

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042782.D
 Acq On : 25 Mar 2021 14:03
 Operator : SY/MD
 Sample : PB1355335ZHE#04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#04

Quant Time: Mar 26 02:25:58 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)

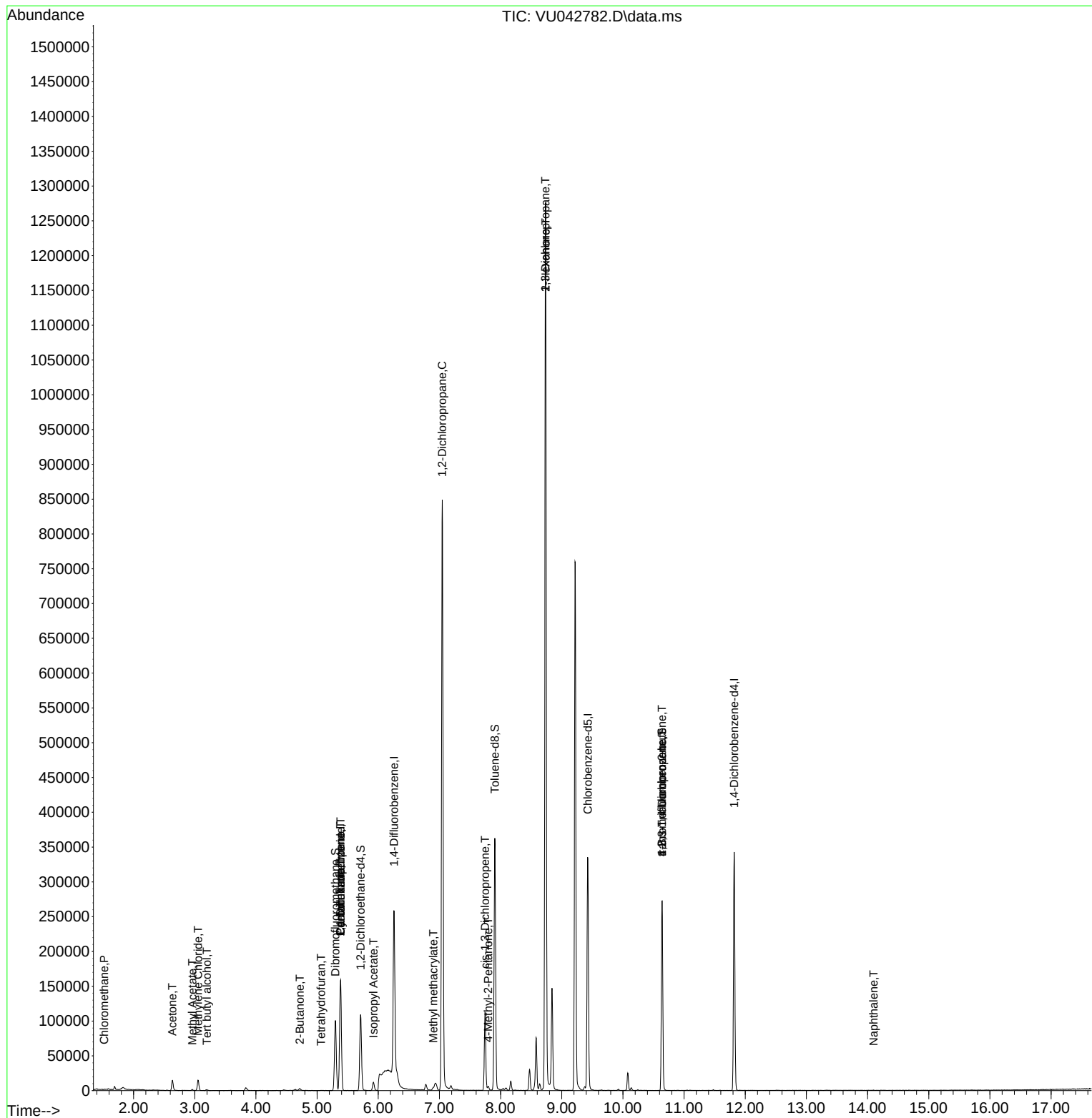
Internal Standards						
1) Pentafluorobenzene	5.385	168	110180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	178049	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	175475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	85513	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	5.301	113	60769	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	7.906	98	220193	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	10.639	95	81566	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	293	0.21	ug/l #	87
5) Bromomethane	1.861	94	73	Below Cal		99
6) Chloroethane	1.941	64	86	Below Cal	#	43
11) Tert butyl alcohol	3.198	59	1267	3.37	ug/l #	74
16) Acetone	2.636	43	17892	7.02	ug/l	97
18) Methyl Acetate	2.960	43	1921	0.95	ug/l #	88
20) Methylene Chloride	3.054	84	6568	5.19	ug/l	93
25) 2-Butanone	4.719	43	5185	3.63	ug/l	99
29) Tetrahydrofuran	5.066	42	326	0.37	ug/l #	38
31) Cyclohexane	5.385	56	2928	1.34	ug/l #	22
36) 1,1-Dichloropropene	5.382	75	8402	4.77	ug/l #	51
38) Carbon Tetrachloride	5.385	117	10948	5.45	ug/l #	16
43) Isopropyl Acetate	5.922	43	13856	3.37	ug/l	94
45) 1,2-Dichloropropane	7.044	63	800	0.57	ug/l #	45
48) Methyl methacrylate	6.899	41	4662	2.35	ug/l #	17
51) 4-Methyl-2-Pentanone	7.796	43	3931	1.37	ug/l	91
54) cis-1,3-Dichloropropene	7.748	75	16962	7.55	ug/l #	68
57) 1,3-Dichloropropane	8.732	76	11707	4.92	ug/l #	42
59) 2-Hexanone	8.735	43	199678	87.19	ug/l #	55
76) 1,2,3-Trichloropropane	10.639	75	46336	21.77	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	46336	64.50	ug/l #	6
95) Naphthalene	14.098	128	313	2.63	ug/l #	68

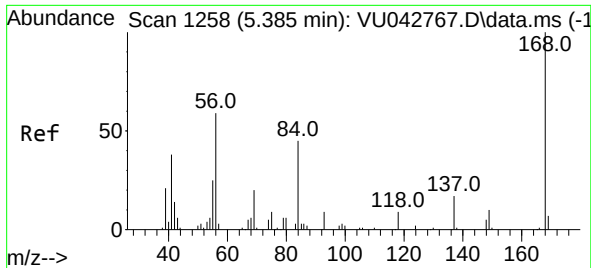
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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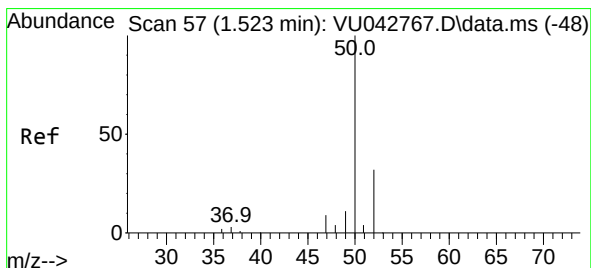
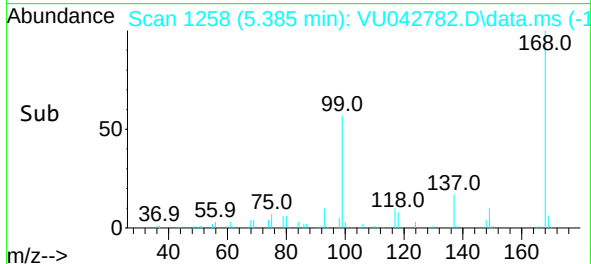
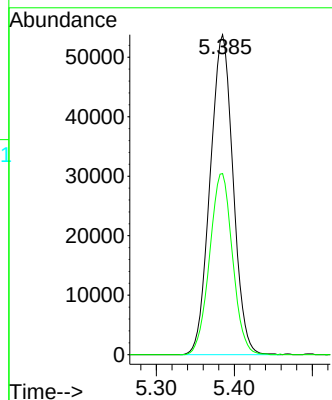
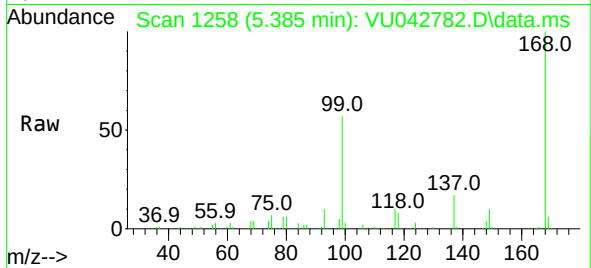




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

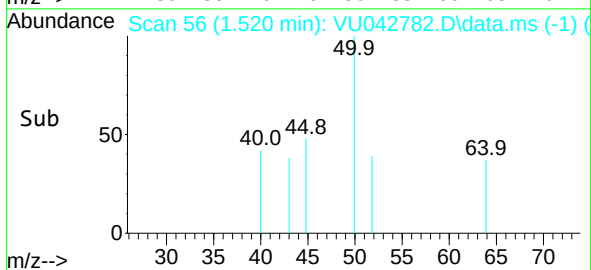
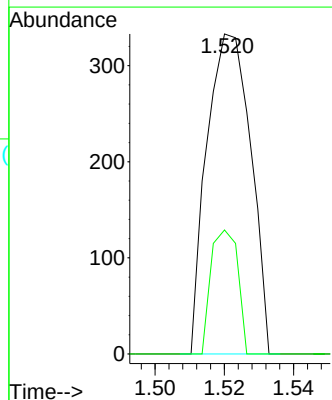
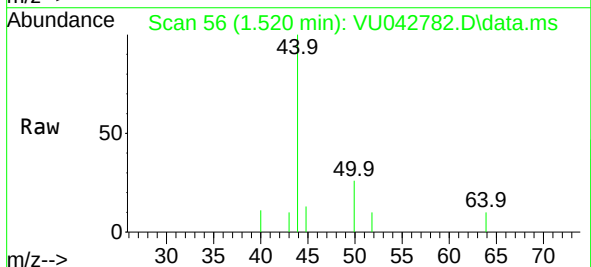
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

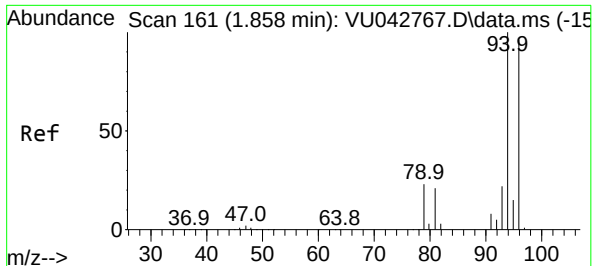
Tgt Ion:168 Resp: 110180
Ion Ratio Lower Upper
168 100
99 56.6 46.4 69.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 50 Resp: 293
Ion Ratio Lower Upper
50 100
52 38.7 25.4 38.0#

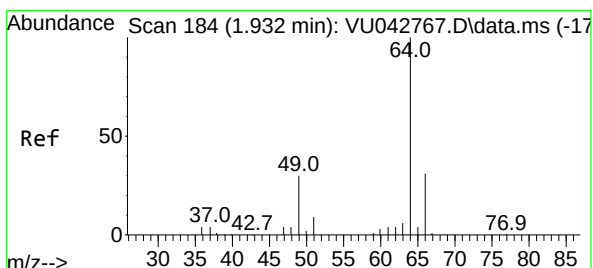
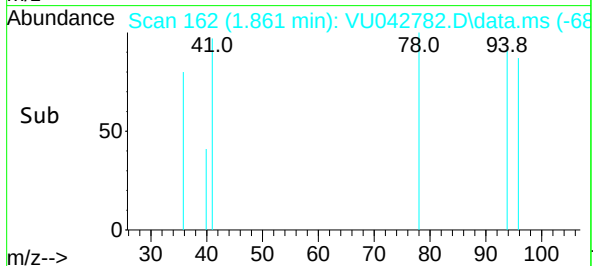
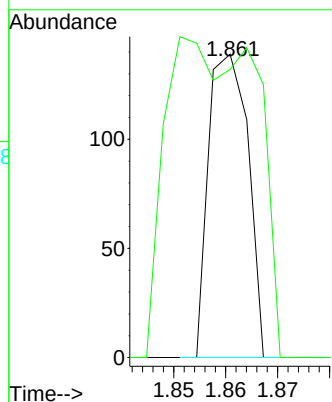
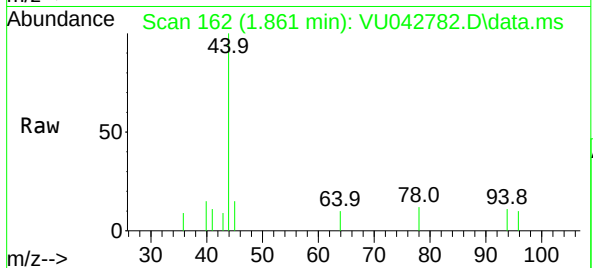




#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 162
Delta R.T. 0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

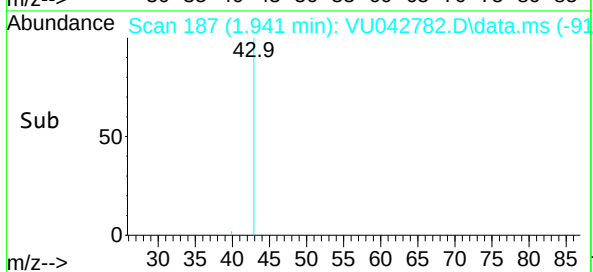
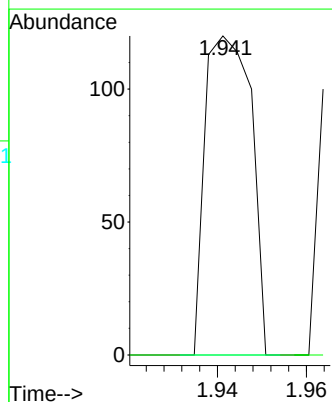
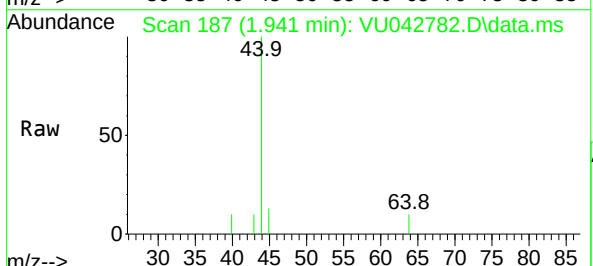
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

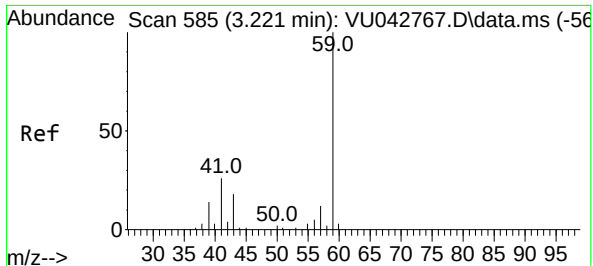
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 95.0 77.1 115.7



#6
Chloroethane
Concen: Below Cal
RT: 1.941 min Scan# 187
Delta R.T. 0.009 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

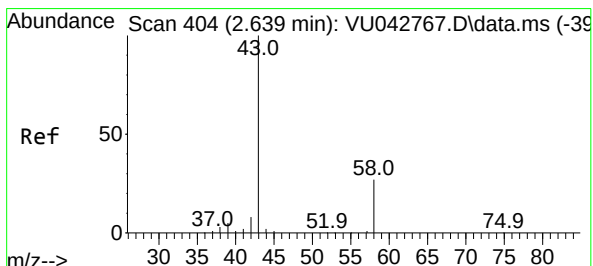
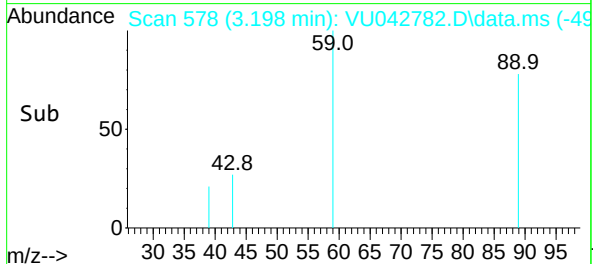
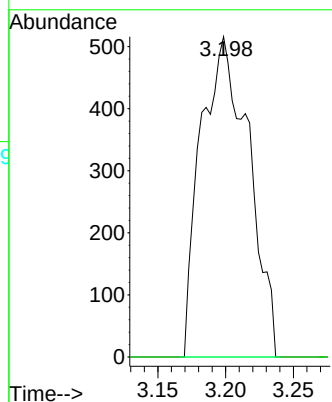
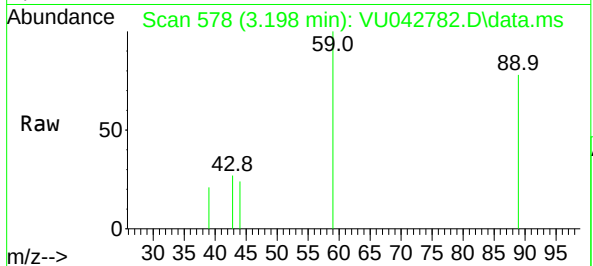




#11
Tert butyl alcohol
Concen: 3.37 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.023 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

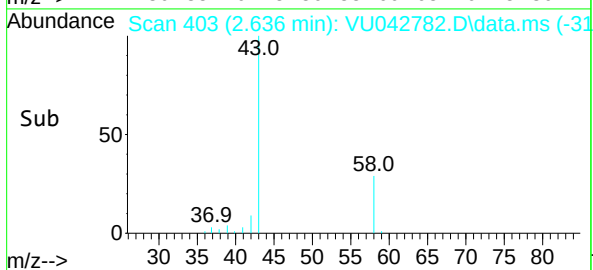
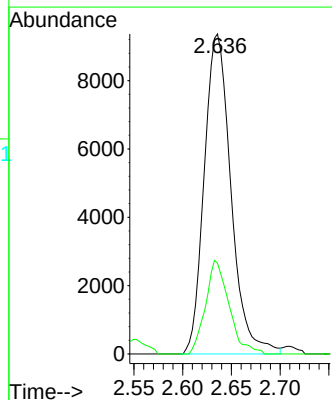
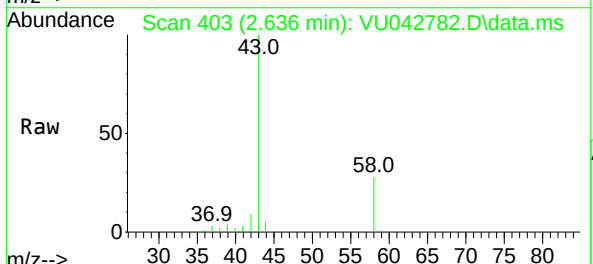
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

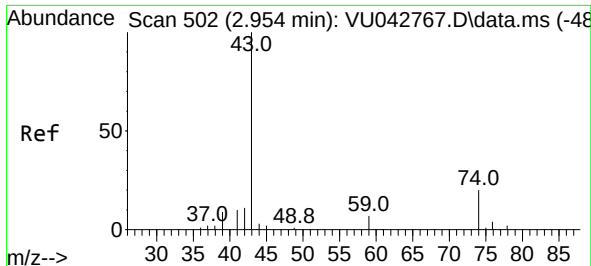
Tgt Ion: 59 Resp: 1267
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.02 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 43 Resp: 17892
Ion Ratio Lower Upper
43 100
58 28.3 21.6 32.4

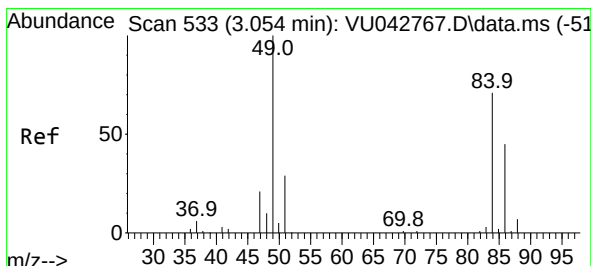
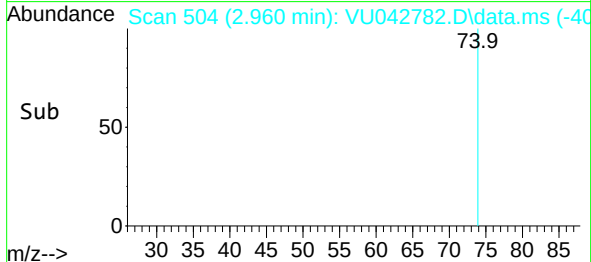
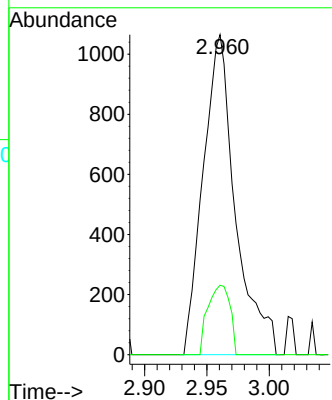
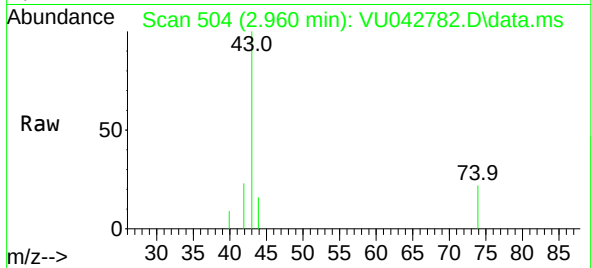




#18
Methyl Acetate
Concen: 0.95 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

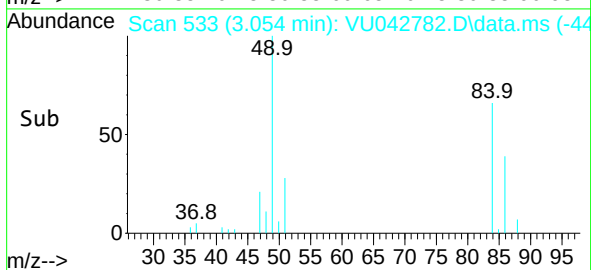
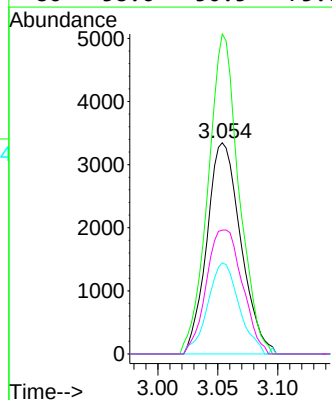
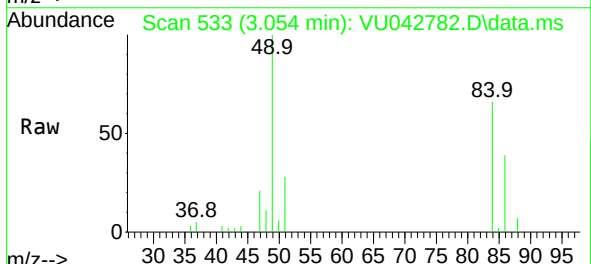
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

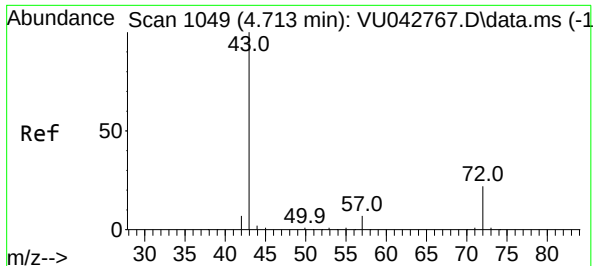
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
74 14.8 16.2 24.4#



#20
Methylene Chloride
Concen: 5.19 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 84 Resp: 6568
Ion Ratio Lower Upper
84 100
49 151.5 113.0 169.4
51 43.1 32.9 49.3
86 58.6 50.5 75.7

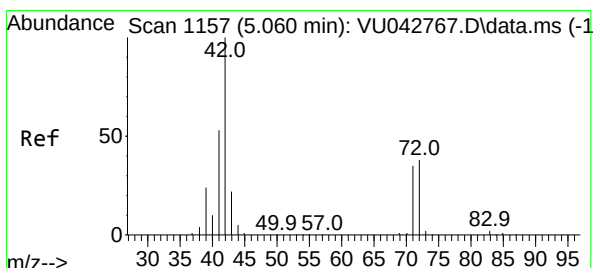
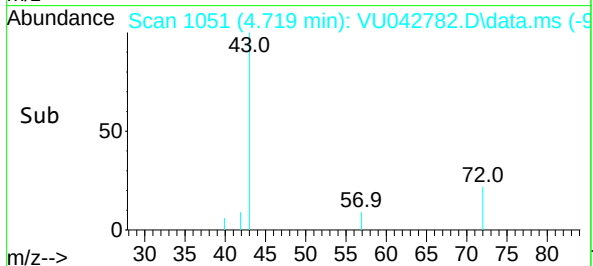
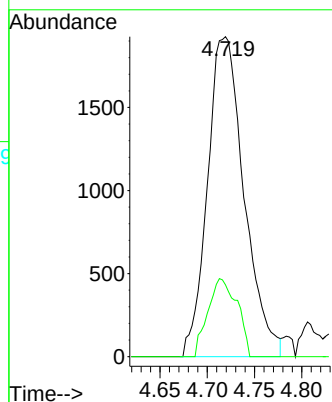
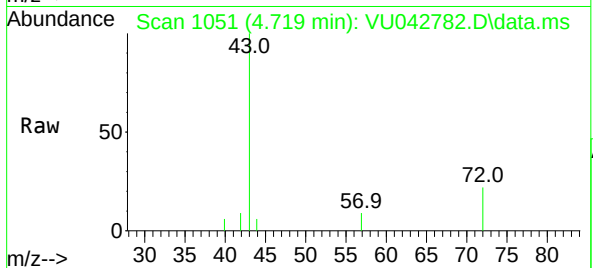




#25
2-Butanone
Concen: 3.63 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

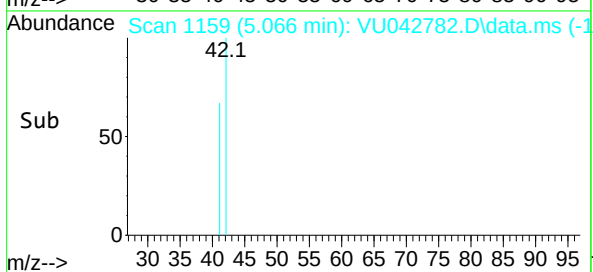
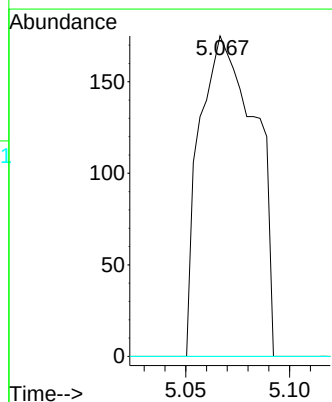
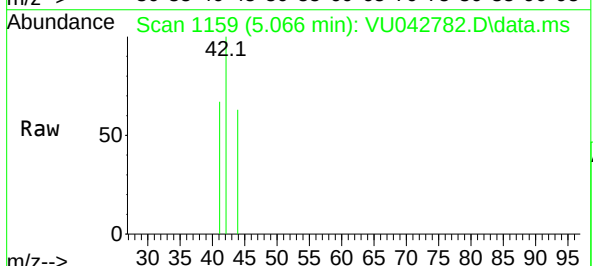
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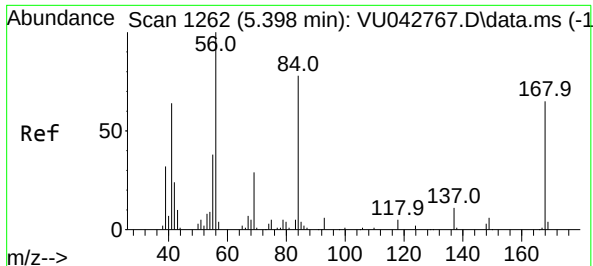
Tgt Ion: 43 Resp: 5185
Ion Ratio Lower Upper
43 100
72 22.4 17.7 26.5



#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 5.066 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.4#
71 0.0 28.6 42.8#





#31

Cyclohexane

Concen: 1.34 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.013 min

Lab File: VU042782.D

Acq: 25 Mar 2021 14:03

Tgt Ion: 56 Resp: 2928

Ion Ratio Lower Upper

56 100

69 140.0 23.3 34.9#

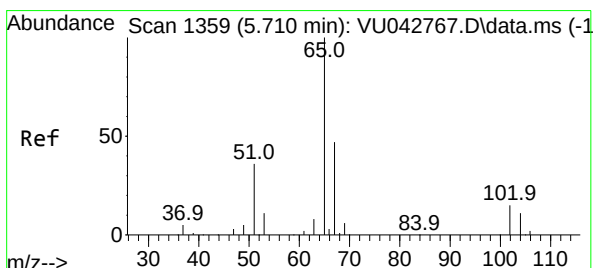
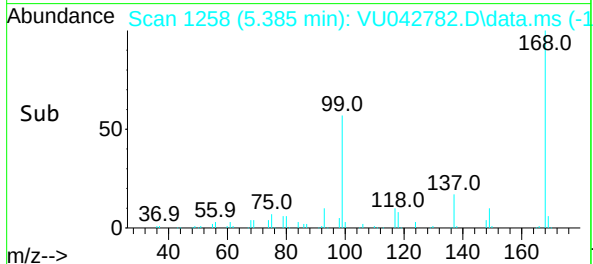
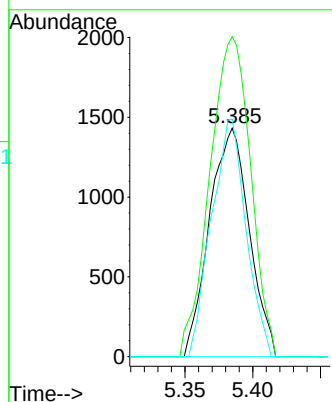
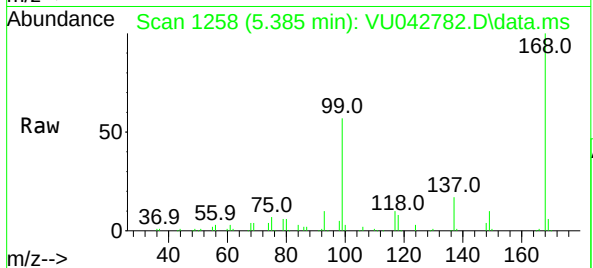
84 103.9 62.2 93.4#

Instrument :

MSVOA_U

ClientSampleId :

PB1355335ZHE#04



#33

1,2-Dichloroethane-d4

Concen: 48.69 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042782.D

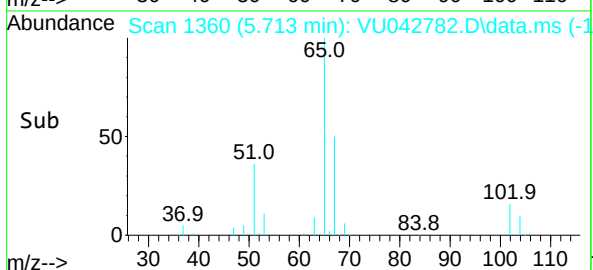
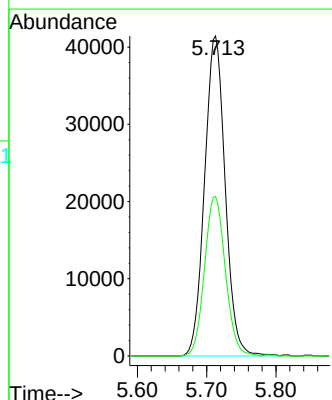
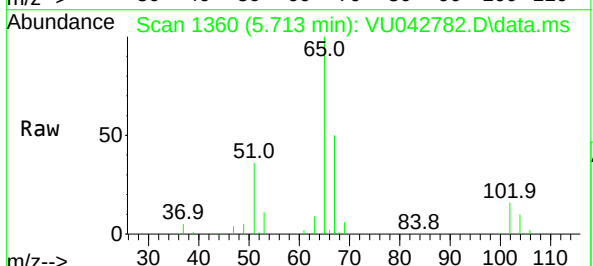
Acq: 25 Mar 2021 14:03

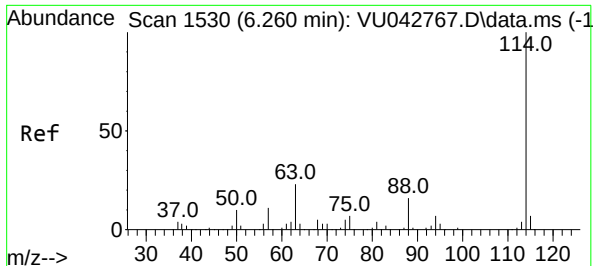
Tgt Ion: 65 Resp: 85513

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.8

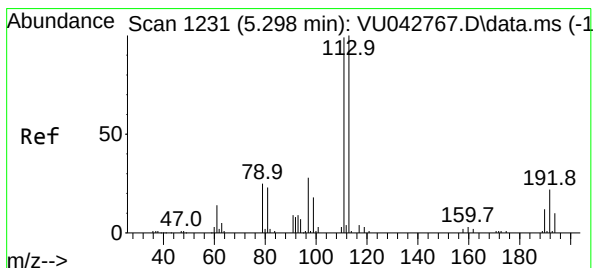
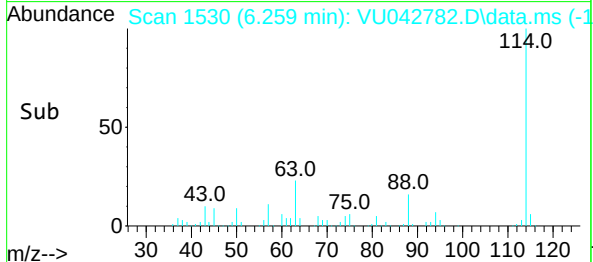
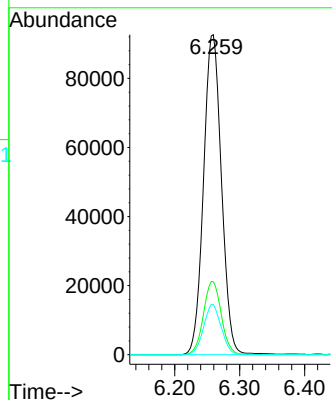
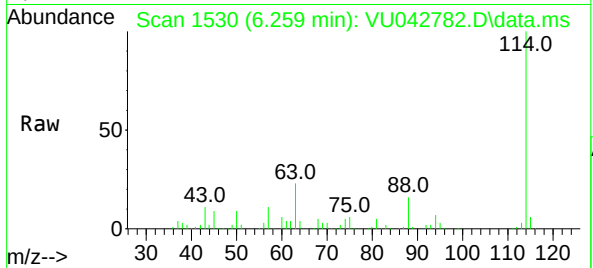




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.001 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

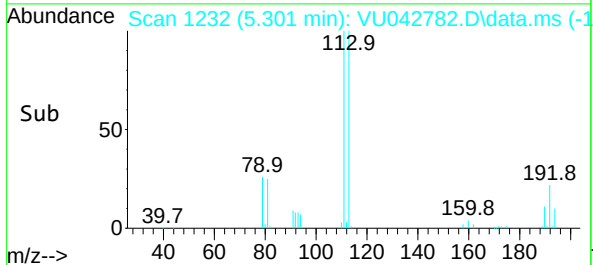
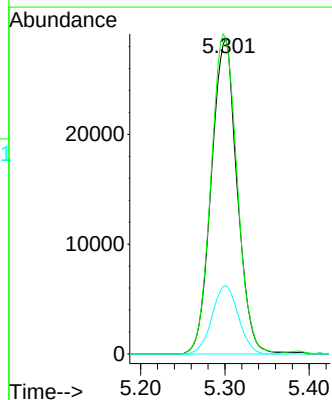
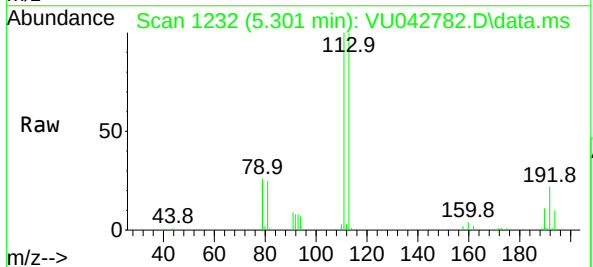
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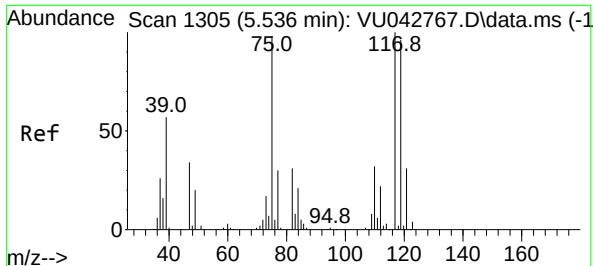
Tgt Ion:114 Resp: 178049
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 15.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.73 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion:113 Resp: 60769
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 22.2 17.6 26.4

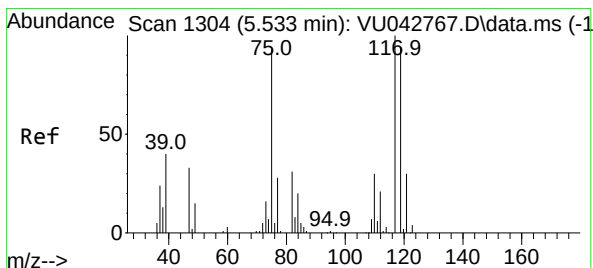
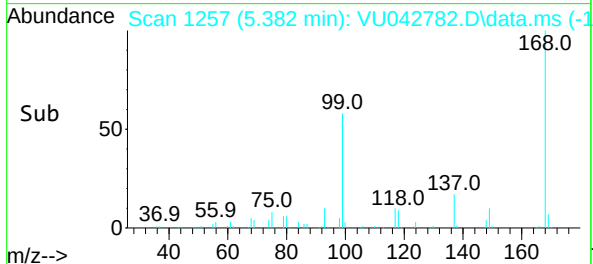
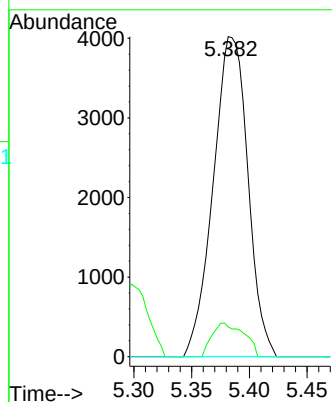
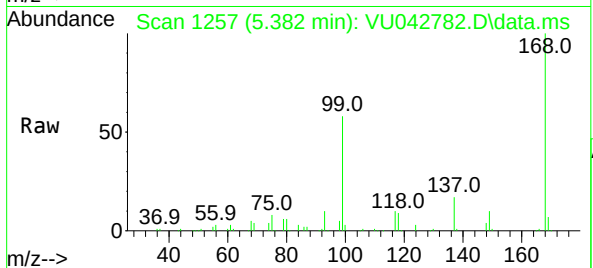




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

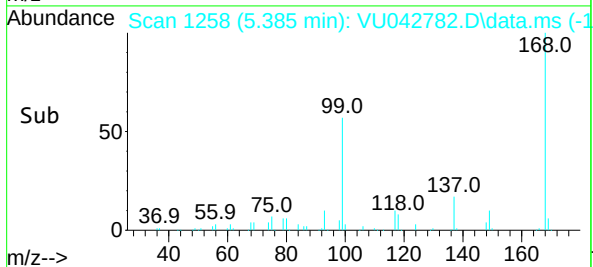
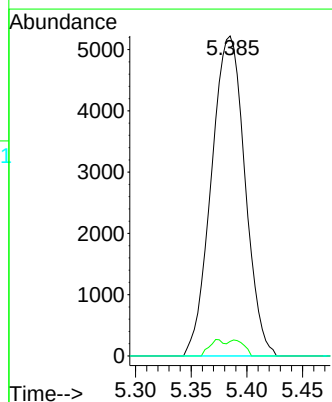
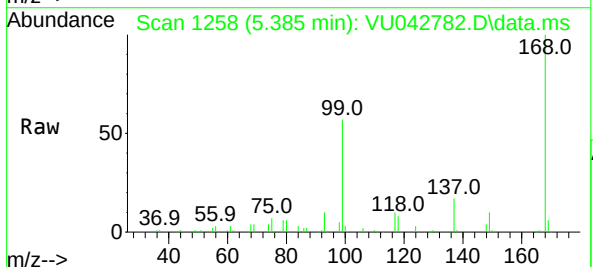
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

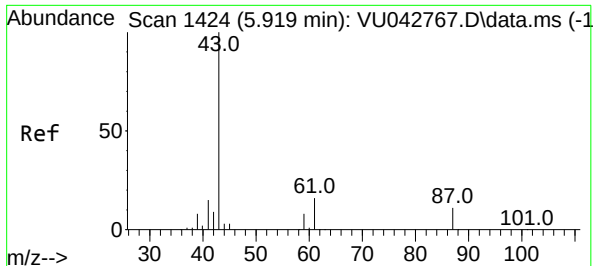
Tgt Ion: 75 Resp: 8402
Ion Ratio Lower Upper
75 100
110 9.7 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 117 Resp: 10948
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#

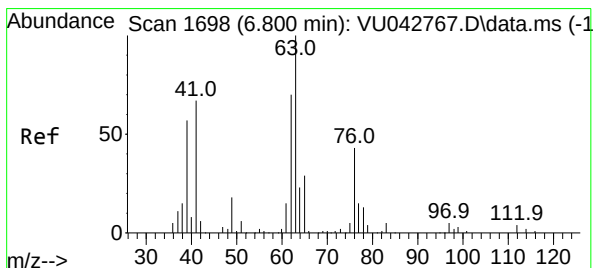
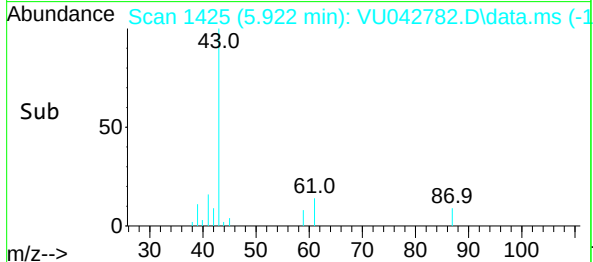
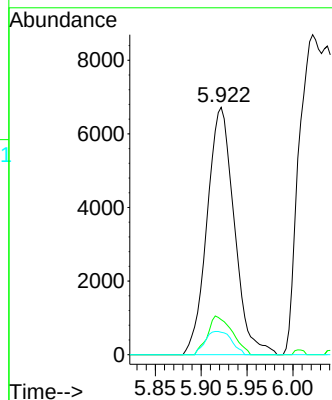
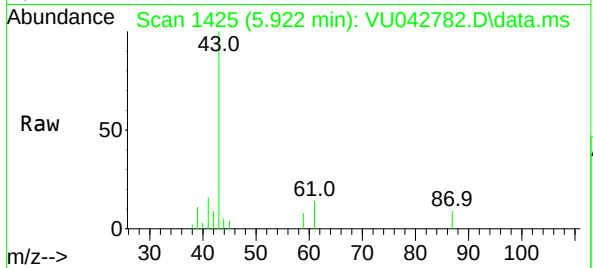




#43
Isopropyl Acetate
Concen: 3.37 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

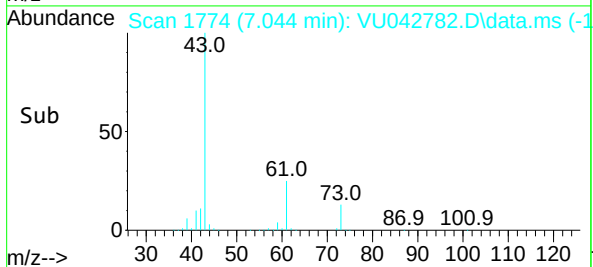
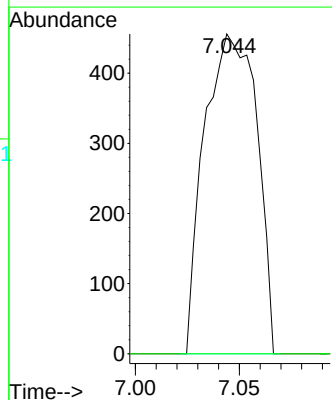
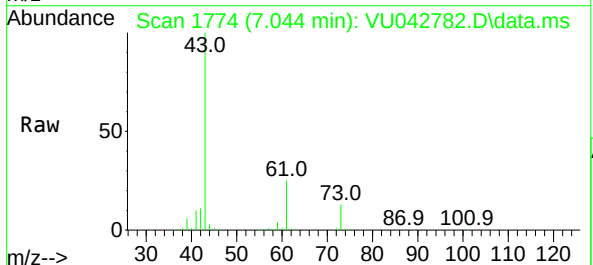
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

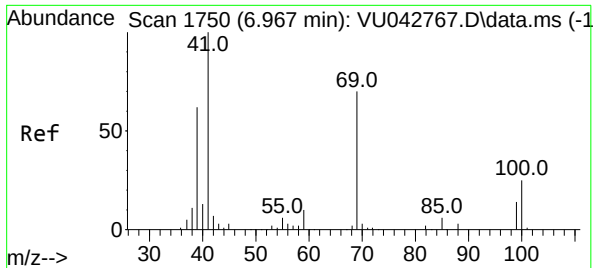
Tgt Ion: 43	Resp: 13856
Ion Ratio	Lower Upper
43 100	
61 14.1	13.4 20.0
87 9.0	8.7 13.1



#45
1,2-Dichloropropane
Concen: 0.57 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 63	Resp: 800
Ion Ratio	Lower Upper
63 100	
65 0.0	23.5 35.3#

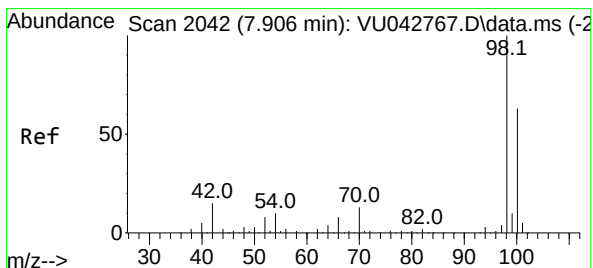
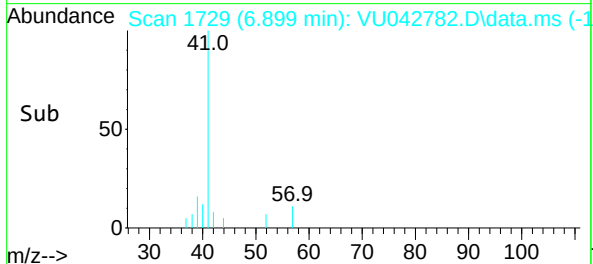
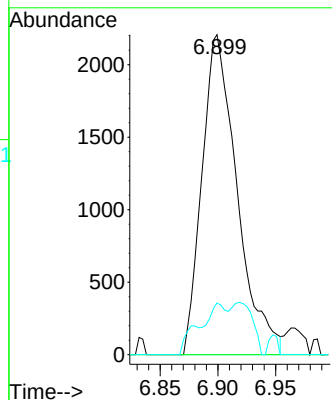
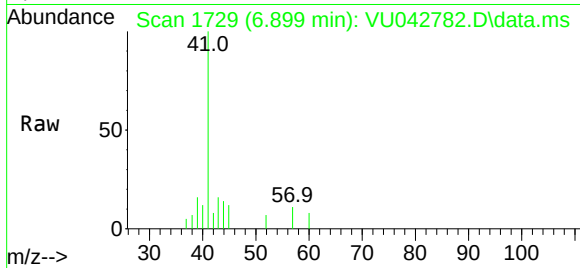




#48
Methyl methacrylate
Concen: 2.35 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

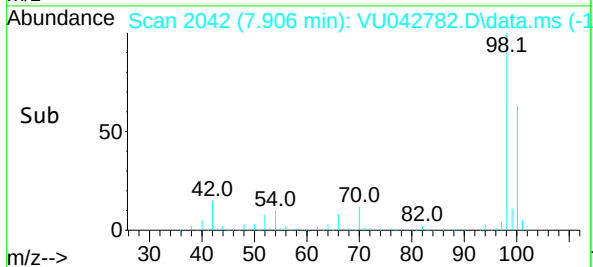
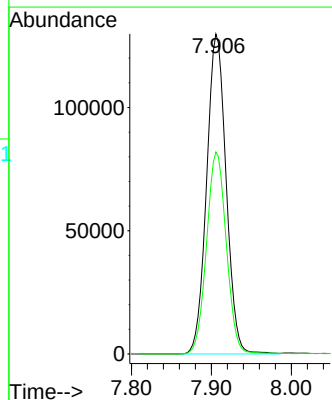
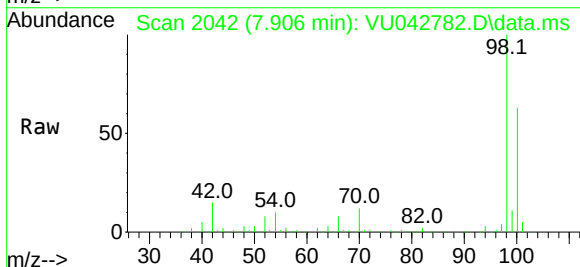
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

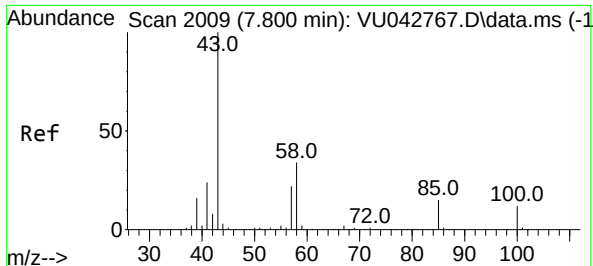
Tgt Ion: 41 Resp: 4662
Ion Ratio Lower Upper
41 100
69 0.0 55.9 83.9#
39 0.0 49.7 74.5#



#50
Toluene-d8
Concen: 47.10 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 98 Resp: 220193
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

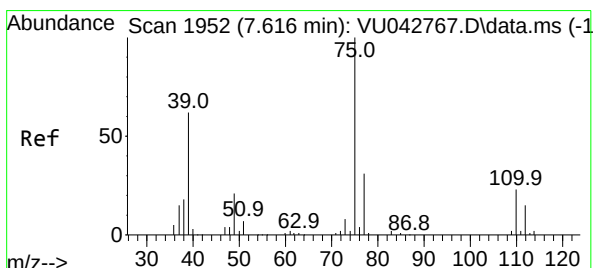
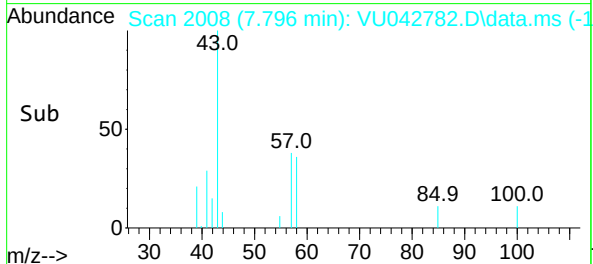
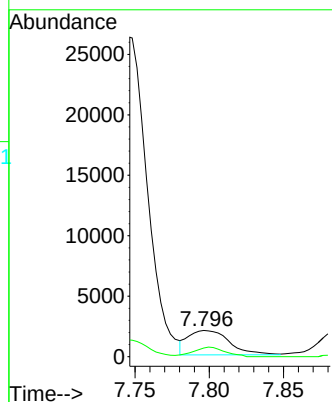
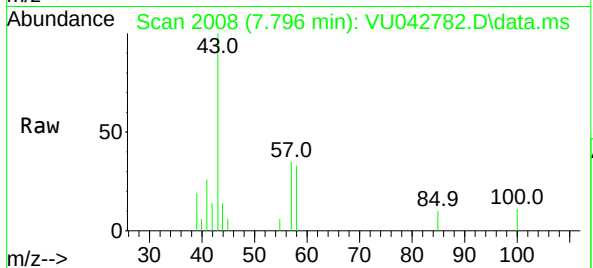




#51
4-Methyl-2-Pentanone
Concen: 1.37 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

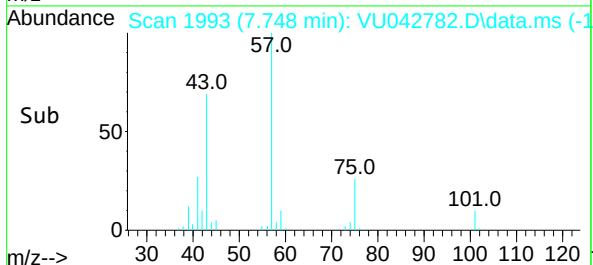
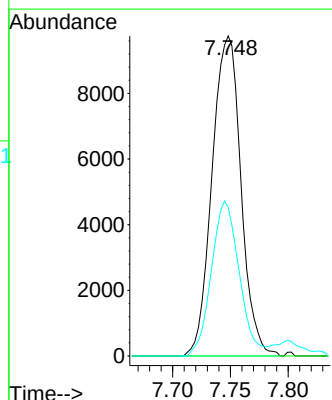
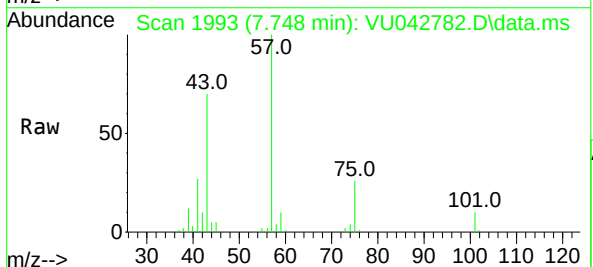
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

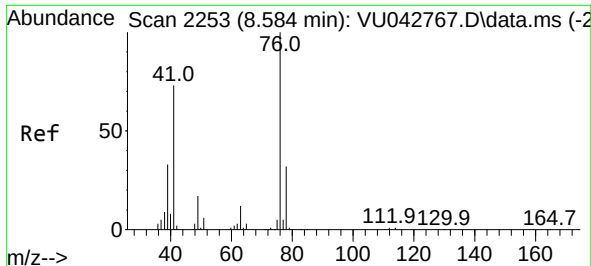
Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
58 29.2 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 7.55 ug/l
RT: 7.748 min Scan# 1993
Delta R.T. 0.132 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 75 Resp: 16962
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 46.5 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 4.92 ug/l

RT: 8.732 min Scan# 2299

Delta R.T. 0.148 min

Lab File: VU042782.D

Acq: 25 Mar 2021 14:03

Tgt Ion: 76 Resp: 11707

Ion Ratio Lower Upper

76 100

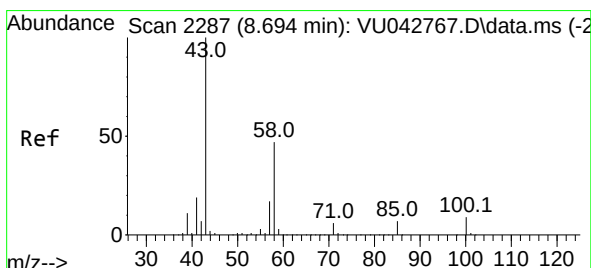
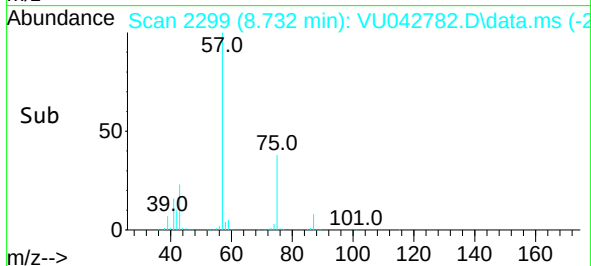
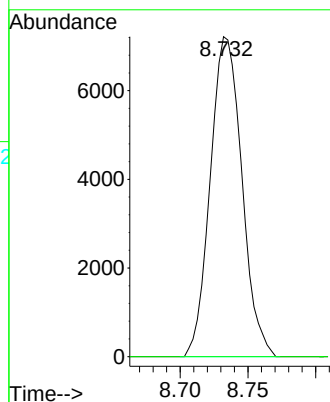
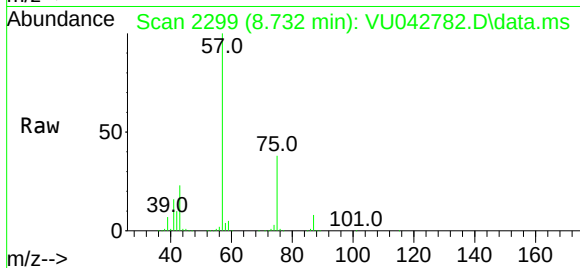
78 0.0 25.9 38.9#

Instrument :

MSVOA_U

ClientSampleId :

PB1355335ZHE#04



#59

2-Hexanone

Concen: 87.19 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.042 min

Lab File: VU042782.D

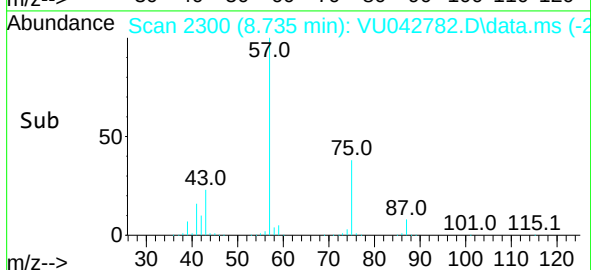
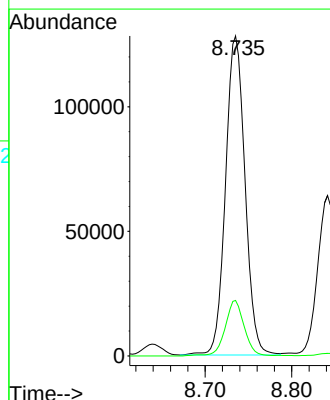
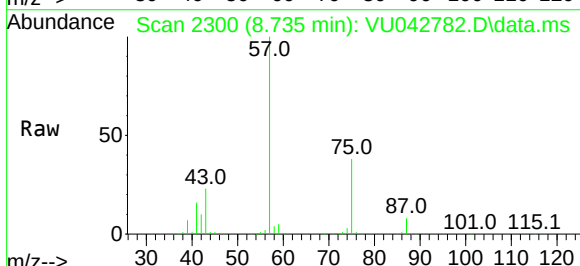
Acq: 25 Mar 2021 14:03

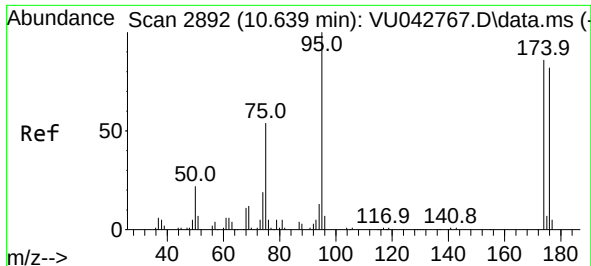
Tgt Ion: 43 Resp: 199678

Ion Ratio Lower Upper

43 100

58 17.1 23.8 71.2#

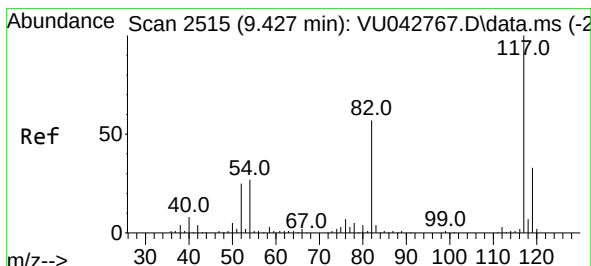
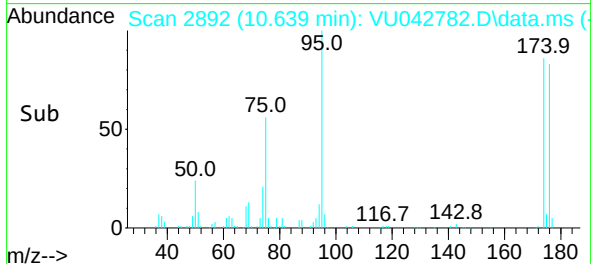
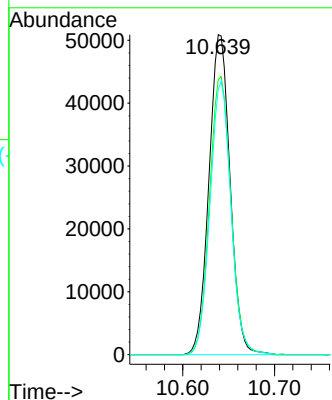
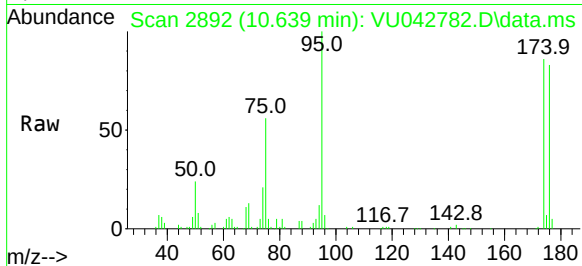




#62
4-Bromofluorobenzene
Concen: 44.90 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

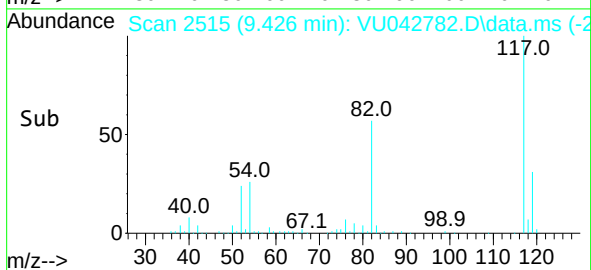
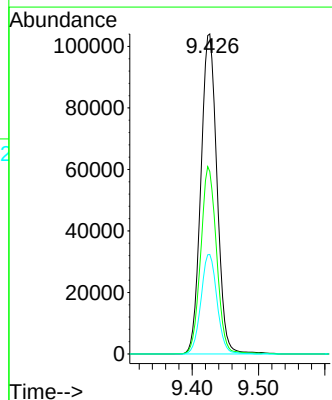
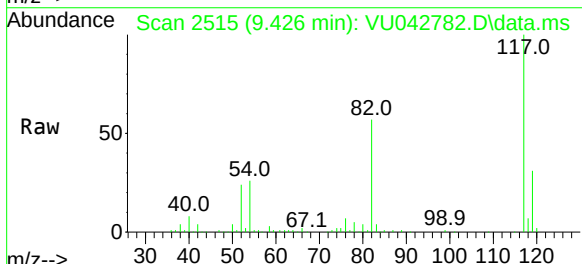
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

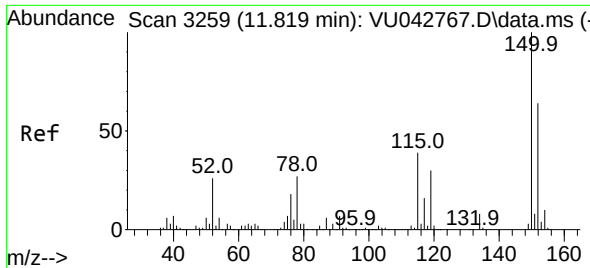
Tgt Ion: 95 Resp: 81566
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.2
176 84.6 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion: 117 Resp: 175475
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 31.1 26.2 39.4

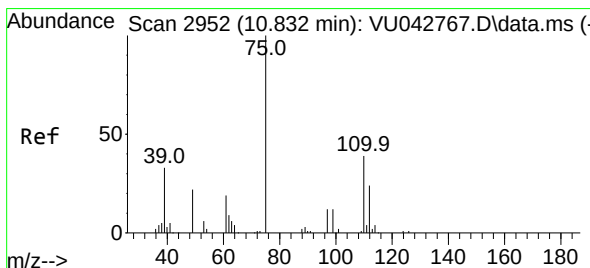
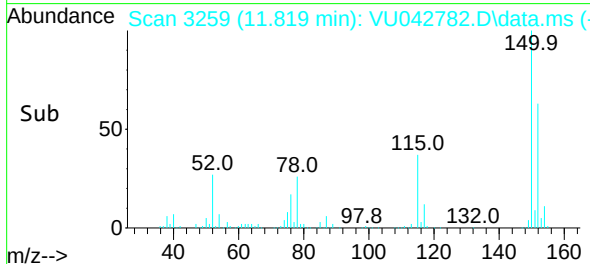
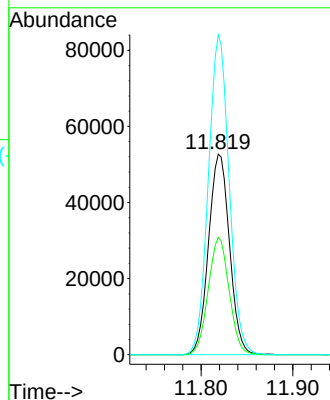
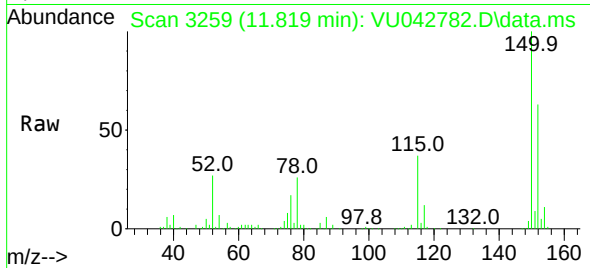




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042782.D
 Acq: 25 Mar 2021 14:03

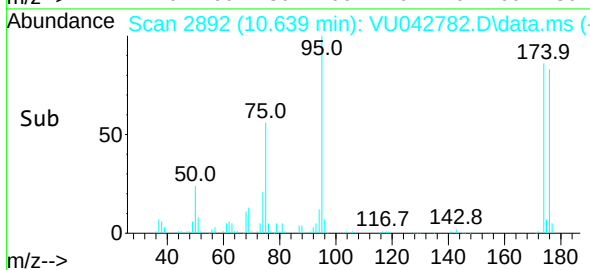
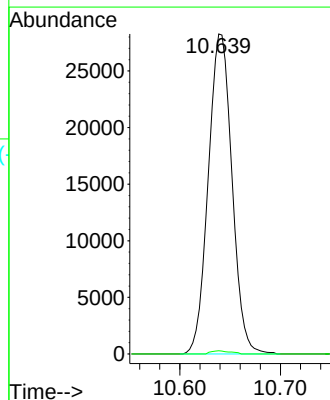
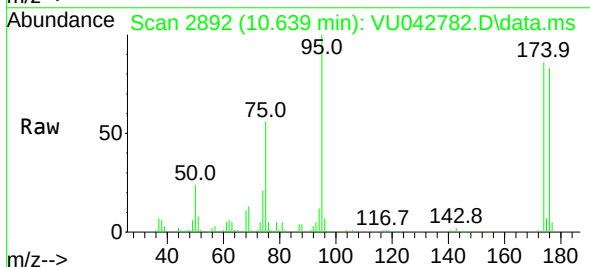
Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#04

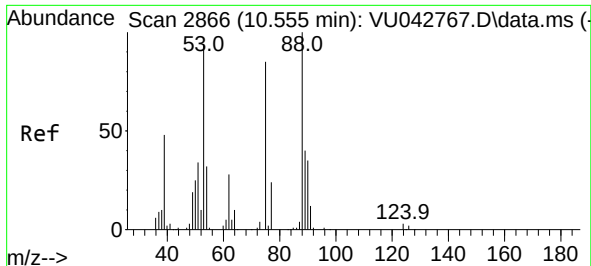
Tgt Ion:152 Resp: 83685
 Ion Ratio Lower Upper
 152 100
 115 58.1 41.0 123.0
 150 157.4 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 21.77 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042782.D
 Acq: 25 Mar 2021 14:03

Tgt Ion: 75 Resp: 46336
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.6 58.8#

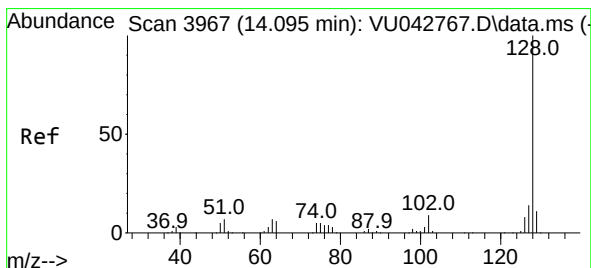
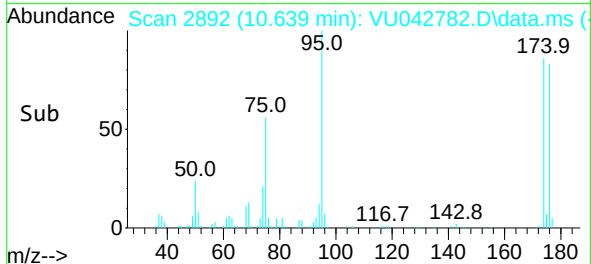
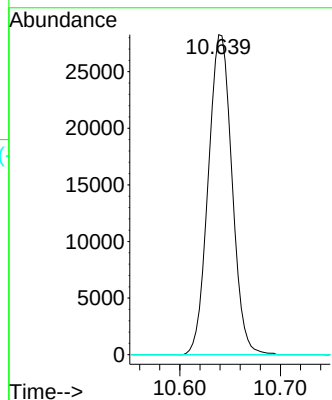
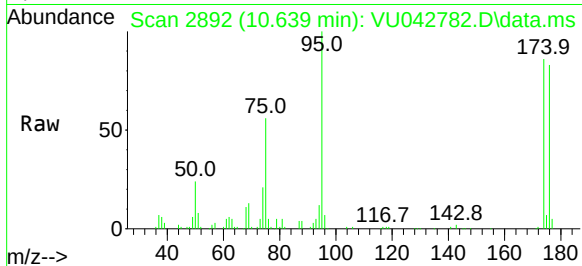




#81
trans-1,4-Dichloro-2-butene
Concen: 64.50 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#04

Tgt Ion: 75 Resp: 46336
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.63 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042782.D
Acq: 25 Mar 2021 14:03

Tgt Ion:128 Resp: 313
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

