

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042781.D
 Acq On : 25 Mar 2021 13:40
 Operator : SY/MD
 Sample : PB1355335ZHE#03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#03

Quant Time: Mar 26 02:25:40 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)

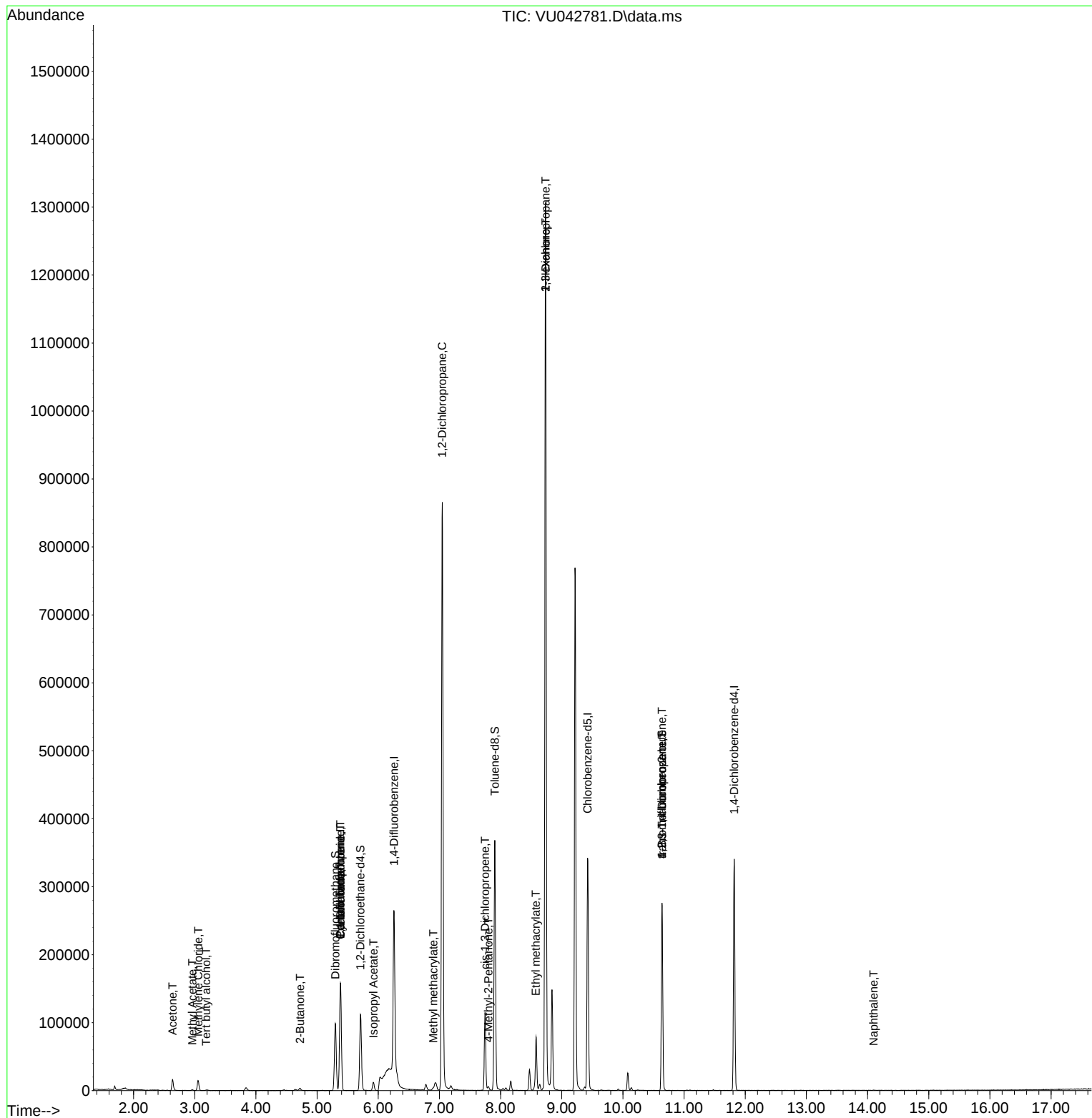
Internal Standards						
1) Pentafluorobenzene	5.382	168	110657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	176638	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	174214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	87097	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	5.298	113	60324	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	7.906	98	223211	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.639	95	80924	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds					Qvalue	
5) Bromomethane	1.864	94	178	Below Cal	#	67
6) Chloroethane	1.893	64	46	Below Cal	#	43
11) Tert butyl alcohol	3.189	59	680	1.80	ug/l #	74
16) Acetone	2.639	43	19914	9.30	ug/l	97
18) Methyl Acetate	2.961	43	1826	0.90	ug/l	92
20) Methylene Chloride	3.057	84	6362	5.01	ug/l	94
25) 2-Butanone	4.723	43	5518	3.84	ug/l	97
31) Cyclohexane	5.385	56	2744	1.25	ug/l #	20
36) 1,1-Dichloropropene	5.382	75	8927	5.11	ug/l #	47
38) Carbon Tetrachloride	5.382	117	10912	5.47	ug/l #	17
43) Isopropyl Acetate	5.922	43	13919	3.41	ug/l	98
45) 1,2-Dichloropropane	7.047	63	769	0.55	ug/l #	45
48) Methyl methacrylate	6.899	41	5013	2.54	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	4075	1.43	ug/l	95
54) cis-1,3-Dichloropropene	7.748	75	17090	7.67	ug/l #	66
56) Ethyl methacrylate	8.578	69	579	0.28	ug/l #	1
57) 1,3-Dichloropropane	8.735	76	11127	4.72	ug/l #	42
59) 2-Hexanone	8.735	43	205305	90.36	ug/l #	54
76) 1,2,3-Trichloropropane	10.639	75	45601	21.18	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.639	75	45601	62.74	ug/l #	6
95) Naphthalene	14.098	128	503	2.66	ug/l #	68

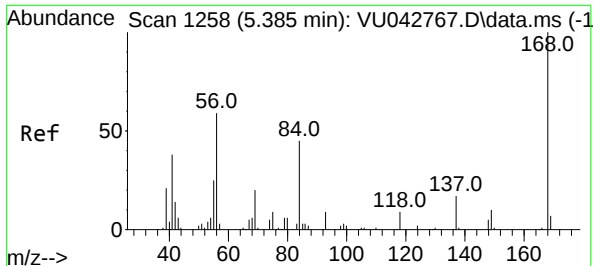
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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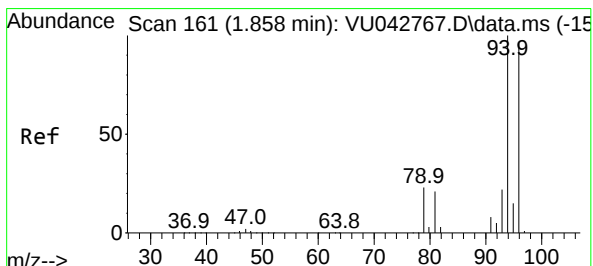
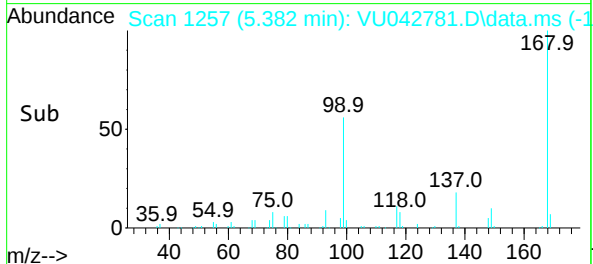
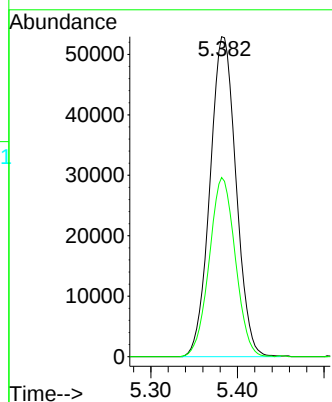
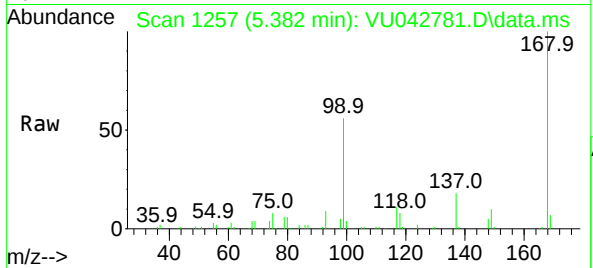




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

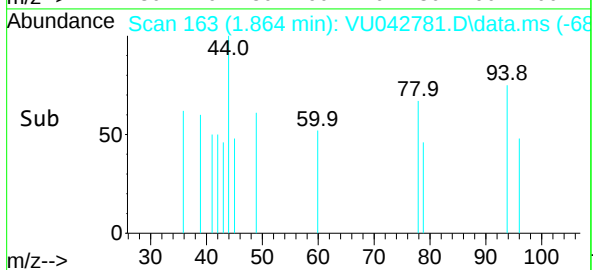
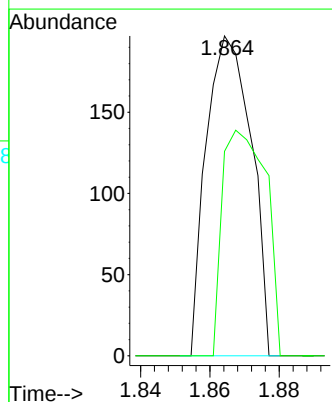
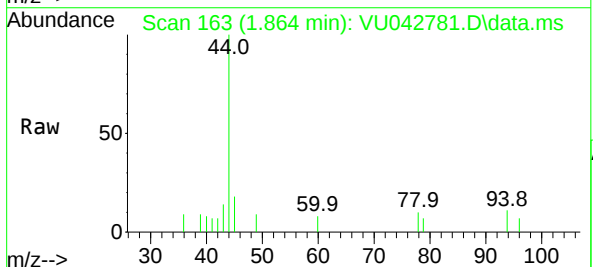
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

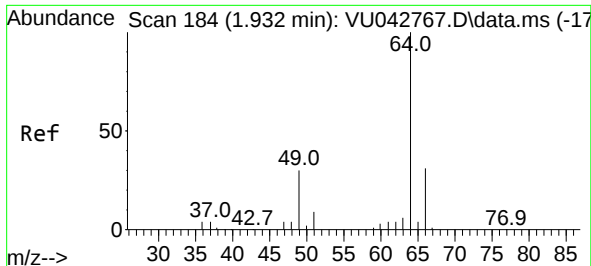
Tgt Ion:168 Resp: 110657
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.006 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 64.0 77.1 115.7#

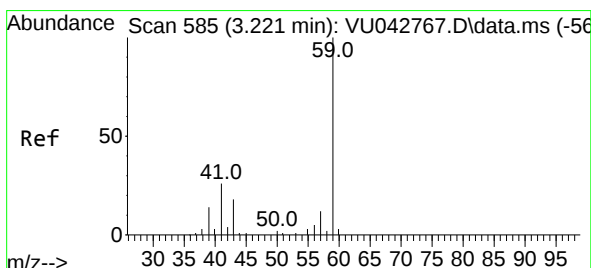
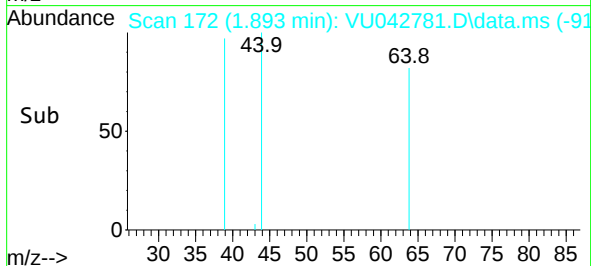
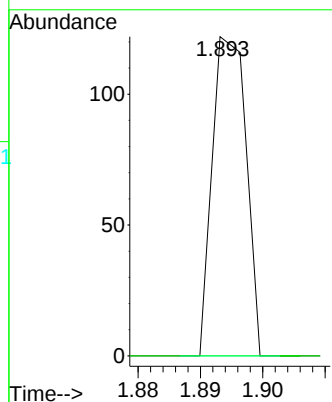
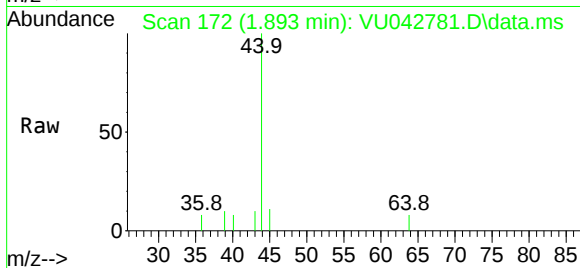




#6
Chloroethane
Concen: Below Cal
RT: 1.893 min Scan# 172
Delta R.T. -0.039 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

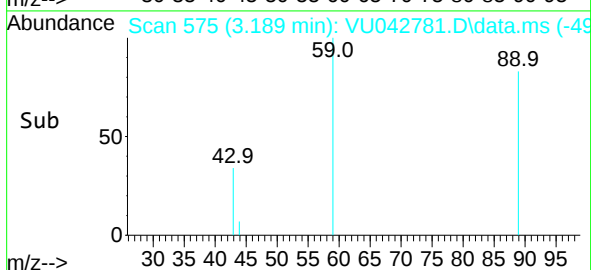
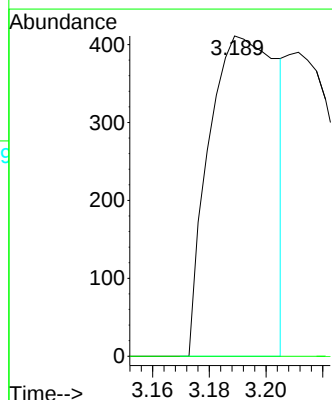
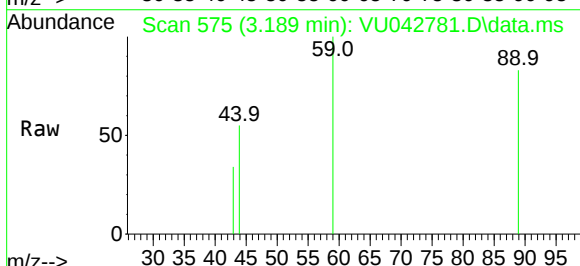
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

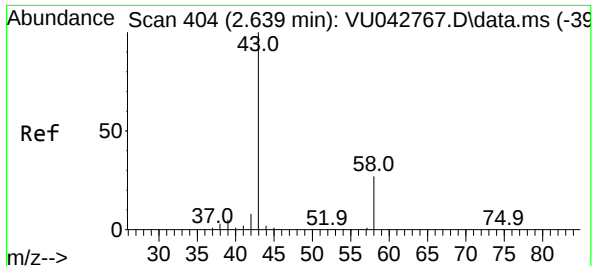
Tgt Ion: 64 Resp: 46
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#11
Tert butyl alcohol
Concen: 1.80 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.032 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

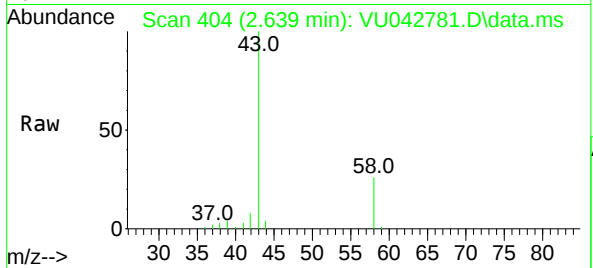
Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



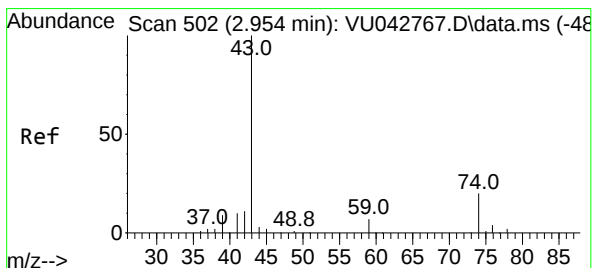
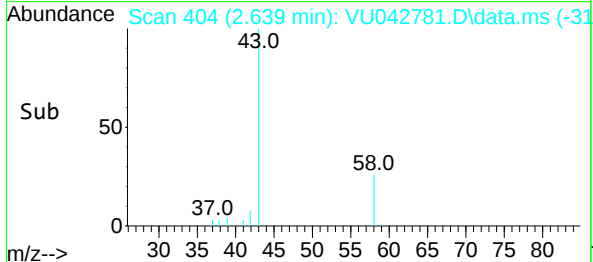
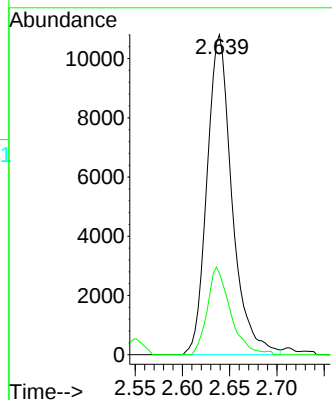


#16
Acetone
Concen: 9.30 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

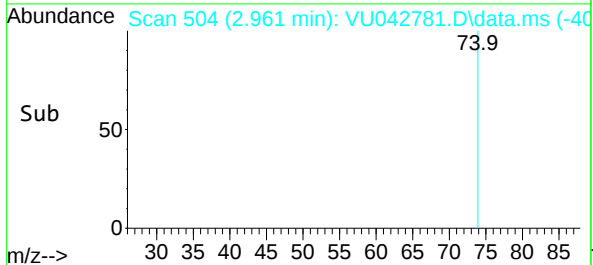
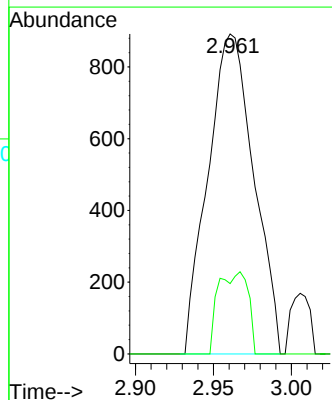
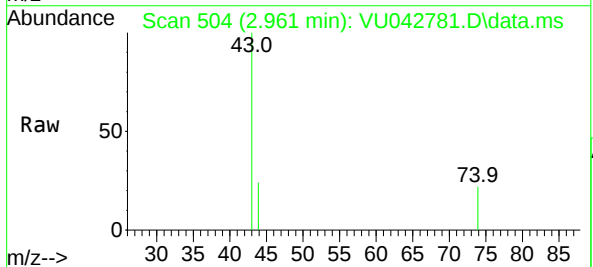


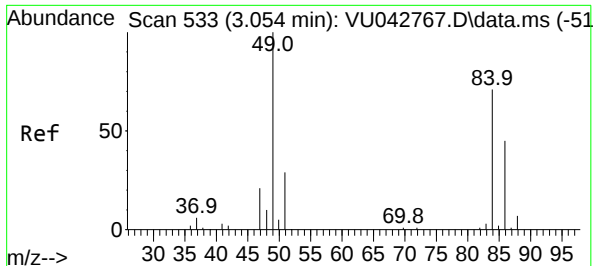
Tgt Ion: 43 Resp: 19914
Ion Ratio Lower Upper
43 100
58 25.5 21.6 32.4



#18
Methyl Acetate
Concen: 0.90 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
74 16.7 16.2 24.4





#20

Methylene Chloride

Concen: 5.01 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.003 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

Tgt Ion: 84 Resp: 6362

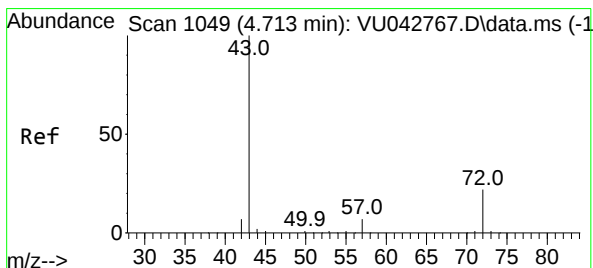
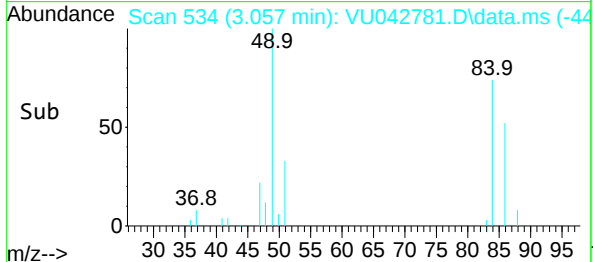
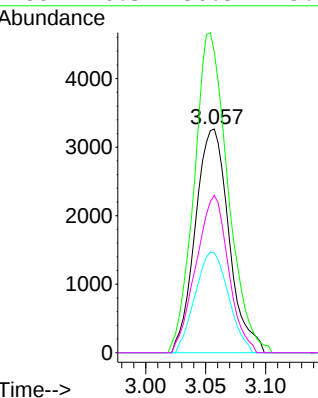
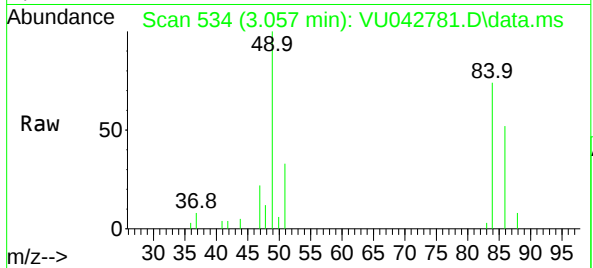
Ion Ratio Lower Upper

84 100

49 134.5 113.0 169.4

51 44.6 32.9 49.3

86 70.3 50.5 75.7



#25

2-Butanone

Concen: 3.84 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU042781.D

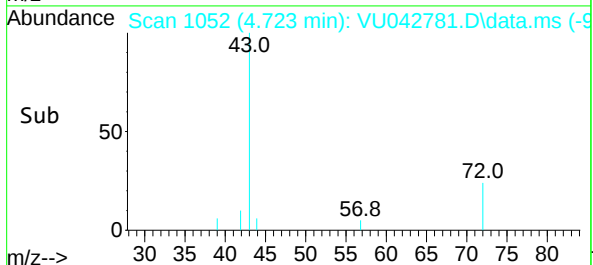
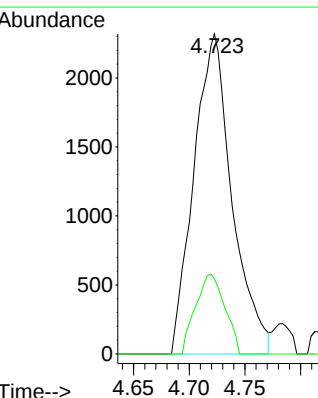
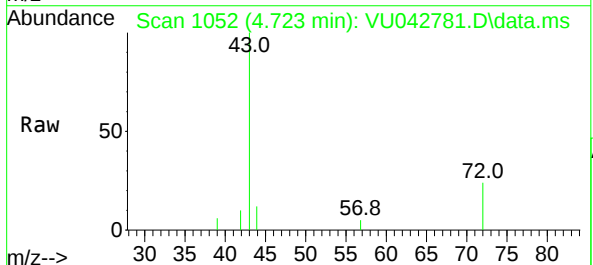
Acq: 25 Mar 2021 13:40

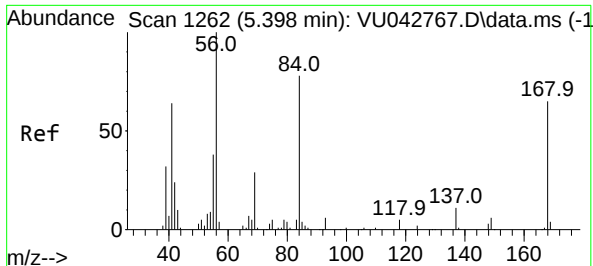
Tgt Ion: 43 Resp: 5518

Ion Ratio Lower Upper

43 100

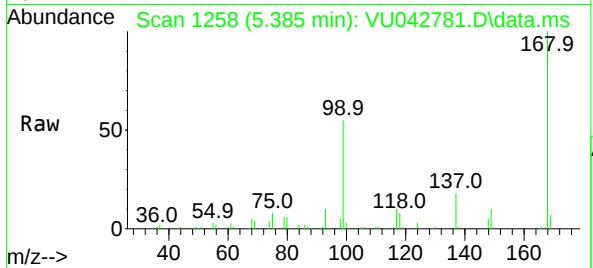
72 23.5 17.7 26.5



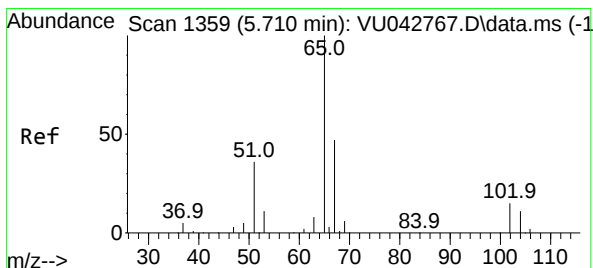
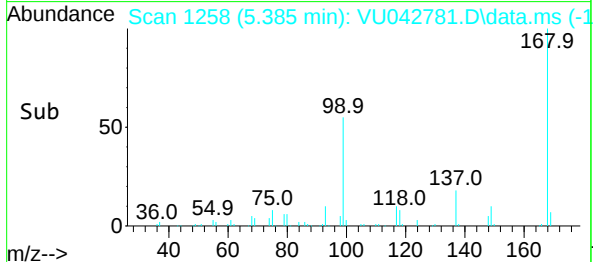
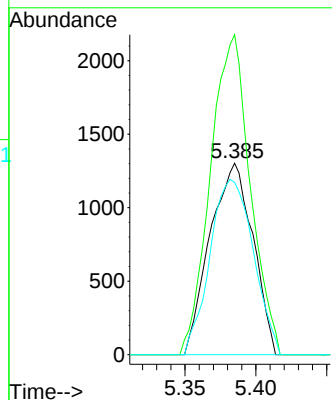


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Instrument :
MSVOA_U
ClientSampleId :
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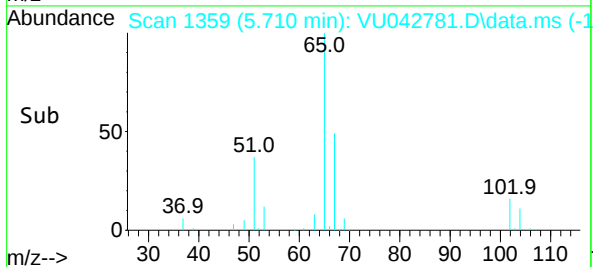
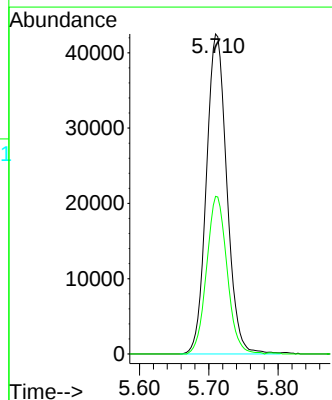
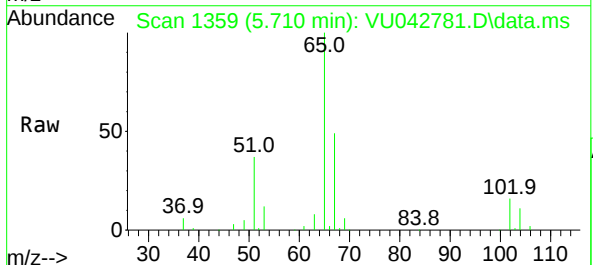


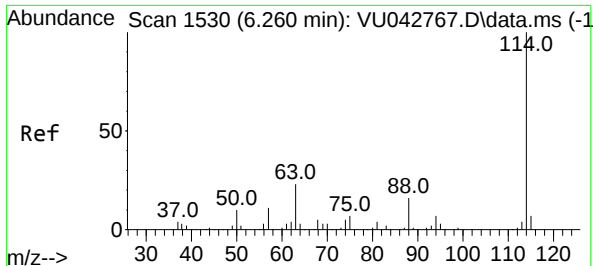
Tgt Ion: 56 Resp: 2744
Ion Ratio Lower Upper
56 100
69 167.1 23.3 34.9#
84 90.0 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 49.37 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion: 65 Resp: 87097
Ion Ratio Lower Upper
65 100
67 49.2 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: VU042781.D

Acq: 25 Mar 2021 13:40

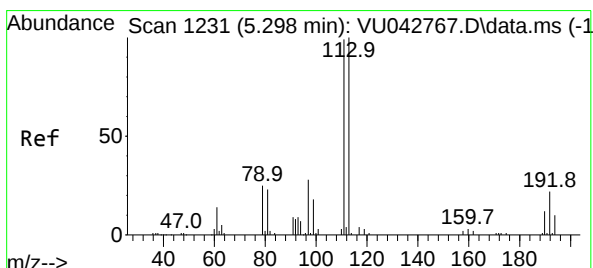
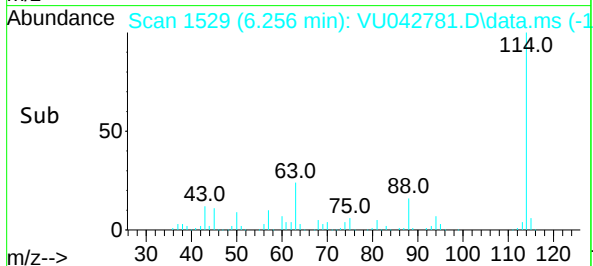
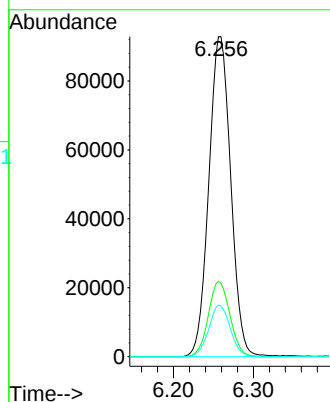
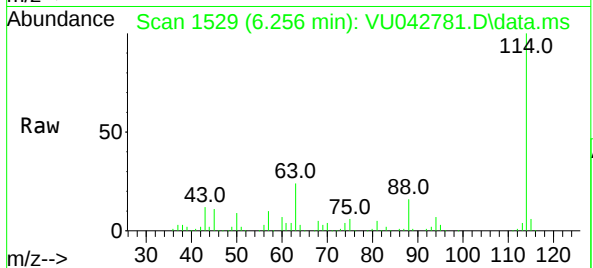
Tgt Ion:114 Resp: 176638

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.8

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.76 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

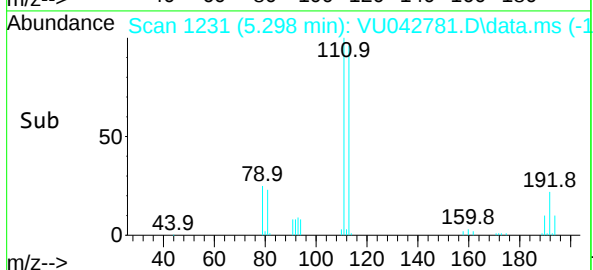
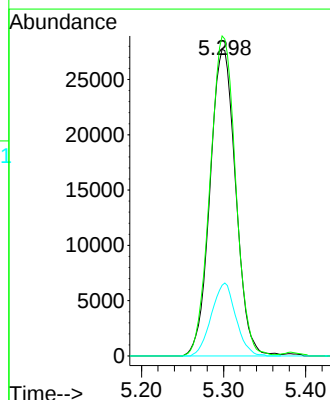
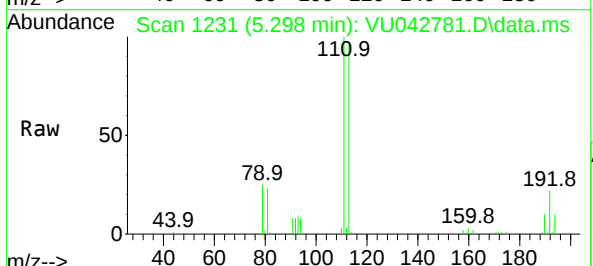
Tgt Ion:113 Resp: 60324

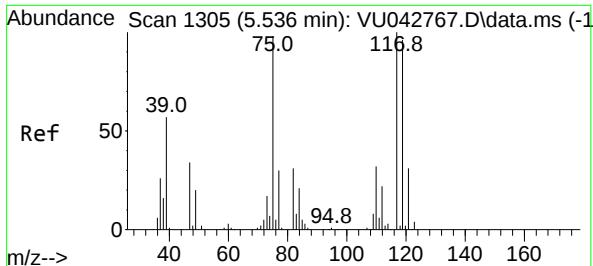
Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

192 22.7 17.6 26.4

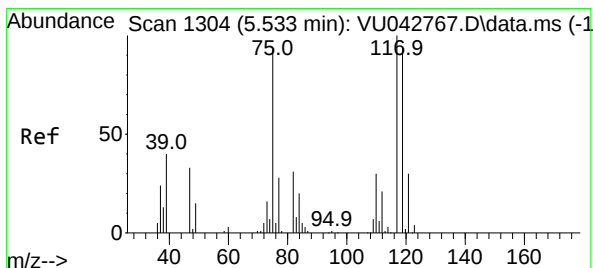
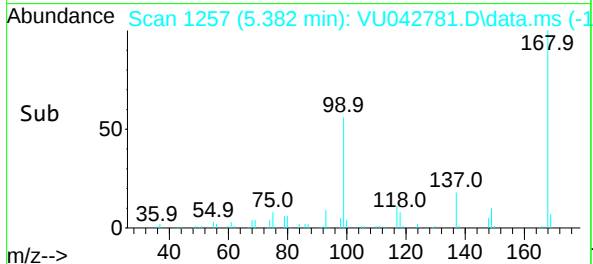
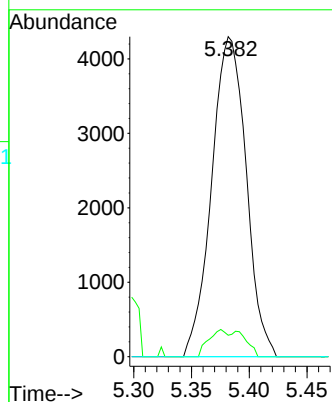
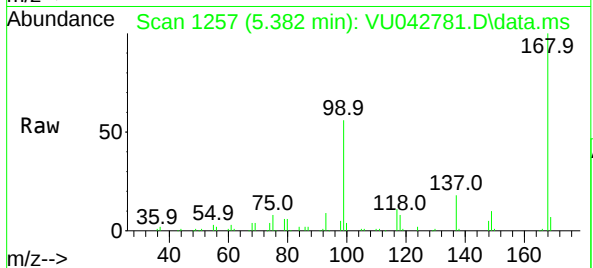




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

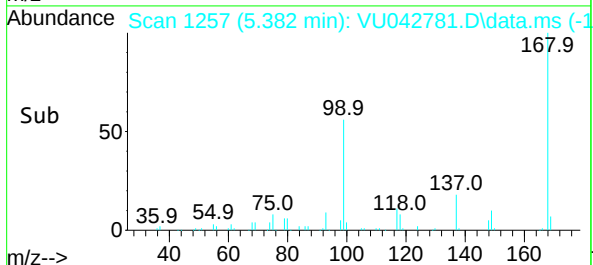
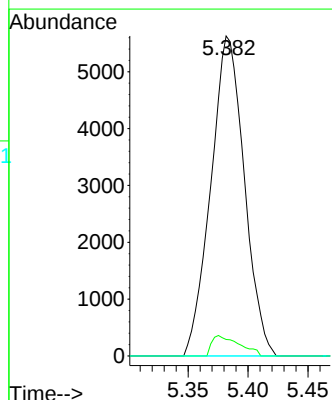
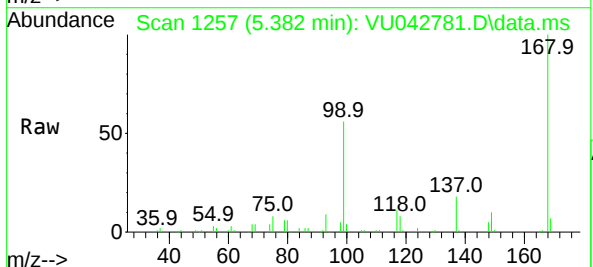
Instrument :
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PB1355335ZHE#03

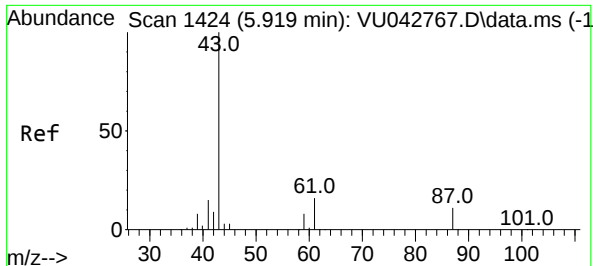
Tgt Ion: 75 Resp: 8927
Ion Ratio Lower Upper
75 100
110 4.7 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion: 117 Resp: 10912
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 24.2 36.4#





#43

Isopropyl Acetate

Concen: 3.41 ug/l

RT: 5.922 min Scan# 1425

Delta R.T. 0.003 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

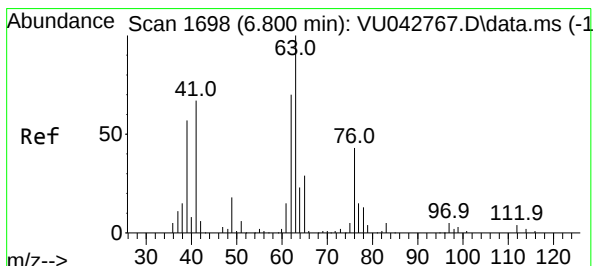
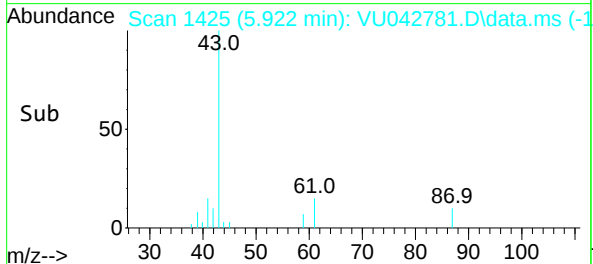
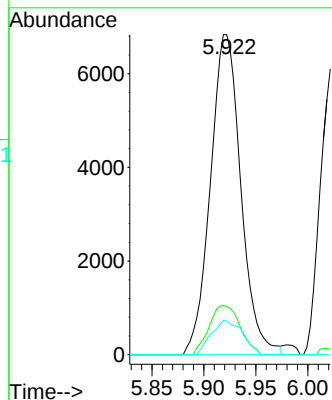
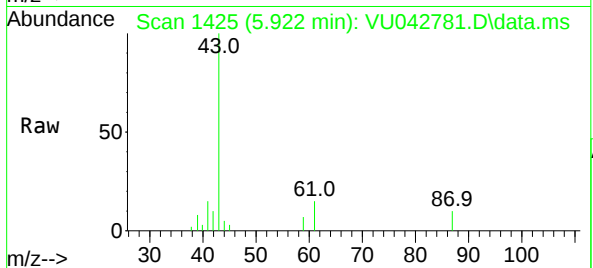
Tgt Ion: 43 Resp: 13919

Ion Ratio Lower Upper

43 100

61 15.6 13.4 20.0

87 11.0 8.7 13.1



#45

1,2-Dichloropropane

Concen: 0.55 ug/l

RT: 7.047 min Scan# 1775

Delta R.T. 0.247 min

Lab File: VU042781.D

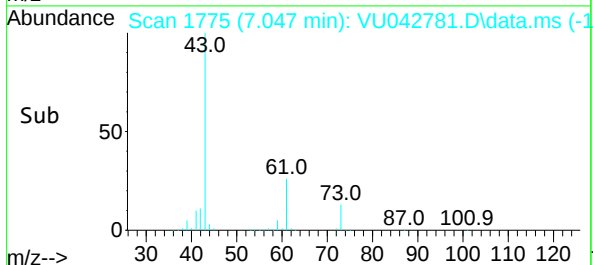
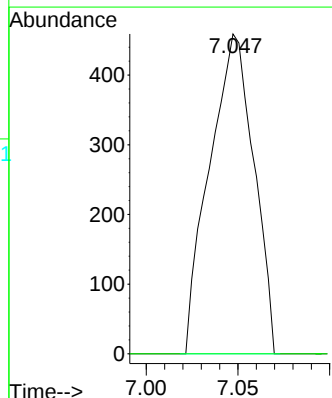
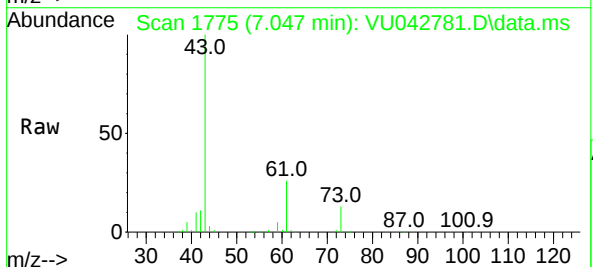
Acq: 25 Mar 2021 13:40

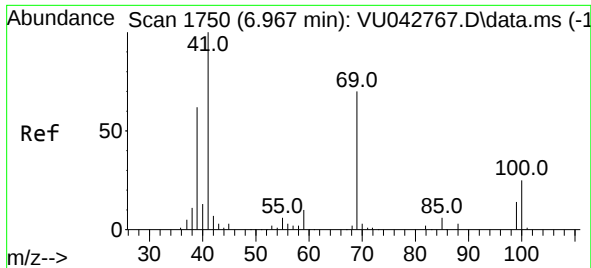
Tgt Ion: 63 Resp: 769

Ion Ratio Lower Upper

63 100

65 0.0 23.5 35.3#

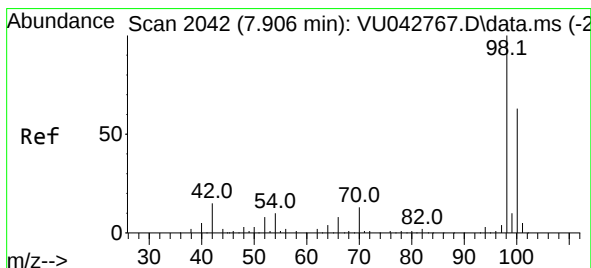
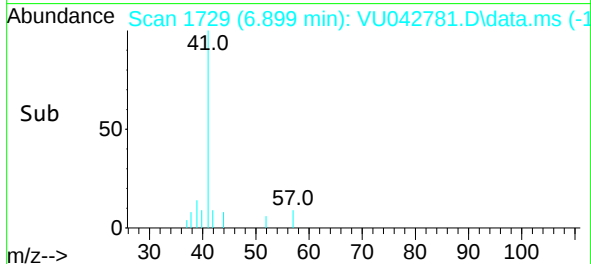
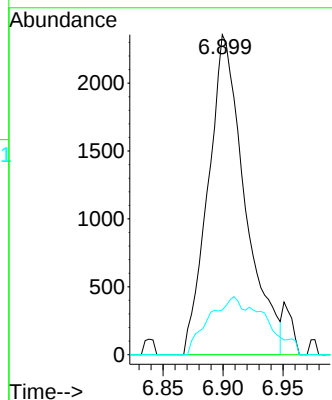
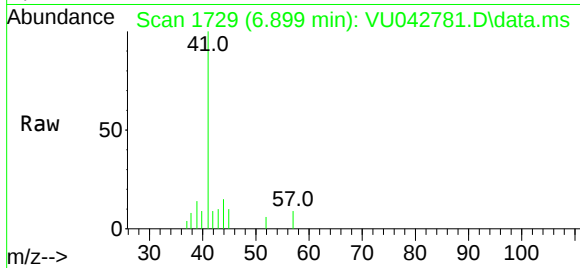




#48
Methyl methacrylate
Concen: 2.54 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

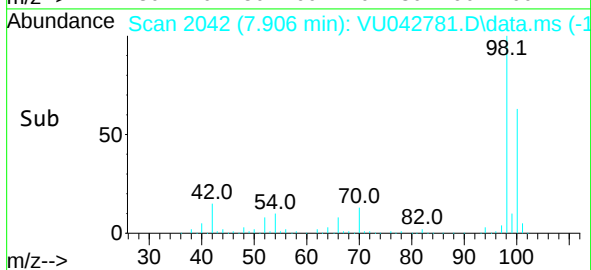
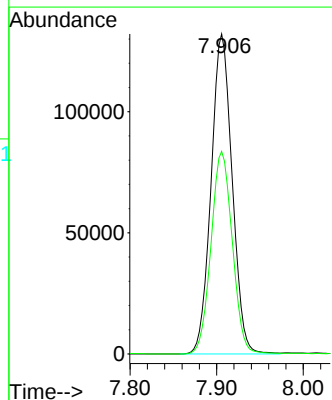
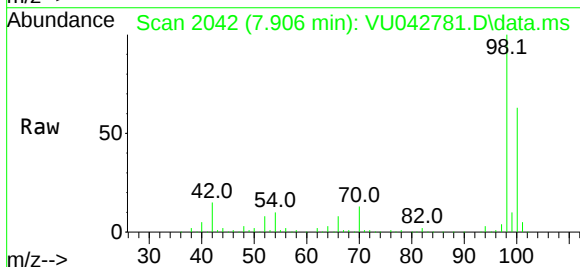
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

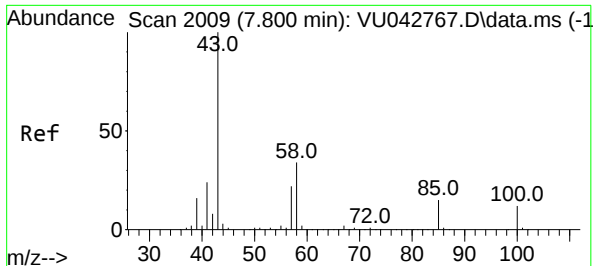
Tgt Ion: 41 Resp: 5013
Ion Ratio Lower Upper
41 100
69 0.0 55.9 83.9#
39 0.0 49.7 74.5#



#50
Toluene-d8
Concen: 48.13 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion: 98 Resp: 223211
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

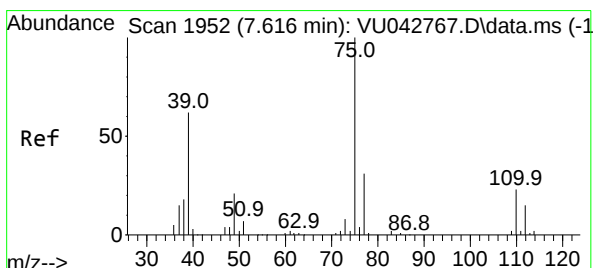
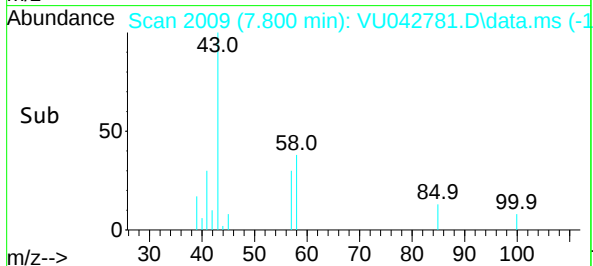
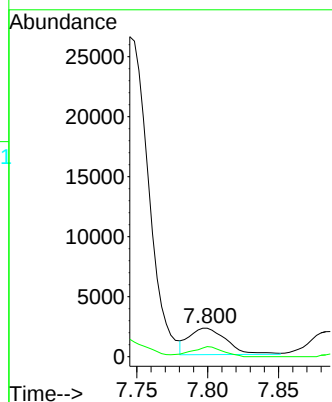
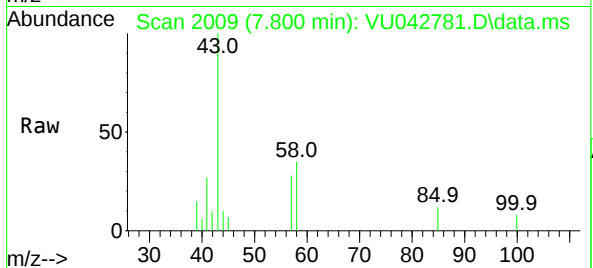




#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

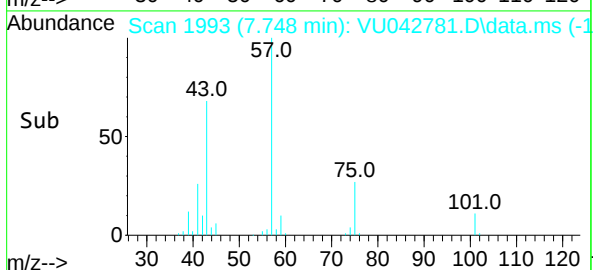
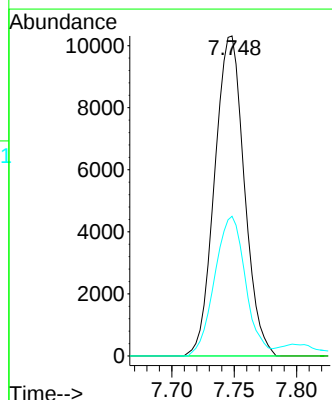
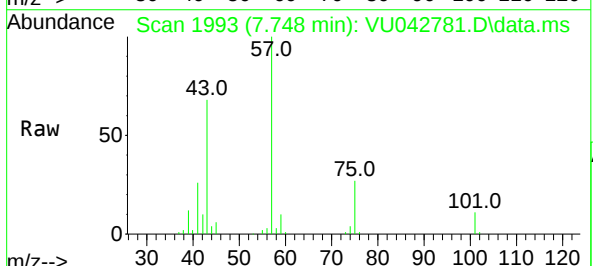
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

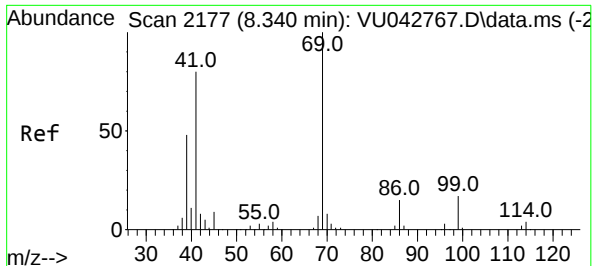
Tgt Ion: 43 Resp: 4075
Ion Ratio Lower Upper
43 100
58 31.6 27.4 41.2



#54
cis-1,3-Dichloropropene
Concen: 7.67 ug/l
RT: 7.748 min Scan# 1993
Delta R.T. 0.132 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion: 75 Resp: 17090
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 43.7 49.2 73.8#





#56

Ethyl methacrylate

Concen: 0.28 ug/l

RT: 8.578 min Scan# 2251

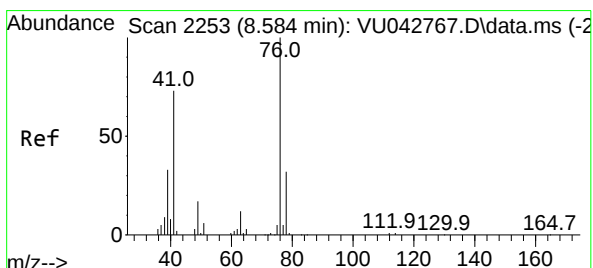
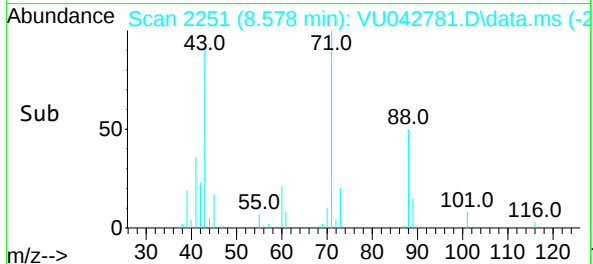
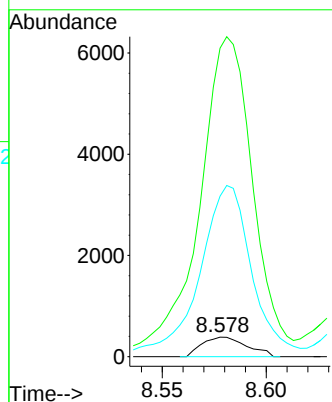
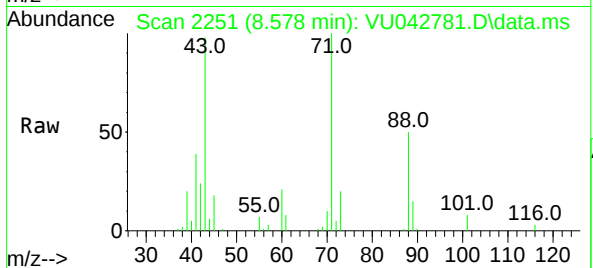
Delta R.T. 0.238 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

Tgt Ion:	69	Resp:	579
Ion	Ratio	Lower	Upper
69	100		
41	1986.2	64.6	97.0#
39	1027.3	38.2	57.2#

Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03



#57

1,3-Dichloropropane

Concen: 4.72 ug/l

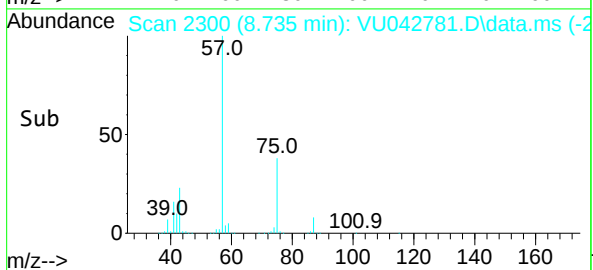
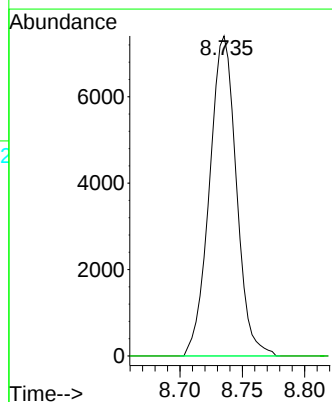
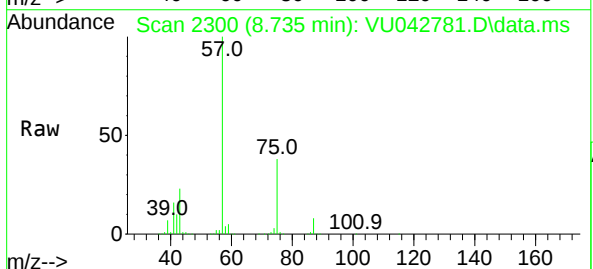
RT: 8.735 min Scan# 2300

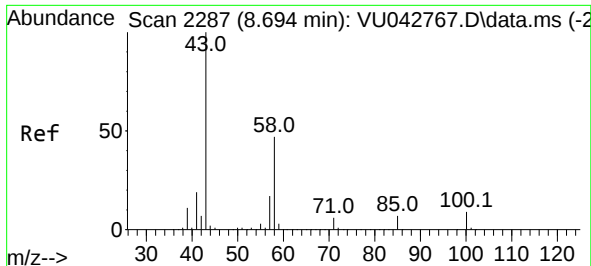
Delta R.T. 0.151 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

Tgt Ion:	76	Resp:	11127
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#





#59

2-Hexanone

Concen: 90.36 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.042 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

Tgt Ion: 43 Resp: 205305

Ion Ratio Lower Upper

43 100

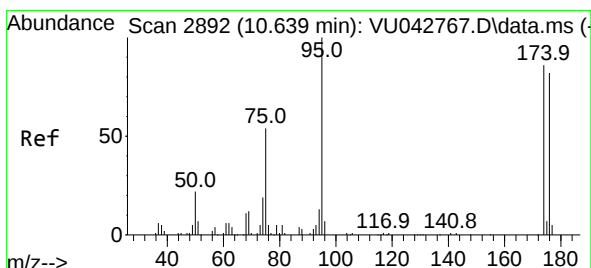
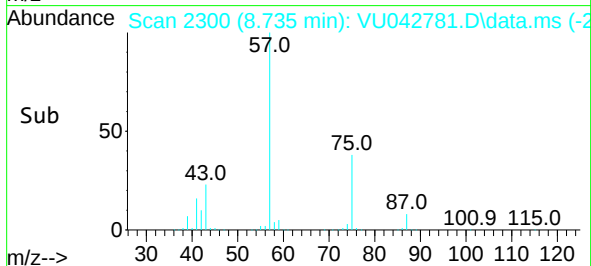
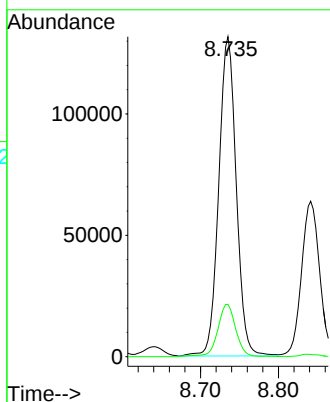
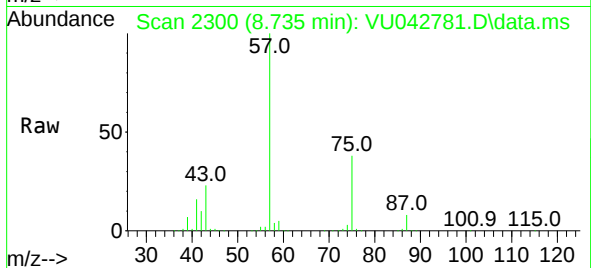
58 16.9 23.8 71.2#

Instrument :

MSVOA_U

ClientSampleId :

PB1355335ZHE#03



#62

4-Bromofluorobenzene

Concen: 44.90 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. -0.000 min

Lab File: VU042781.D

Acq: 25 Mar 2021 13:40

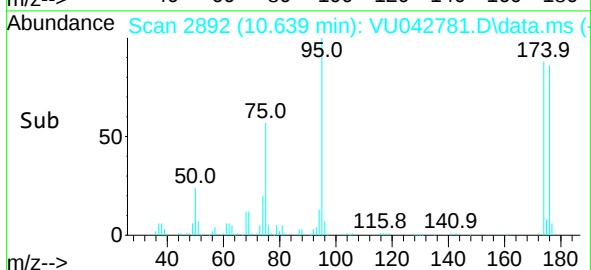
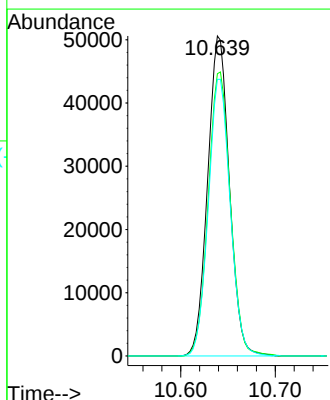
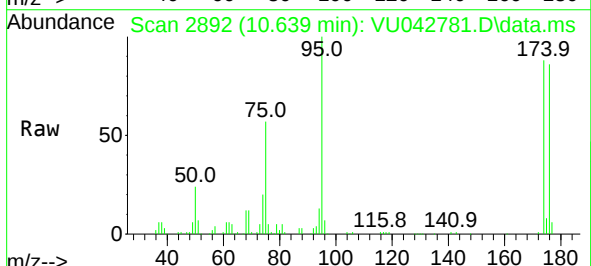
Tgt Ion: 95 Resp: 80924

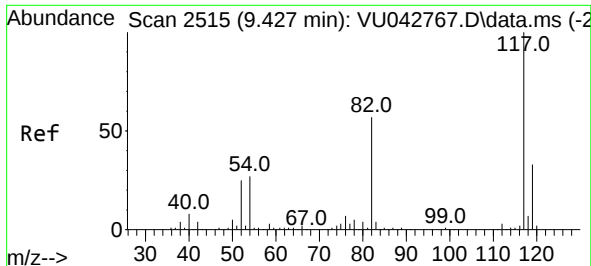
Ion Ratio Lower Upper

95 100

174 90.6 0.0 175.2

176 87.1 0.0 167.4

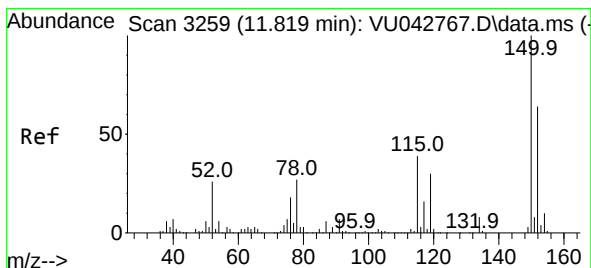
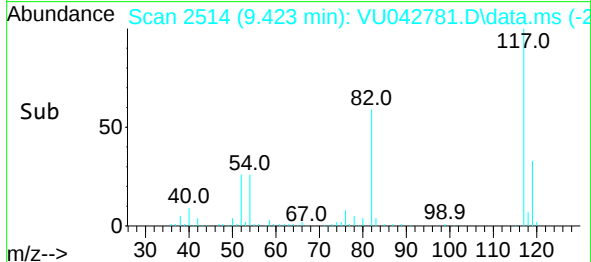
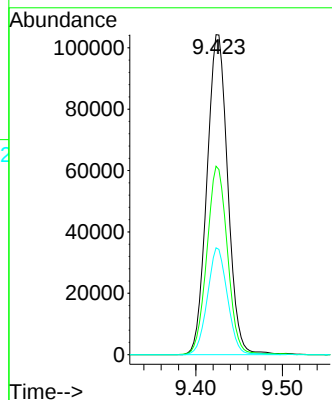
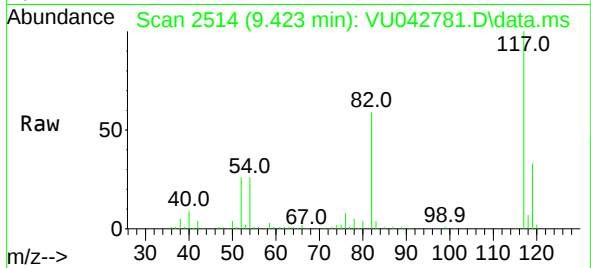




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

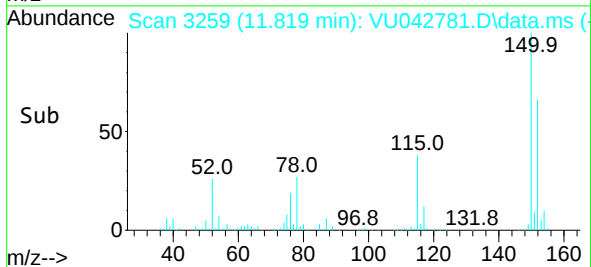
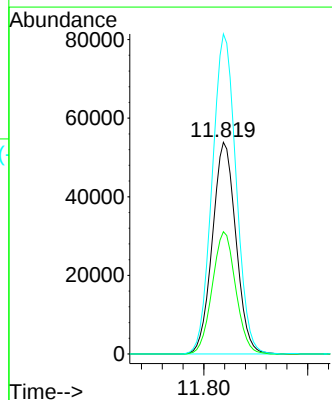
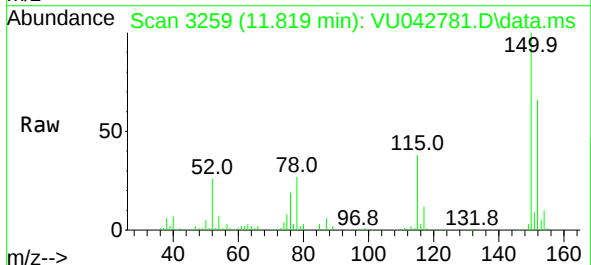
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

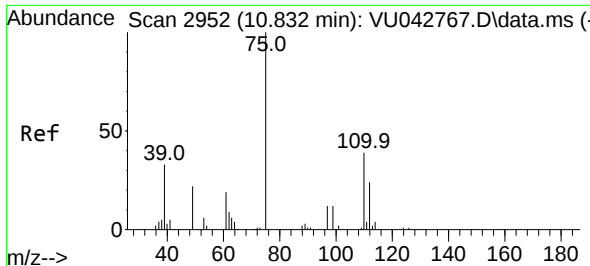
Tgt Ion:117 Resp: 174214
Ion Ratio Lower Upper
117 100
82 58.8 45.5 68.3
119 33.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

Tgt Ion:152 Resp: 84679
Ion Ratio Lower Upper
152 100
115 57.4 41.0 123.0
150 153.4 0.0 341.0

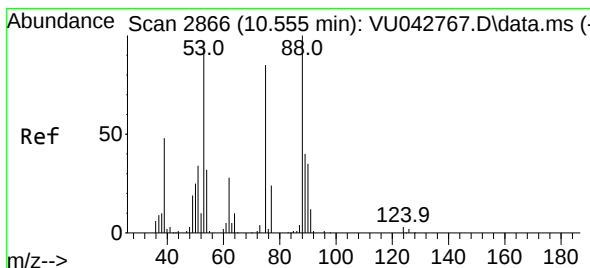
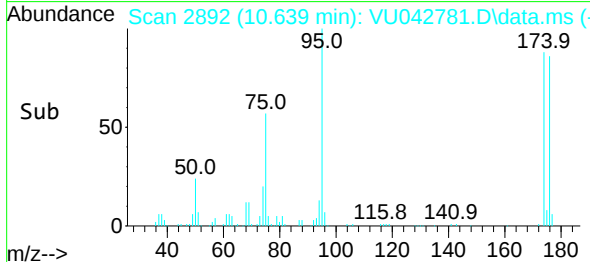
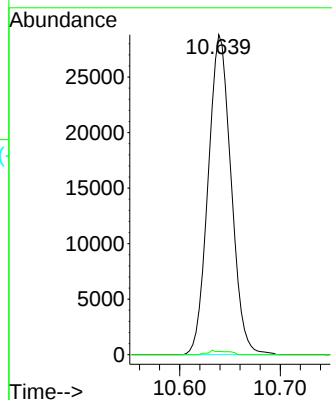
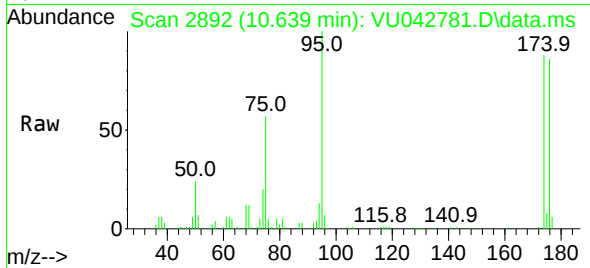




#76
1,2,3-Trichloropropane
Concen: 21.18 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

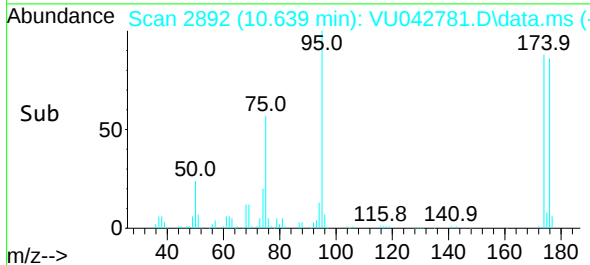
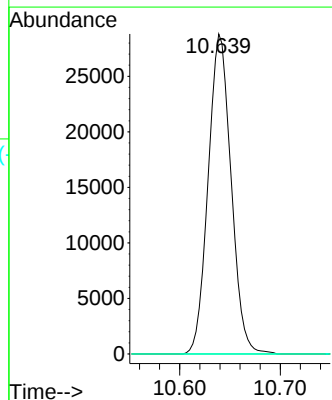
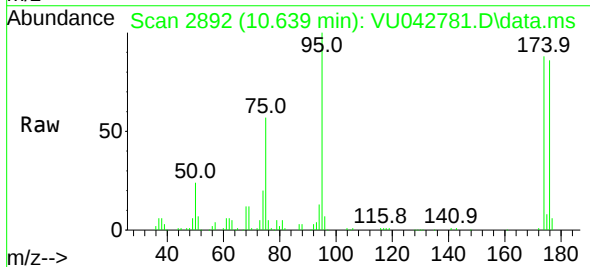
Instrument :
MSVOA_U
ClientSampleId :
PB1355335ZHE#03

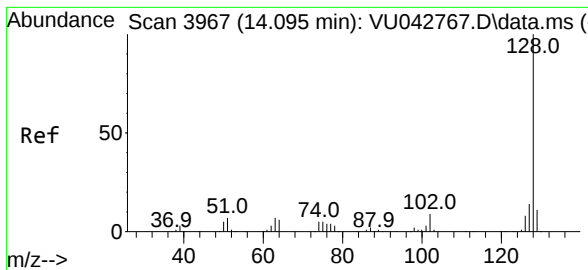
Tgt Ion: 75 Resp: 45601
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.74 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042781.D
Acq: 25 Mar 2021 13:40

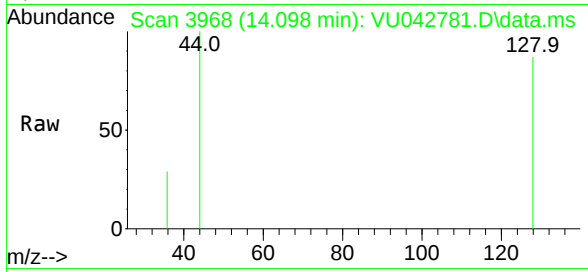
Tgt Ion: 75 Resp: 45601
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.66 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.003 min
 Lab File: VU042781.D
 Acq: 25 Mar 2021 13:40

Instrument :
 MSVOA_U
 ClientSampleId :
 PB1355335ZHE#03



Tgt Ion:128 Resp: 503
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.9 16.3#
 129 0.0 8.7 13.1#

