

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045540.D
 Acq On : 03 Nov 2021 23:14
 Operator : SY/MD
 Sample : PB140448ZHE#06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 13:54:37 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)

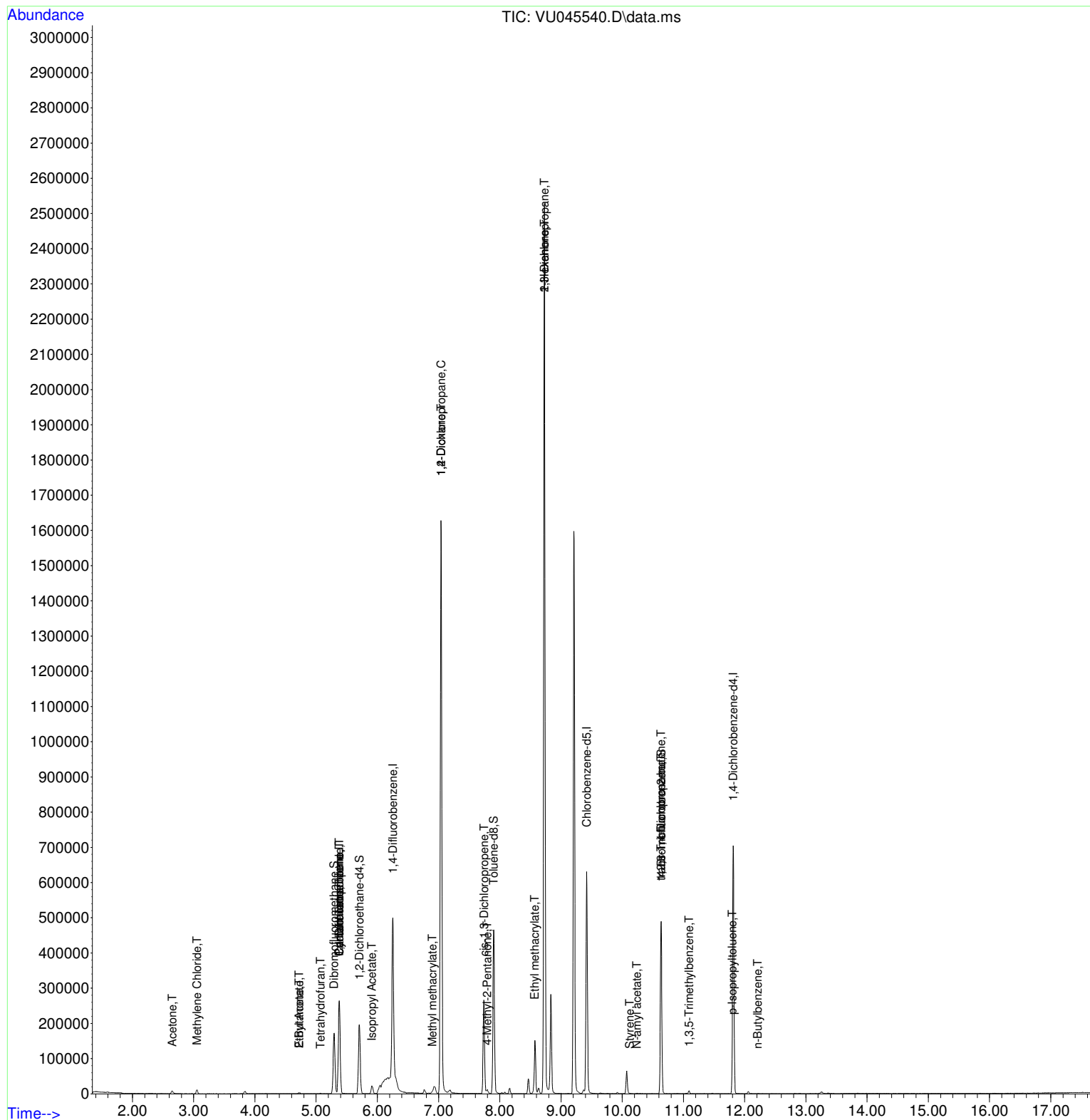
Internal Standards						
1) Pentafluorobenzene	5.379	168	181489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	366215	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	347825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	176483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	144402	48.87	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.74%		
35) Dibromofluoromethane	5.292	113	113842	48.89	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.78%		
50) Toluene-d8	7.899	98	321205	35.18	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	70.36%#		
62) 4-Bromofluorobenzene	10.636	95	176125	50.62	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.24%		
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	12553	9.36	ug/l	95
20) Methylene Chloride	3.054	84	6285	2.35	ug/l #	90
25) 2-Butanone	4.719	43	4450	2.20	ug/l	94
29) Tetrahydrofuran	5.070	42	854	0.65	ug/l #	70
31) Cyclohexane	5.379	56	4148	0.94	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	15403	4.42	ug/l #	49
37) Ethyl Acetate	4.719	43	4450	1.05	ug/l #	67
38) Carbon Tetrachloride	5.379	117	18538	6.10	ug/l #	16
43) Isopropyl Acetate	5.909	43	25629	4.03	ug/l	97
45) 1,2-Dichloropropane	7.041	63	2080	0.75	ug/l #	43
48) Methyl methacrylate	6.896	41	7930	2.63	ug/l #	13
49) 1,4-Dioxane	7.041	88	176	2.30	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	7463	1.81	ug/l	89
54) cis-1,3-Dichloropropene	7.742	75	51046	11.82	ug/l #	56
56) Ethyl methacrylate	8.571	69	838	1.81	ug/l #	1
57) 1,3-Dichloropropane	8.729	76	26863	5.81	ug/l #	43
59) 2-Hexanone	8.729	43	303746	95.33	ug/l #	50
70) Styrene	10.118	104	133	0.99	ug/l #	25
74) N-amyl acetate	10.237	43	753	1.27	ug/l #	40
76) 1,2,3-Trichloropropane	10.632	75	87173	18.54	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.089	105	4804	0.48	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.632	75	87173	51.69	ug/l #	12
86) p-Isopropyltoluene	11.793	119	276	0.21	ug/l #	1
89) n-Butylbenzene	12.211	91	398	0.97	ug/l #	83

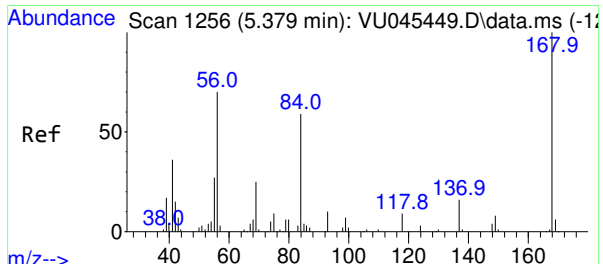
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
Data File : VU045540.D
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Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
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Quant Time: Nov 05 13:54:37 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

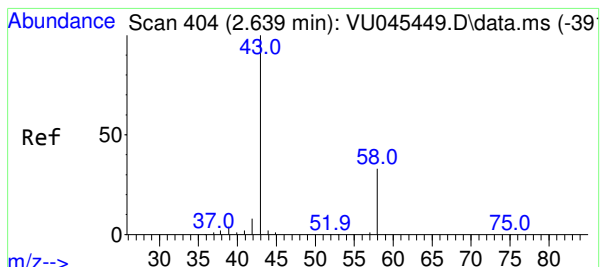
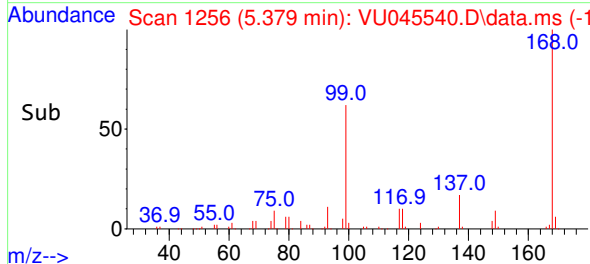
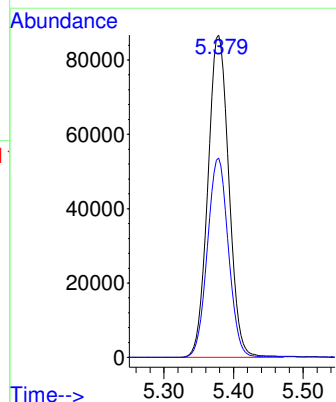
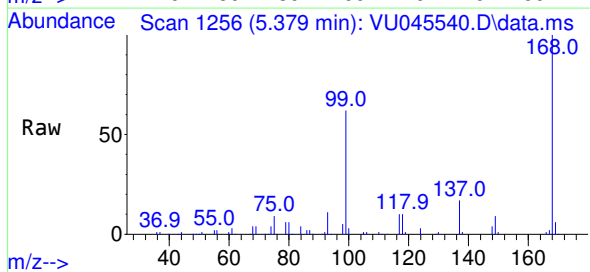




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

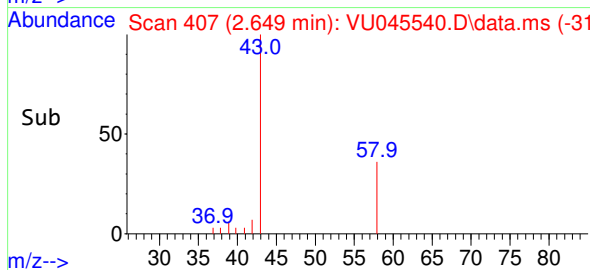
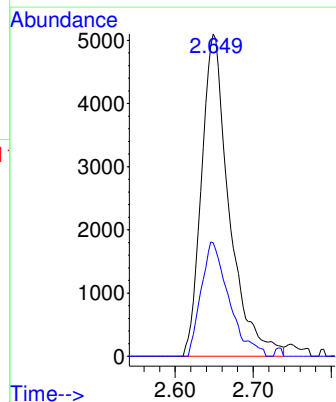
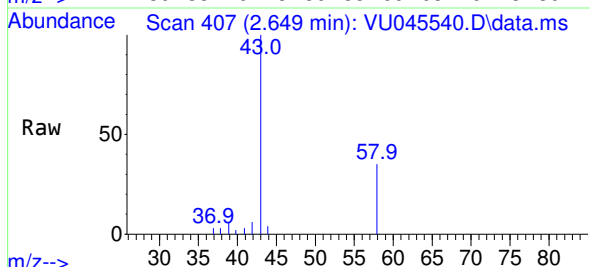
Instrument :
MSVOA_U
ClientSampleId :

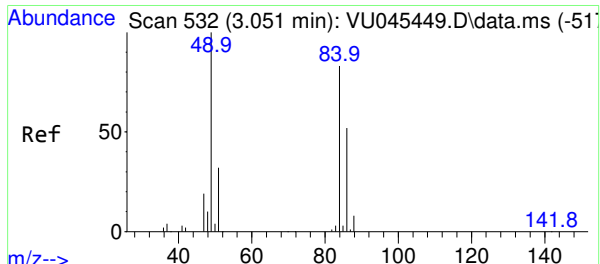
Tgt Ion:168 Resp: 181489
Ion Ratio Lower Upper
168 100
99 61.9 51.0 76.6



#16
Acetone
Concen: 9.36 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

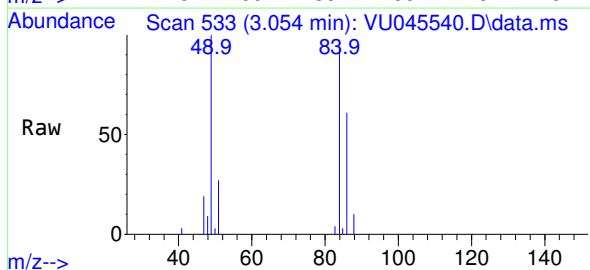
Tgt Ion: 43 Resp: 12553
Ion Ratio Lower Upper
43 100
58 35.3 26.2 39.2





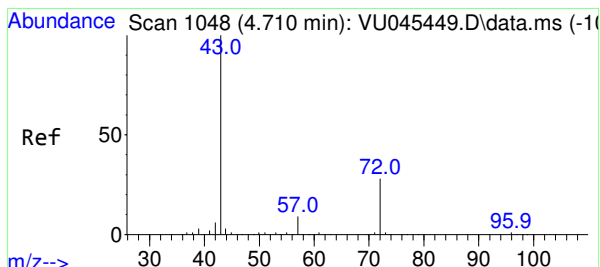
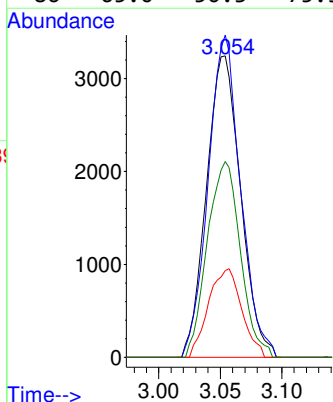
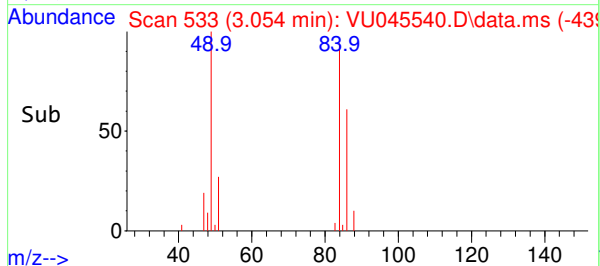
#20
Methylene Chloride
Concen: 2.35 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6285

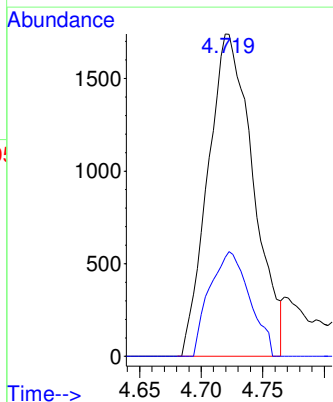
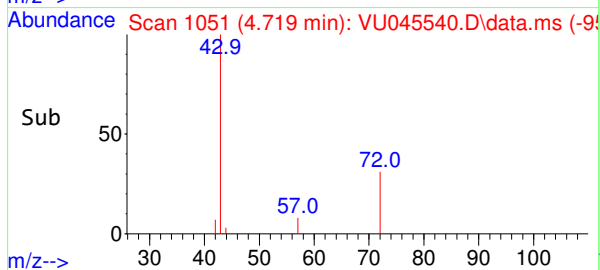
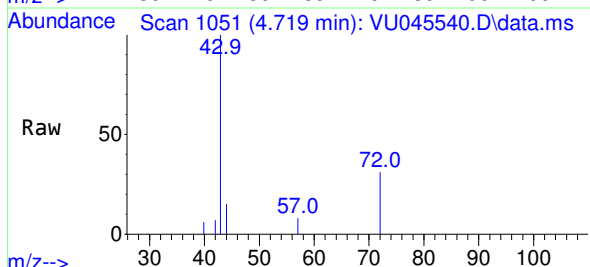
Ion	Ratio	Lower	Upper
84	100		
49	106.9	96.4	144.6
51	28.8	30.5	45.7#
86	65.0	50.3	75.5

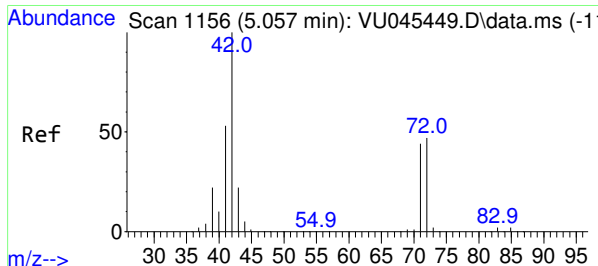


#25
2-Butanone
Concen: 2.20 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 43 Resp: 4450

Ion	Ratio	Lower	Upper
43	100		
72	30.7	22.0	33.0

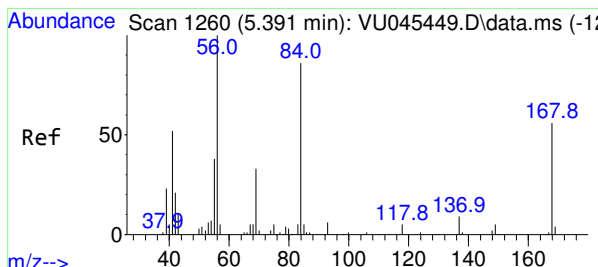
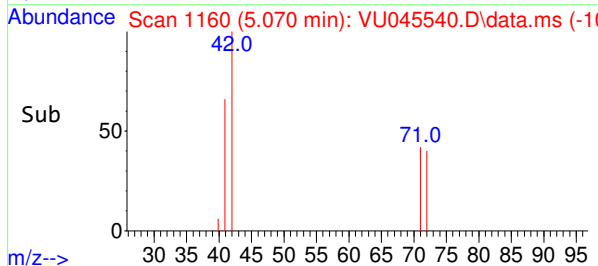
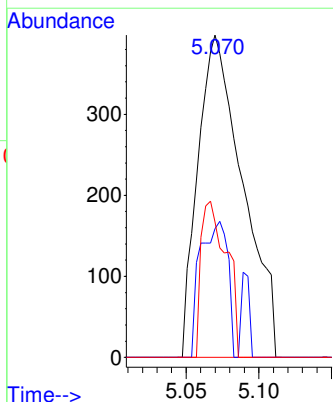
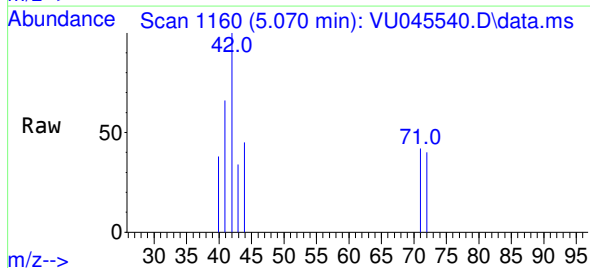




#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 5.070 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

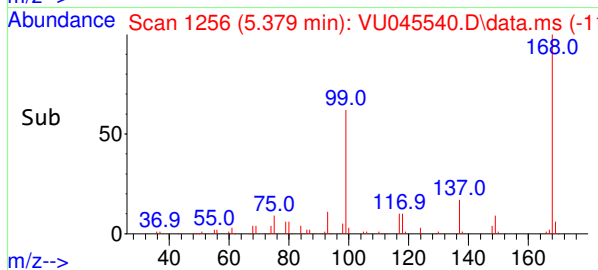
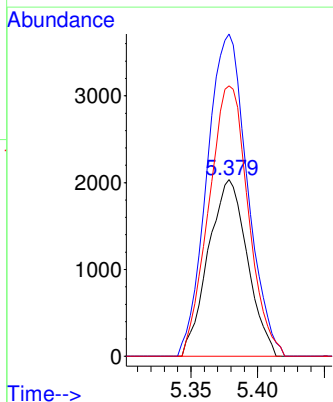
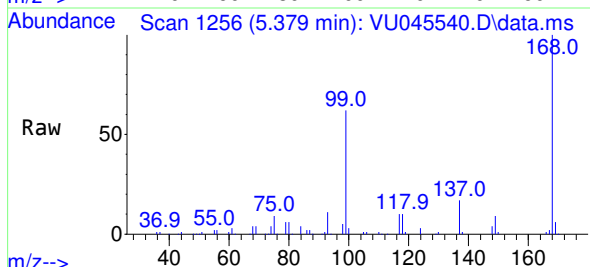
Instrument :
MSVOA_U
ClientSampleId :

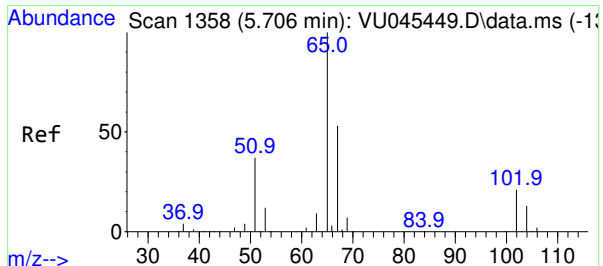
Tgt Ion:	42	Resp:	854
Ion	Ratio	Lower	Upper
42	100		
72	25.8	38.2	57.4#
71	27.3	35.4	53.2#



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion:	56	Resp:	4148
Ion	Ratio	Lower	Upper
56	100		
69	182.4	26.4	39.6#
84	152.9	68.4	102.6#

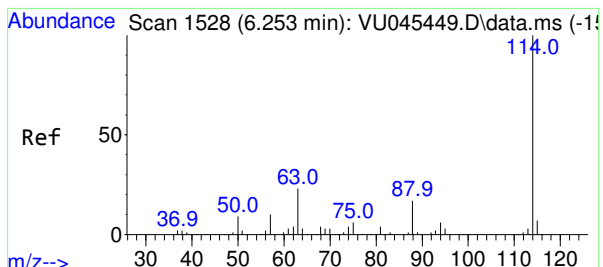
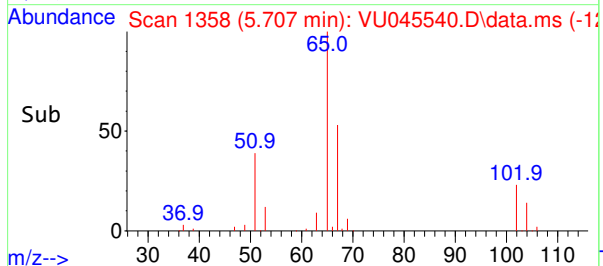
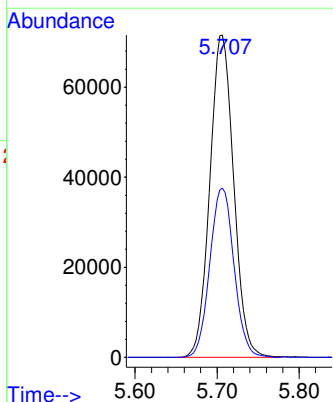
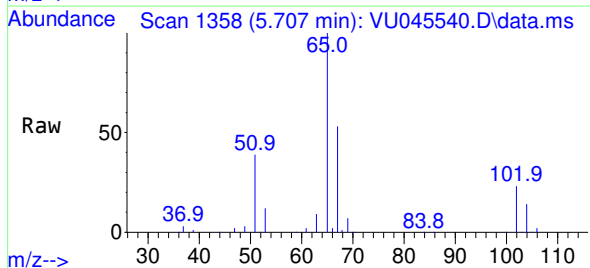




#33
1,2-Dichloroethane-d4
Concen: 48.87 ug/l
RT: 5.707 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

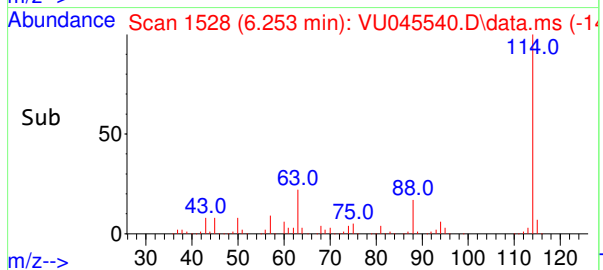
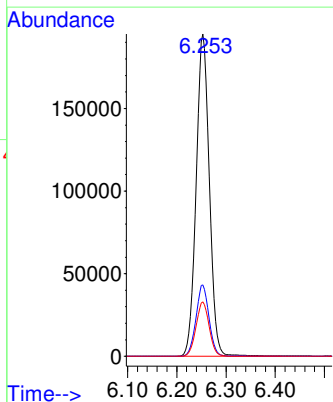
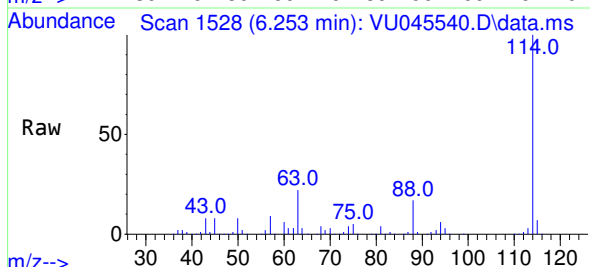
Instrument :
MSVOA_U
ClientSampleId :

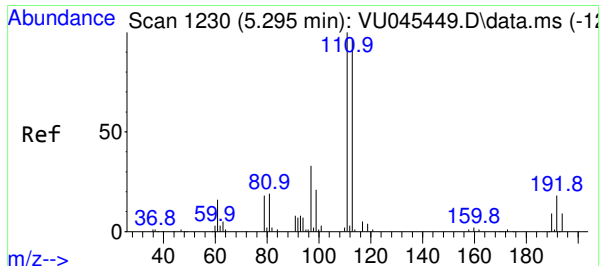
Tgt Ion: 65 Resp: 144402
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 114 Resp: 366215
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 16.9 0.0 33.8

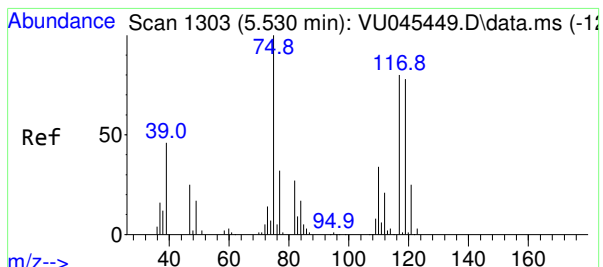
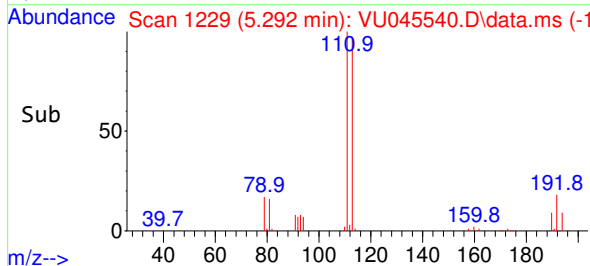
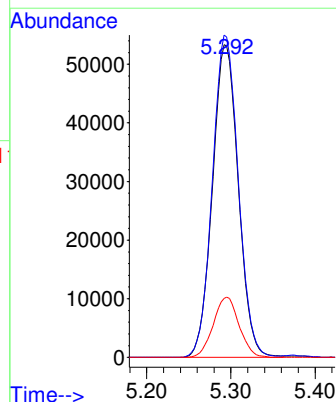
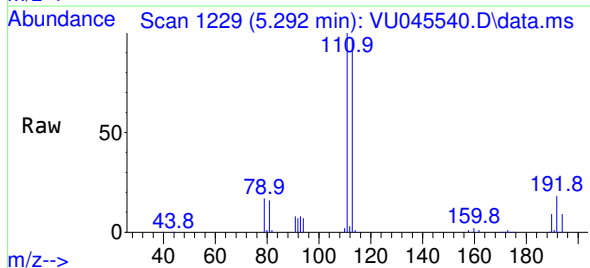




#35
Dibromofluoromethane
Concen: 48.89 ug/l
RT: 5.292 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

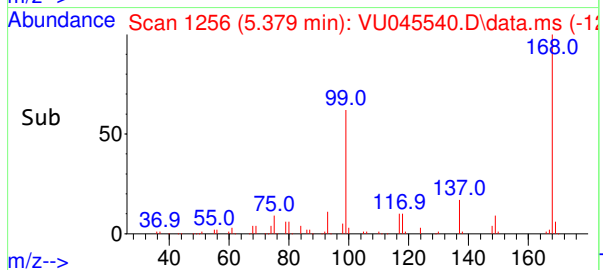
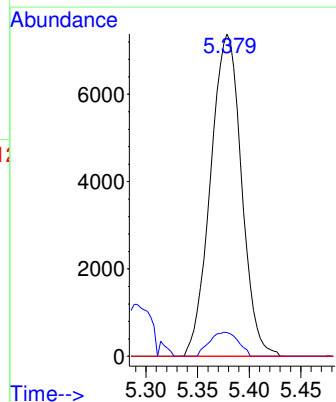
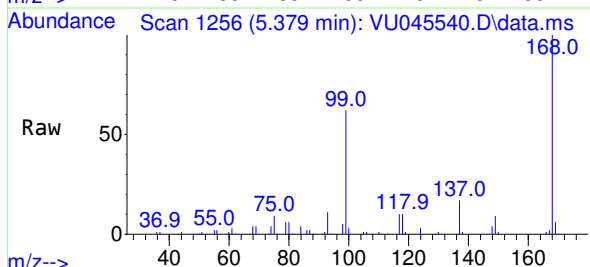
Instrument :
MSVOA_U
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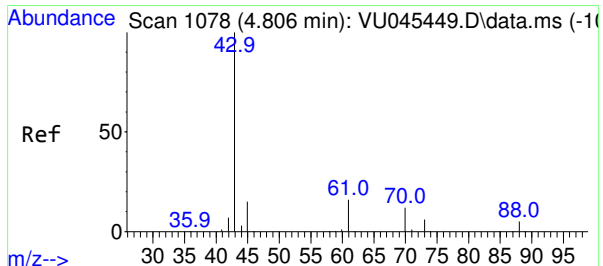
Tgt Ion:113 Resp: 113842
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 75 Resp: 15403
Ion Ratio Lower Upper
75 100
110 6.9 16.7 50.0#
77 0.0 25.0 37.4#

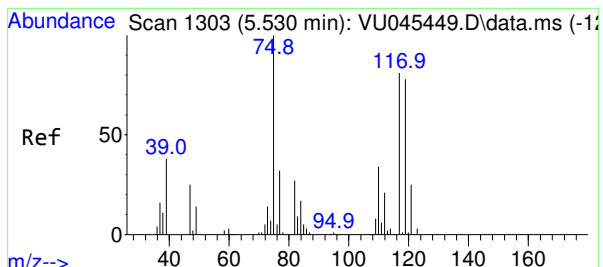
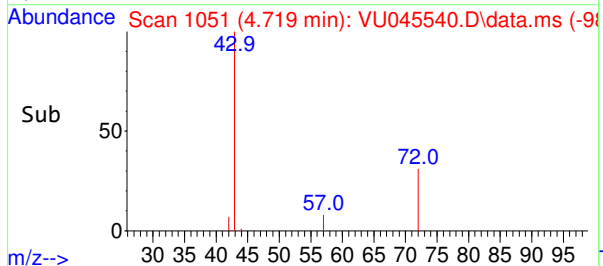
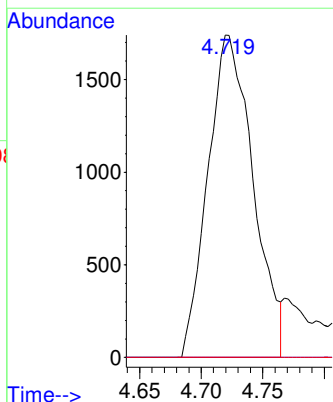
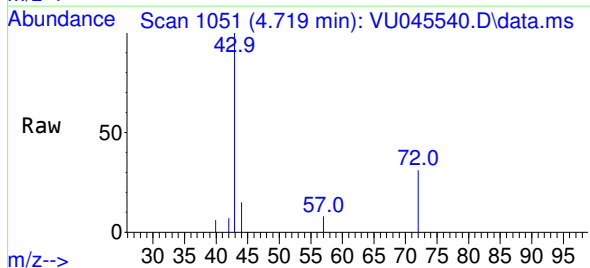




#37
Ethyl Acetate
Concen: 1.05 ug/l
RT: 4.719 min Scan# 1
Delta R.T. -0.087 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

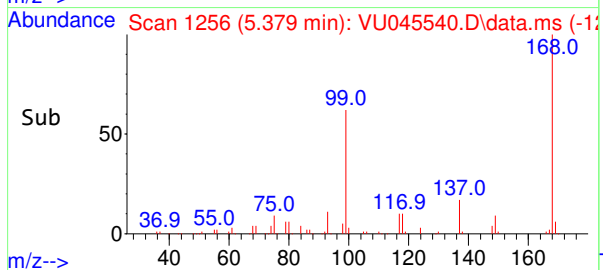
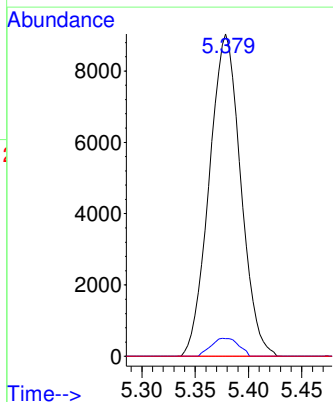
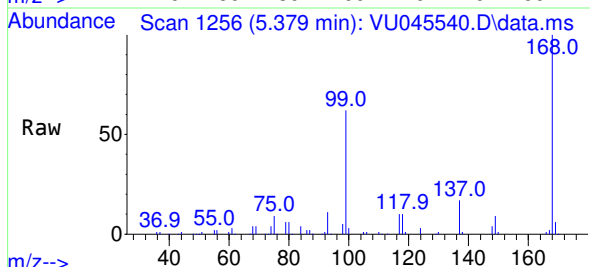
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ClientSampleId :

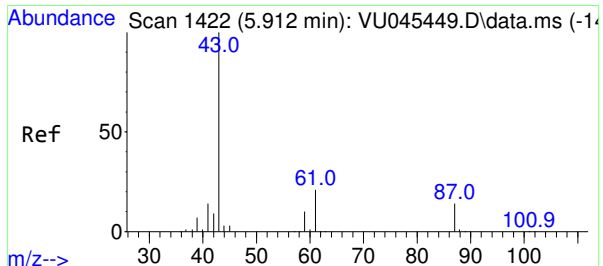
Tgt Ion: 43 Resp: 4450
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 117 Resp: 18538
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 24.8 37.2#

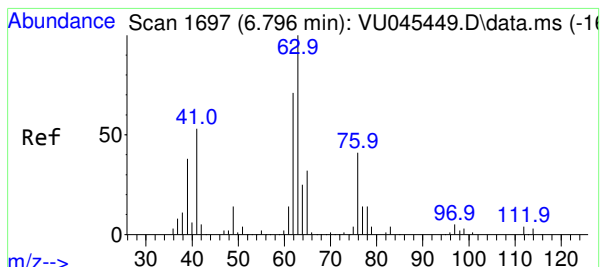
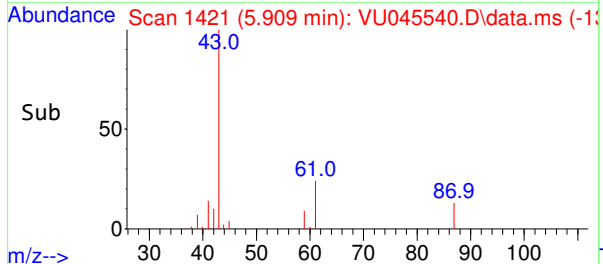
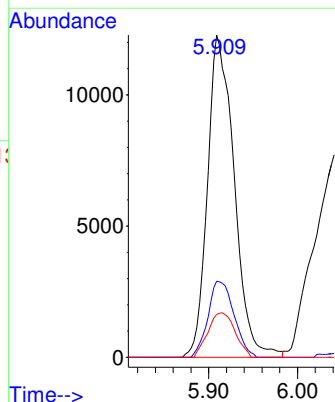
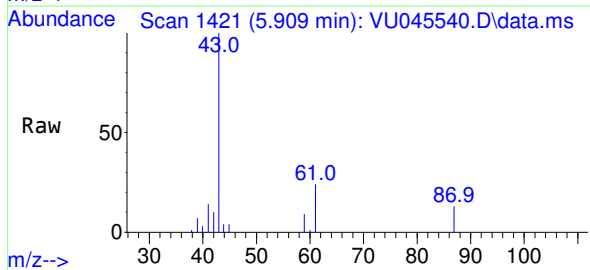




#43
Isopropyl Acetate
Concen: 4.03 ug/l
RT: 5.909 min Scan# 1773
Delta R.T. -0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

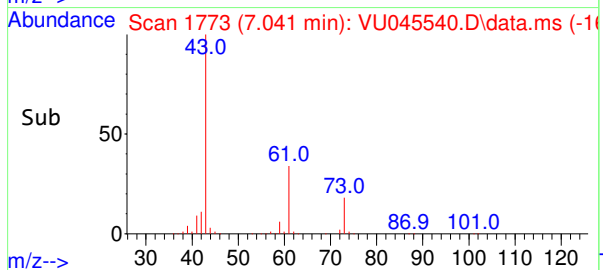
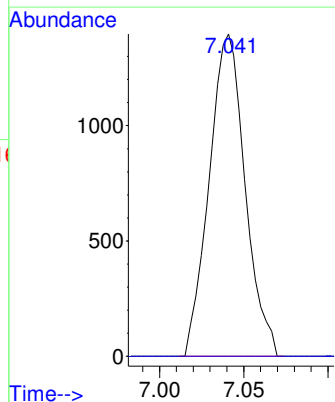
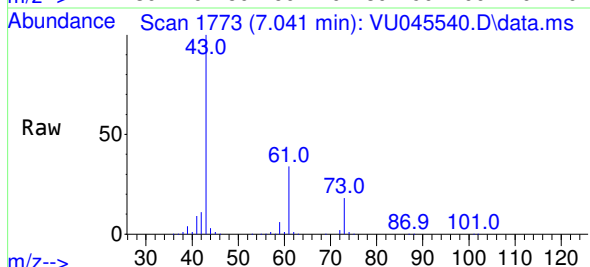
Instrument :
MSVOA_U
ClientSampleId :

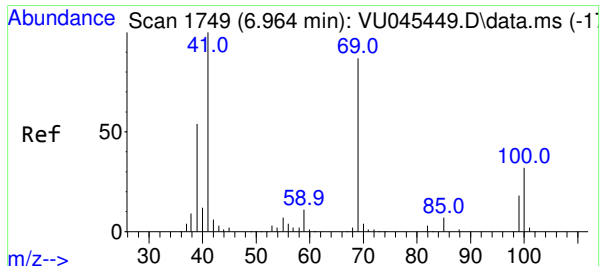
Tgt Ion:	43	Resp:	25629
Ion	Ratio	Lower	Upper
43	100		
61	23.0	16.9	25.3
87	14.1	11.0	16.4



#45
1,2-Dichloropropane
Concen: 0.75 ug/l
RT: 7.041 min Scan# 1773
Delta R.T. 0.244 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion:	63	Resp:	2080
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.7	38.5#

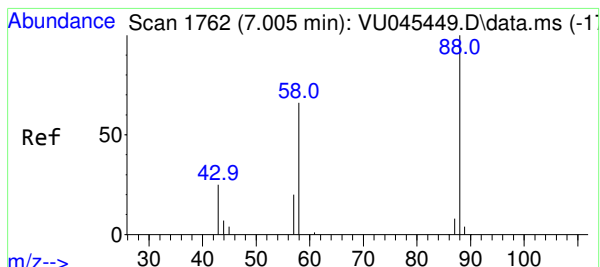
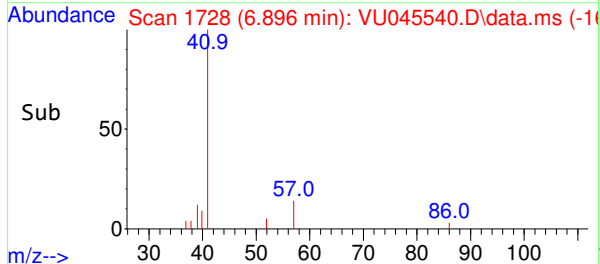
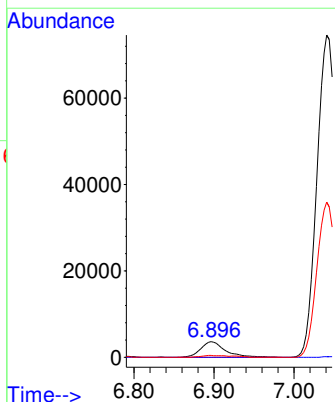
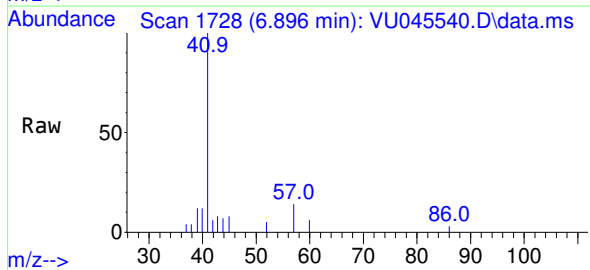




#48
Methyl methacrylate
Concen: 2.63 ug/l
RT: 6.896 min Scan# 1
Delta R.T. -0.067 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

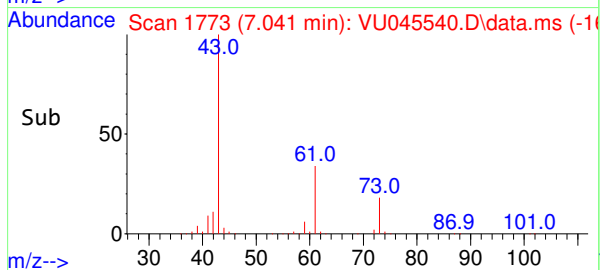
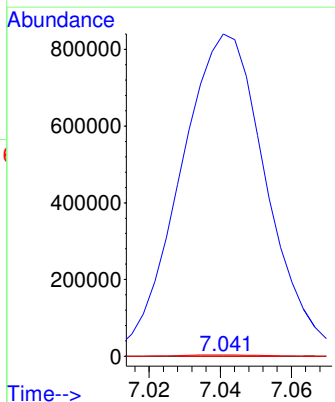
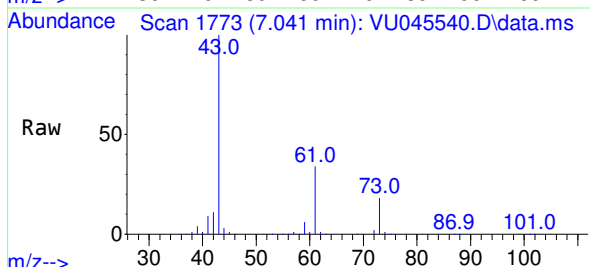
Instrument :
MSVOA_U
ClientSampleId :

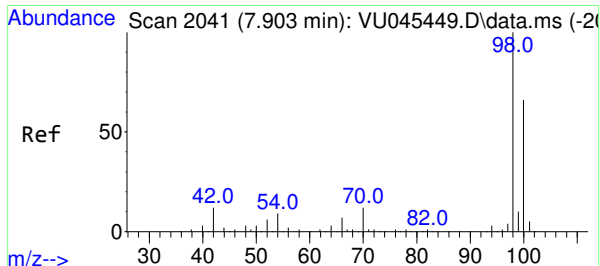
Tgt Ion: 41 Resp: 7930
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.2#
39 0.0 43.9 65.9#



#49
1,4-Dioxane
Concen: 2.30 ug/l
RT: 7.041 min Scan# 1773
Delta R.T. 0.035 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 88 Resp: 176
Ion Ratio Lower Upper
88 100
43 821883.5 0.0 0.0#
58 3695.5 58.7 88.1#

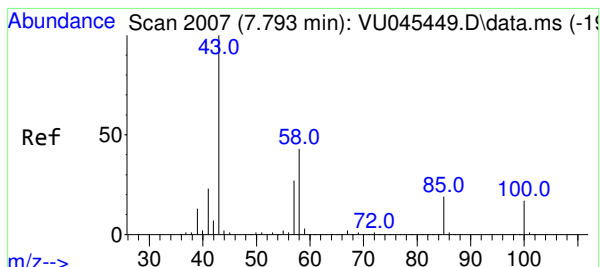
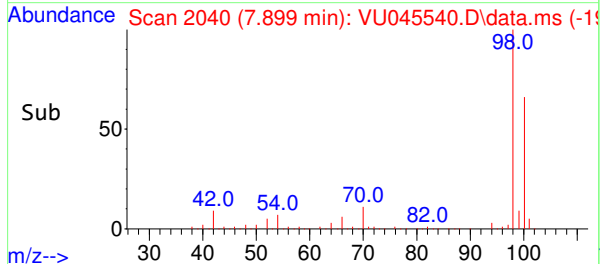
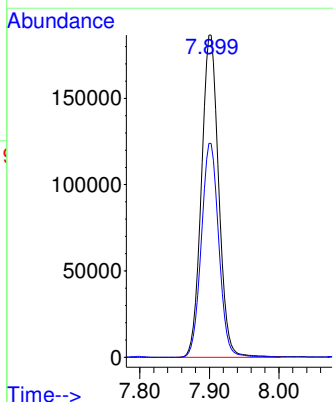
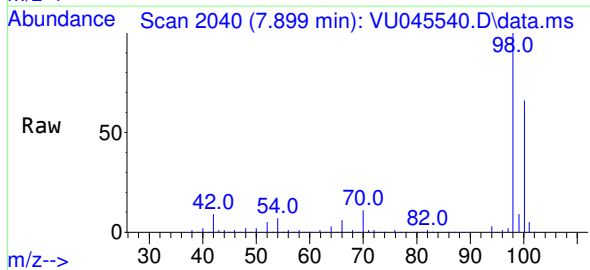




#50
Toluene-d8
Concen: 35.18 ug/l
RT: 7.899 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

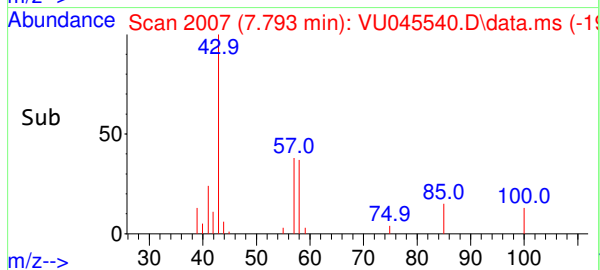
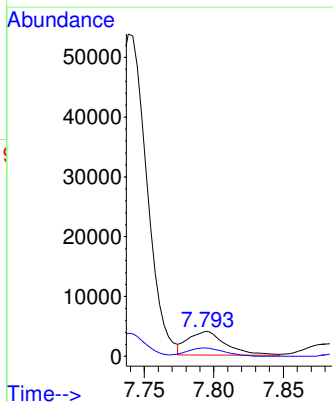
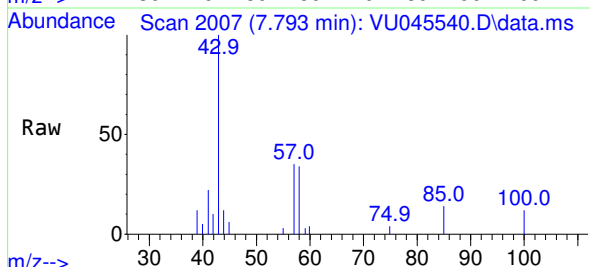
Instrument :
MSVOA_U
ClientSampleId :

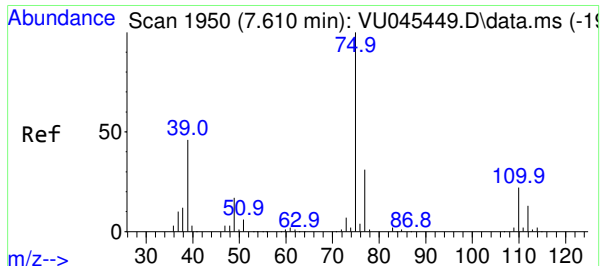
Tgt Ion: 98 Resp: 321205
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.81 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 43 Resp: 7463
Ion Ratio Lower Upper
43 100
58 35.1 33.8 50.8





#54

cis-1,3-Dichloropropene

Concen: 11.82 ug/l

RT: 7.742 min Scan# 1

Delta R.T. 0.132 min

Lab File: VU045540.D

Acq: 03 Nov 2021 23:14

Instrument :

MSVOA_U

ClientSampleId :

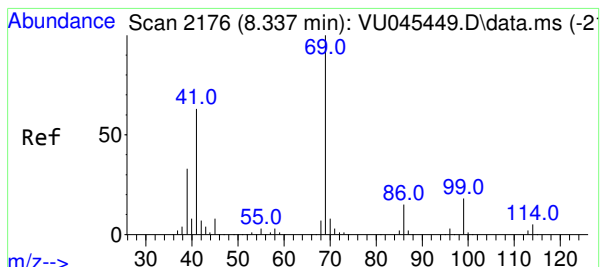
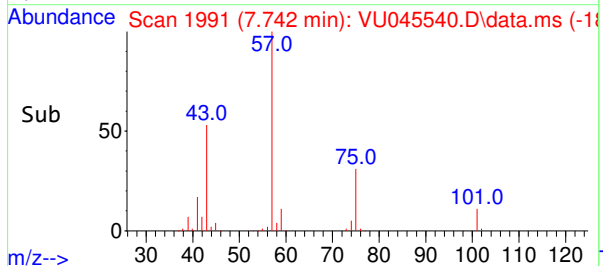
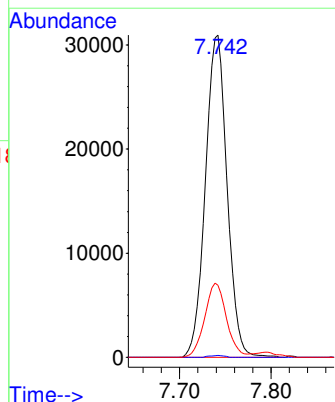
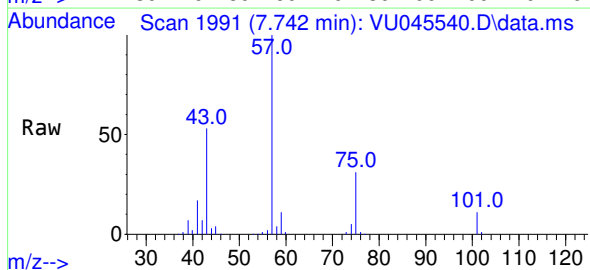
Tgt Ion: 75 Resp: 51046

Ion Ratio Lower Upper

75 100

77 0.6 24.6 37.0#

39 22.3 37.1 55.7#



#56

Ethyl methacrylate

Concen: 1.81 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. 0.234 min

Lab File: VU045540.D

Acq: 03 Nov 2021 23:14

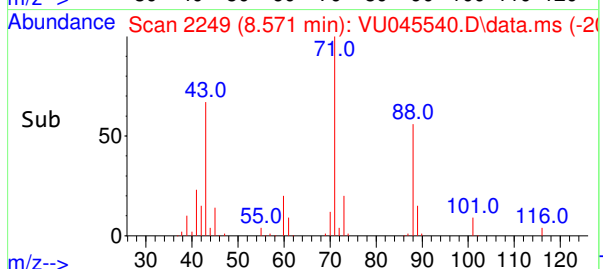
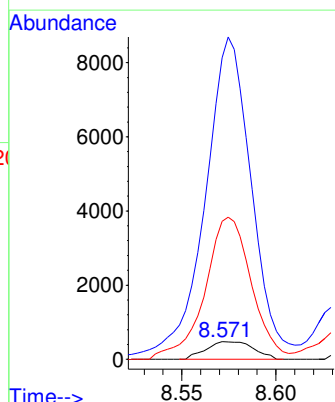
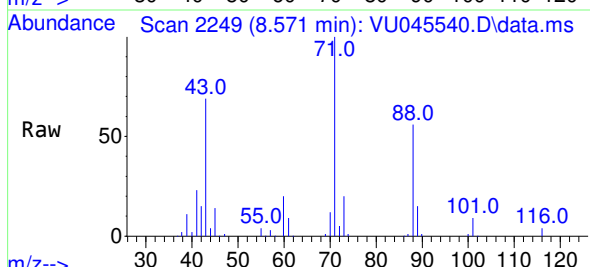
Tgt Ion: 69 Resp: 838

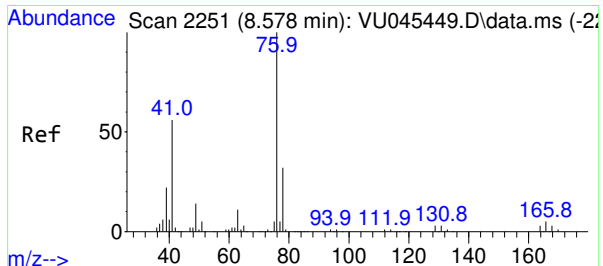
Ion Ratio Lower Upper

69 100

41 1725.4 51.0 76.4#

39 784.5 26.6 39.8#

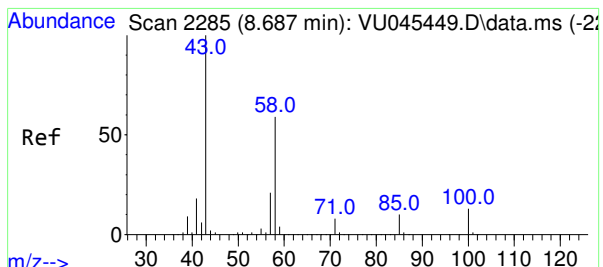
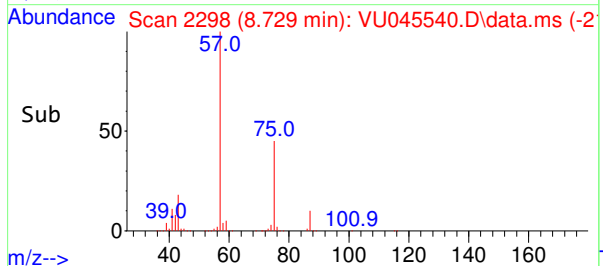
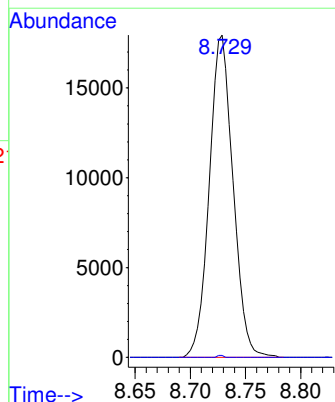
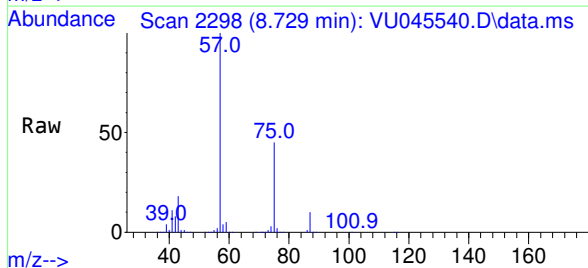




#57
1,3-Dichloropropane
Concen: 5.81 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.151 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

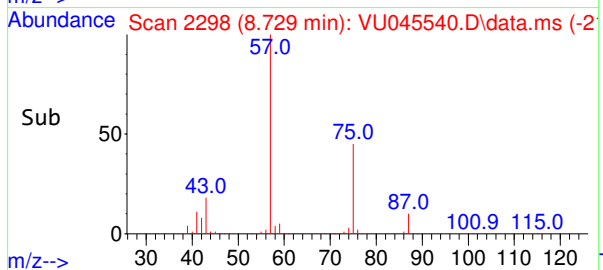
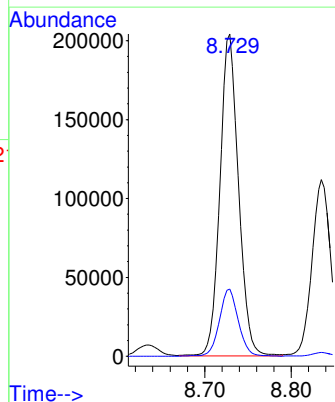
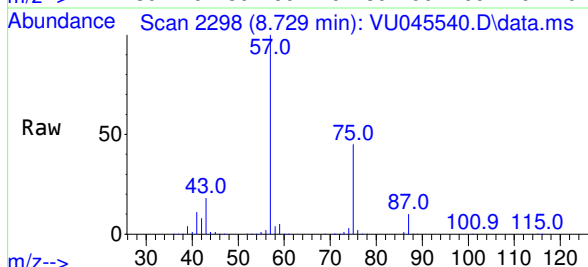
Instrument :
MSVOA_U
ClientSampleId :

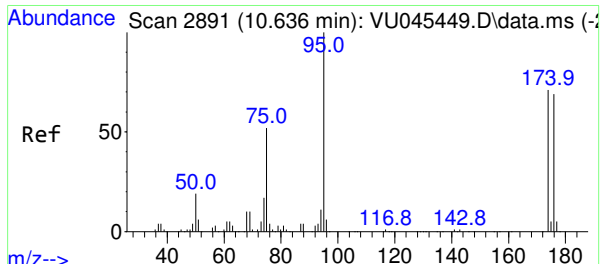
Tgt Ion: 76 Resp: 26863
Ion Ratio Lower Upper
76 100
78 0.2 25.8 38.8#



#59
2-Hexanone
Concen: 95.33 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.042 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 43 Resp: 303746
Ion Ratio Lower Upper
43 100
58 21.5 29.5 88.6#

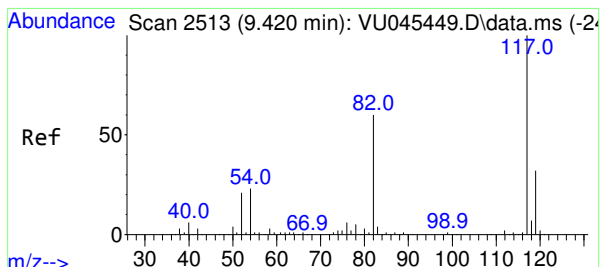
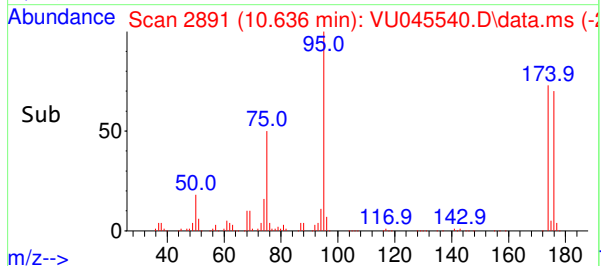
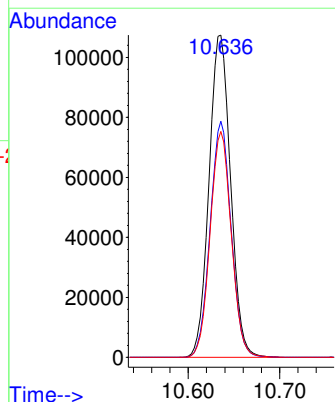
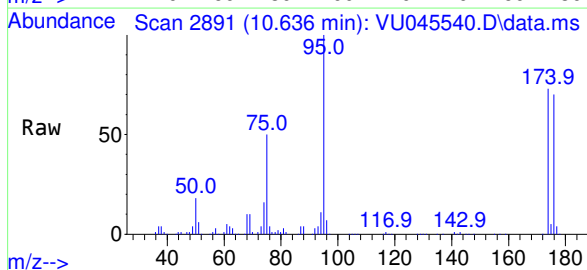




#62
4-Bromofluorobenzene
Concen: 50.62 ug/l
RT: 10.636 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

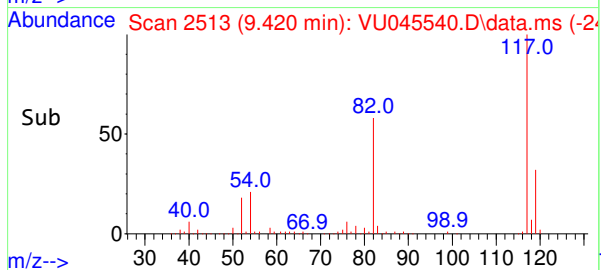
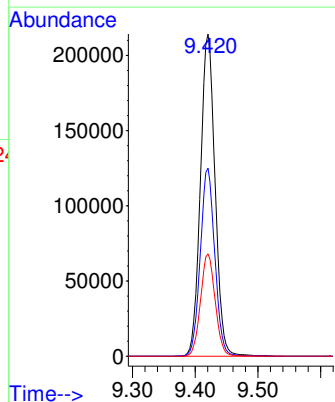
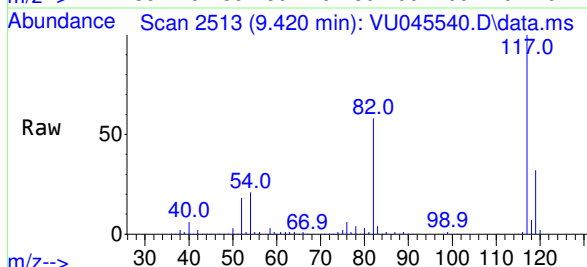
Instrument :
MSVOA_U
ClientSampleId :

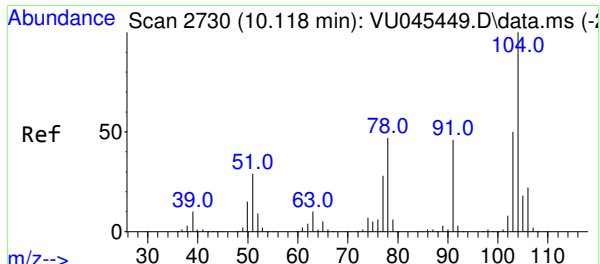
Tgt Ion:	95	Resp:	176125
Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.8
176	68.7	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion:	117	Resp:	347825
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.8
119	31.8	25.8	38.8

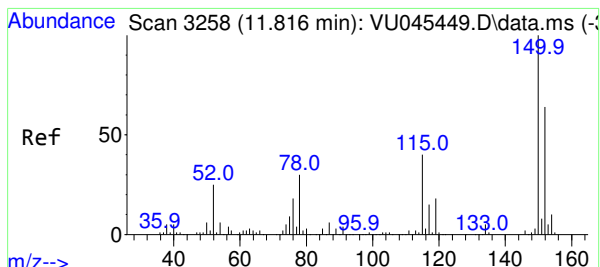
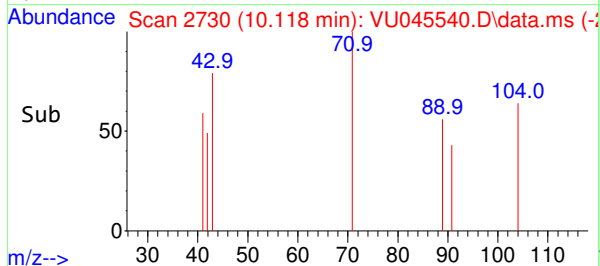
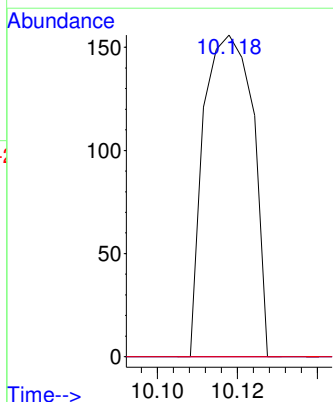
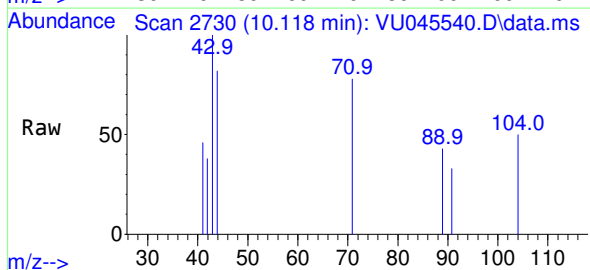




#70
Styrene
Concen: 0.99 ug/l
RT: 10.118 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

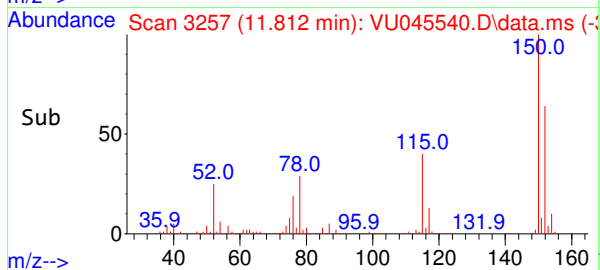
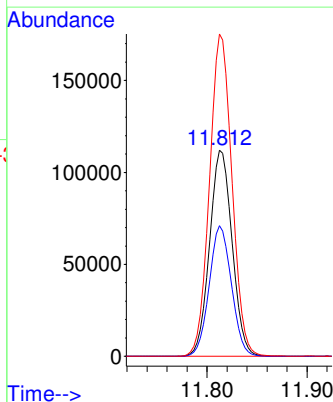
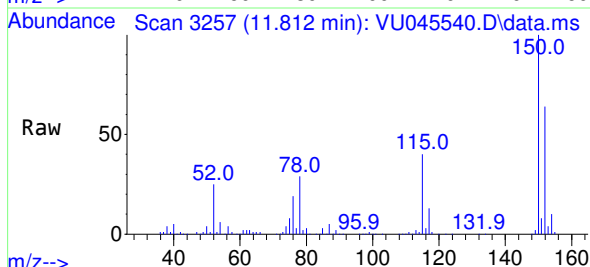
Instrument :
MSVOA_U
ClientSampleId :

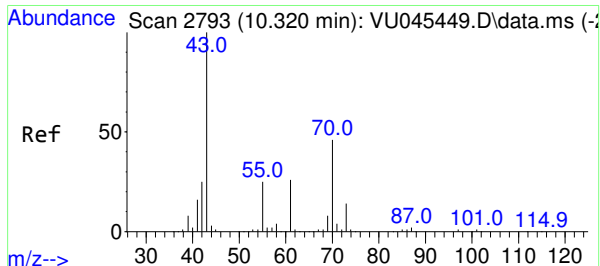
Tgt Ion:104 Resp: 133
Ion Ratio Lower Upper
104 100
78 0.0 41.8 62.6#
103 0.0 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion:152 Resp: 176483
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 155.4 0.0 346.8

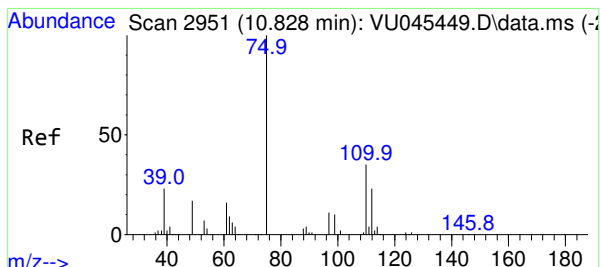
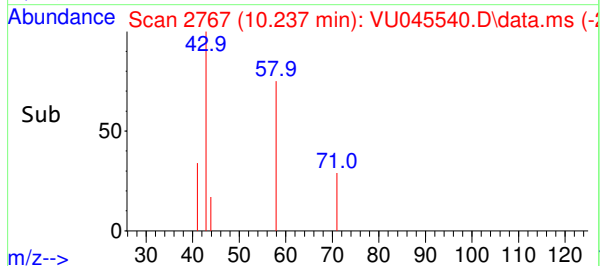
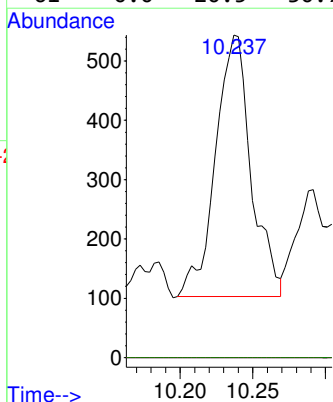
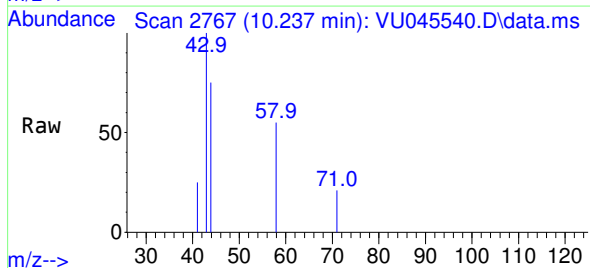




#74
N-amyI acetate
Concen: 1.27 ug/l
RT: 10.237 min Scan# 21
Delta R.T. -0.083 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

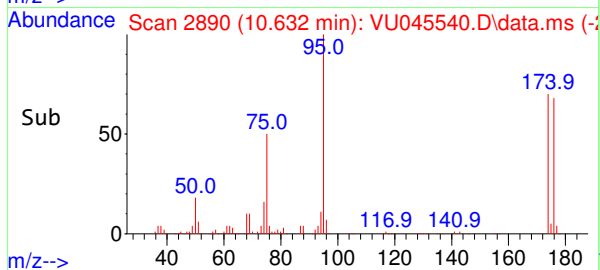
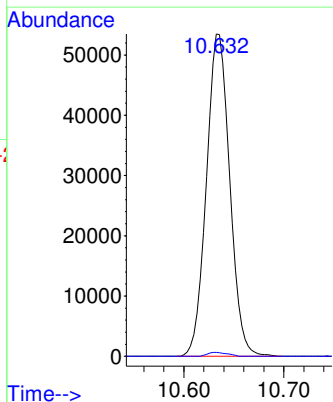
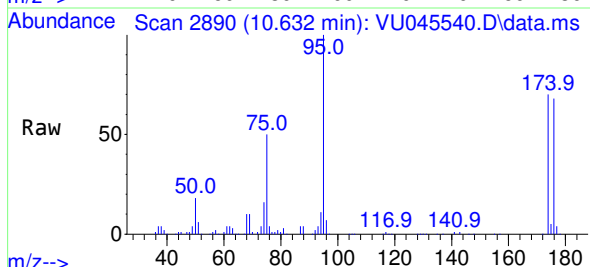
Instrument :
MSVOA_U
ClientSampleId :

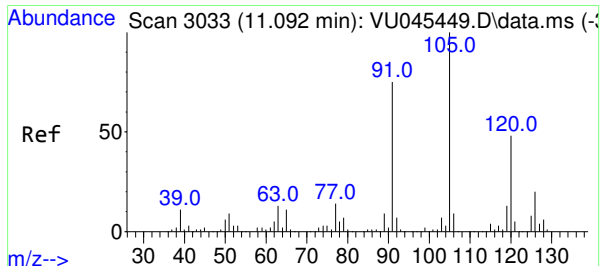
Tgt Ion:	43	Resp:	753
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.9	55.3#
55	0.0	20.6	31.0#
61	0.0	20.5	30.7#



#76
1,2,3-Trichloropropane
Concen: 18.54 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion:	75	Resp:	87173
Ion	Ratio	Lower	Upper
75	100		
77	1.0	17.1	51.3#

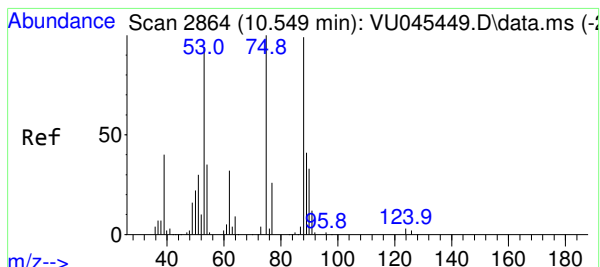
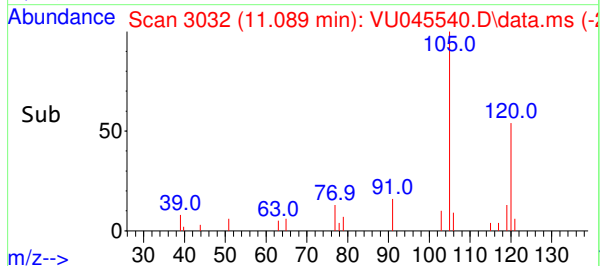
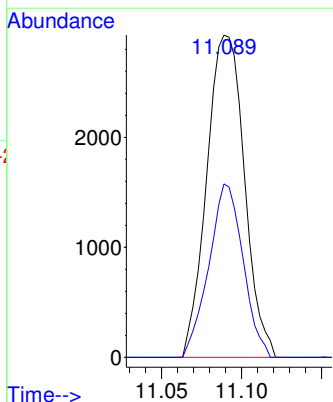
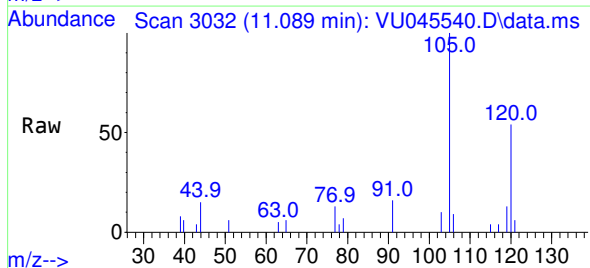




#80
1,3,5-Trimethylbenzene
Concen: 0.48 ug/l
RT: 11.089 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

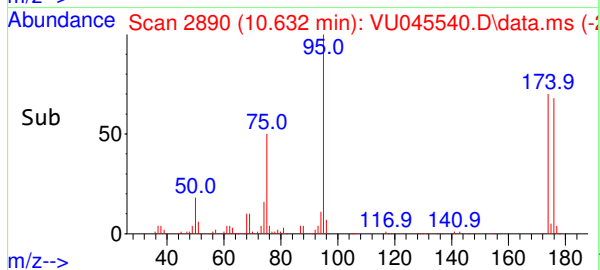
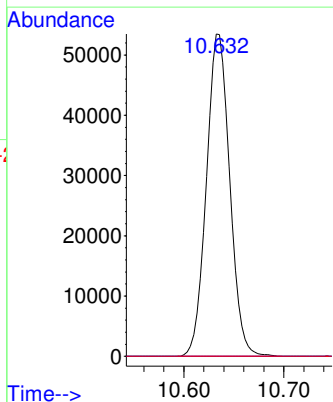
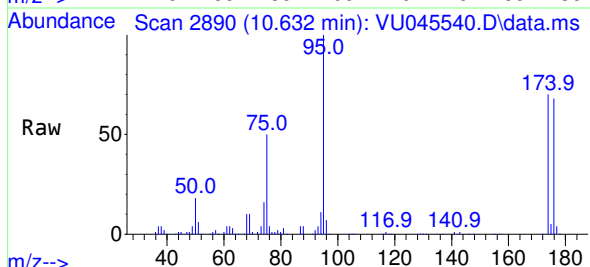
Instrument :
MSVOA_U
ClientSampleId :

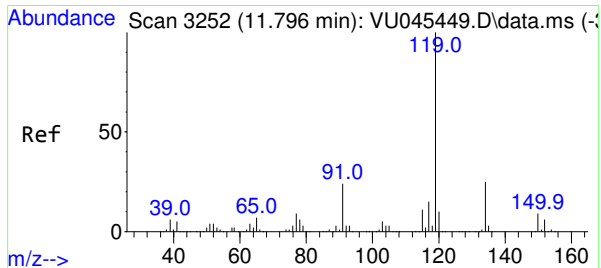
Tgt Ion: 105 Resp: 4804
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.8



#81
trans-1,4-Dichloro-2-butene
Concen: 51.69 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion: 75 Resp: 87173
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

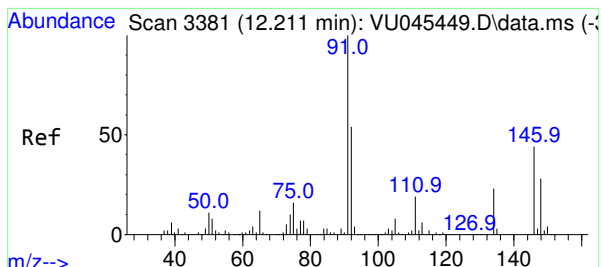
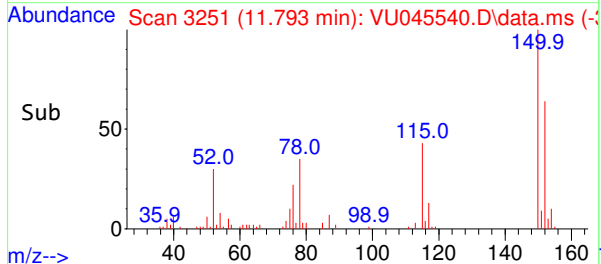
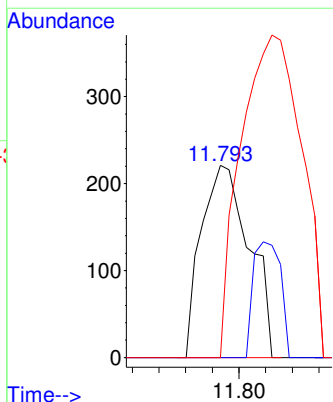
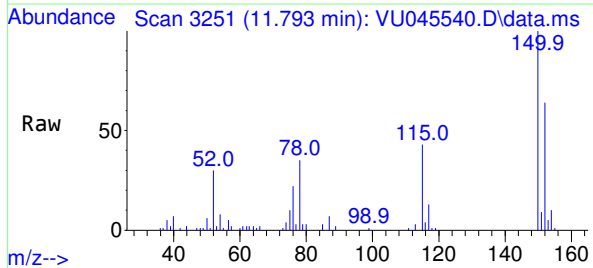




#86
p-Isopropyltoluene
Concen: 0.21 ug/l
RT: 11.793 min Scan# 3252
Delta R.T. -0.003 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:	119	Resp:	276
Ion	Ratio	Lower	Upper
119	100		
134	34.1	12.7	38.1
91	213.0	12.2	36.4#



#89
n-Butylbenzene
Concen: 0.97 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045540.D
Acq: 03 Nov 2021 23:14

Tgt Ion:	91	Resp:	398
Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.1	81.2
134	0.0	11.8	35.4#

