

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042780.D
 Acq On : 25 Mar 2021 13:17
 Operator : SY/MD
 Sample : PB1355335ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#02

Quant Time: Mar 26 02:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

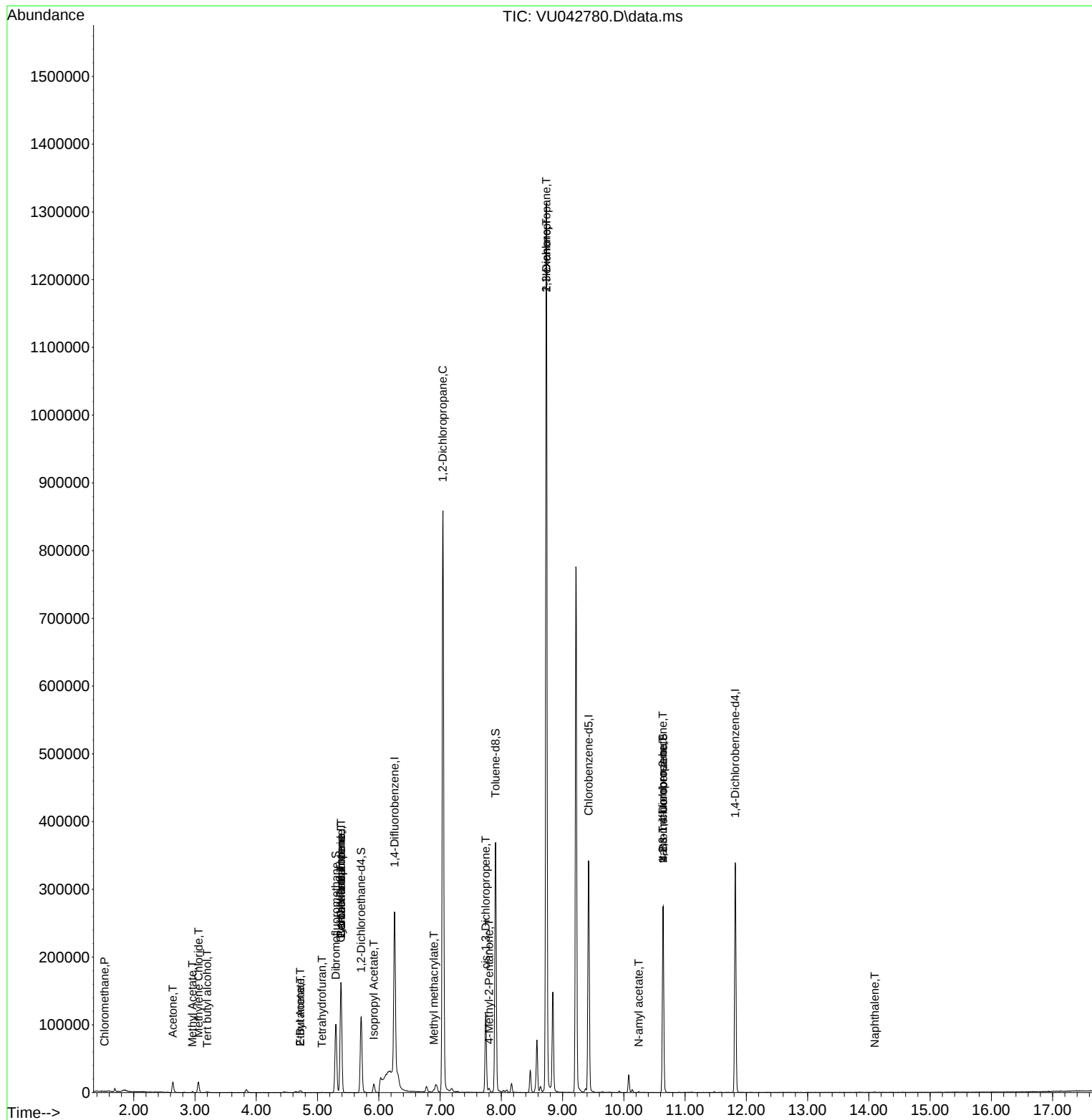
Internal Standards						
1) Pentafluorobenzene	5.382	168	111960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	179522	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	175568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	88545	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	5.298	113	61564	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	7.906	98	225694	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.642	95	80990	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	373	0.26	ug/l #	81
5) Bromomethane	1.861	94	177	Below Cal		92
6) Chloroethane	1.851	64	40	Below Cal #		43
11) Tert butyl alcohol	3.199	59	1315	3.45	ug/l #	74
16) Acetone	2.639	43	19286	8.30	ug/l	99
18) Methyl Acetate	2.957	43	1819	0.89	ug/l #	80
20) Methylene Chloride	3.057	84	6798	5.29	ug/l	90
25) 2-Butanone	4.716	43	5324	3.67	ug/l	99
29) Tetrahydrofuran	5.073	42	203	0.23	ug/l #	38
31) Cyclohexane	5.379	56	2651	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	9223	5.19	ug/l #	49
37) Ethyl Acetate	4.716	43	5324	1.93	ug/l #	72
38) Carbon Tetrachloride	5.382	117	10783	5.32	ug/l #	18
43) Isopropyl Acetate	5.919	43	13325	3.21	ug/l	98
45) 1,2-Dichloropropane	7.044	63	842	0.60	ug/l #	45
48) Methyl methacrylate	6.899	41	5044	2.52	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	3879	1.34	ug/l	92
54) cis-1,3-Dichloropropene	7.745	75	16933	7.48	ug/l #	68
57) 1,3-Dichloropropane	8.735	76	11582	4.83	ug/l #	42
59) 2-Hexanone	8.735	43	203388	88.08	ug/l #	56
74) N-amyl acetate	10.243	43	917	0.31	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	46040	21.64	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	46040	64.12	ug/l #	6
95) Naphthalene	14.099	128	857	2.72	ug/l #	68

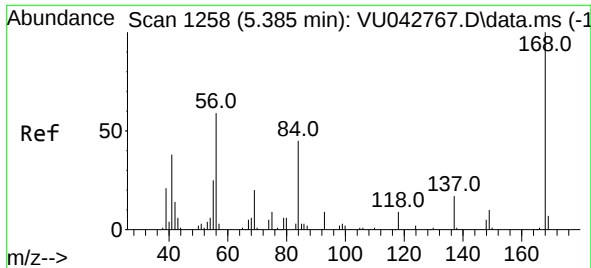
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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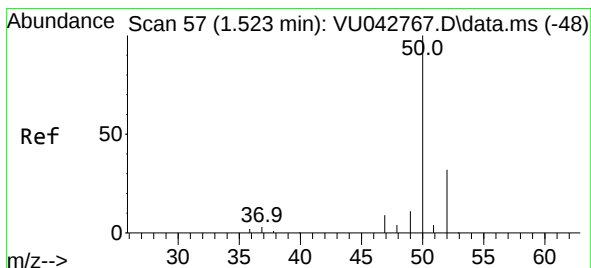
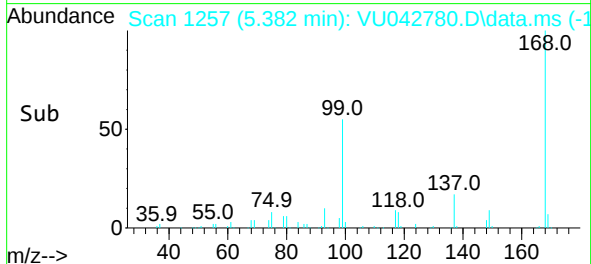
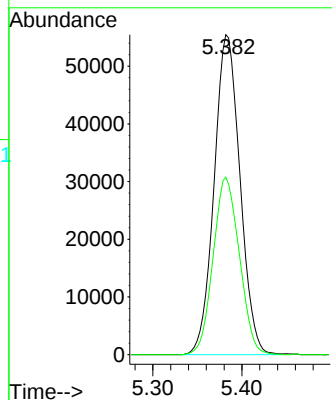
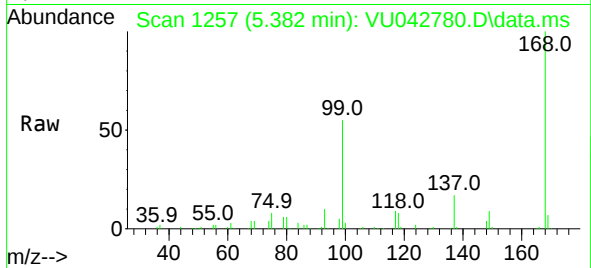




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

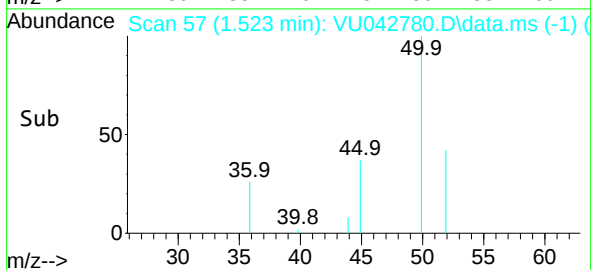
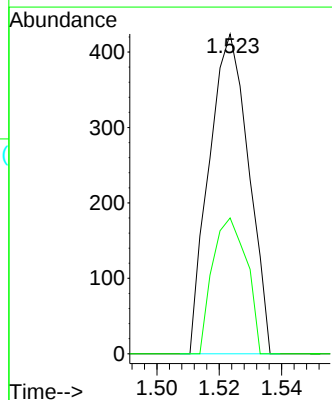
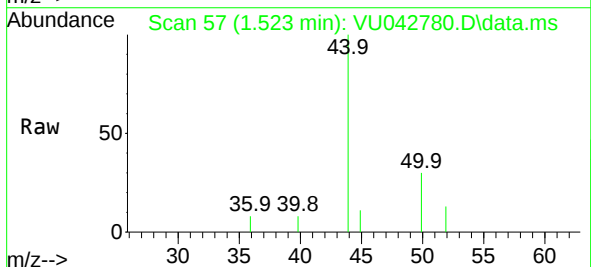
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

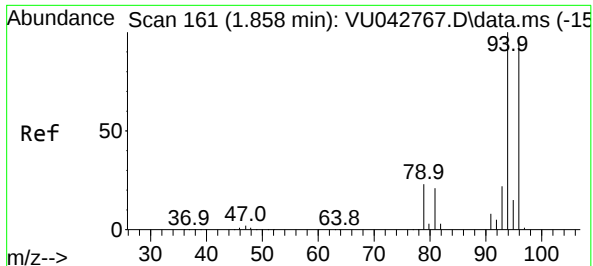
Tgt Ion:168 Resp: 111960
Ion Ratio Lower Upper
168 100
99 55.5 46.4 69.6



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 42.5 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.861 min Scan# 162

Delta R.T. 0.003 min

Lab File: VU042780.D

Acq: 25 Mar 2021 13:17

Tgt Ion: 94 Resp: 177

Ion Ratio Lower Upper

94 100

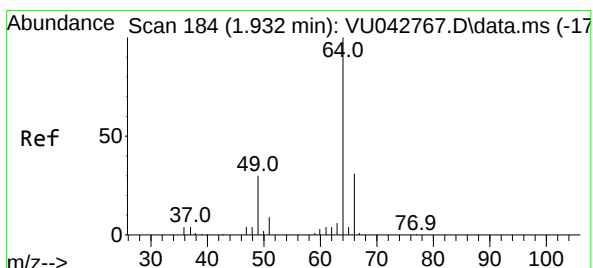
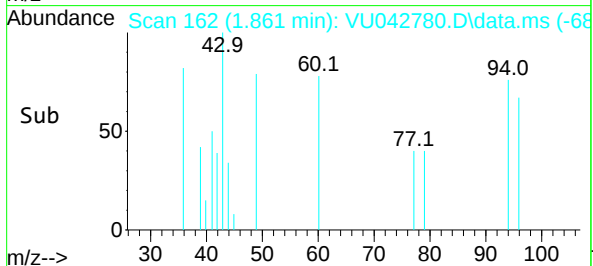
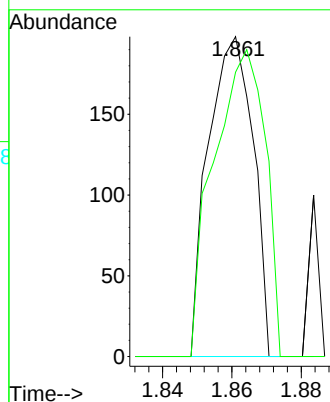
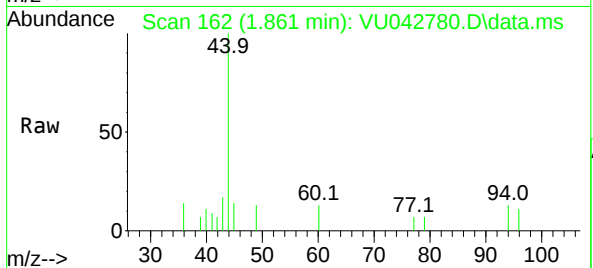
96 88.9 77.1 115.7

Instrument :

MSVOA_U

ClientSampleId :

PB1355335ZHE#02



#6

Chloroethane

Concen: Below Cal

RT: 1.851 min Scan# 159

Delta R.T. -0.081 min

Lab File: VU042780.D

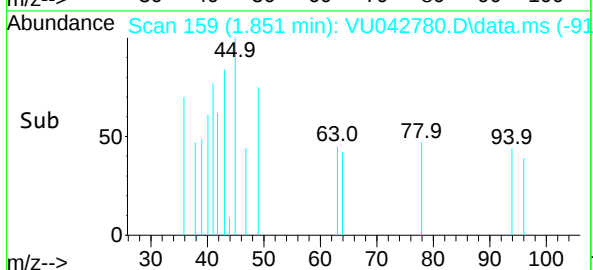
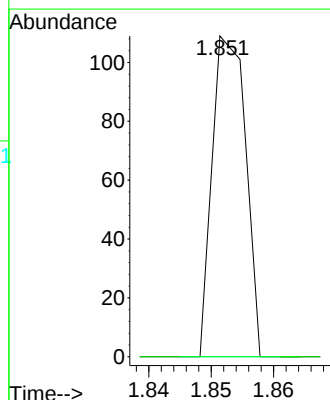
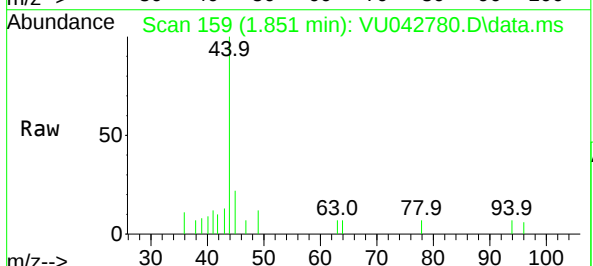
Acq: 25 Mar 2021 13:17

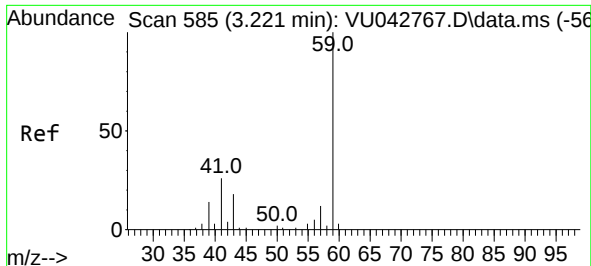
Tgt Ion: 64 Resp: 40

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#

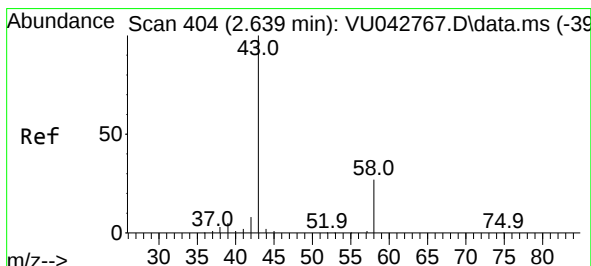
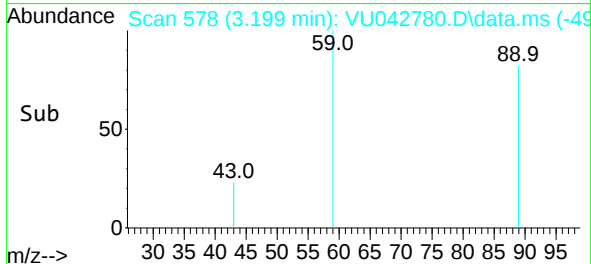
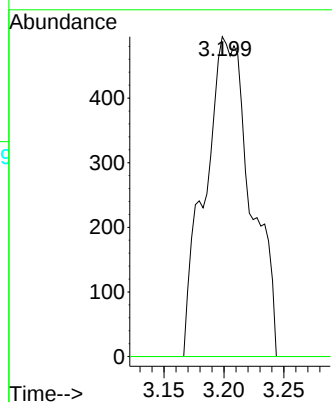
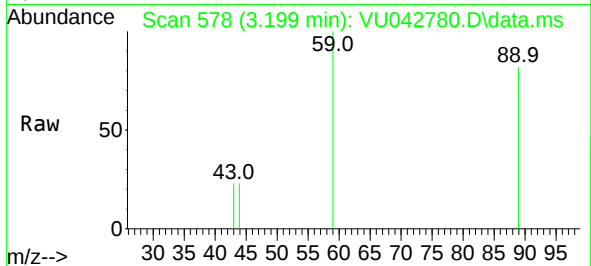




#11
Tert butyl alcohol
Concen: 3.45 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.023 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

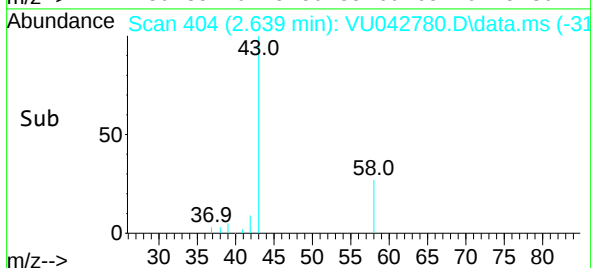
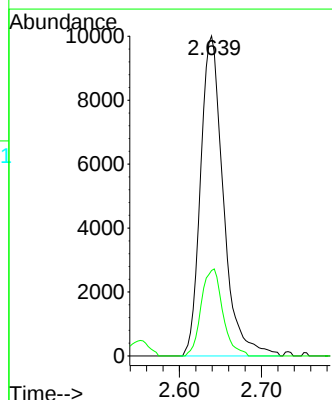
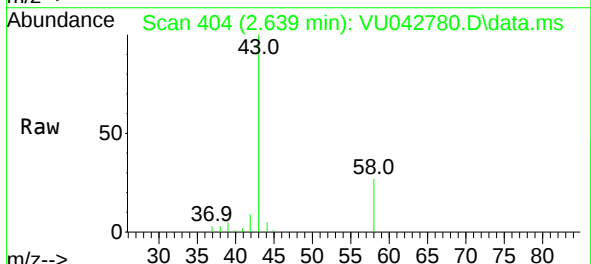
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

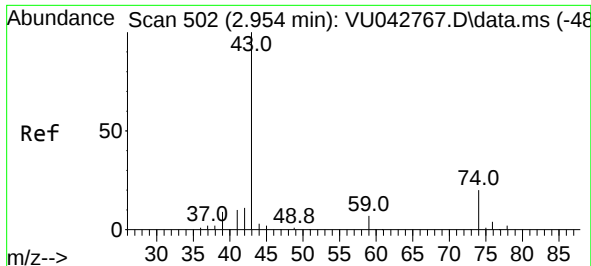
Tgt Ion: 59 Resp: 1315
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 8.30 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 43 Resp: 19286
Ion Ratio Lower Upper
43 100
58 26.7 21.6 32.4

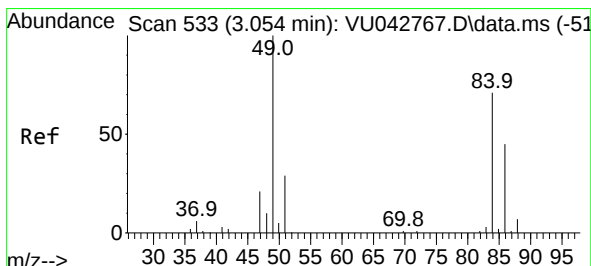
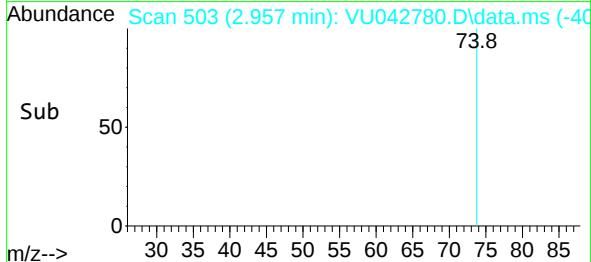
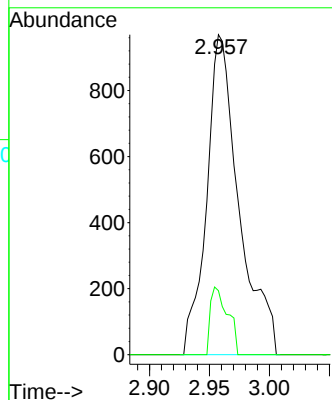
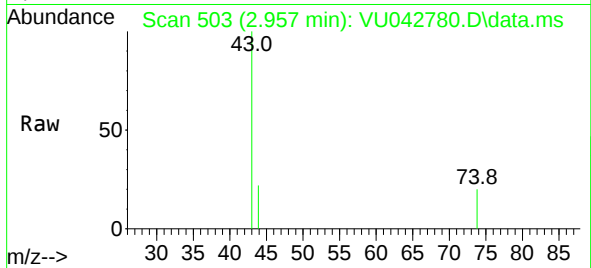




#18
Methyl Acetate
Concen: 0.89 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

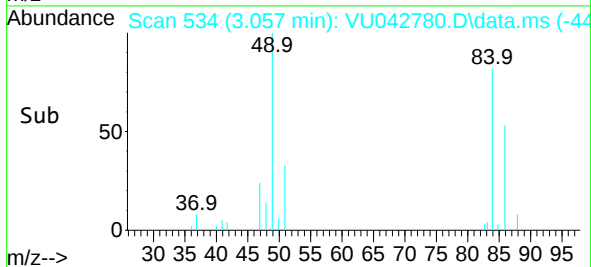
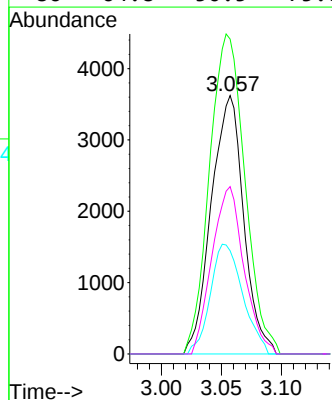
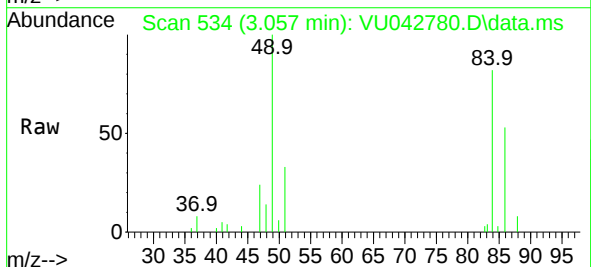
Instrument :
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ClientSampleId :
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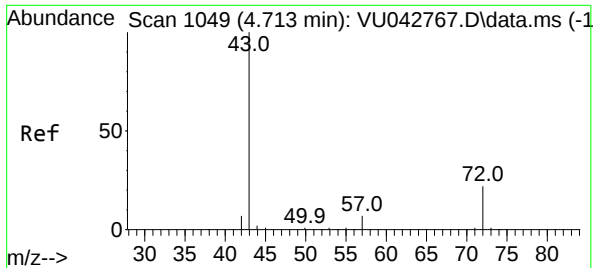
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
74 11.3 16.2 24.4#



#20
Methylene Chloride
Concen: 5.29 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 84 Resp: 6798
Ion Ratio Lower Upper
84 100
49 121.9 113.0 169.4
51 40.0 32.9 49.3
86 64.8 50.5 75.7

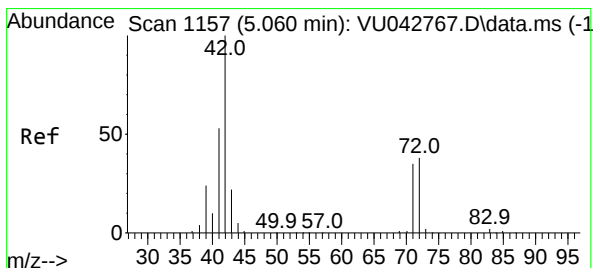
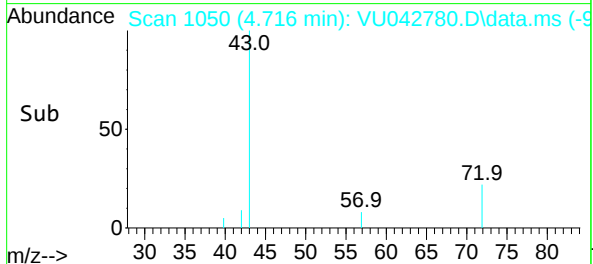
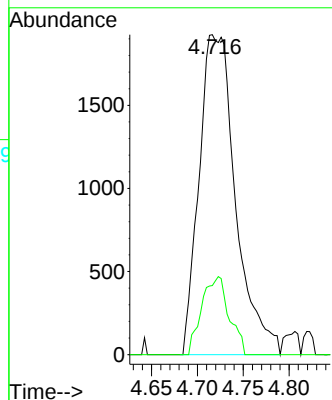
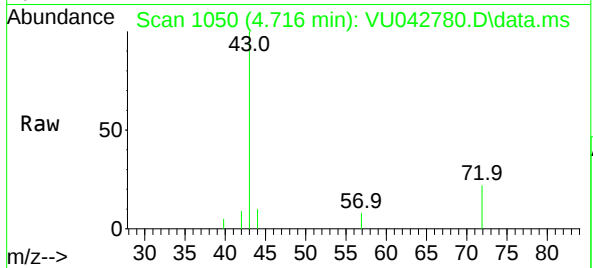




#25
2-Butanone
Concen: 3.67 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

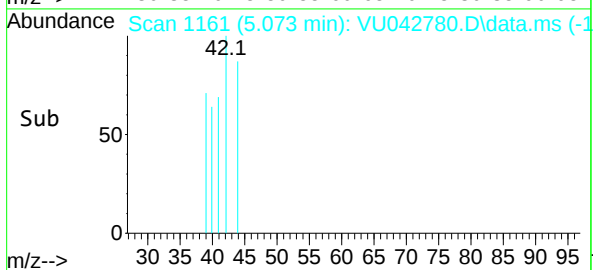
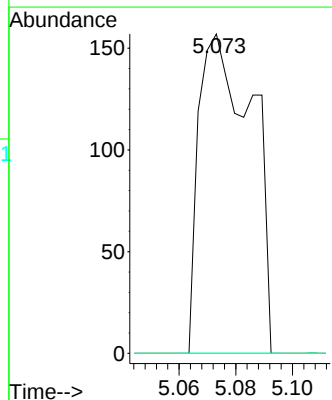
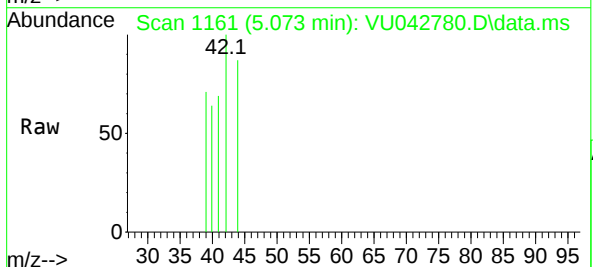
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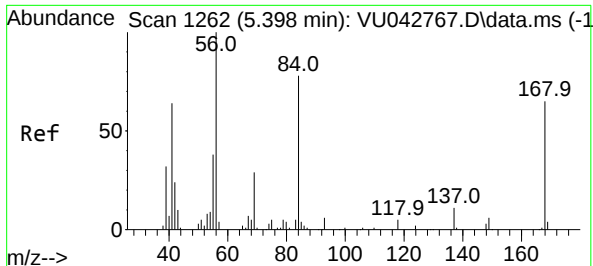
Tgt Ion: 43 Resp: 5324
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5



#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.013 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

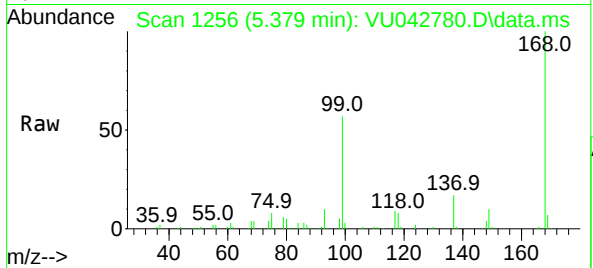
Tgt Ion: 42 Resp: 203
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.4#
71 0.0 28.6 42.8#



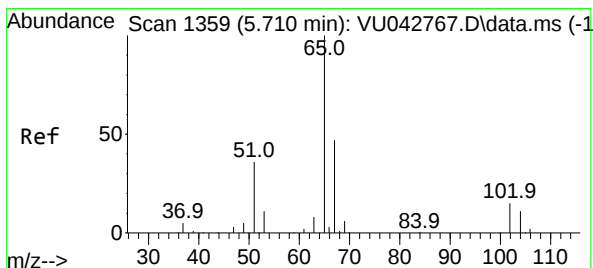
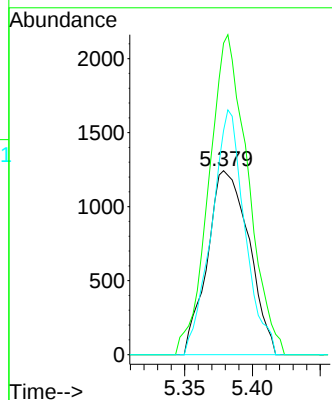
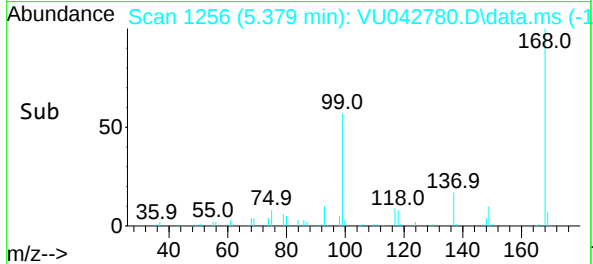


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

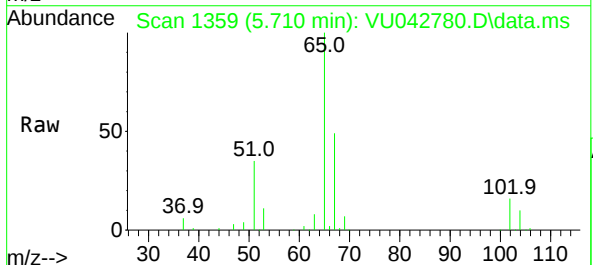
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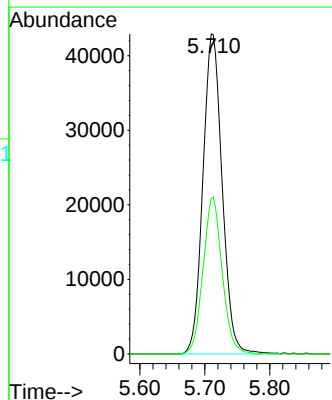
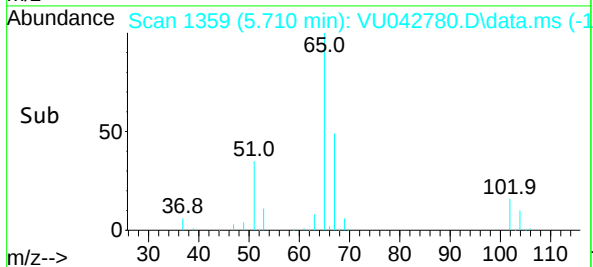
Tgt Ion: 56 Resp: 2651
Ion Ratio Lower Upper
56 100
69 161.0 23.3 34.9#
84 121.9 62.2 93.4#

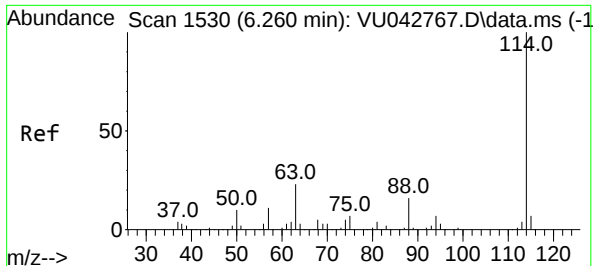


#33
1,2-Dichloroethane-d4
Concen: 49.61 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17



Tgt Ion: 65 Resp: 88545
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.8

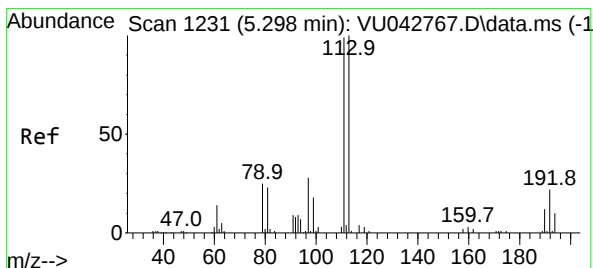
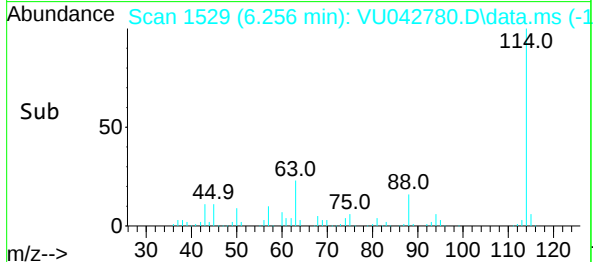
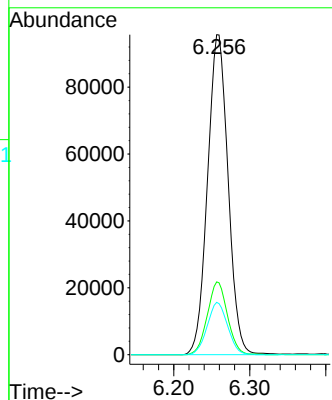
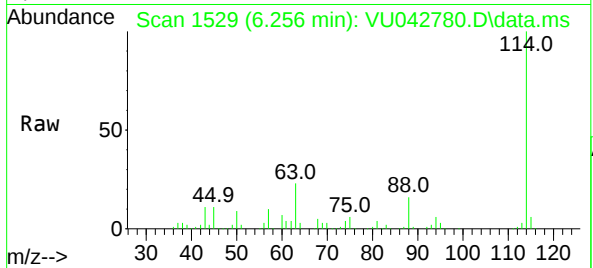




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

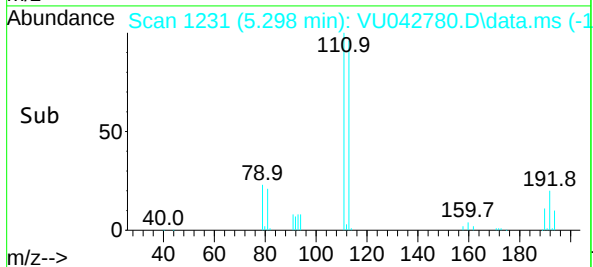
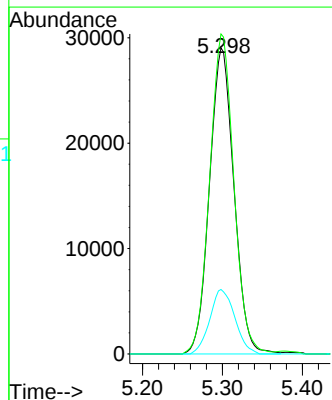
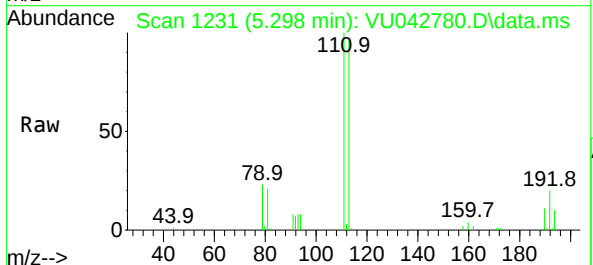
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

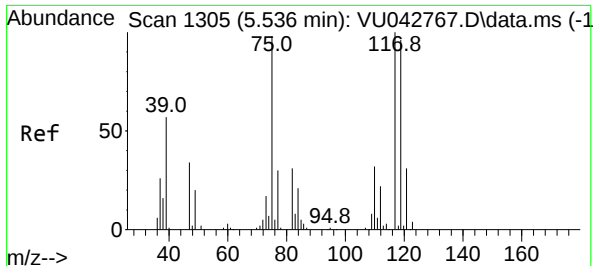
Tgt Ion:114 Resp: 179522
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.8
88 16.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.95 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

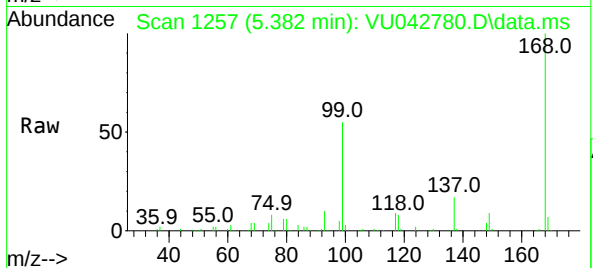
Tgt Ion:113 Resp: 61564
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 21.6 17.6 26.4



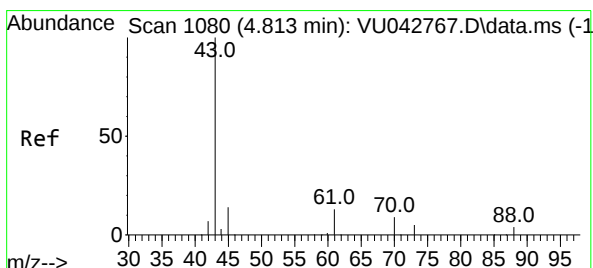
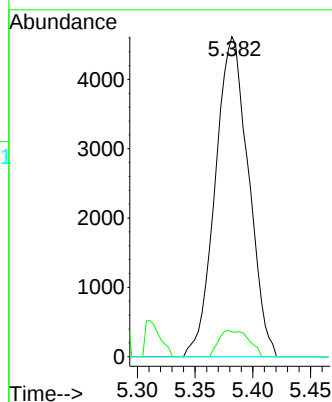
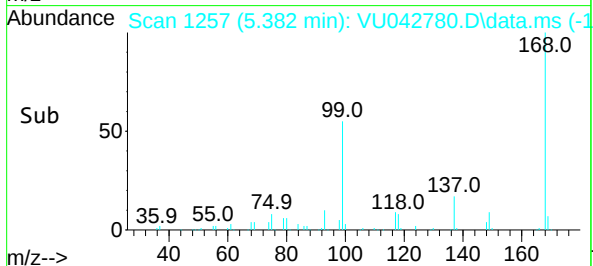


#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

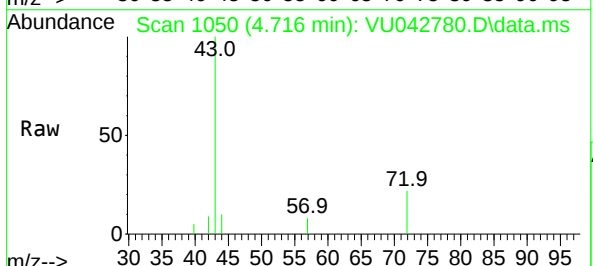
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02



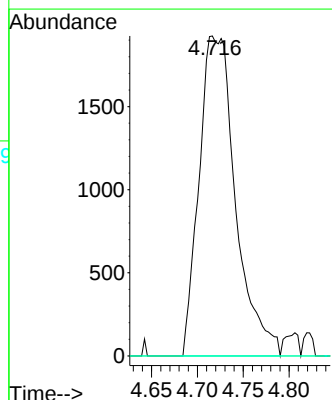
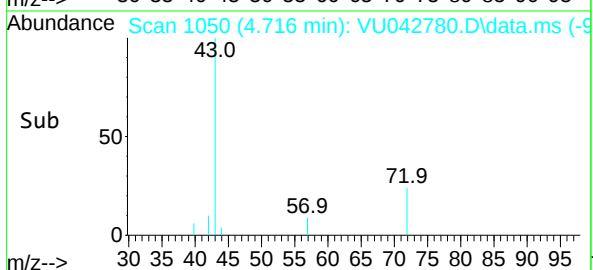
Tgt Ion: 75 Resp: 9223
Ion Ratio Lower Upper
75 100
110 7.4 16.6 49.7#
77 0.0 24.7 37.1#

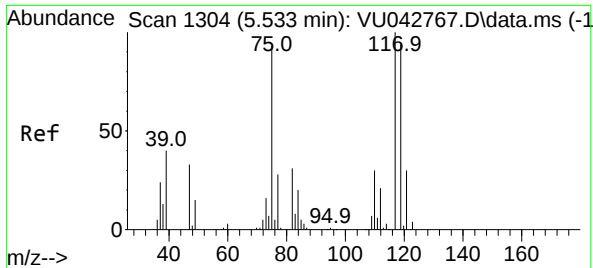


#37
Ethyl Acetate
Concen: 1.93 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.096 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17



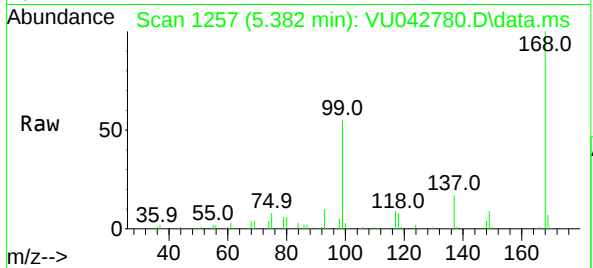
Tgt Ion: 43 Resp: 5324
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 6.6 9.8#



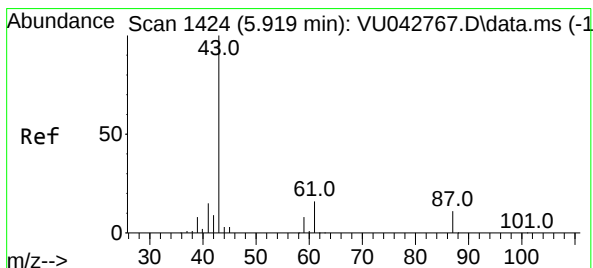
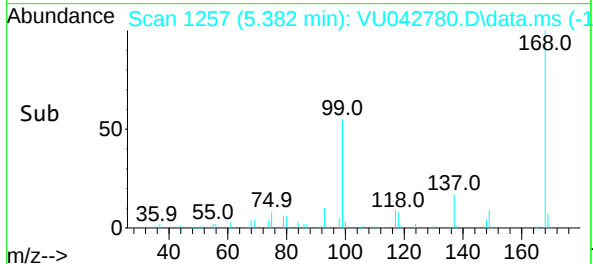
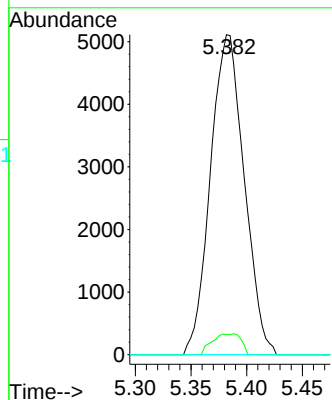


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

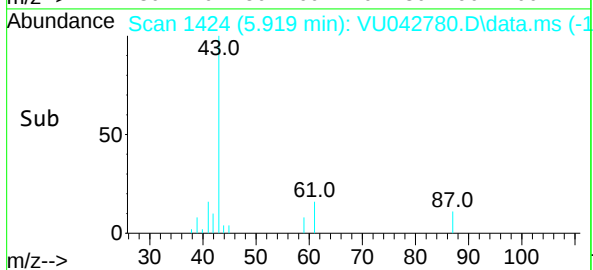
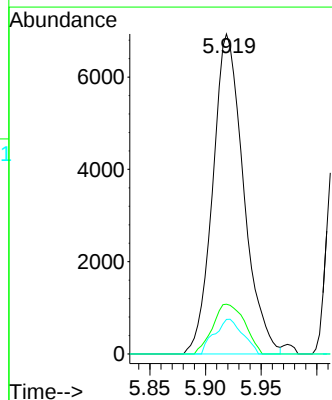
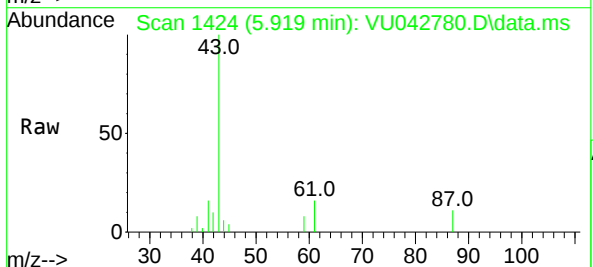


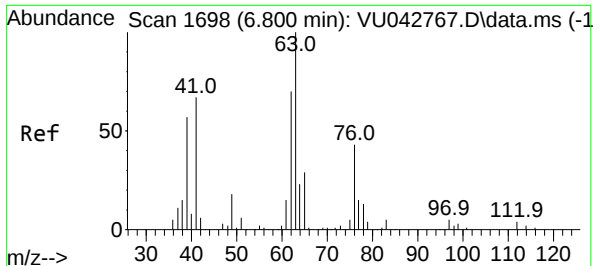
Tgt Ion:117 Resp: 10783
Ion Ratio Lower Upper
117 100
119 6.3 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 3.21 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 43 Resp: 13325
Ion Ratio Lower Upper
43 100
61 16.2 13.4 20.0
87 9.9 8.7 13.1



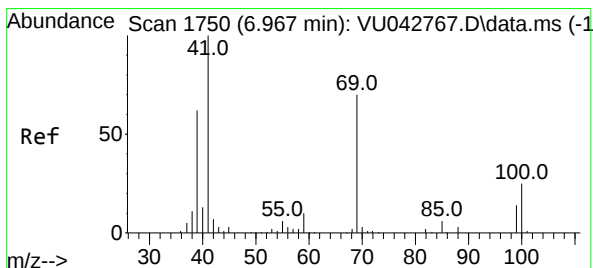
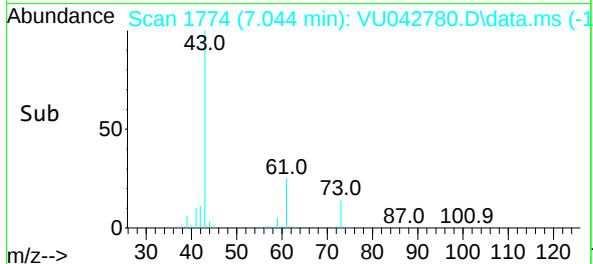
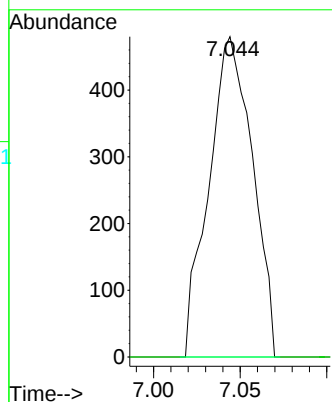
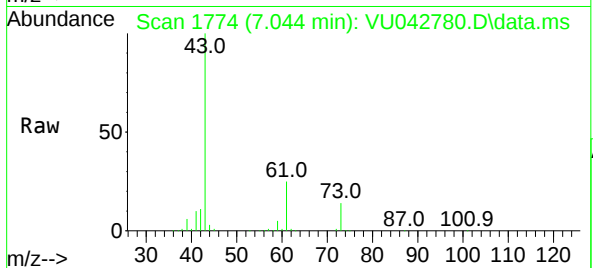


#45

1,2-Dichloropropane
Concen: 0.60 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

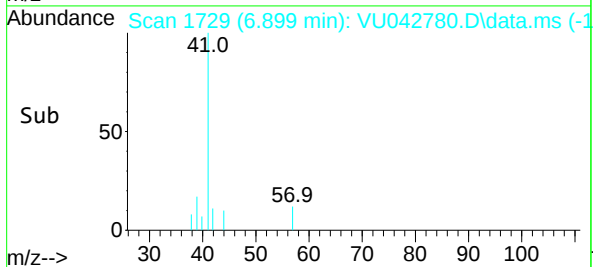
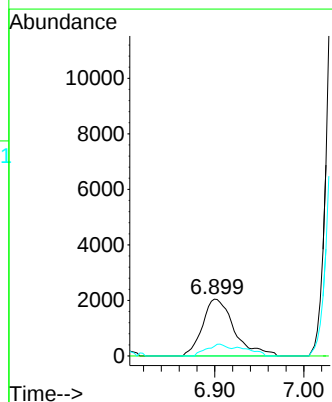
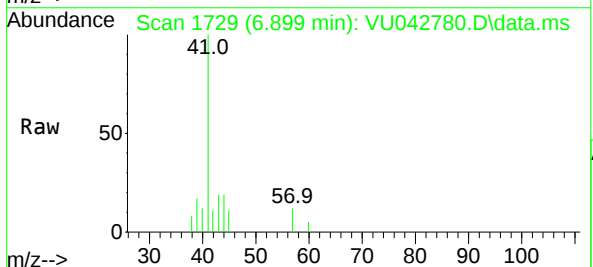
Tgt Ion: 63 Resp: 842
Ion Ratio Lower Upper
63 100
65 0.0 23.5 35.3#

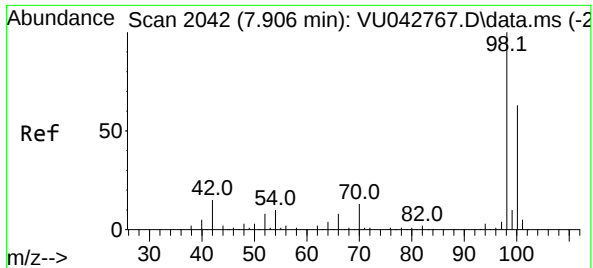


#48

Methyl methacrylate
Concen: 2.52 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 41 Resp: 5044
Ion Ratio Lower Upper
41 100
69 0.0 55.9 83.9#
39 0.0 49.7 74.5#

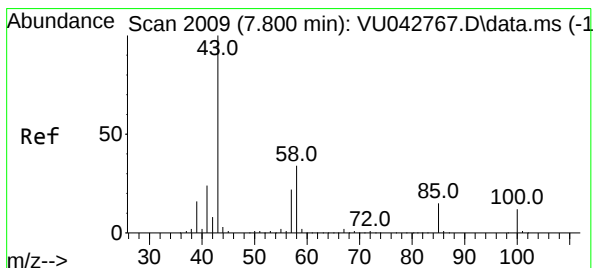
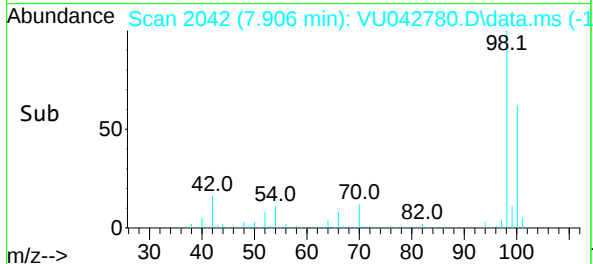
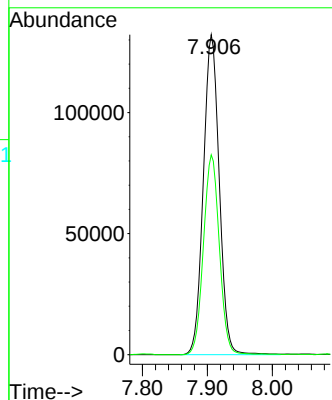
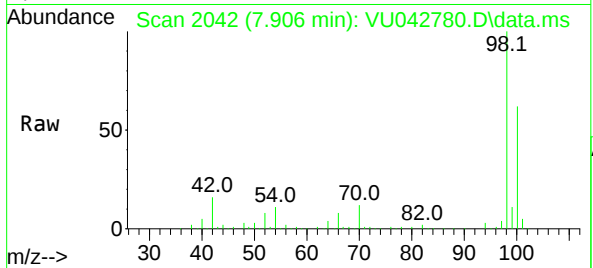




#50
Toluene-d8
Concen: 47.88 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

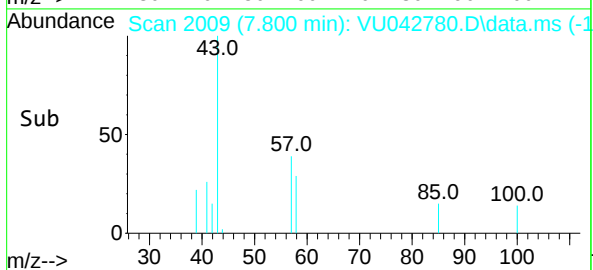
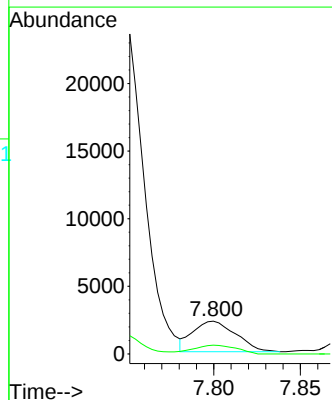
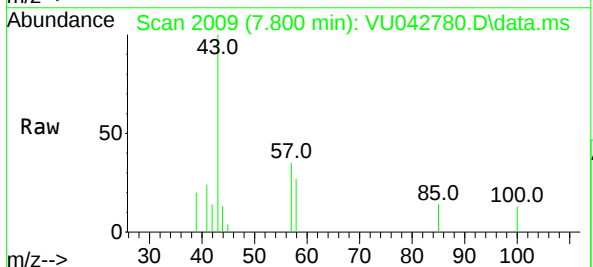
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

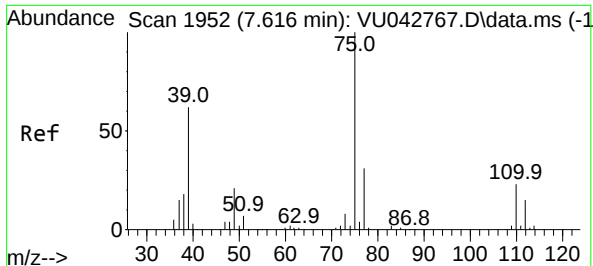
Tgt Ion: 98 Resp: 225694
Ion Ratio Lower Upper
98 100
100 62.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.34 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 43 Resp: 3879
Ion Ratio Lower Upper
43 100
58 29.6 27.4 41.2

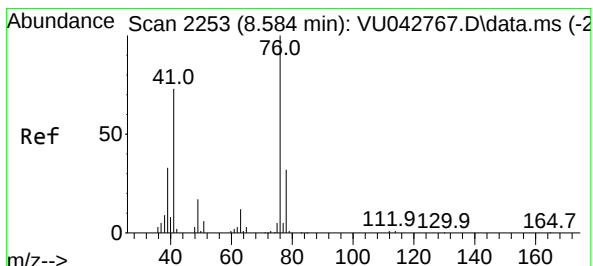
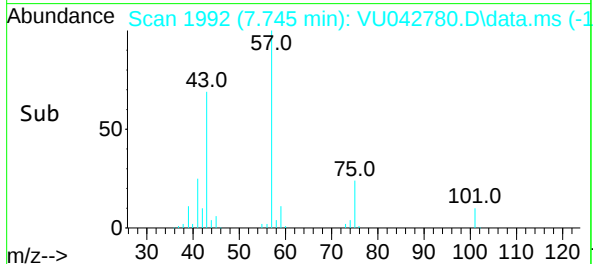
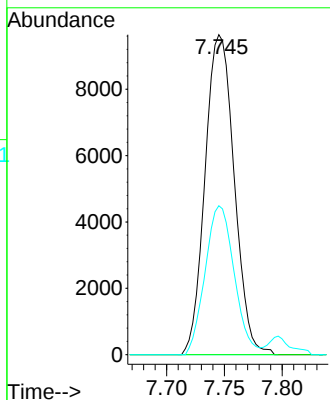
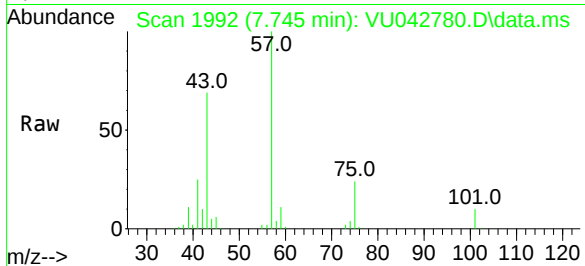




#54
 cis-1,3-Dichloropropene
 Concen: 7.48 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.129 min
 Lab File: VU042780.D
 Acq: 25 Mar 2021 13:17

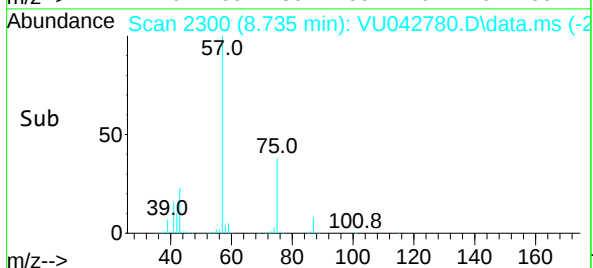
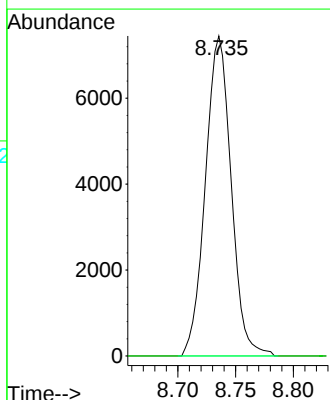
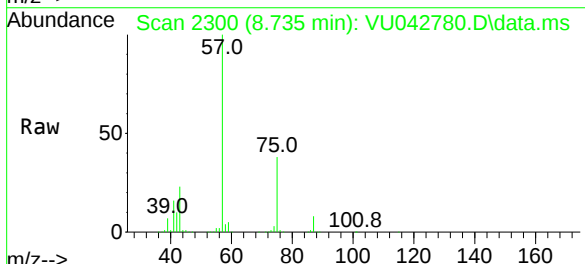
Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#02

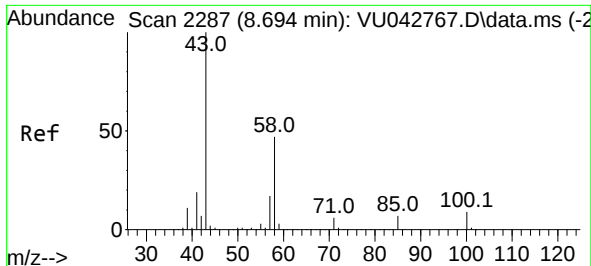
Tgt Ion: 75 Resp: 16933
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 46.6 49.2 73.8#



#57
 1,3-Dichloropropane
 Concen: 4.83 ug/l
 RT: 8.735 min Scan# 2300
 Delta R.T. 0.151 min
 Lab File: VU042780.D
 Acq: 25 Mar 2021 13:17

Tgt Ion: 76 Resp: 11582
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

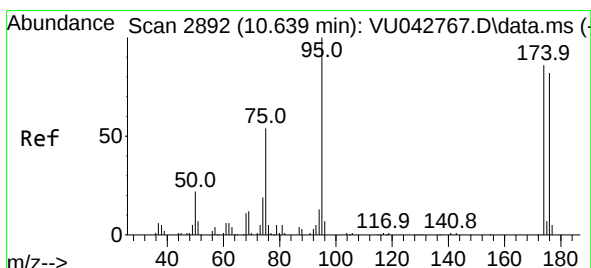
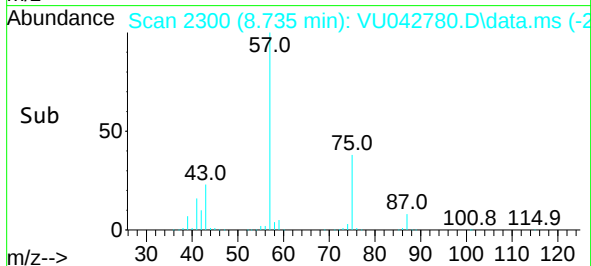
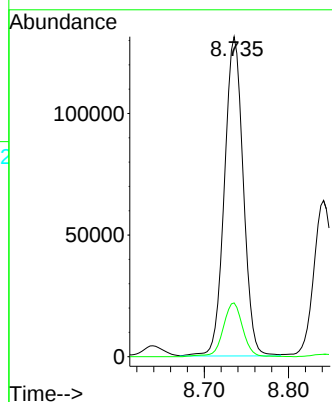
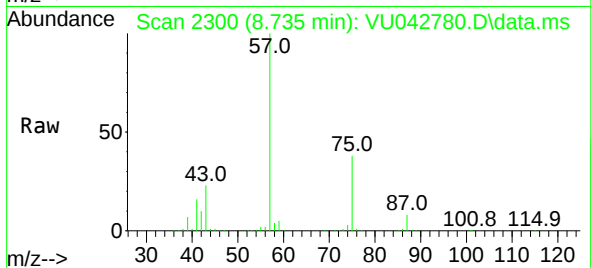




#59
2-Hexanone
Concen: 88.08 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

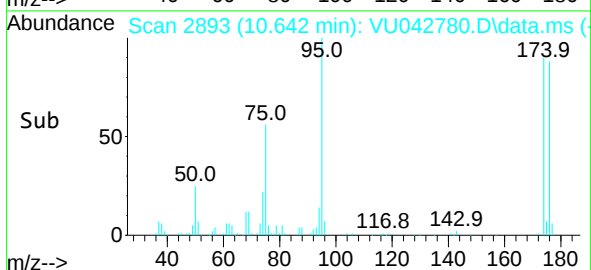
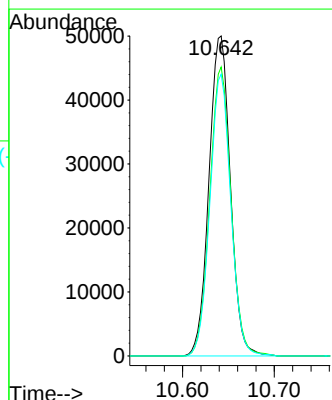
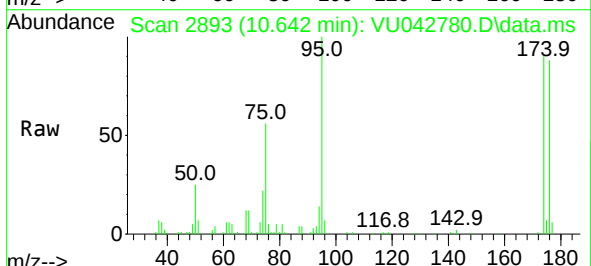
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

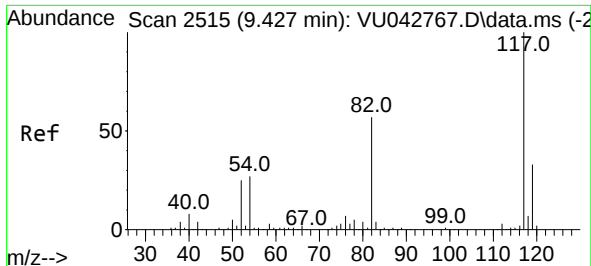
Tgt Ion: 43 Resp: 203388
Ion Ratio Lower Upper
43 100
58 17.6 23.8 71.2#



#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 95 Resp: 80990
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.2
176 86.1 0.0 167.4

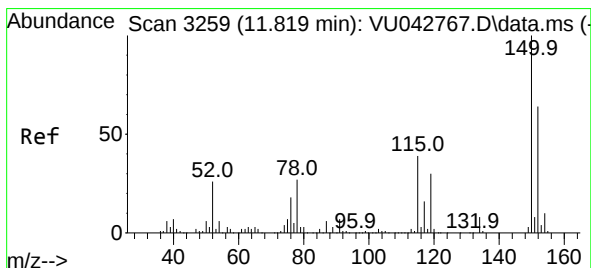
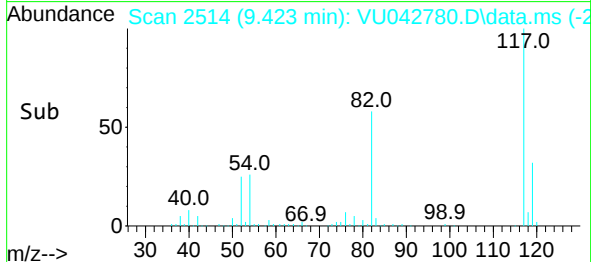
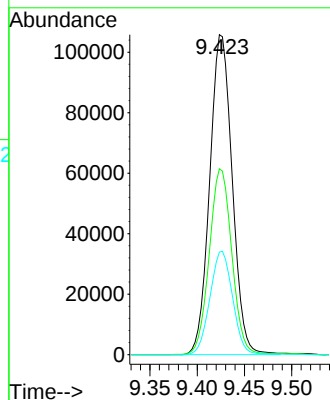
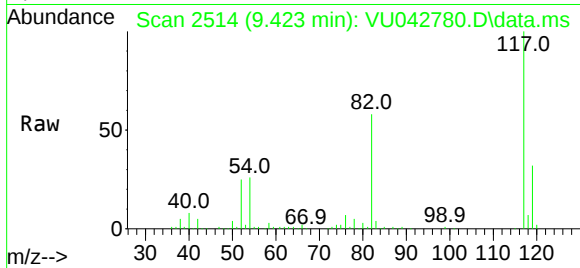




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

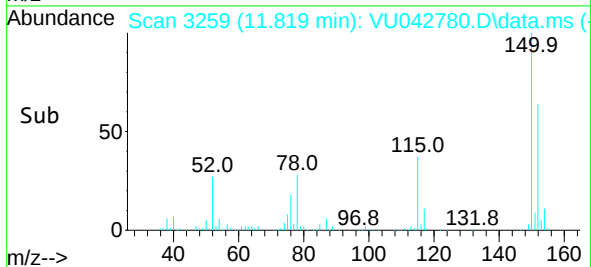
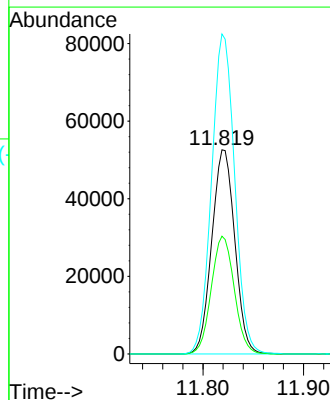
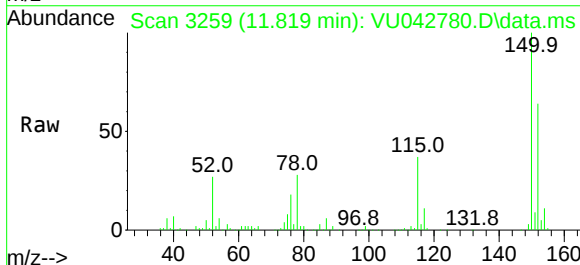
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

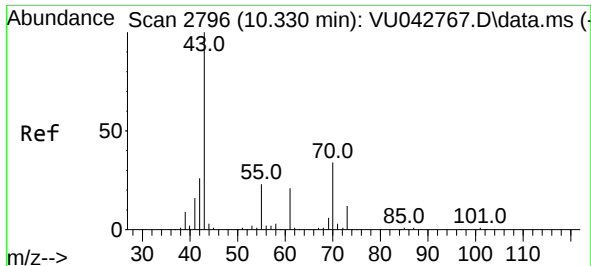
Tgt Ion:117 Resp: 175568
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion:152 Resp: 83655
Ion Ratio Lower Upper
152 100
115 57.6 41.0 123.0
150 157.1 0.0 341.0

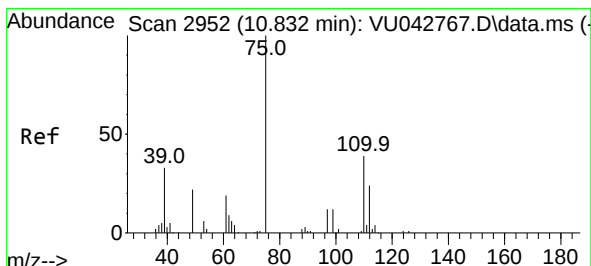
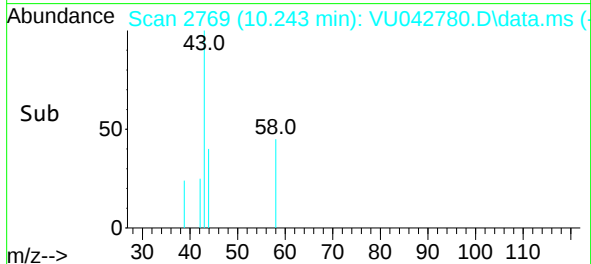
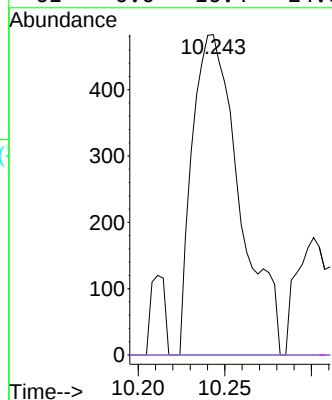
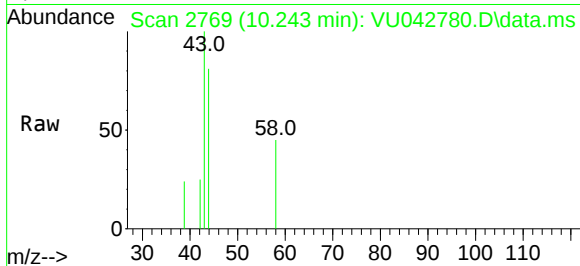




#74
N-amy1 acetate
Concen: 0.31 ug/l
RT: 10.243 min Scan# 2769
Delta R.T. -0.087 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

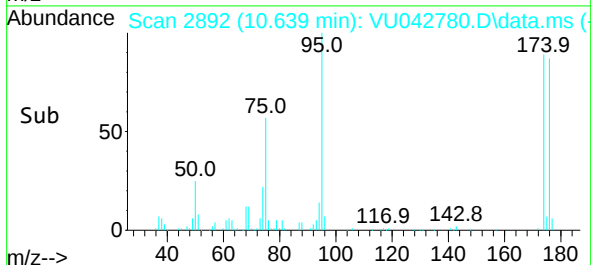
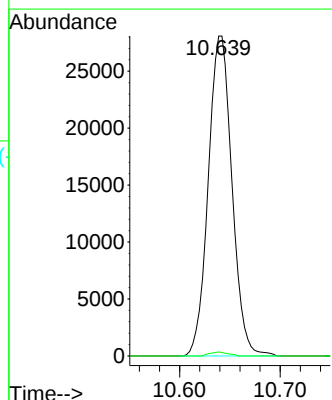
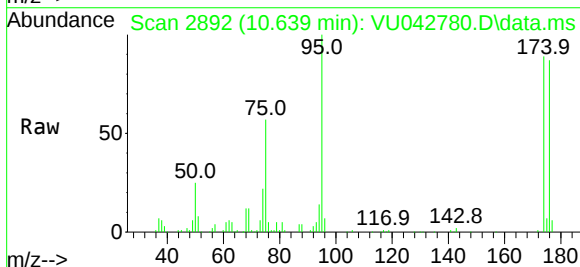
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

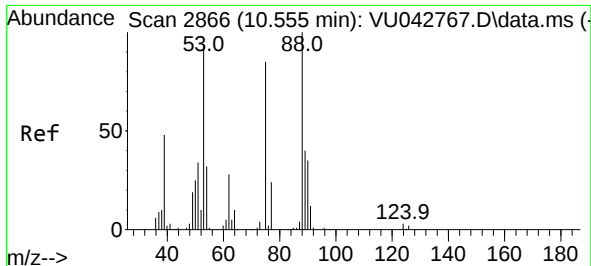
Tgt Ion: 43	Resp: 917
Ion Ratio	Lower Upper
43 100	
70 0.0	27.8 41.6#
55 0.0	18.4 27.6#
61 0.0	16.4 24.6#



#76
1,2,3-Trichloropropane
Concen: 21.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion: 75	Resp:	46040	
Ion Ratio	Lower	Upper	
75 100			
77 1.0	19.6	58.8#	

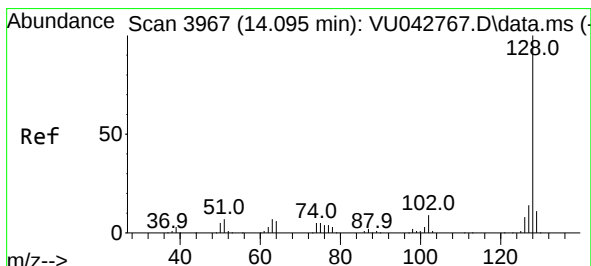
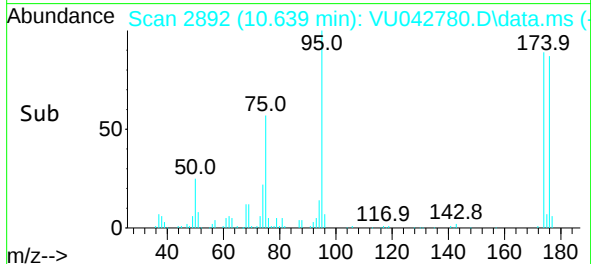
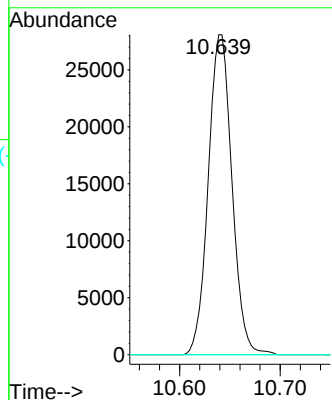
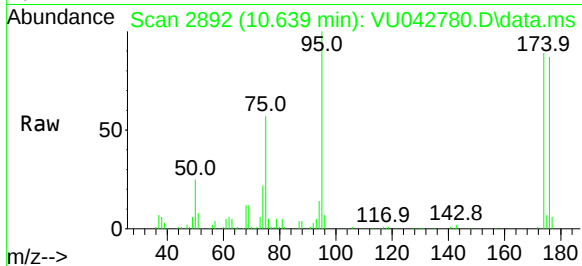




#81
trans-1,4-Dichloro-2-butene
Concen: 64.12 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#02

Tgt Ion: 75 Resp: 46040
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.72 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042780.D
Acq: 25 Mar 2021 13:17

Tgt Ion:128 Resp: 857
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

