

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042783.D
 Acq On : 25 Mar 2021 14:27
 Operator : SY/MD
 Sample : PB1355335ZHE#05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#05

Quant Time: Mar 26 02:26:17 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)

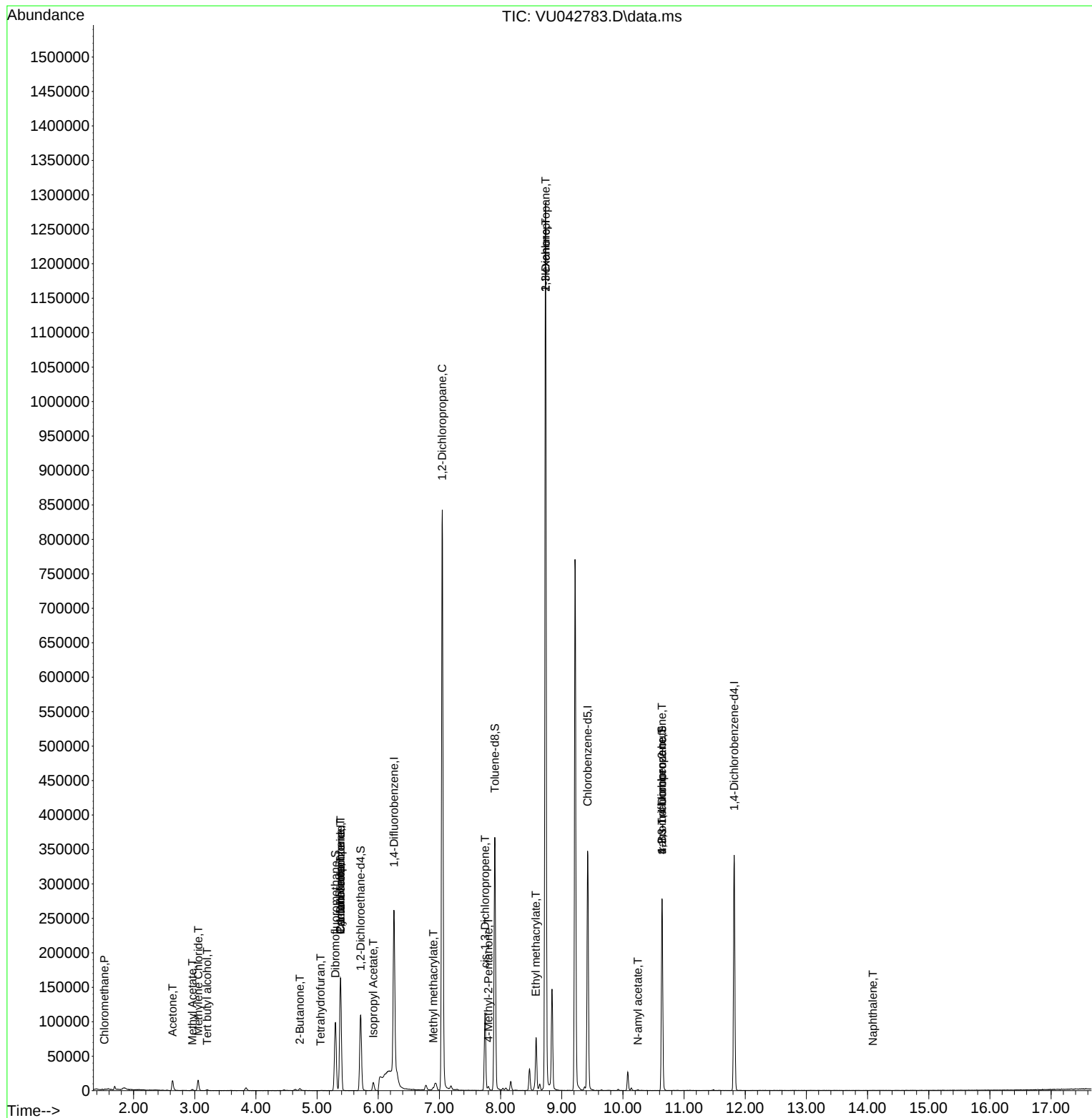
Internal Standards						
1) Pentafluorobenzene	5.385	168	111266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	176657	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	176201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	86186	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
35) Dibromofluoromethane	5.298	113	60906	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	7.906	98	226253	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	10.639	95	82159	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	407	0.29	ug/l	95
5) Bromomethane	1.867	94	80	Below Cal	#	2
6) Chloroethane	1.944	64	124	Below Cal	#	43
11) Tert butyl alcohol	3.202	59	1182	3.12	ug/l	# 74
16) Acetone	2.639	43	18595	7.64	ug/l	96
18) Methyl Acetate	2.960	43	2621	1.29	ug/l	# 81
20) Methylene Chloride	3.057	84	6106	4.78	ug/l	98
25) 2-Butanone	4.716	43	5005	3.47	ug/l	99
29) Tetrahydrofuran	5.060	42	197	0.22	ug/l	# 38
31) Cyclohexane	5.382	56	2712	1.23	ug/l	# 14
36) 1,1-Dichloropropene	5.382	75	9077	5.19	ug/l	# 52
38) Carbon Tetrachloride	5.385	117	11046	5.54	ug/l	# 17
43) Isopropyl Acetate	5.919	43	13190	3.23	ug/l	99
45) 1,2-Dichloropropane	7.044	63	870	0.63	ug/l	# 45
48) Methyl methacrylate	6.899	41	5058	2.57	ug/l	# 17
51) 4-Methyl-2-Pentanone	7.803	43	3926	1.37	ug/l	95
54) cis-1,3-Dichloropropene	7.745	75	16606	7.45	ug/l	# 69
56) Ethyl methacrylate	8.578	69	614	0.29	ug/l	# 1
57) 1,3-Dichloropropane	8.735	76	12064	5.11	ug/l	# 42
59) 2-Hexanone	8.735	43	200239	88.12	ug/l	# 53
74) N-amyl acetate	10.243	43	980	0.33	ug/l	# 48
76) 1,2,3-Trichloropropane	10.639	75	46705	22.05	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	10.639	75	46705	65.33	ug/l	# 6
95) Naphthalene	14.089	128	98	2.59	ug/l	# 68

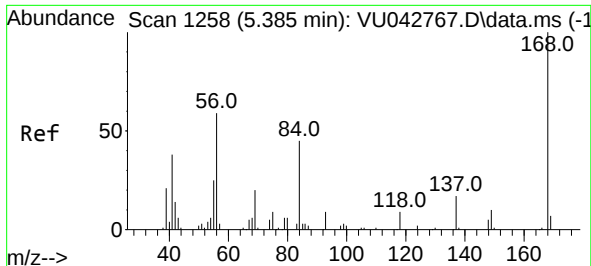
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

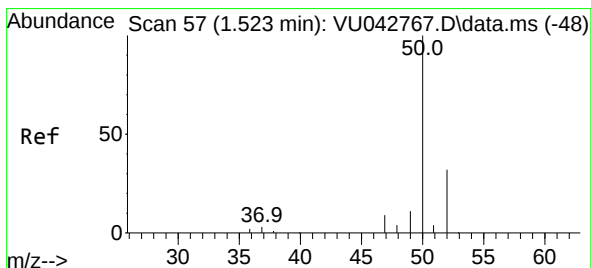
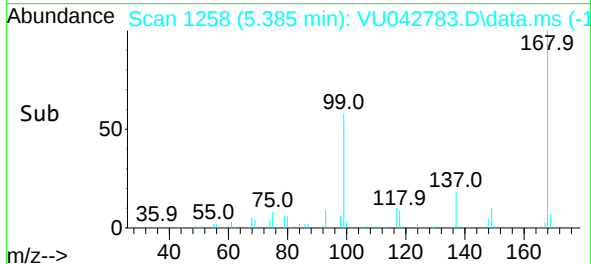
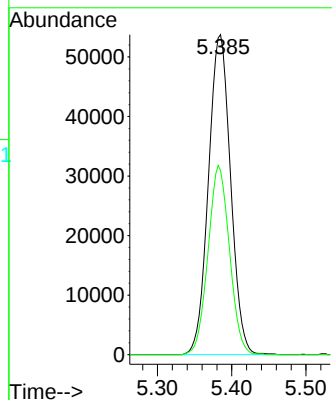
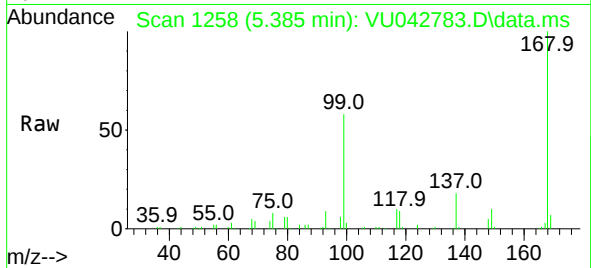




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

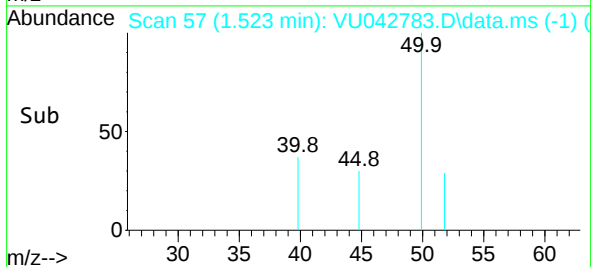
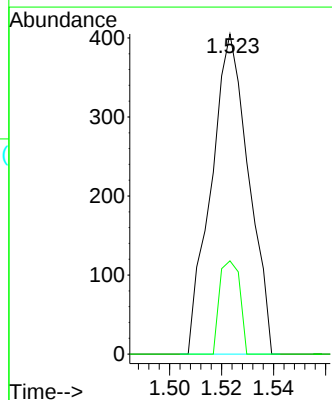
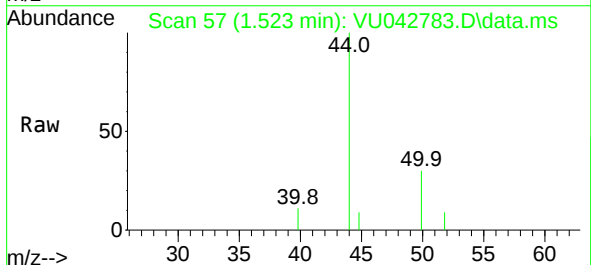
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

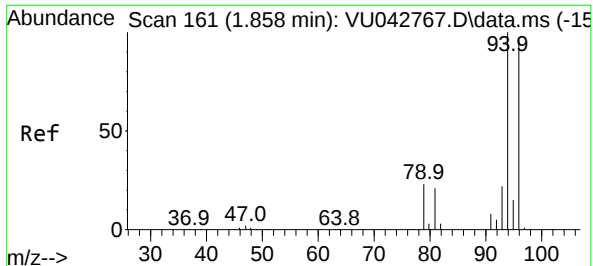
Tgt Ion:168 Resp: 111266
Ion Ratio Lower Upper
168 100
99 57.6 46.4 69.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 50 Resp: 407
Ion Ratio Lower Upper
50 100
52 29.1 25.4 38.0





#5

Bromomethane

Concen: Below Cal

RT: 1.867 min Scan# 164

Delta R.T. 0.009 min

Lab File: VU042783.D

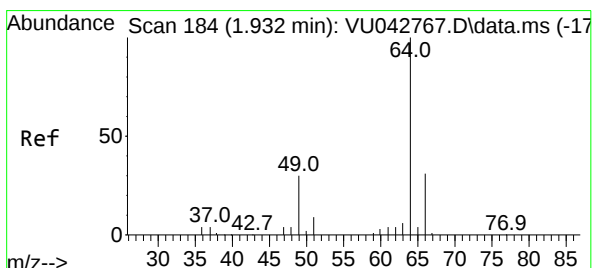
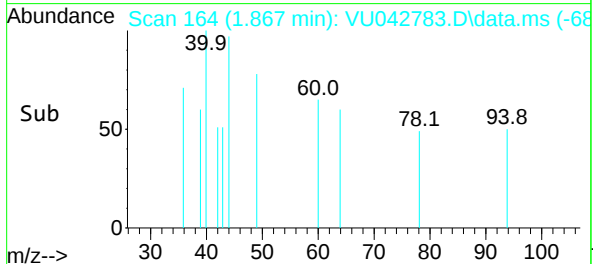
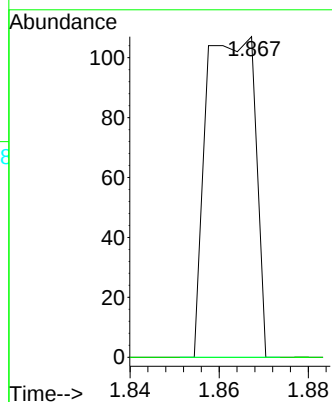
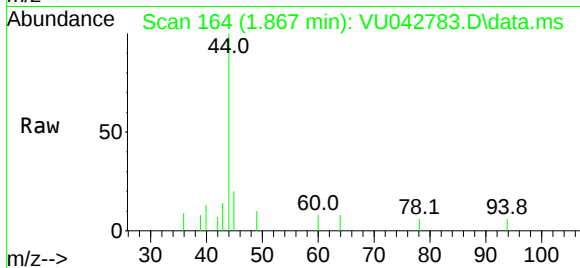
Acq: 25 Mar 2021 14:27

Tgt Ion: 94 Resp: 80

Ion Ratio Lower Upper

94 100

96 0.0 77.1 115.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.944 min Scan# 188

Delta R.T. 0.012 min

Lab File: VU042783.D

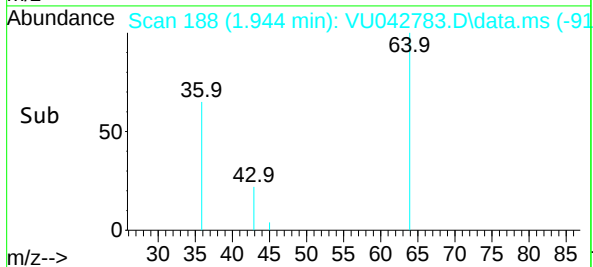
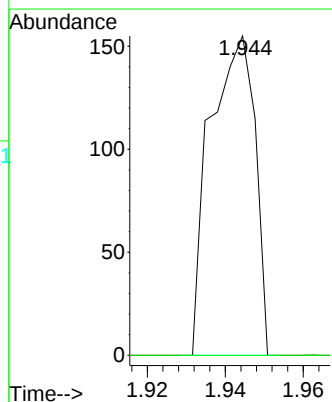
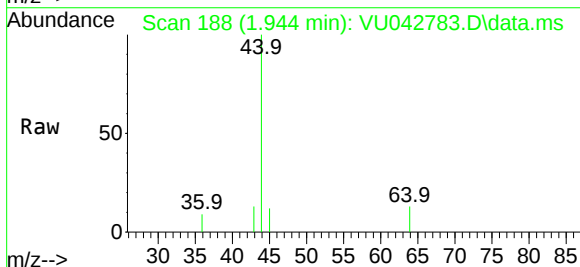
Acq: 25 Mar 2021 14:27

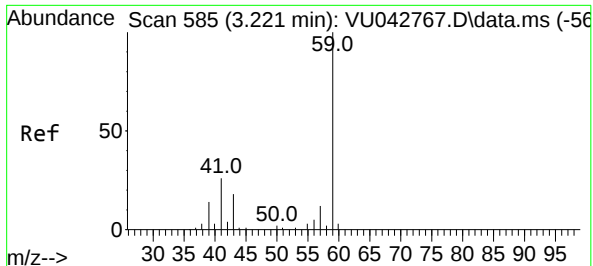
Tgt Ion: 64 Resp: 124

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



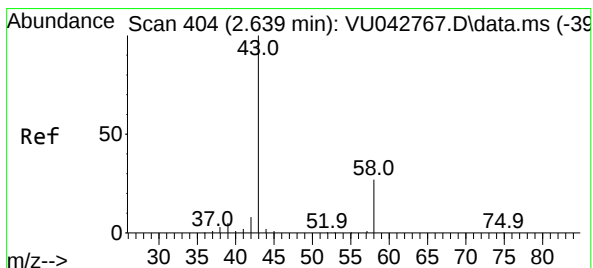
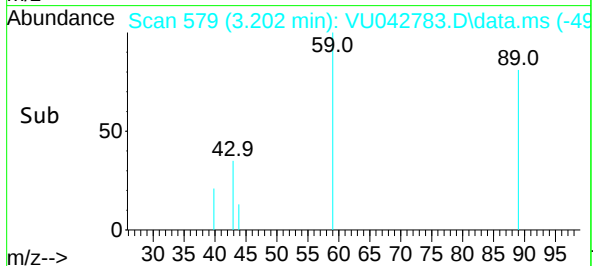
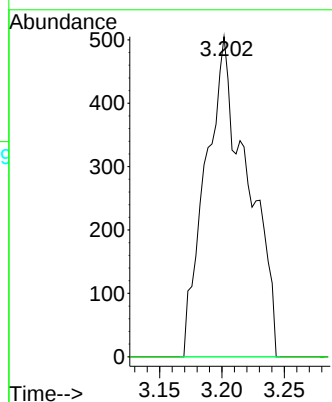
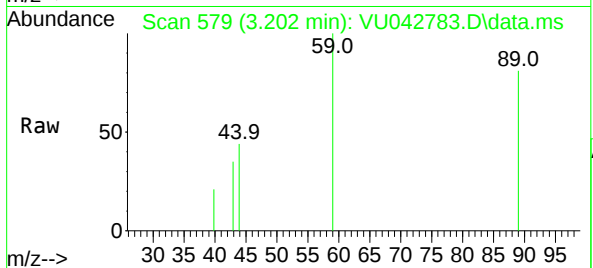


#11

Tert butyl alcohol
Concen: 3.12 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.020 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

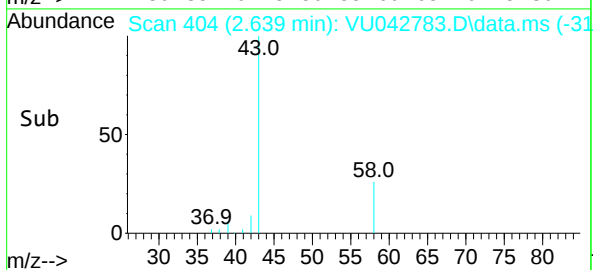
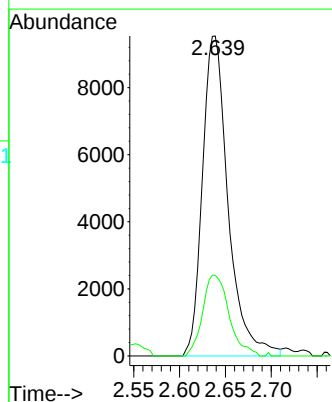
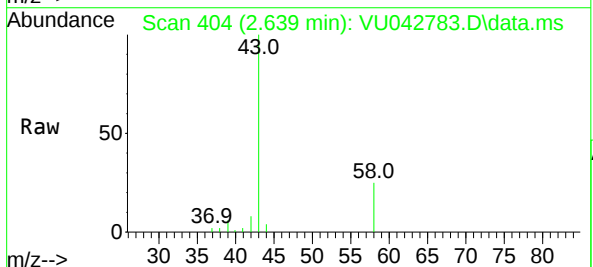
Tgt Ion: 59 Resp: 1182
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

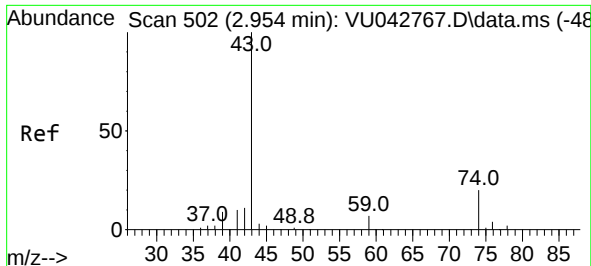


#16

Acetone
Concen: 7.64 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 43 Resp: 18595
Ion Ratio Lower Upper
43 100
58 25.2 21.6 32.4

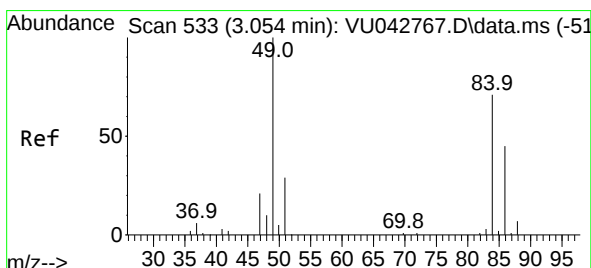
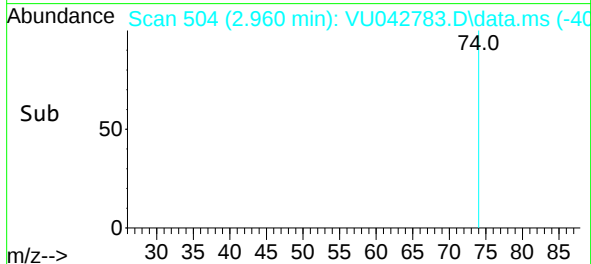
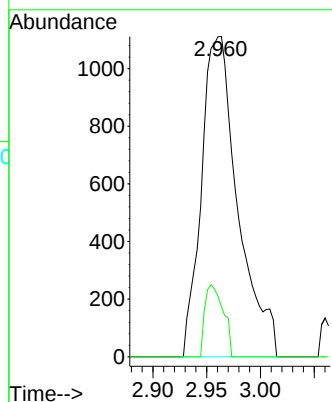
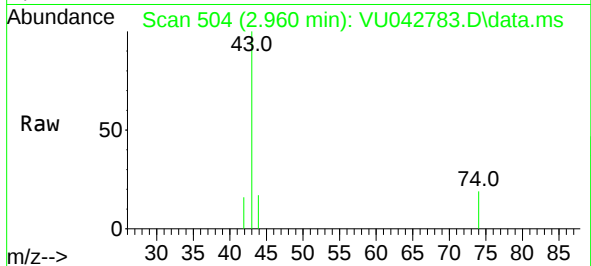




#18
Methyl Acetate
Concen: 1.29 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

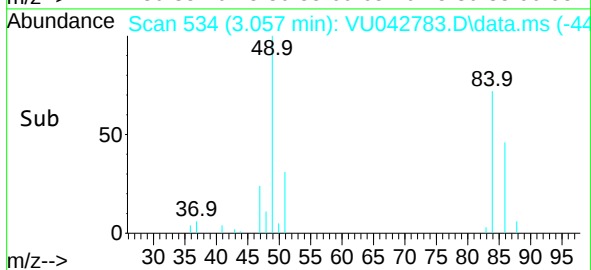
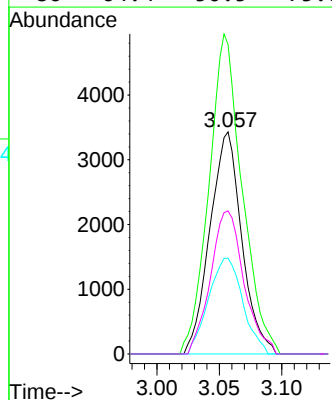
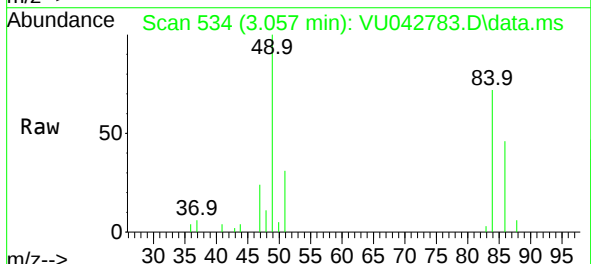
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

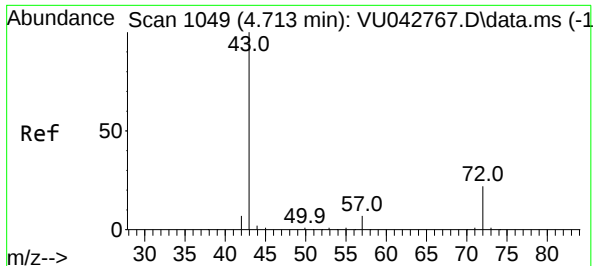
Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
74 11.3 16.2 24.4#



#20
Methylene Chloride
Concen: 4.78 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 84 Resp: 6106
Ion Ratio Lower Upper
84 100
49 139.4 113.0 169.4
51 43.1 32.9 49.3
86 64.4 50.5 75.7





#25

2-Butanone

Concen: 3.47 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU042783.D

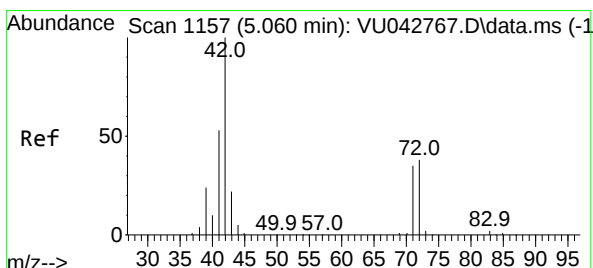
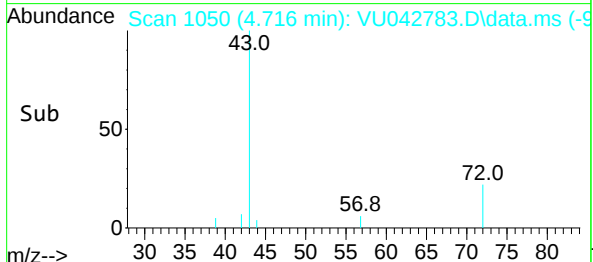
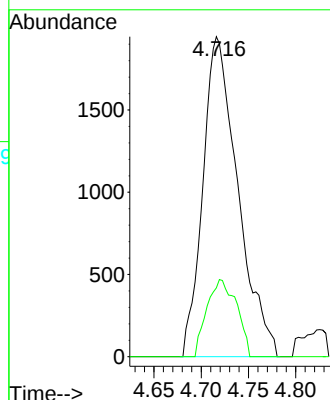
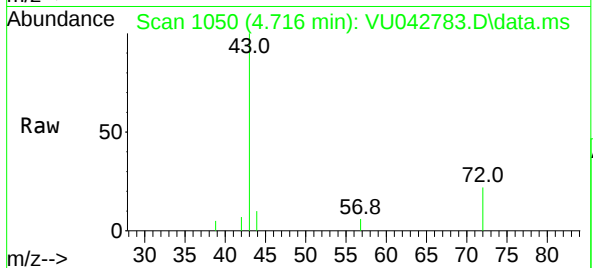
Acq: 25 Mar 2021 14:27

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

43 100

72 21.5 17.7 26.5



#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VU042783.D

Acq: 25 Mar 2021 14:27

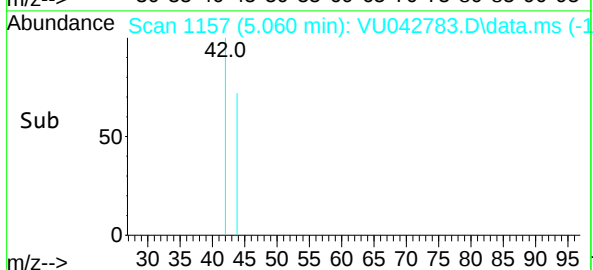
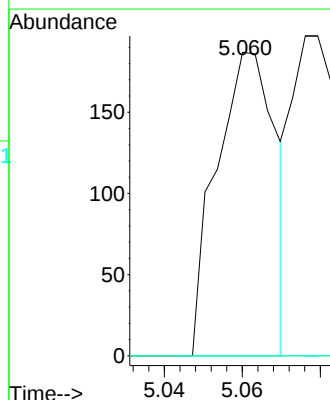
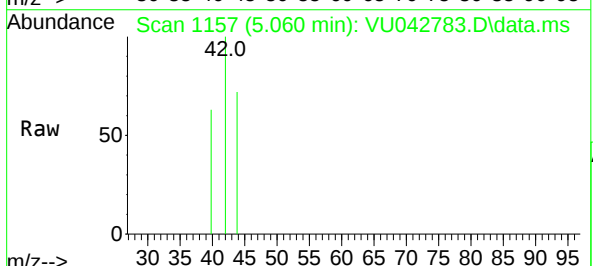
Tgt Ion: 42 Resp: 197

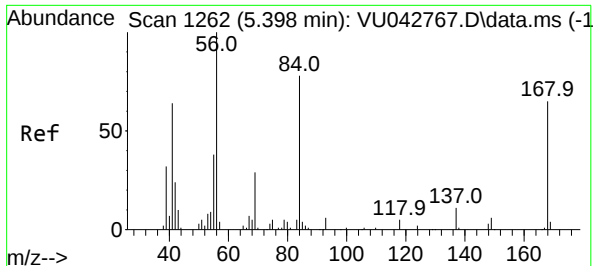
Ion Ratio Lower Upper

42 100

72 0.0 30.2 45.4#

71 0.0 28.6 42.8#

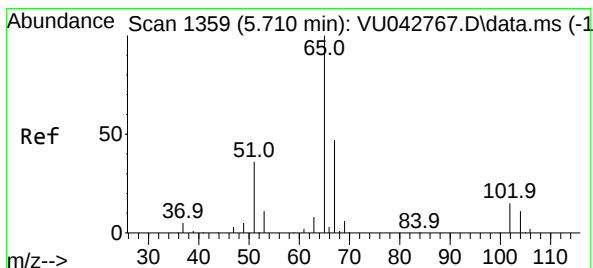
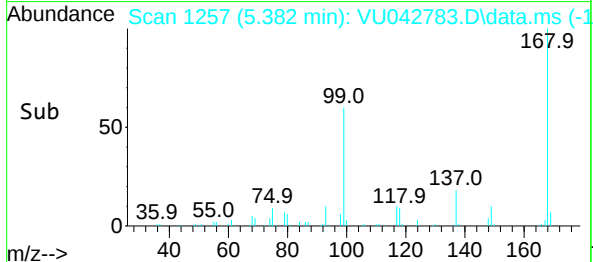
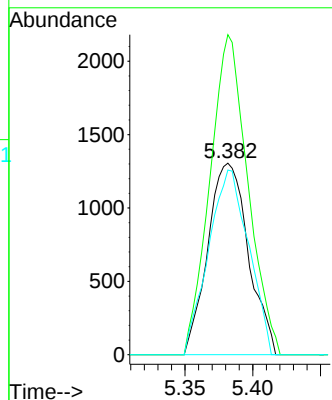
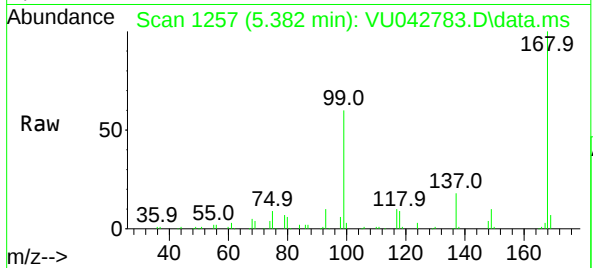




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

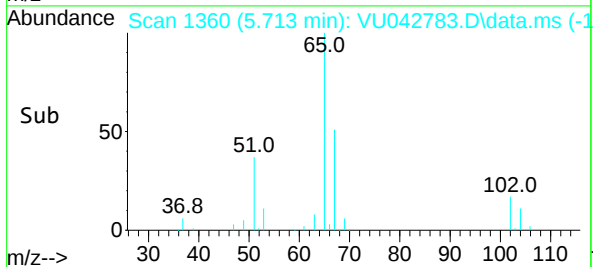
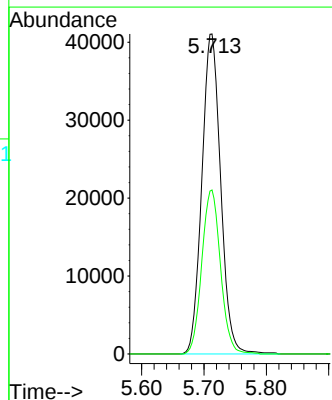
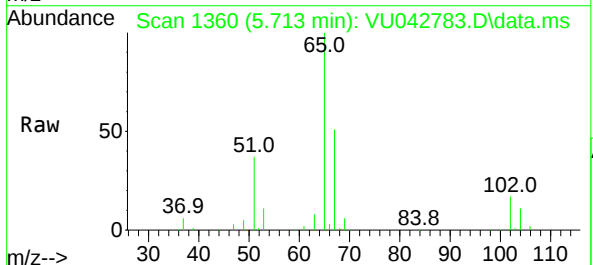
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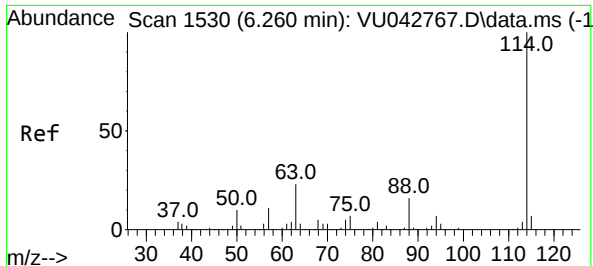
Tgt Ion: 56 Resp: 2712
Ion Ratio Lower Upper
56 100
69 167.0 23.3 34.9#
84 96.4 62.2 93.4#



#33
1,2-Dichloroethane-d4
Concen: 48.59 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 65 Resp: 86186
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.8

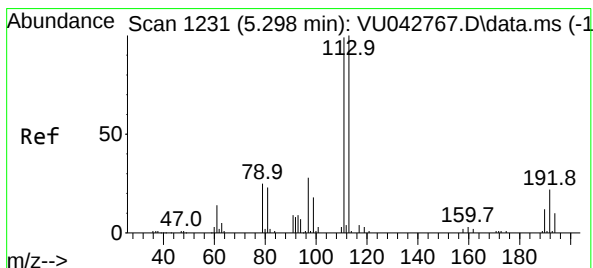
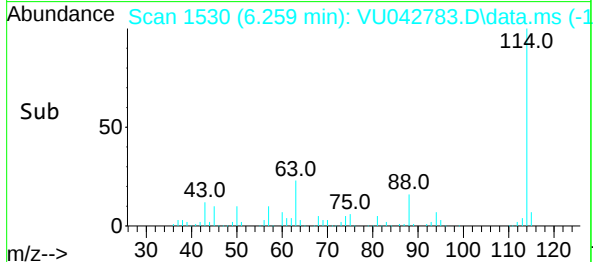
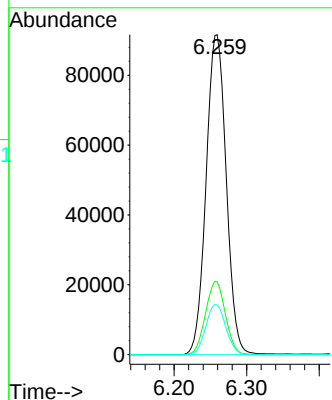
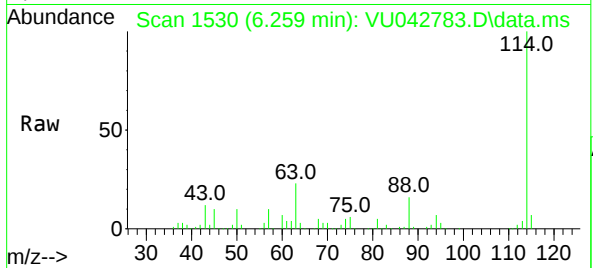




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.001 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

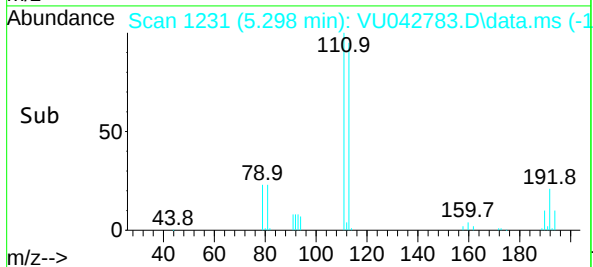
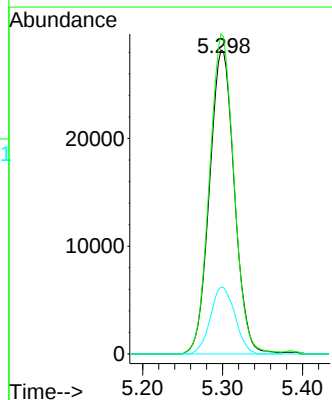
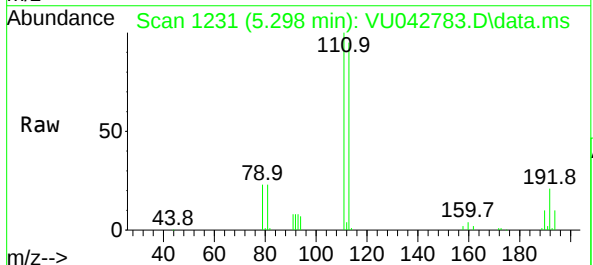
Instrument :
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PB1355335ZHE#05

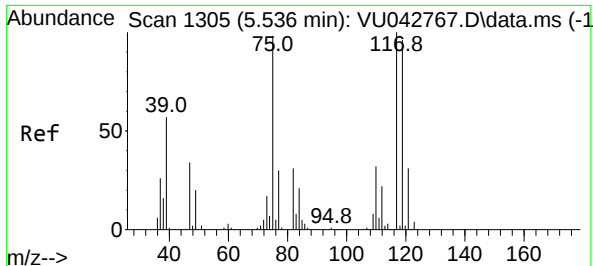
Tgt Ion:114 Resp: 176657
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 15.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.20 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion:113 Resp: 60906
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 21.7 17.6 26.4

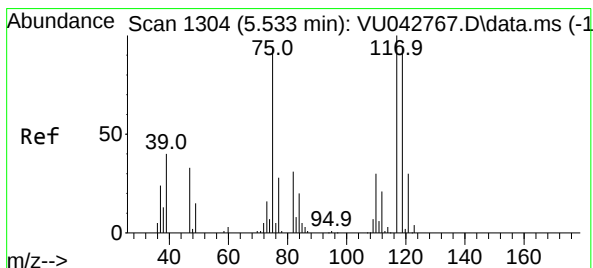
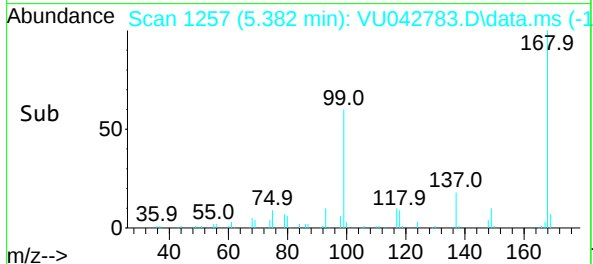
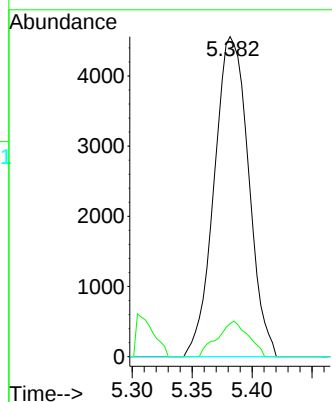
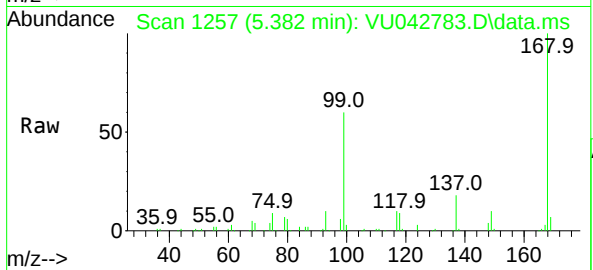




#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

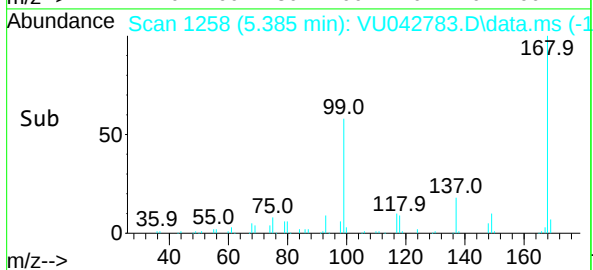
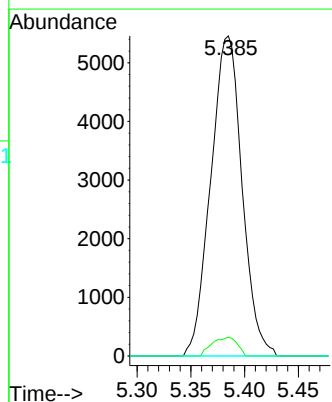
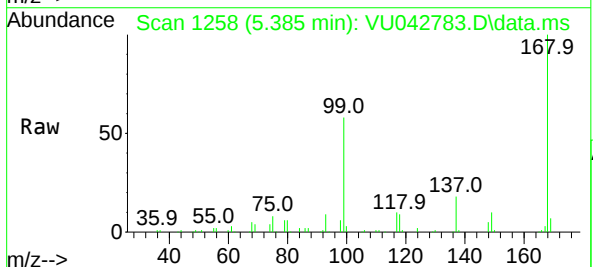
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

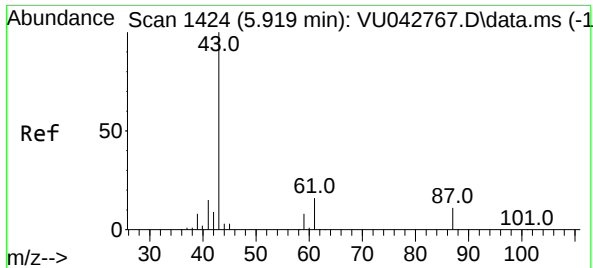
Tgt Ion: 75 Resp: 9077
Ion Ratio Lower Upper
75 100
110 10.0 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 117 Resp: 11046
Ion Ratio Lower Upper
117 100
119 5.9 75.2 112.8#
121 0.0 24.2 36.4#

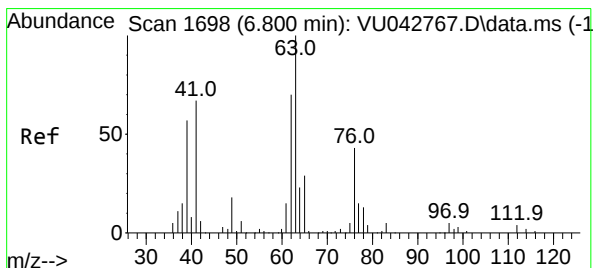
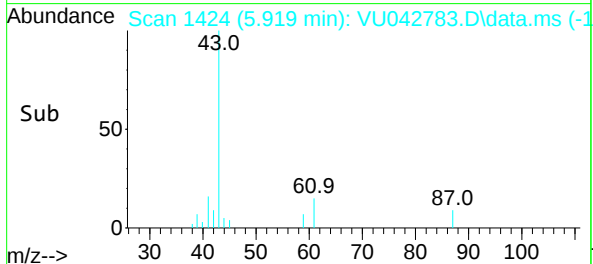
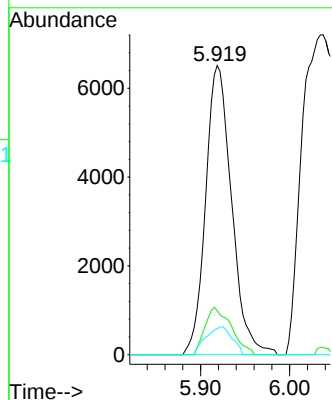
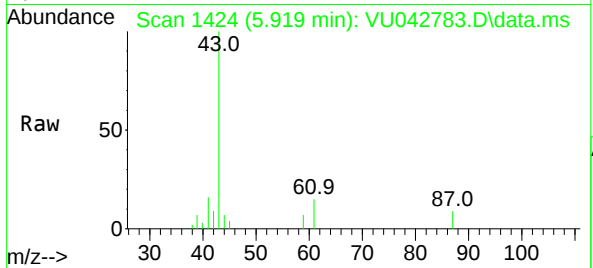




#43
Isopropyl Acetate
Concen: 3.23 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

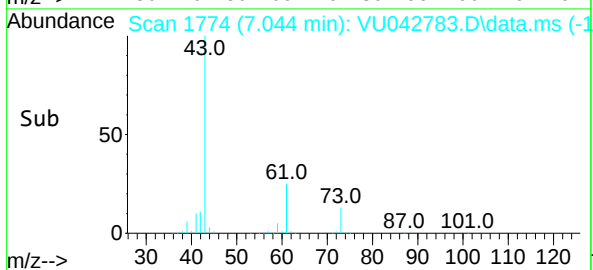
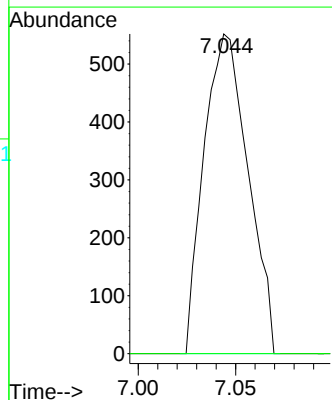
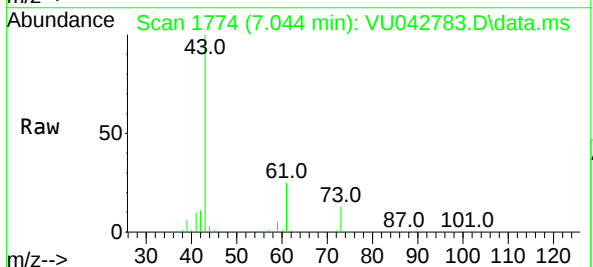
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

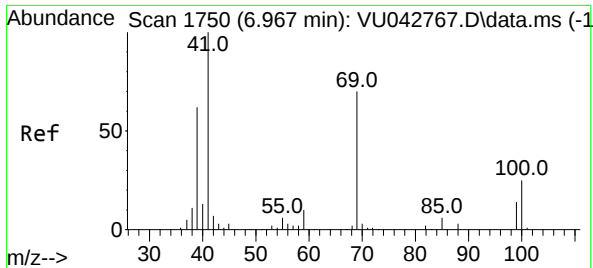
Tgt Ion:	43	Resp:	13190
Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.4	20.0
87	9.7	8.7	13.1



#45
1,2-Dichloropropane
Concen: 0.63 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion:	63	Resp:	870
Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.5	35.3#

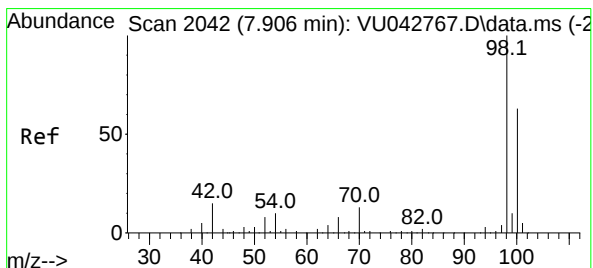
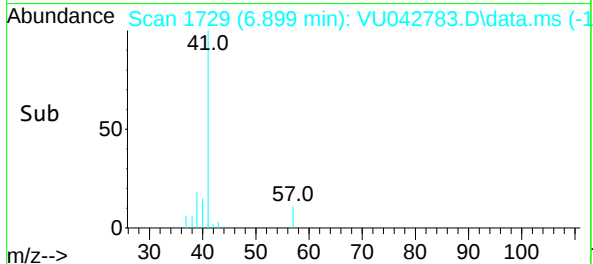
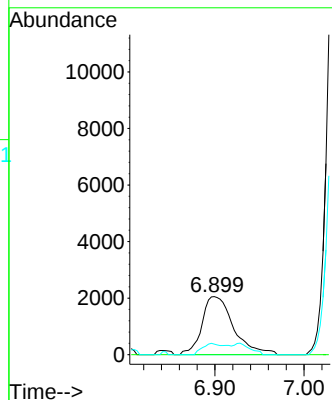
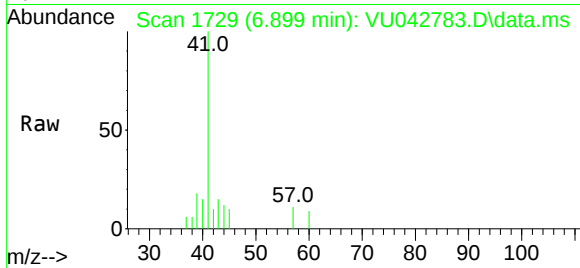




#48
Methyl methacrylate
Concen: 2.57 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

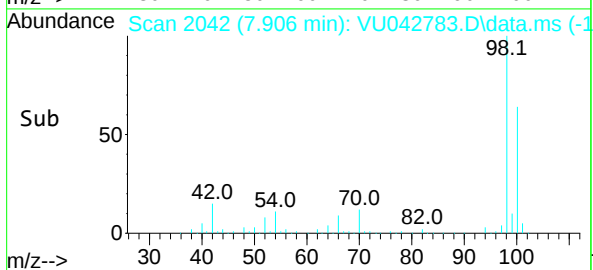
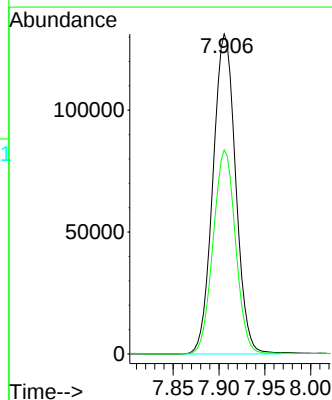
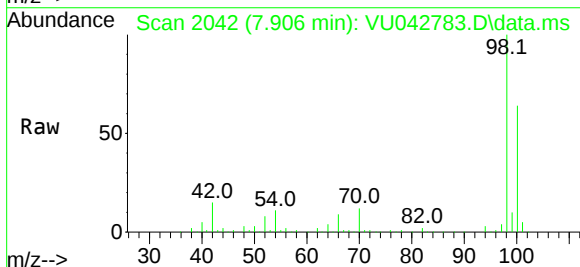
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

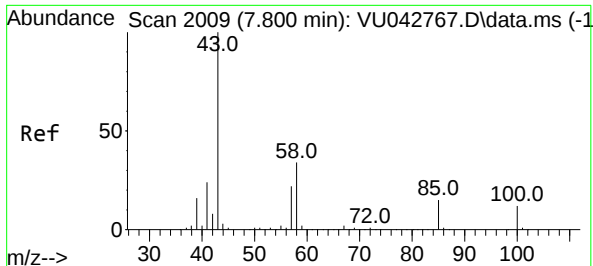
Tgt Ion: 41 Resp: 5058
Ion Ratio Lower Upper
41 100
69 0.0 55.9 83.9#
39 0.0 49.7 74.5#



#50
Toluene-d8
Concen: 48.78 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 98 Resp: 226253
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6

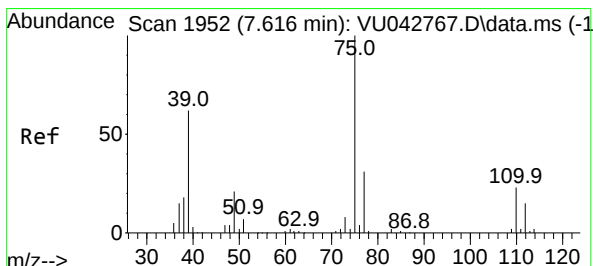
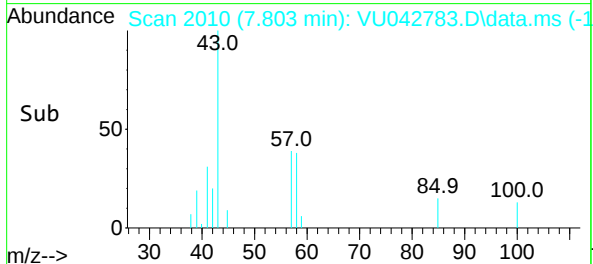
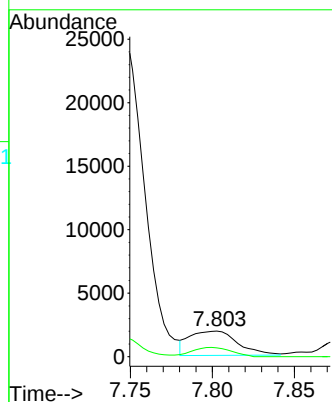
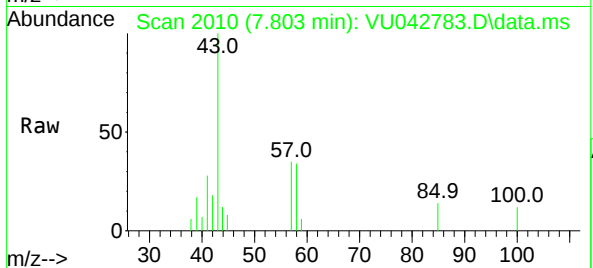




#51
4-Methyl-2-Pentanone
Concen: 1.37 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

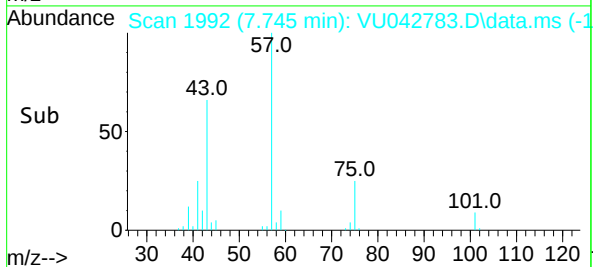
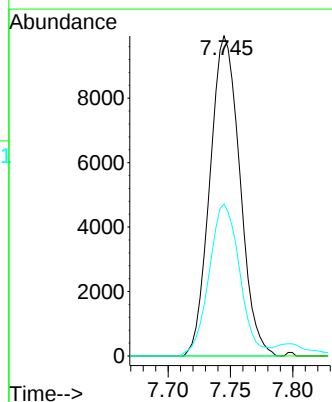
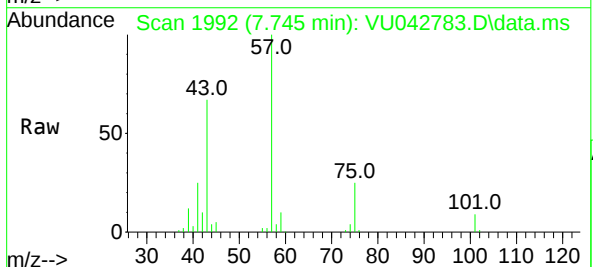
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

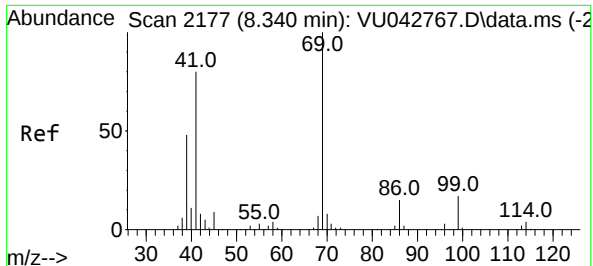
Tgt Ion: 43 Resp: 3926
Ion Ratio Lower Upper
43 100
58 31.5 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 7.45 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.128 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 75 Resp: 16606
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 47.5 49.2 73.8#





#56

Ethyl methacrylate

Concen: 0.29 ug/l

RT: 8.578 min Scan# 2251

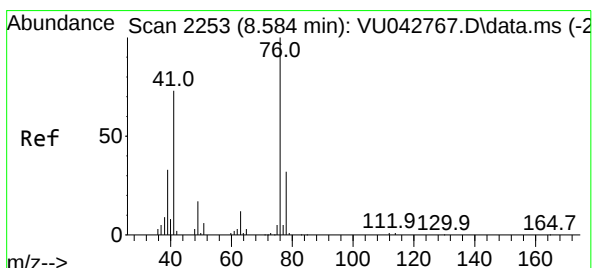
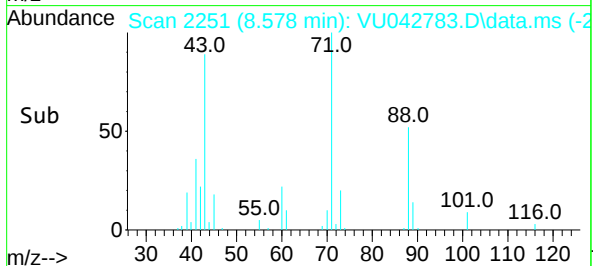
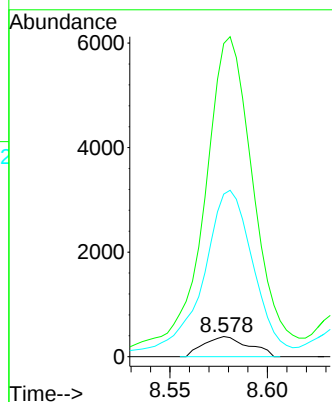
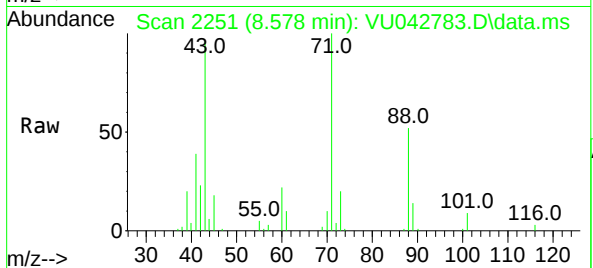
Delta R.T. 0.238 min

Lab File: VU042783.D

Acq: 25 Mar 2021 14:27

Tgt Ion:	69	Resp:	614
Ion	Ratio	Lower	Upper
69	100		
41	1809.6	64.6	97.0#
39	954.2	38.2	57.2#

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05



#57

1,3-Dichloropropane

Concen: 5.11 ug/l

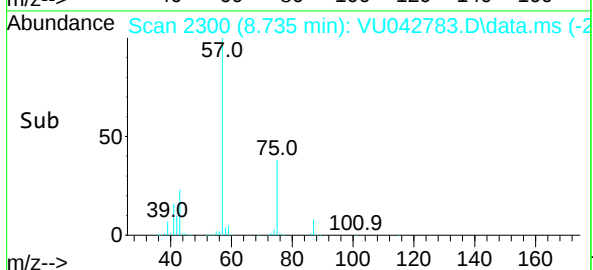
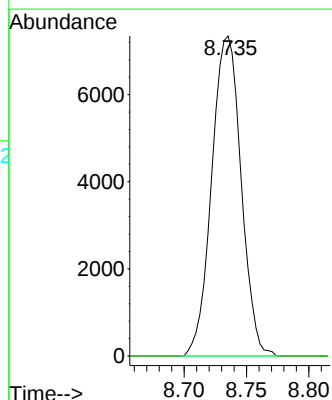
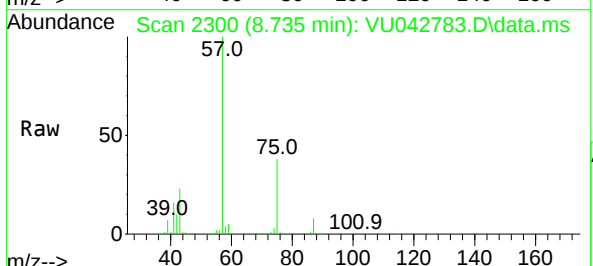
RT: 8.735 min Scan# 2300

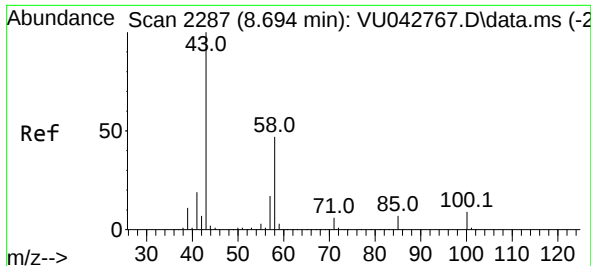
Delta R.T. 0.151 min

Lab File: VU042783.D

Acq: 25 Mar 2021 14:27

Tgt Ion:	76	Resp:	12064
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#

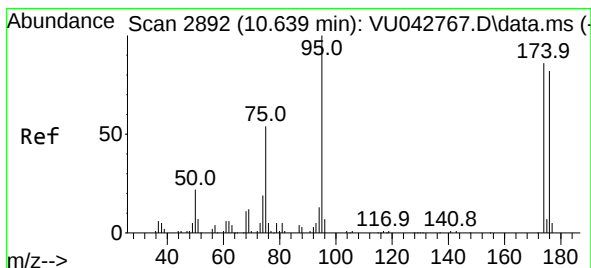
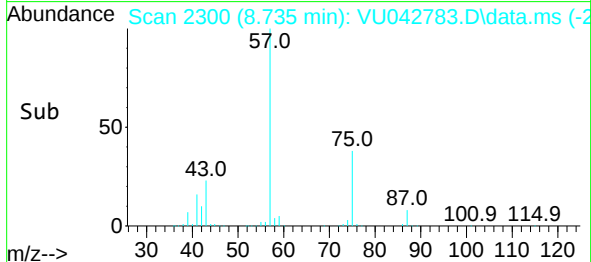
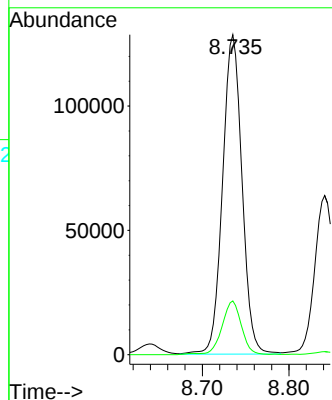
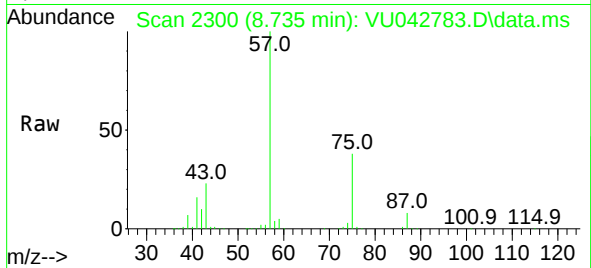




#59
2-Hexanone
Concen: 88.12 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

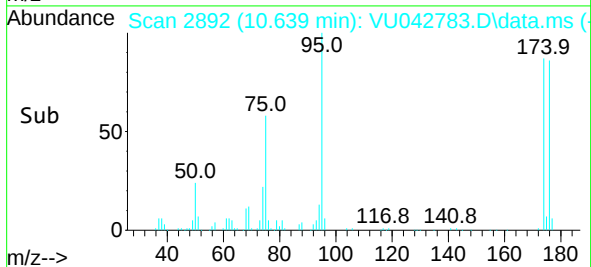
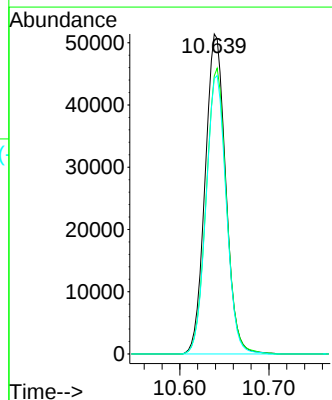
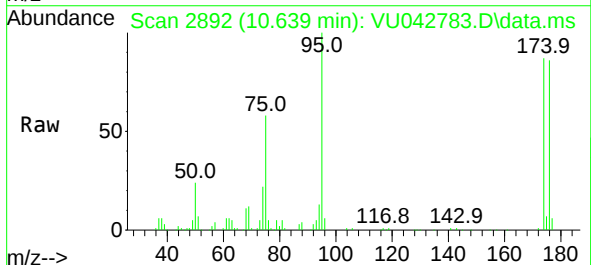
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

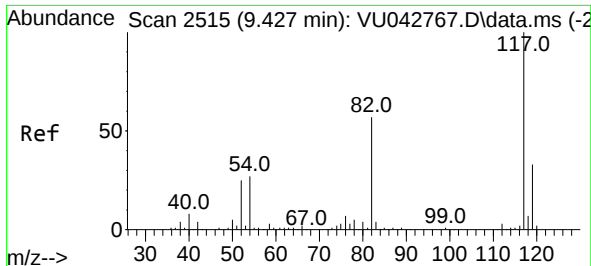
Tgt Ion: 43 Resp: 200239
Ion Ratio Lower Upper
43 100
58 16.3 23.8 71.2#



#62
4-Bromofluorobenzene
Concen: 45.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 95 Resp: 82159
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.2
176 85.6 0.0 167.4

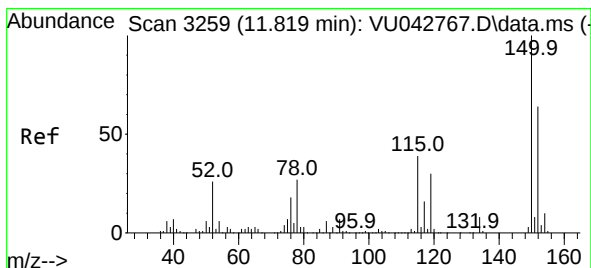
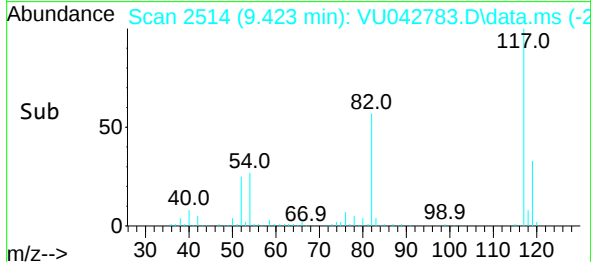
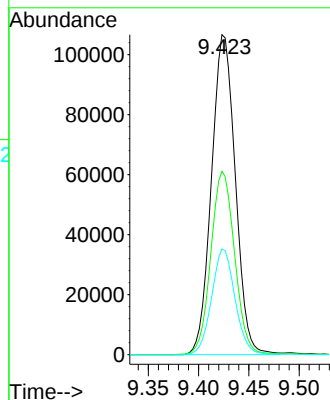
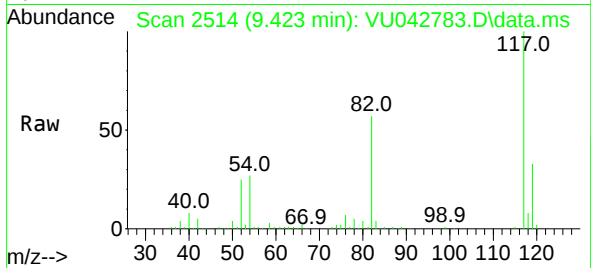




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

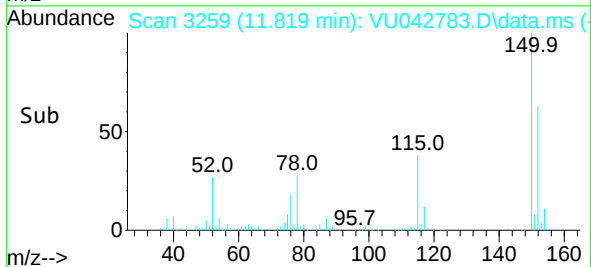
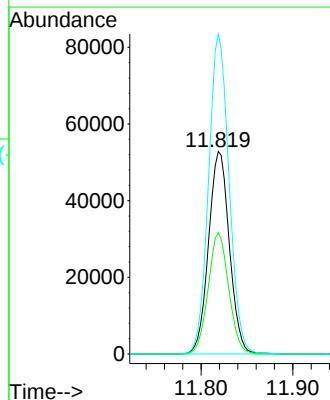
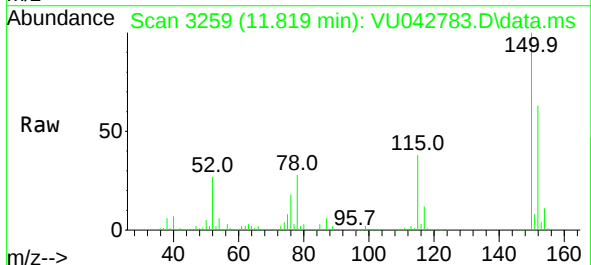
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

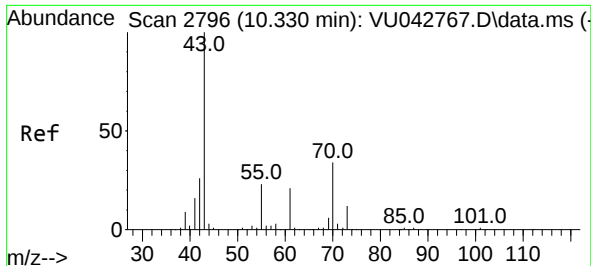
Tgt Ion:117 Resp: 176201
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion:152 Resp: 83292
Ion Ratio Lower Upper
152 100
115 58.9 41.0 123.0
150 155.3 0.0 341.0

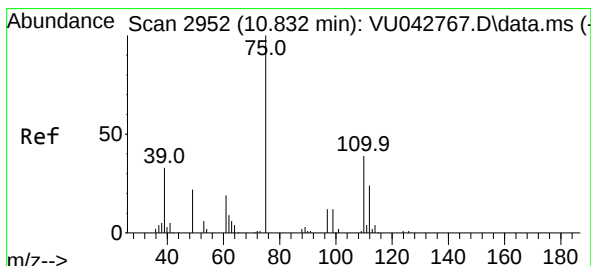
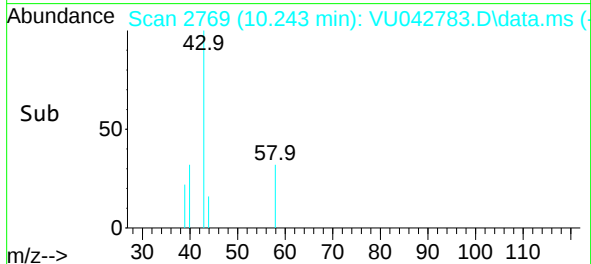
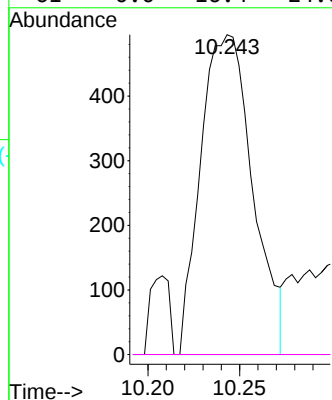
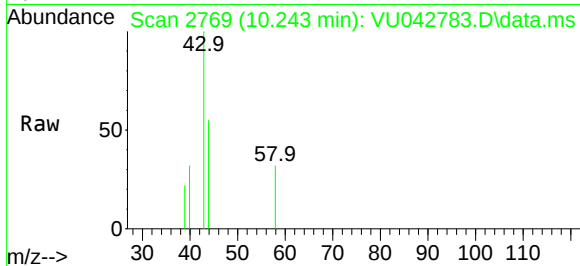




#74
N-amy1 acetate
Concen: 0.33 ug/l
RT: 10.243 min Scan# 2769
Delta R.T. -0.087 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

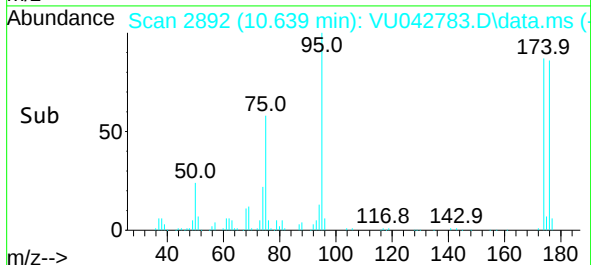
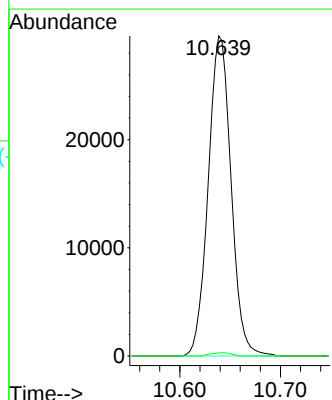
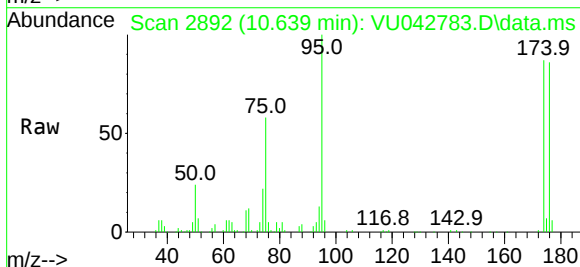
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

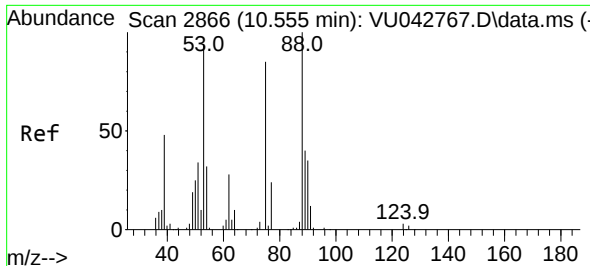
Tgt Ion: 43	Resp: 980
Ion Ratio	Lower Upper
43 100	
70 0.0	27.8 41.6#
55 0.0	18.4 27.6#
61 0.0	16.4 24.6#



#76
1,2,3-Trichloropropane
Concen: 22.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 75	Resp: 46705
Ion Ratio	Lower Upper
75 100	
77 0.9	19.6 58.8#

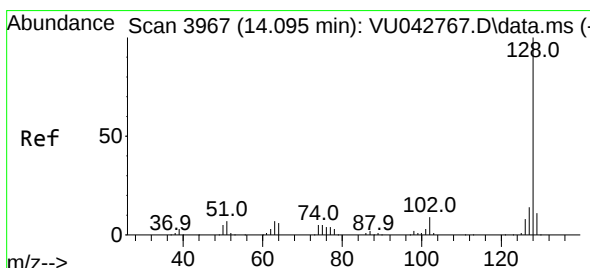
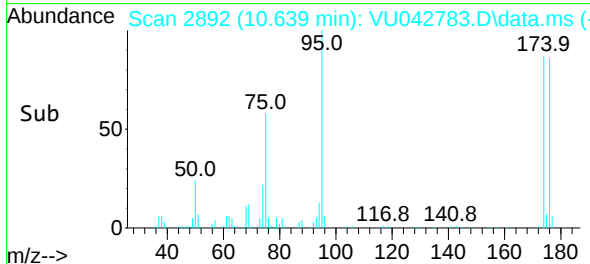
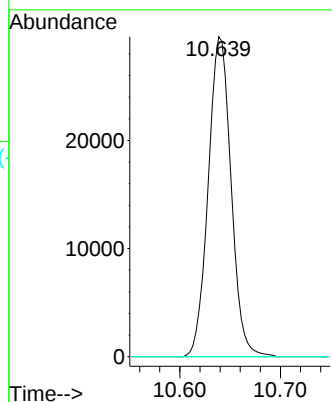
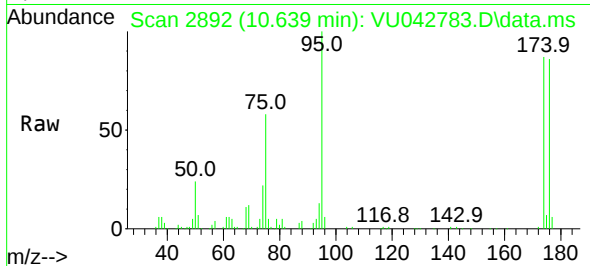




#81
trans-1,4-Dichloro-2-butene
Concen: 65.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#05

Tgt Ion: 75 Resp: 46705
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.59 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.006 min
Lab File: VU042783.D
Acq: 25 Mar 2021 14:27

Tgt Ion: 128 Resp: 98
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.7 13.1#

