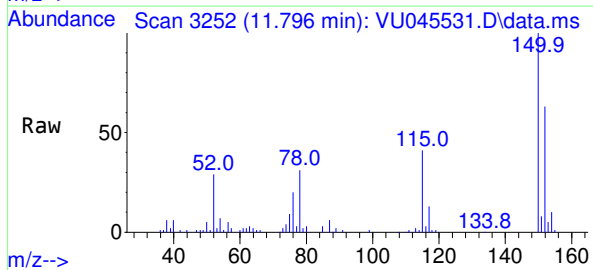




#86
p-Isopropyltoluene
Concen: 0.25 ug/l
RT: 11.796 min Scan# 33252
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

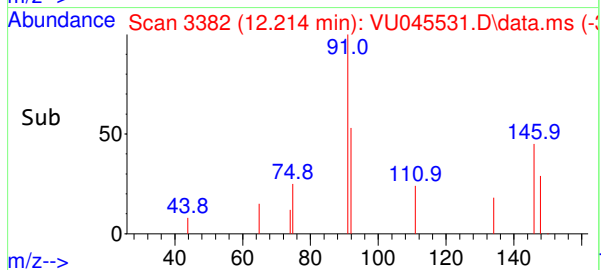
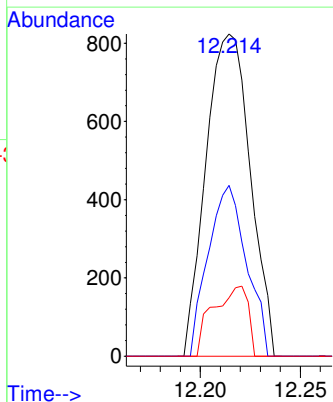
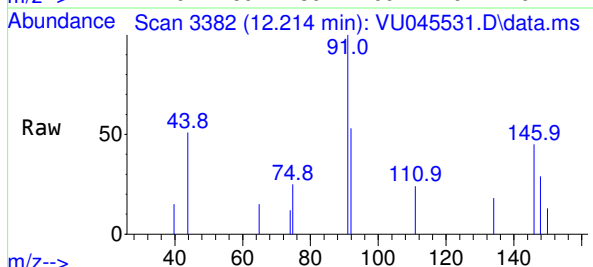
Instrument :
MSVOA_U
ClientSampleId :

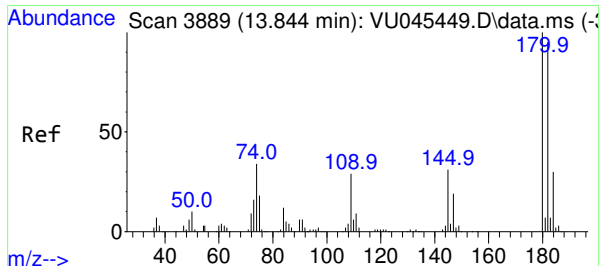
Tgt Ion:	119	Resp:	640
Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.7	38.1
91	0.0	12.2	36.4



#89
n-Butylbenzene
Concen: 1.06 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

Tgt Ion:	91	Resp:	1273
Ion	Ratio	Lower	Upper
91	100		
92	45.9	27.1	81.2
134	17.1	11.8	35.4

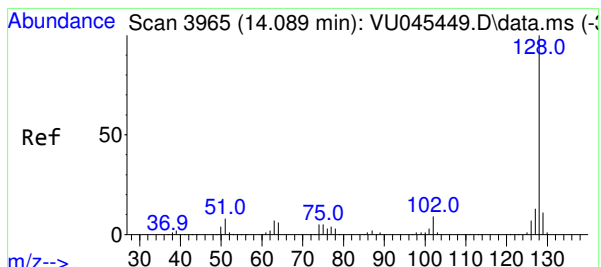
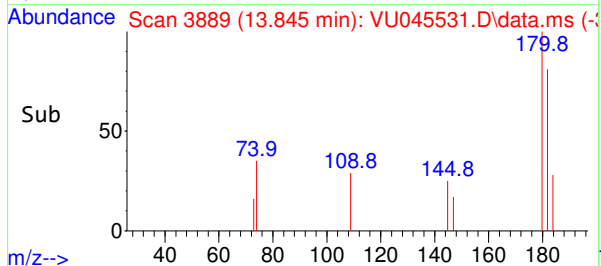
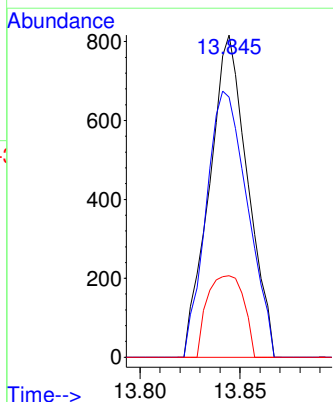
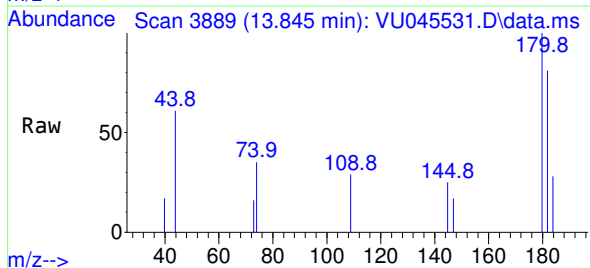




#93
1,2,4-Trichlorobenzene
Concen: 0.31 ug/l
RT: 13.845 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

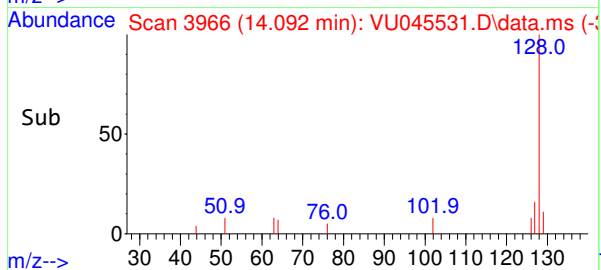
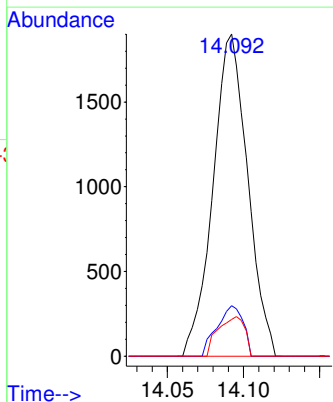
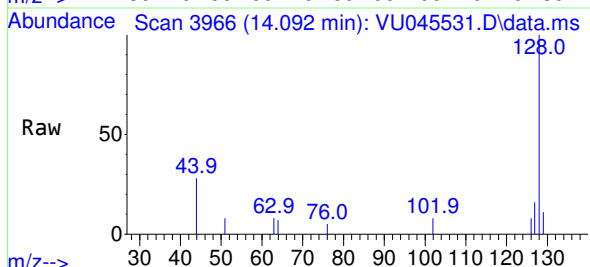
Instrument :
MSVOA_U
ClientSampleId :

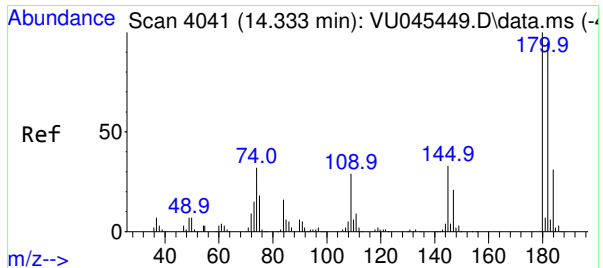
Tgt Ion:180 Resp: 1087
Ion Ratio Lower Upper
180 100
182 89.2 47.0 141.2
145 24.1 15.6 46.7



#95
Naphthalene
Concen: 0.31 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045531.D
Acq: 03 Nov 2021 19:47

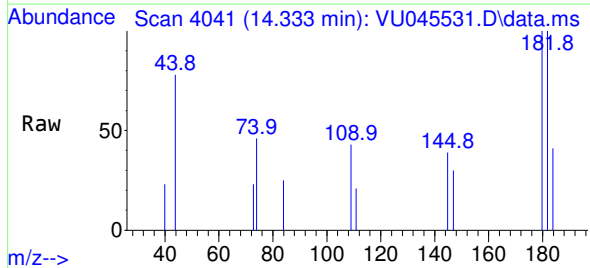
Tgt Ion:128 Resp: 3008
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 9.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.29 ug/l
 RT: 14.333 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: VU045531.D
 Acq: 03 Nov 2021 19:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1043
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.7	143.1
145	26.8	16.7	50.0

