

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045567.D
 Acq On : 05 Nov 2021 18:29
 Operator : SY/MD
 Sample : M4475-03
 Misc : 5.04g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB02A

Quant Time: Nov 05 18:57:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

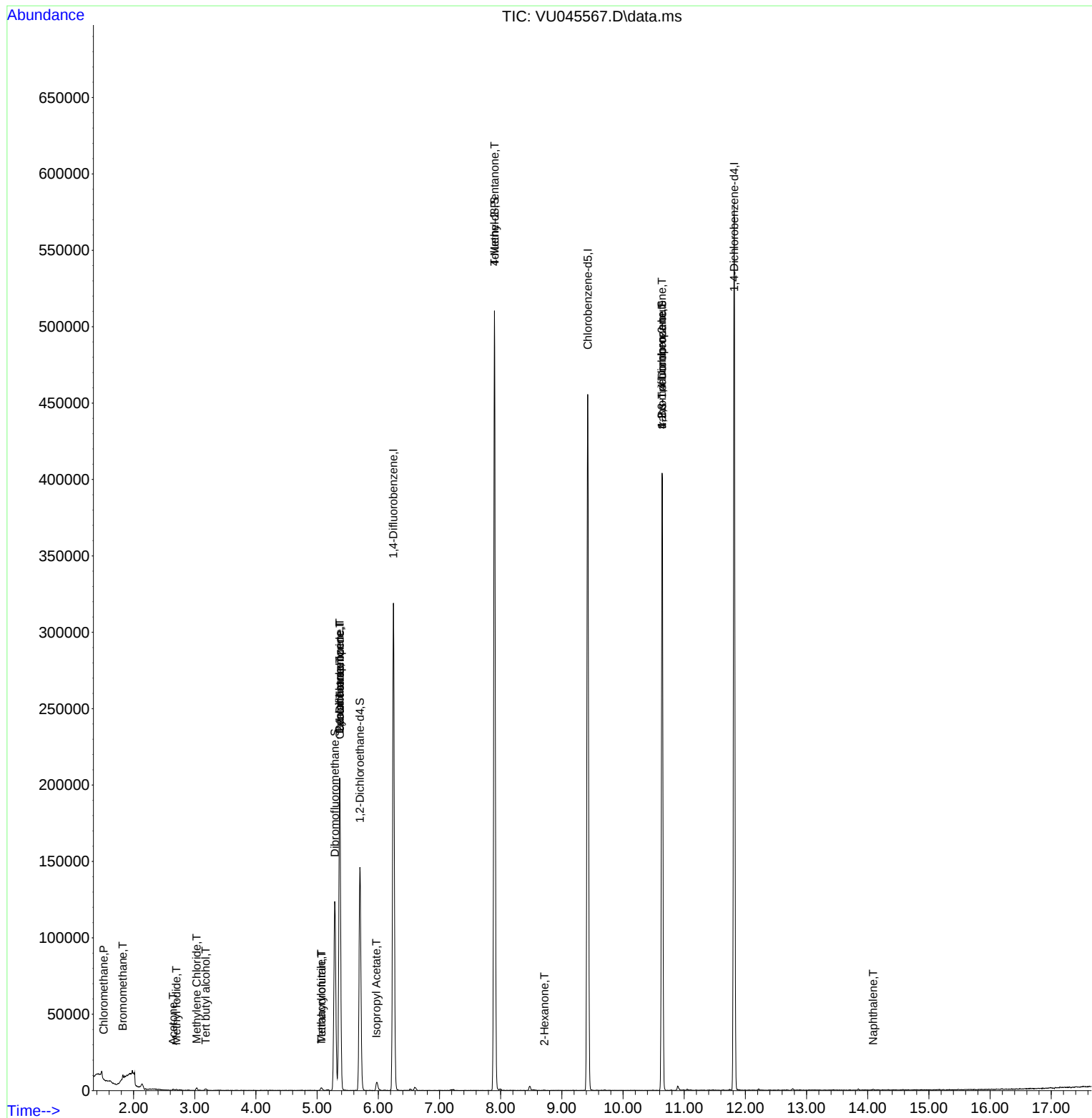
Internal Standards						
1) Pentafluorobenzene	5.369	168	135107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	262074	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	268610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	143717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	113699	56.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.380%
35) Dibromofluoromethane	5.289	113	84900	48.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	7.899	98	339043	52.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.220%
62) 4-Bromofluorobenzene	10.639	95	139108	53.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.640%
Target Compounds						
						Qvalue
3) Chloromethane	1.514	50	415	0.207	ug/l	88
5) Bromomethane	1.822	94	771	0.708	ug/l	98
10) Methyl Iodide	2.700	142	670	0.340	ug/l #	83
11) Tert butyl alcohol	3.179	59	638	1.593	ug/l #	72
16) Acetone	2.646	43	775	0.752	ug/l	94
20) Methylene Chloride	3.031	84	772	0.431	ug/l	98
29) Tetrahydrofuran	5.073	42	1322	1.513	ug/l #	83
31) Cyclohexane	5.369	56	3117	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	12188	4.769	ug/l #	50
38) Carbon Tetrachloride	5.372	117	14485	5.622	ug/l #	17
41) Methacrylonitrile	5.070	41	600	0.387	ug/l #	39
43) Isopropyl Acetate	5.970	43	2557	0.570	ug/l #	59
51) 4-Methyl-2-Pentanone	7.899	43	1319	0.445	ug/l #	1
59) 2-Hexanone	8.716	43	160	7.595	ug/l #	21
76) 1,2,3-Trichloropropane	10.639	75	74223	17.030	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	74223	55.443	ug/l #	12
95) Naphthalene	14.089	128	630	1.082	ug/l #	69

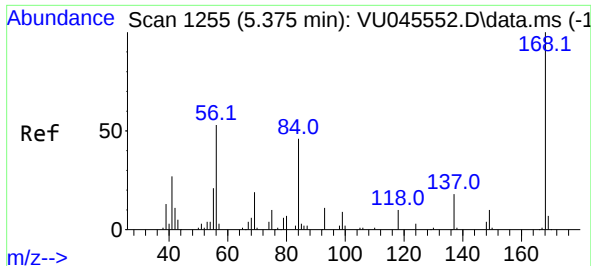
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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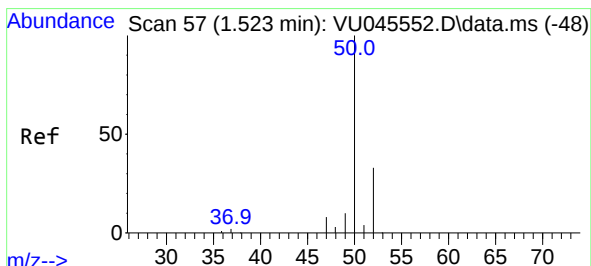
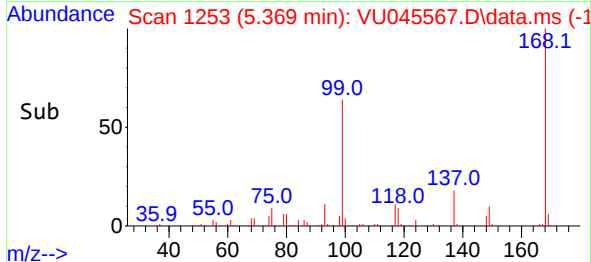
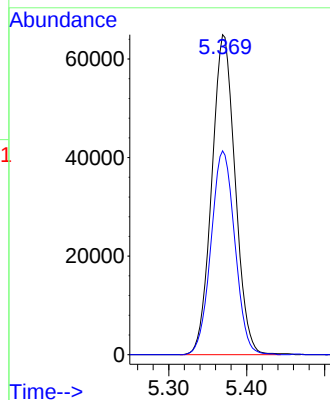
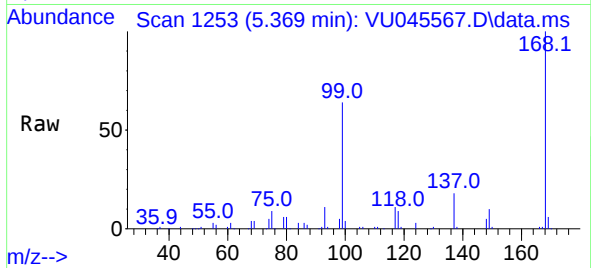




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

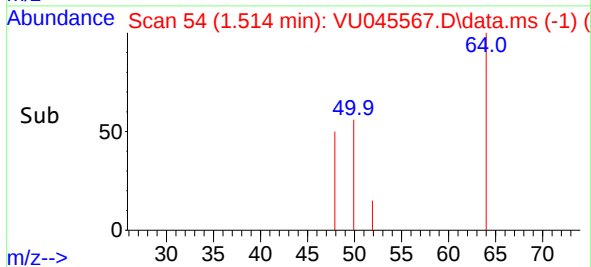
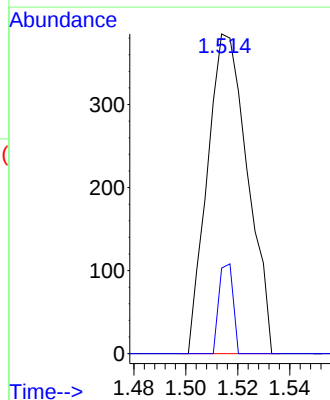
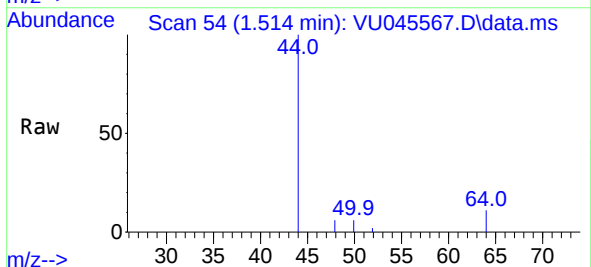
Instrument :
MSVOA_U
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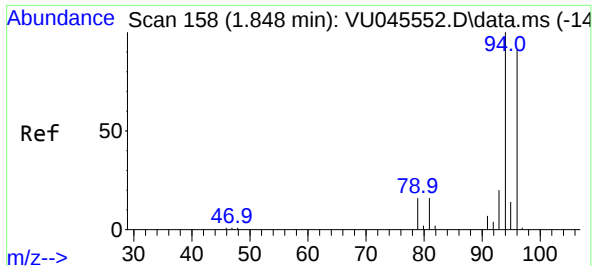
Tgt Ion:168 Resp: 135107
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.6



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.514 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 26.8 26.6 40.0

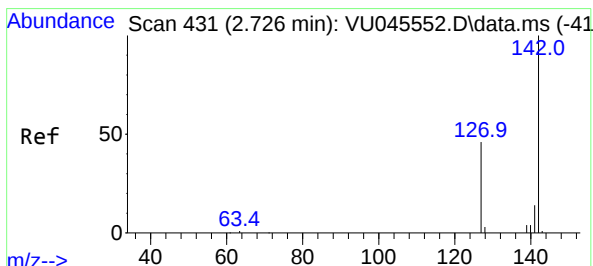
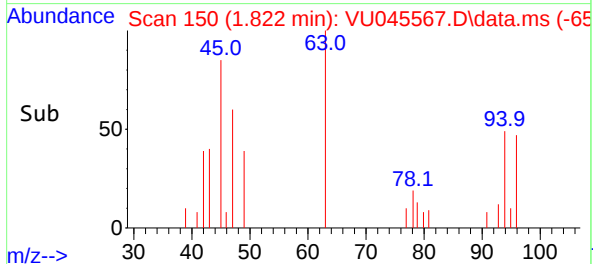
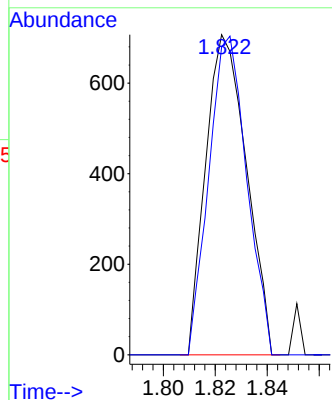
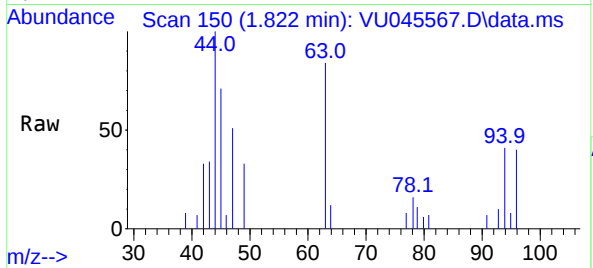




#5
Bromomethane
Concen: 0.708 ug/l
RT: 1.822 min Scan# 11
Delta R.T. -0.026 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

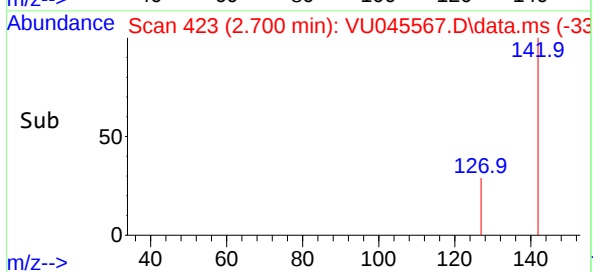
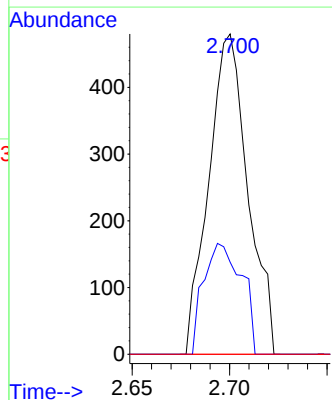
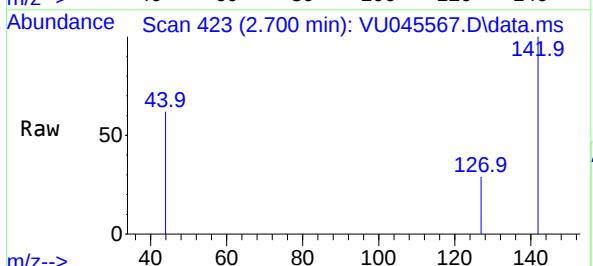
Instrument :
MSVOA_U
ClientSampleId :
SB02A

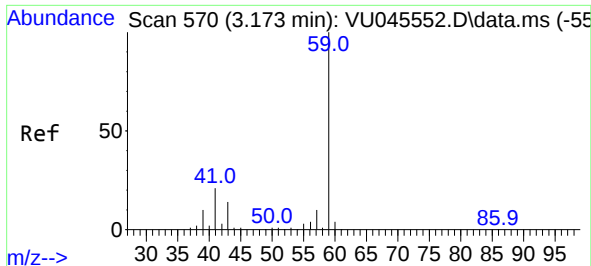
Tgt Ion: 94 Resp: 771
Ion Ratio Lower Upper
94 100
96 96.2 75.4 113.2



#10
Methyl Iodide
Concen: 0.340 ug/l
RT: 2.700 min Scan# 423
Delta R.T. -0.026 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 142 Resp: 670
Ion Ratio Lower Upper
142 100
127 33.7 32.2 48.2
141 0.0 11.3 16.9#

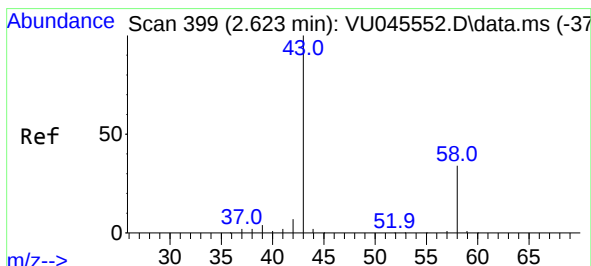
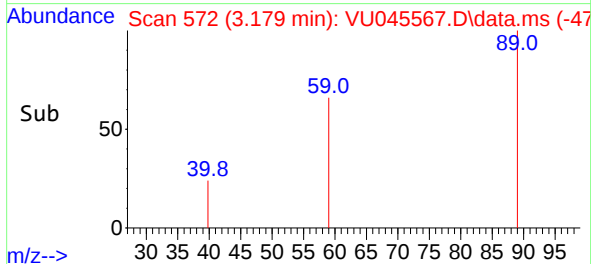
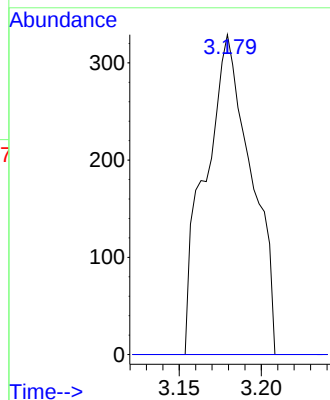
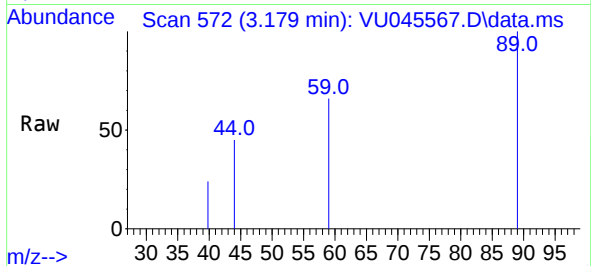




#11
Tert butyl alcohol
Concen: 1.593 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

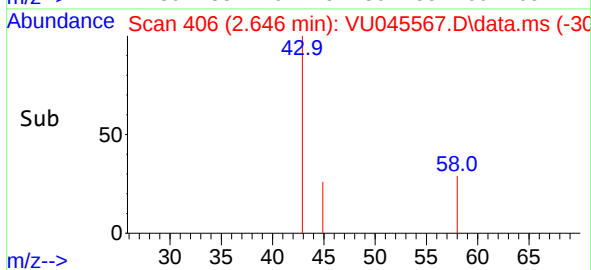
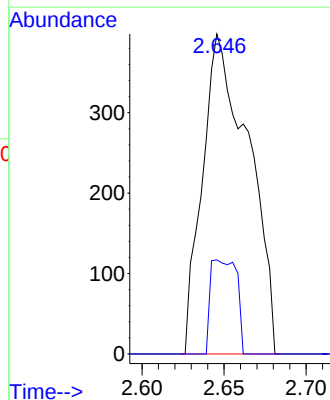
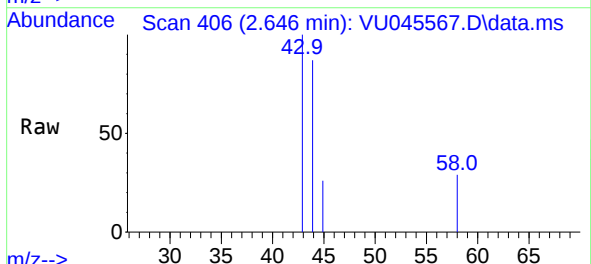
Instrument :
MSVOA_U
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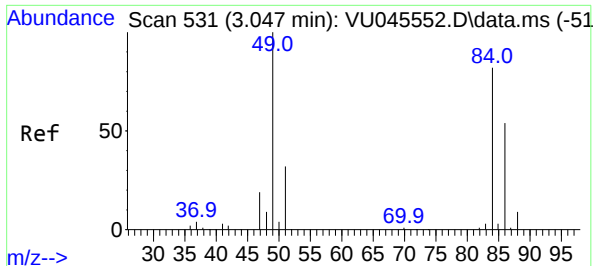
Tgt Ion: 59 Resp: 638
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.752 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.023 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 29.4 26.2 39.2



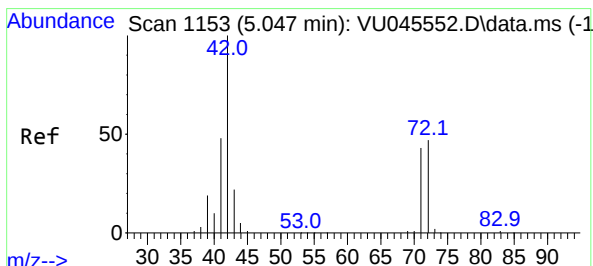
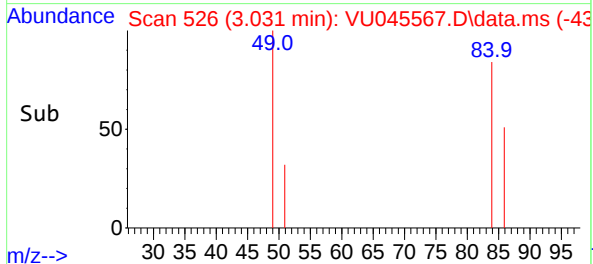
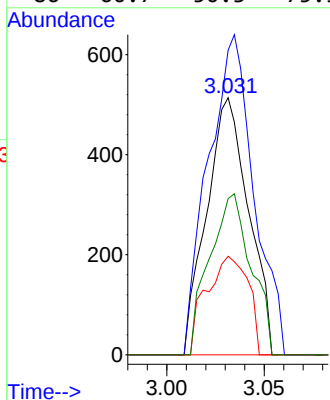
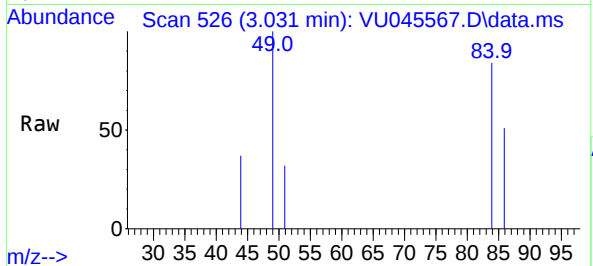


#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 3.031 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Instrument :
MSVOA_U
ClientSampleId :
SB02A

Tgt Ion: 84 Resp: 772

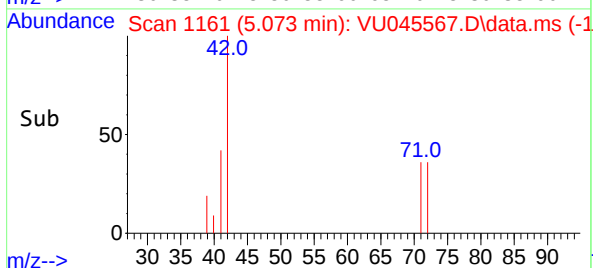
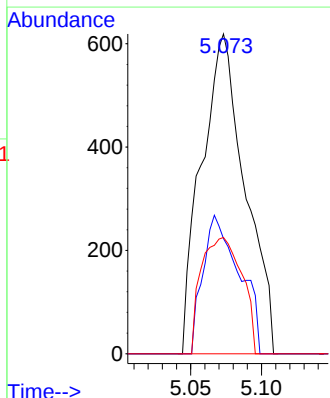
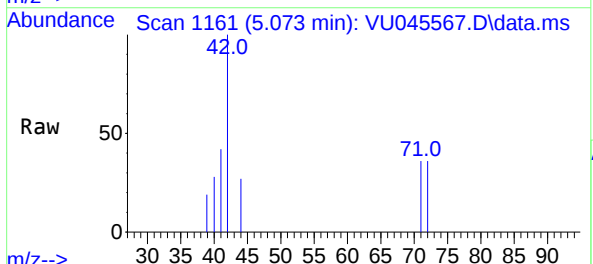
Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.4	144.6
51	38.3	30.5	45.7
86	60.7	50.3	75.5

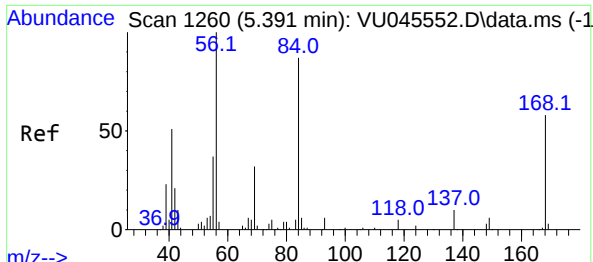


#29
Tetrahydrofuran
Concen: 1.513 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.026 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 42 Resp: 1322

Ion	Ratio	Lower	Upper
42	100		
72	36.2	38.2	57.4#
71	33.8	35.4	53.2#

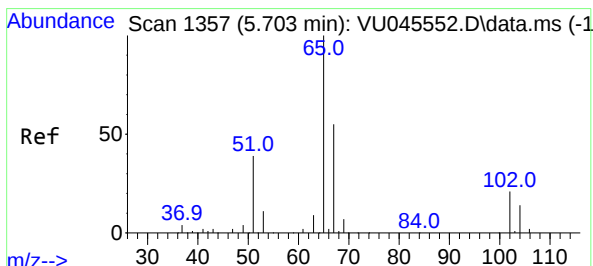
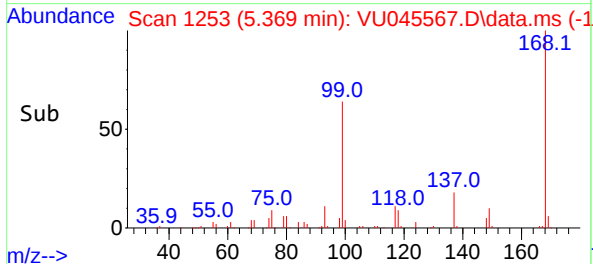
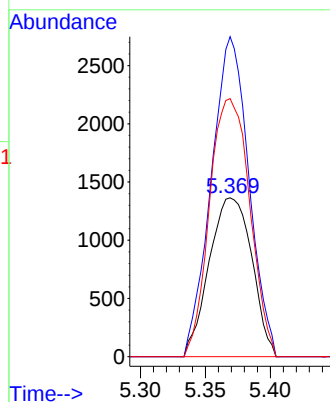
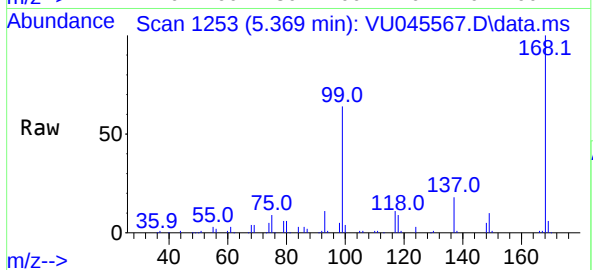




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

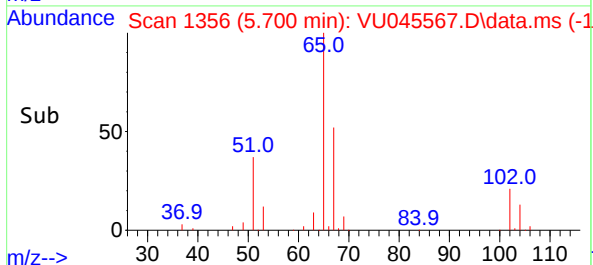
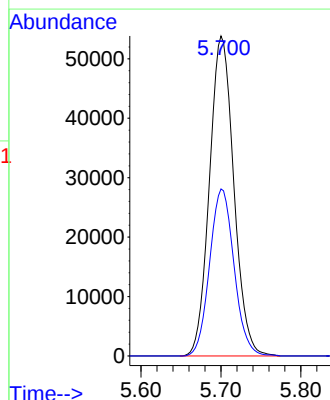
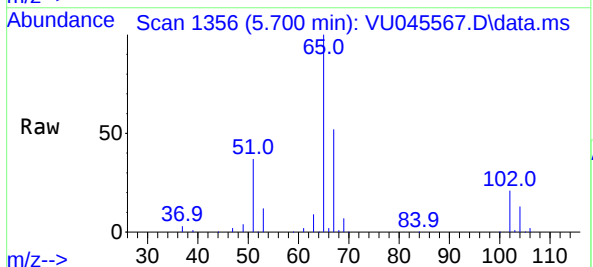
Instrument :
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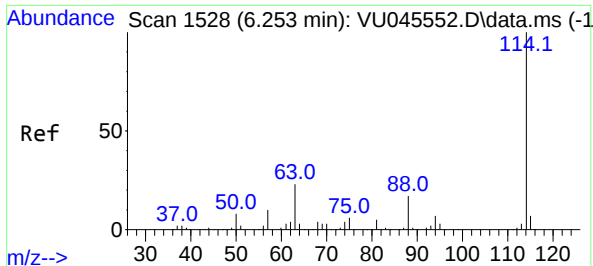
Tgt Ion: 56 Resp: 3117
Ion Ratio Lower Upper
56 100
69 201.3 26.4 39.6#
84 162.4 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 56.193 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.003 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 65 Resp: 113699
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8

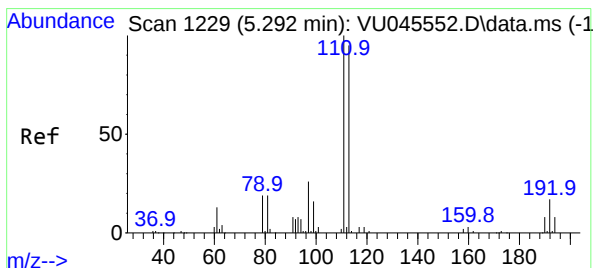
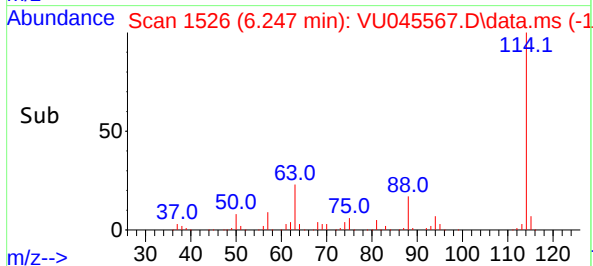
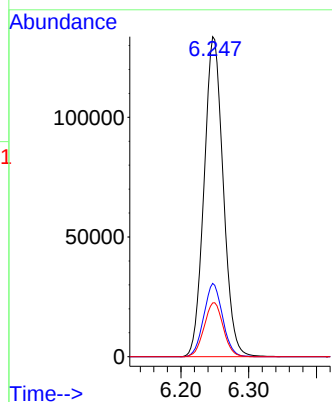
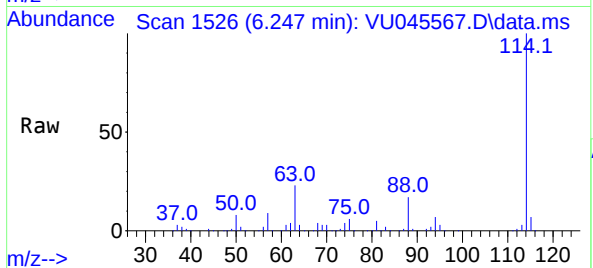




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

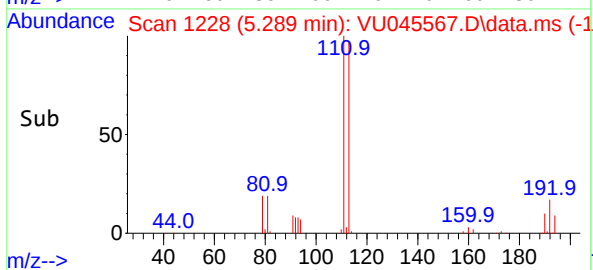
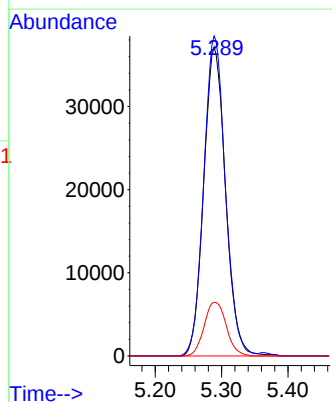
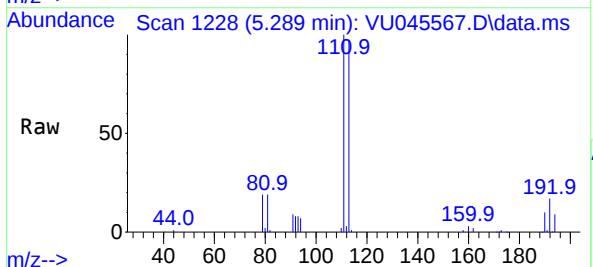
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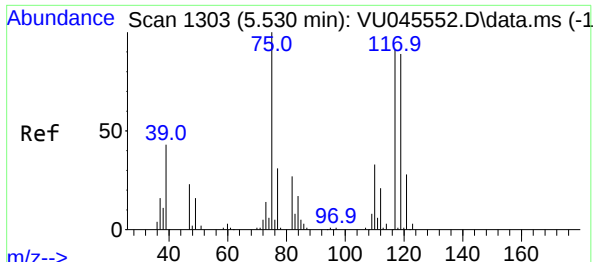
Tgt Ion:114 Resp: 262074
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.6
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.522 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. -0.003 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion:113 Resp: 84900
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.6 14.8 22.2

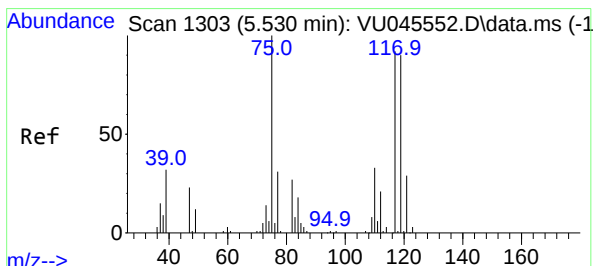
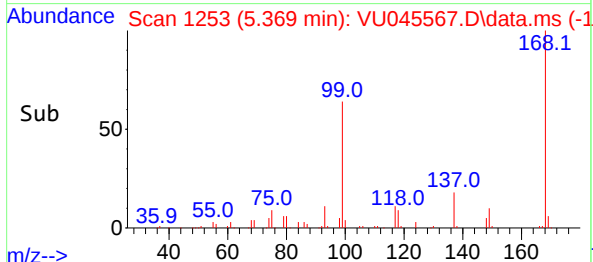
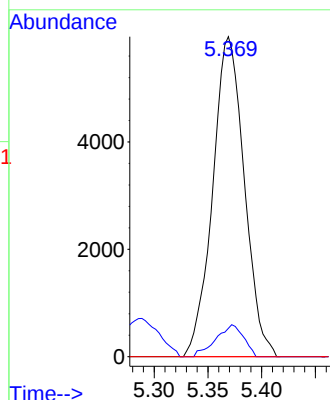
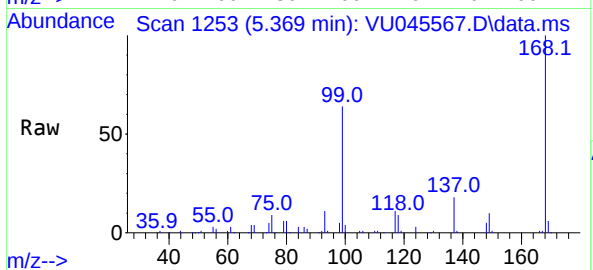




#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.161 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

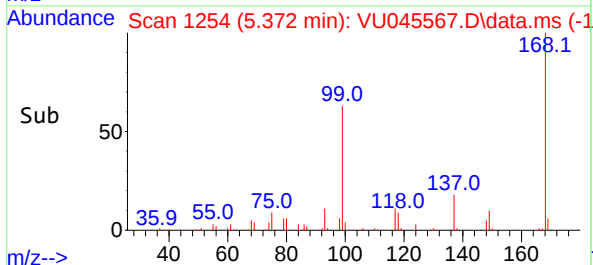
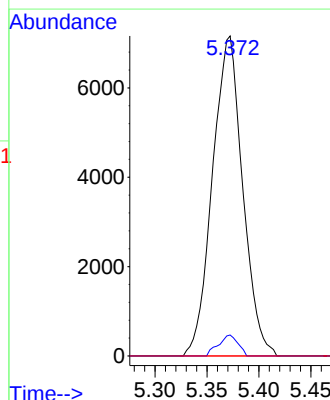
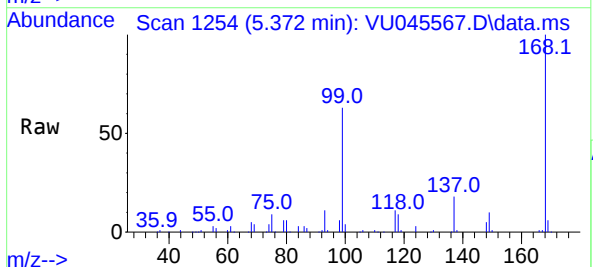
Instrument :
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ClientSampleId :
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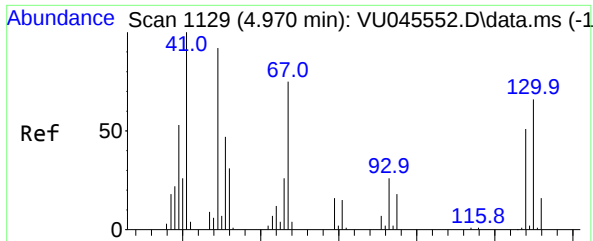
Tgt Ion: 75 Resp: 12188
Ion Ratio Lower Upper
75 100
110 8.7 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.157 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 117 Resp: 14485
Ion Ratio Lower Upper
117 100
119 6.5 77.4 116.0#
121 0.0 24.8 37.2#

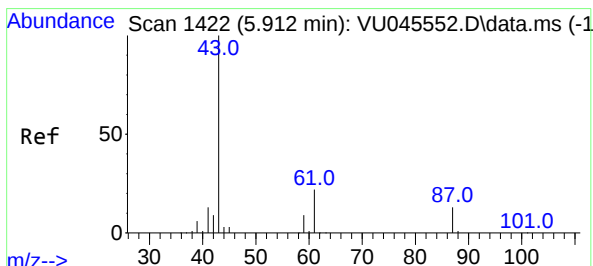
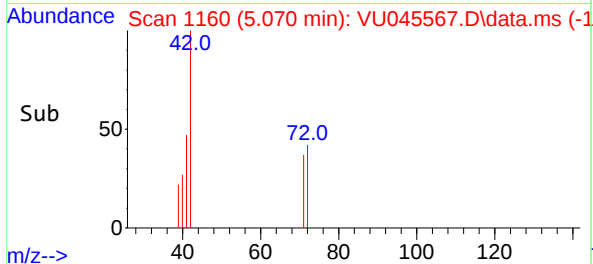
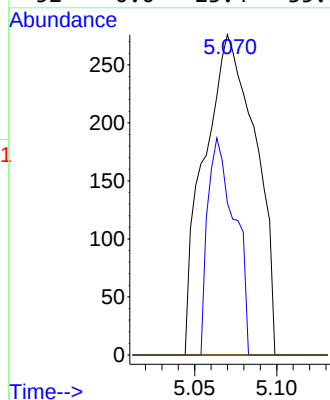
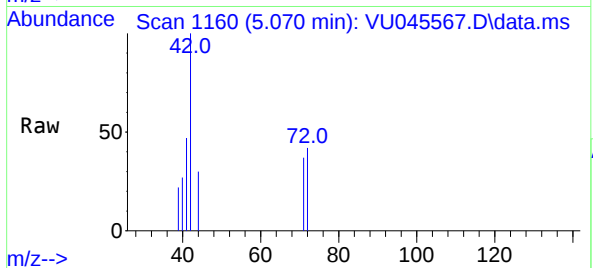




#41
Methacrylonitrile
Concen: 0.387 ug/l
RT: 5.070 min Scan# 1129
Delta R.T. 0.100 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

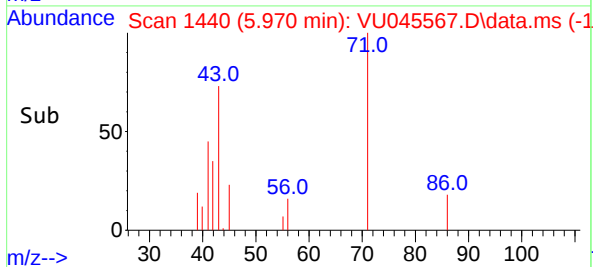
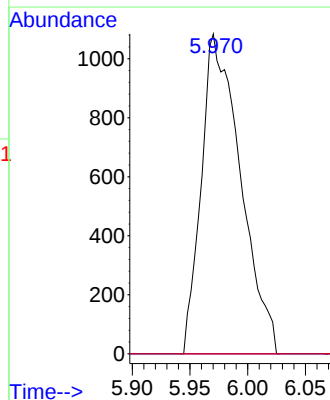
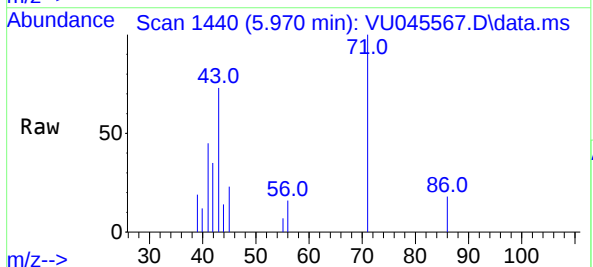
Instrument :
MSVOA_U
ClientSampleId :
SB02A

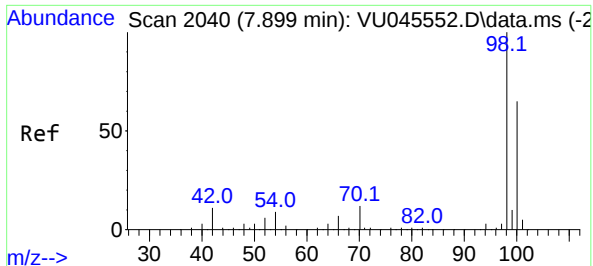
Tgt Ion: 41	Resp:	600
Ion	Ratio	Lower Upper
41	100	
39	35.5	43.4 65.0#
67	0.0	61.0 91.4#
52	0.0	23.4 35.0#



#43
Isopropyl Acetate
Concen: 0.570 ug/l
RT: 5.970 min Scan# 1440
Delta R.T. 0.058 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 43	Resp:	2557
Ion	Ratio	Lower Upper
43	100	
61	0.0	16.9 25.3#
87	0.0	11.0 16.4#

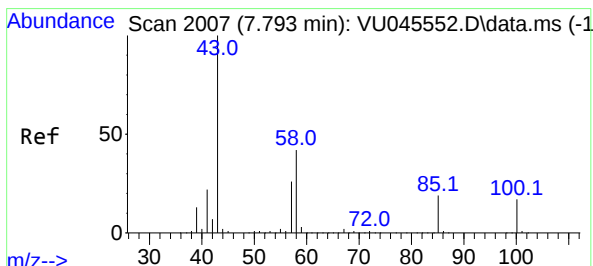
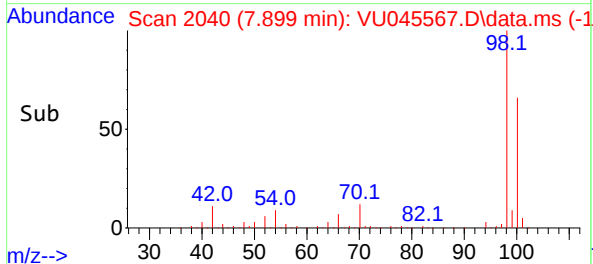
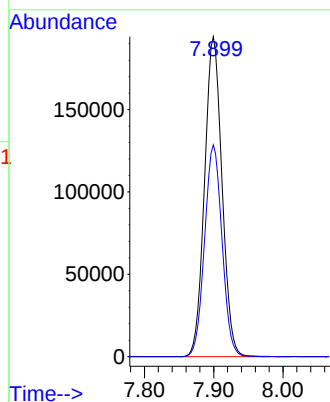
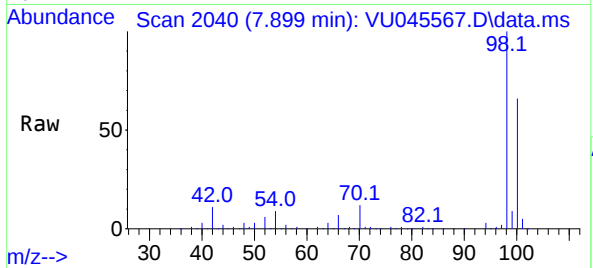




#50
Toluene-d8
Concen: 52.110 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

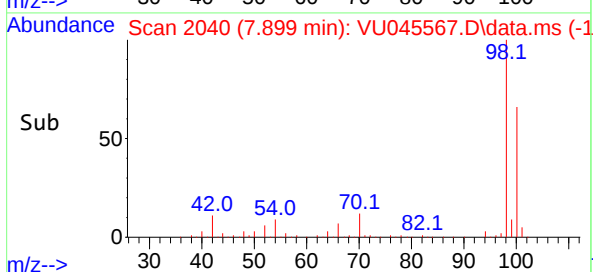
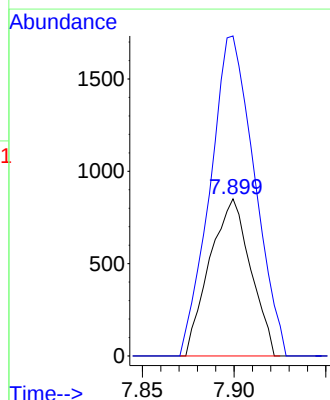
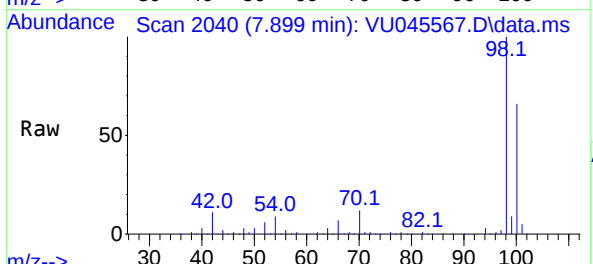
Instrument :
MSVOA_U
ClientSampleId :
SB02A

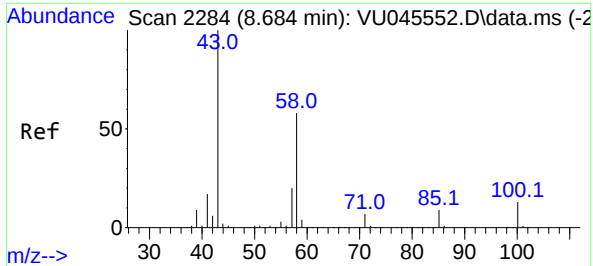
Tgt Ion: 98 Resp: 339043
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 220.2 33.8 50.8

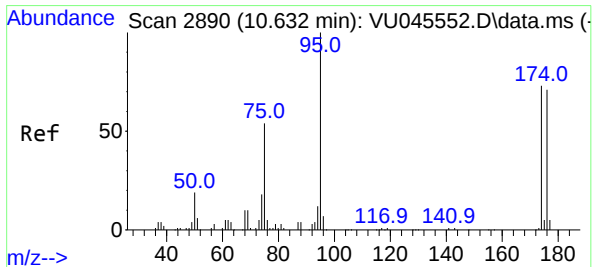
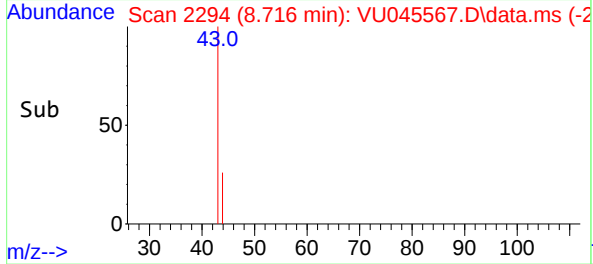
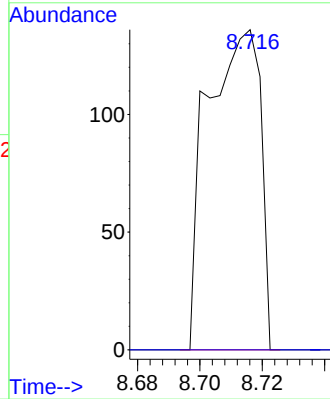
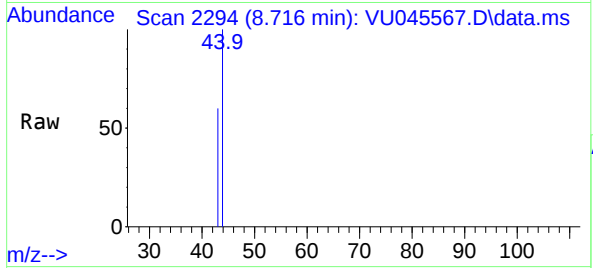




#59
2-Hexanone
Concen: 7.595 ug/l
RT: 8.716 min Scan# 21
Delta R.T. 0.032 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

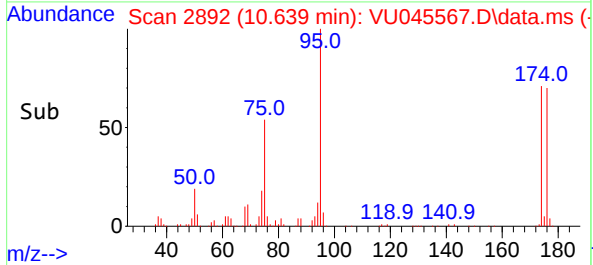
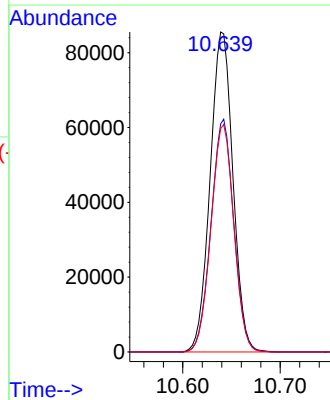
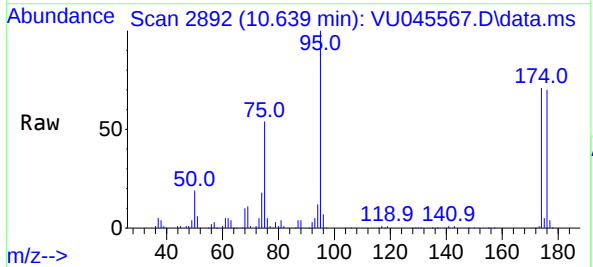
Instrument :
MSVOA_U
ClientSampleId :
SB02A

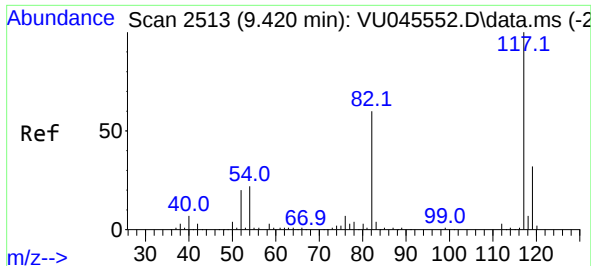
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 53.318 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.007 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 95 Resp: 139108
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 71.0 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.423 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045567.D

Acq: 05 Nov 2021 18:29

Instrument :

MSVOA_U

ClientSampleId :

SB02A

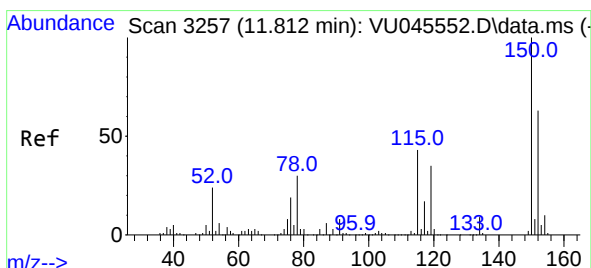
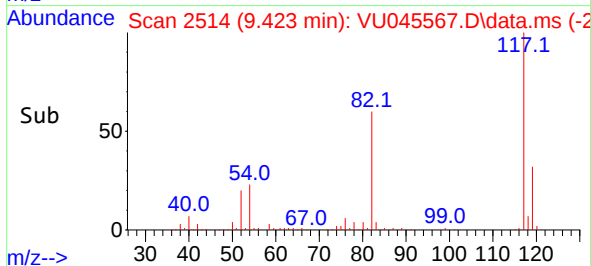
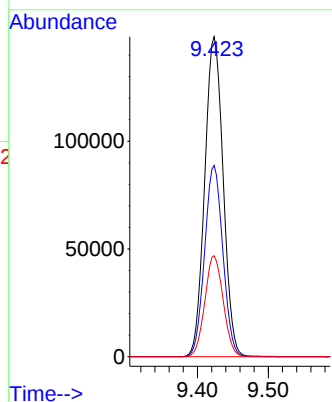
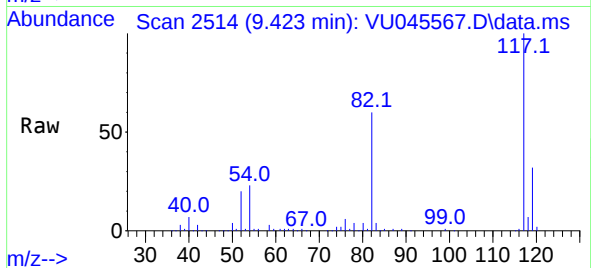
Tgt Ion:117 Resp: 268610

Ion Ratio Lower Upper

117 100

82 59.7 47.8 71.8

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045567.D

Acq: 05 Nov 2021 18:29

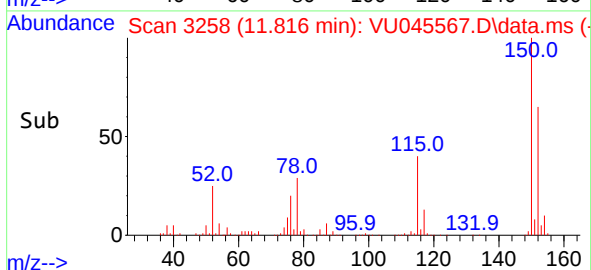
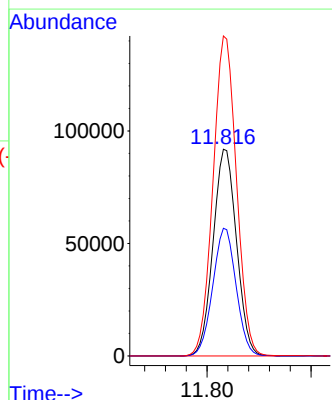
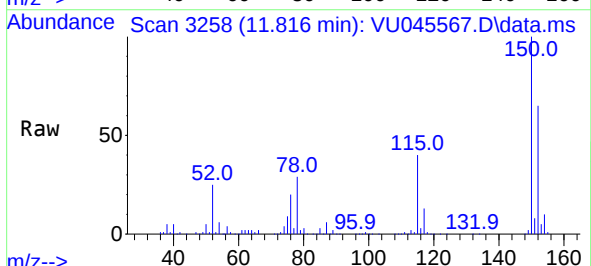
Tgt Ion:152 Resp: 143717

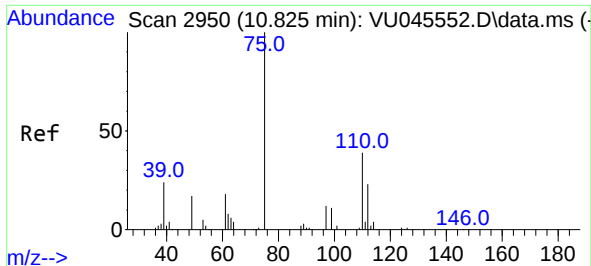
Ion Ratio Lower Upper

152 100

115 61.5 42.7 128.1

150 155.1 0.0 346.8

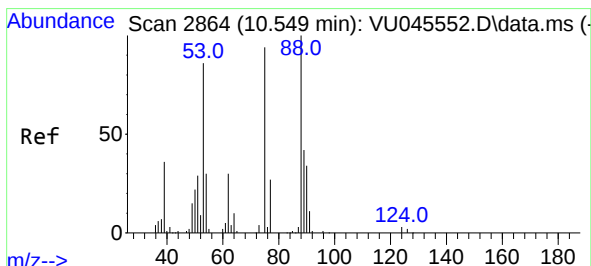
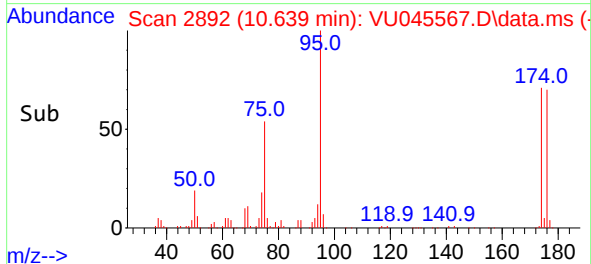
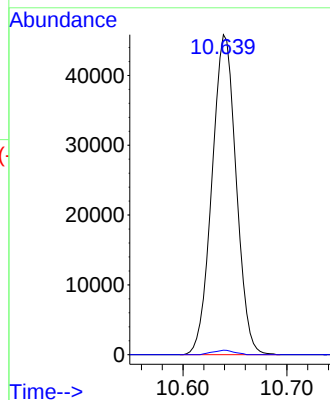
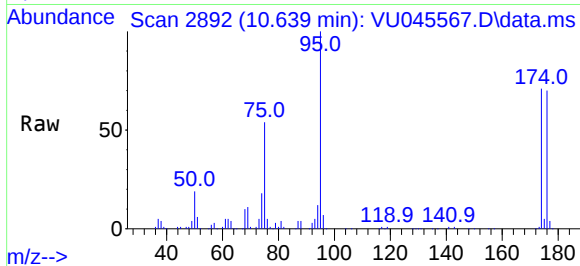




#76
1,2,3-Trichloropropane
Concen: 17.030 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.186 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

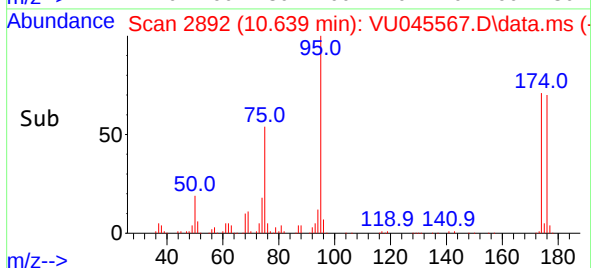
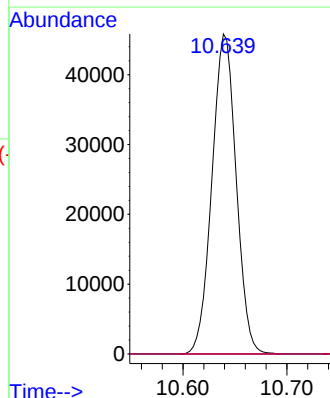
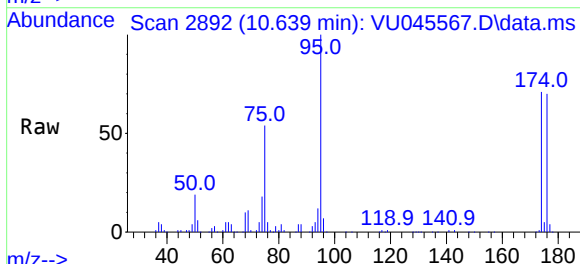
Instrument :
MSVOA_U
ClientSampleId :
SB02A

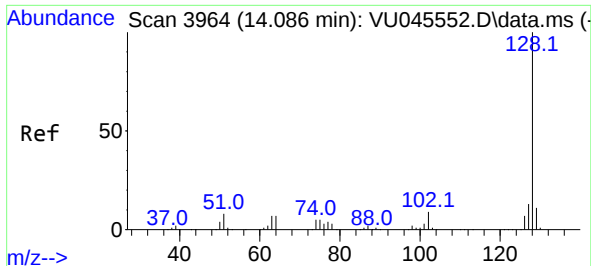
Tgt Ion: 75 Resp: 74223
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.443 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.090 min
Lab File: VU045567.D
Acq: 05 Nov 2021 18:29

Tgt Ion: 75 Resp: 74223
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.082 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045567.D

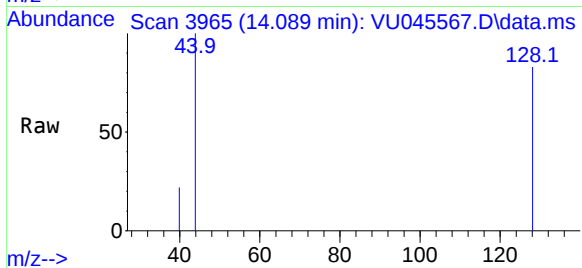
Acq: 05 Nov 2021 18:29

Instrument :

MSVOA_U

ClientSampleId :

SB02A



Tgt Ion:128 Resp: 630

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

