

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045708.D
 Acq On : 10 Nov 2021 23:50
 Operator : SY/MD
 Sample : M4594-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 02:34:59 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	5.378	168	127777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	232358	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	121603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	102981	53.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.640%
35) Dibromofluoromethane	5.292	113	79345	51.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	7.899	98	304547	52.794	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.580%
62) 4-Bromofluorobenzene	10.635	95	116577	50.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.800%

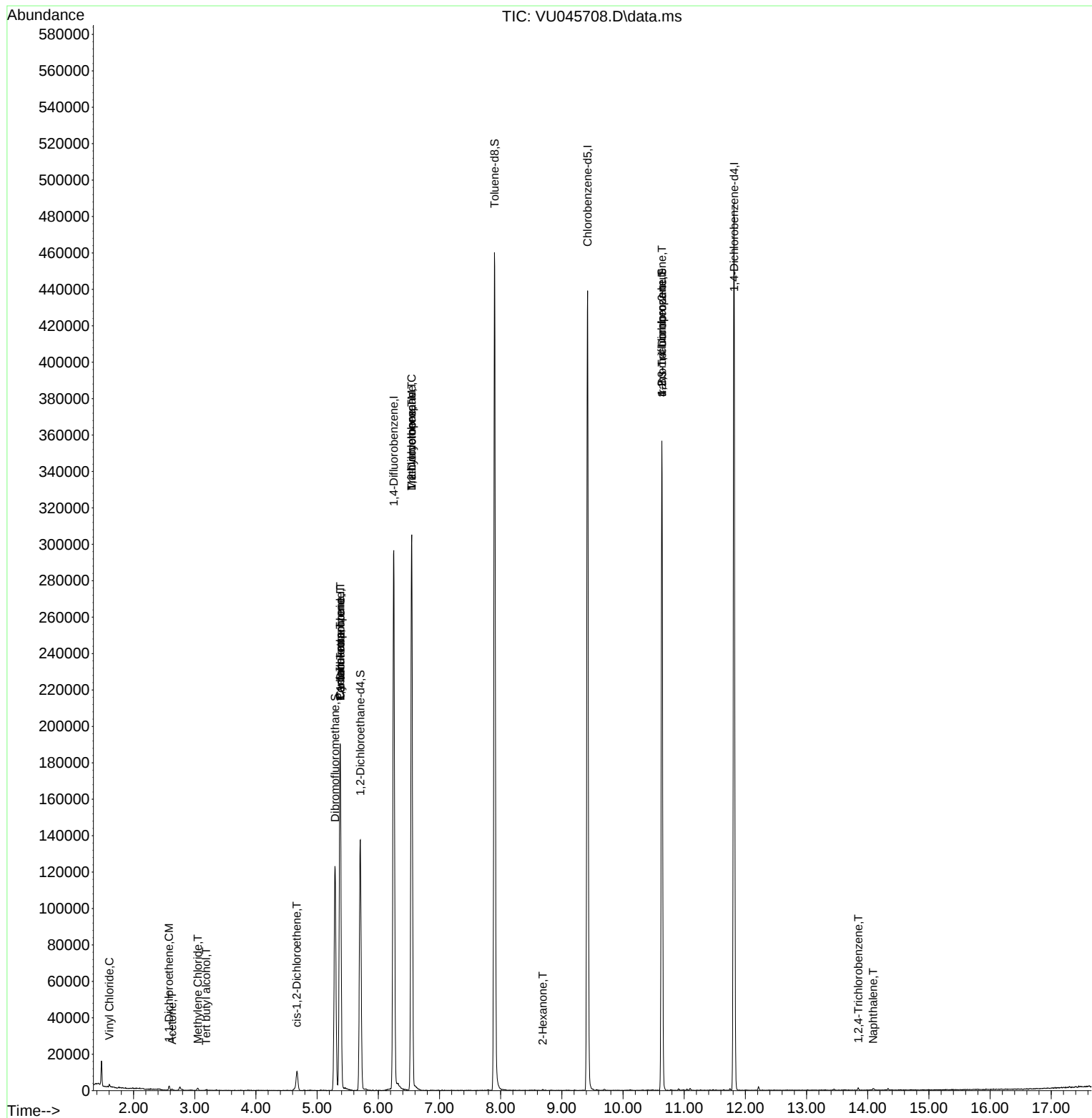
Target Compounds						Qvalue
4) Vinyl Chloride	1.604	62	852	0.461	ug/l #	73
11) Tert butyl alcohol	3.186	59	173	0.457	ug/l #	72
12) 1,1-Dichloroethene	2.578	96	682	0.485	ug/l	91
16) Acetone	2.629	43	740	0.760	ug/l #	85
20) Methylene Chloride	3.047	84	543	0.321	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	5611	3.267	ug/l	90
31) Cyclohexane	5.375	56	2823	1.011	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	11224	4.954	ug/l #	49
38) Carbon Tetrachloride	5.378	117	13451	5.889	ug/l #	16
39) Methylcyclohexane	6.546	83	1271	0.457	ug/l #	1
44) Trichloroethene	6.546	130	101171	63.010	ug/l	98
45) 1,2-Dichloropropane	6.546	63	381	0.215	ug/l #	1
59) 2-Hexanone	8.687	43	329	7.675	ug/l	68
76) 1,2,3-Trichloropropane	10.635	75	61153	16.583	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	61153	54.066	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.844	180	599	0.229	ug/l #	80
95) Naphthalene	14.089	128	1403	1.168	ug/l #	69

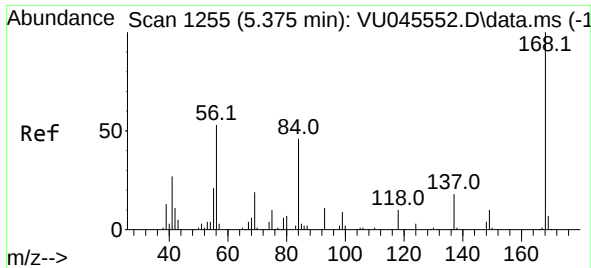
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 11 02:34:59 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

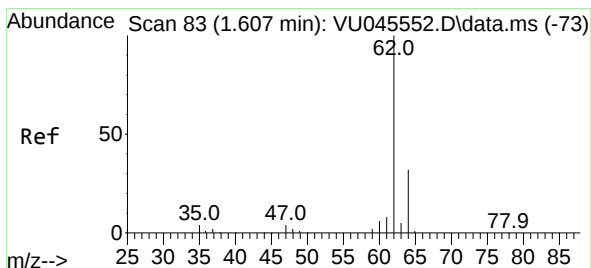
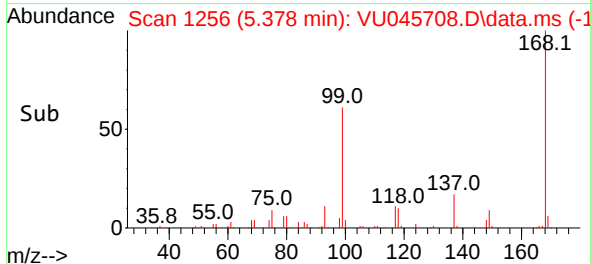
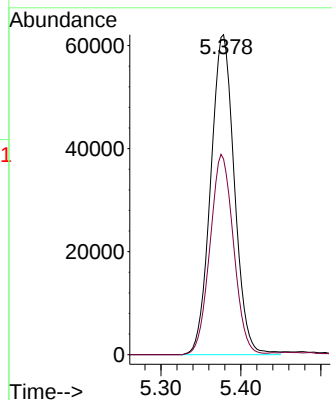
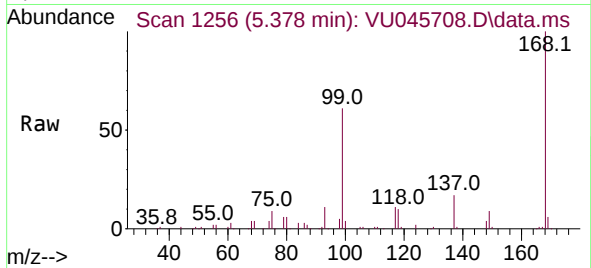




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

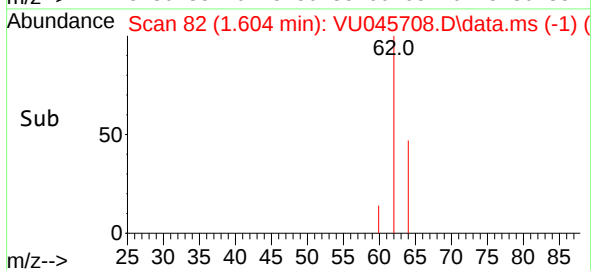
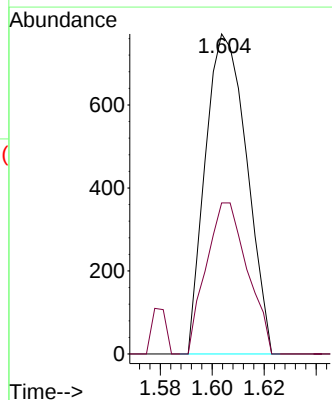
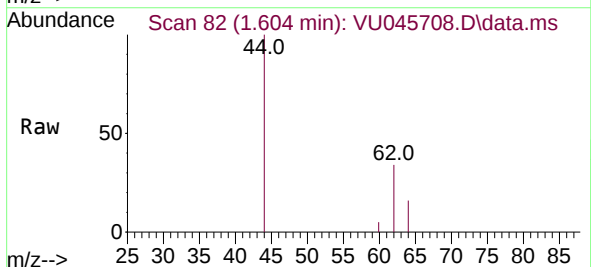
Instrument :
MSVOA_U
ClientSampleId :

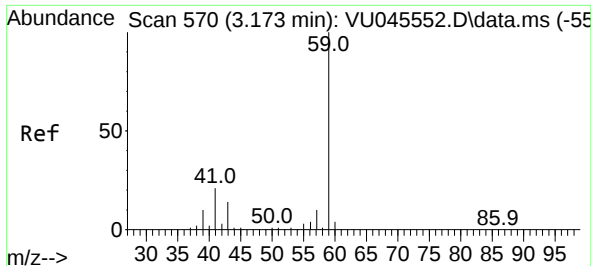
Tgt Ion:168 Resp: 127777
Ion Ratio Lower Upper
168 100
99 61.2 51.0 76.6



#4
Vinyl Chloride
Concen: 0.461 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Tgt Ion: 62 Resp: 852
Ion Ratio Lower Upper
62 100
64 47.2 25.8 38.6#

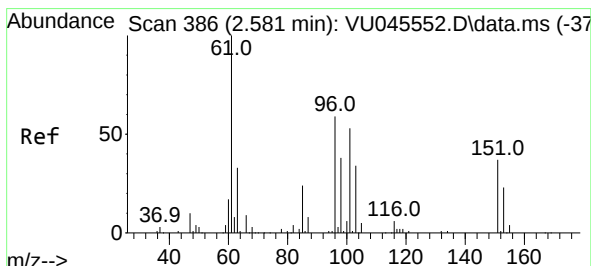
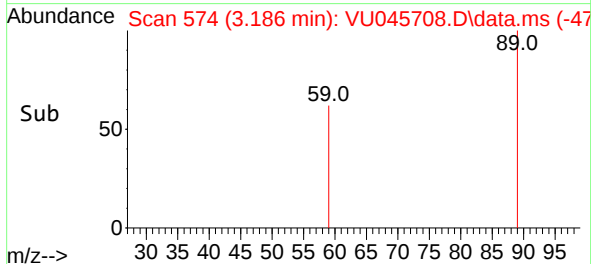
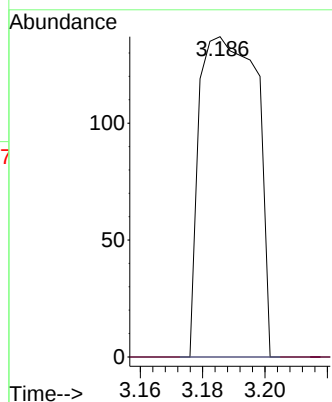
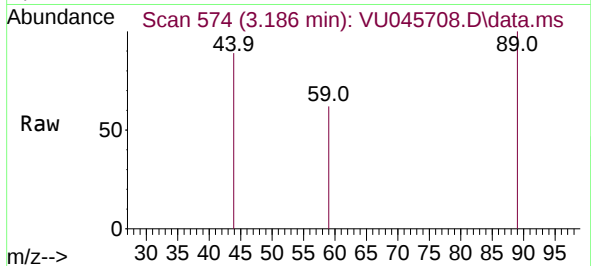




#11
Tert butyl alcohol
Concen: 0.457 ug/l
RT: 3.186 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

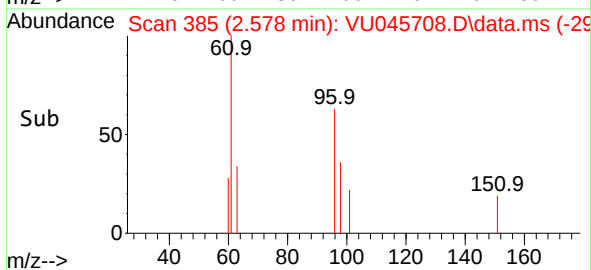
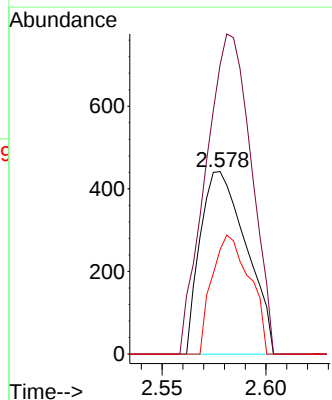
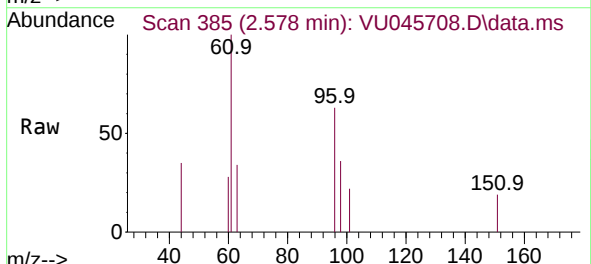
Instrument :
MSVOA_U
ClientSampleId :

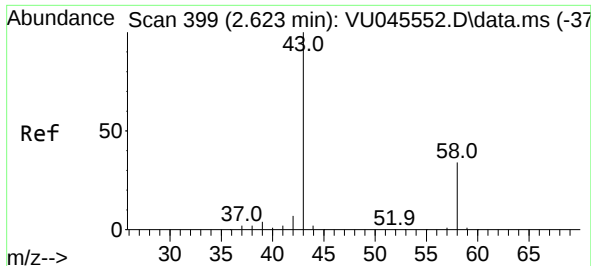
Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.485 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Tgt Ion: 96 Resp: 682
Ion Ratio Lower Upper
96 100
61 158.4 137.1 205.7
98 57.0 51.5 77.3

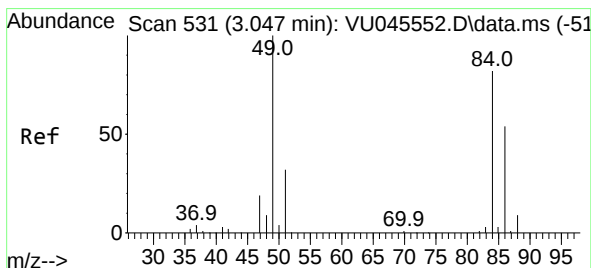
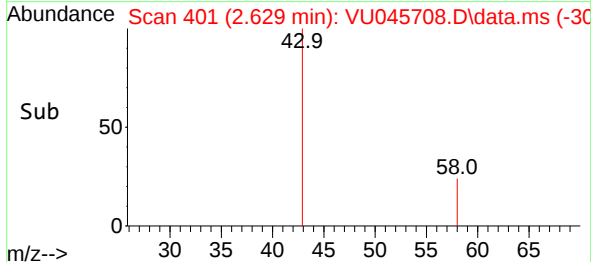
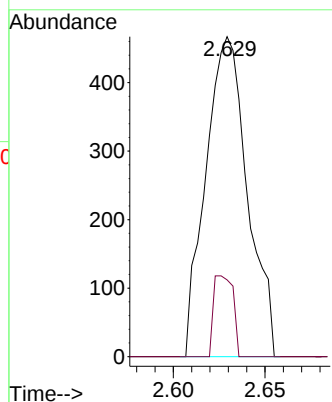
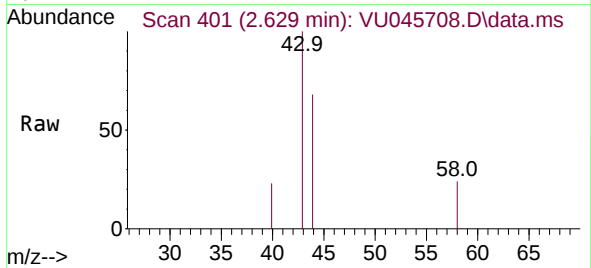




#16
Acetone
Concen: 0.760 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

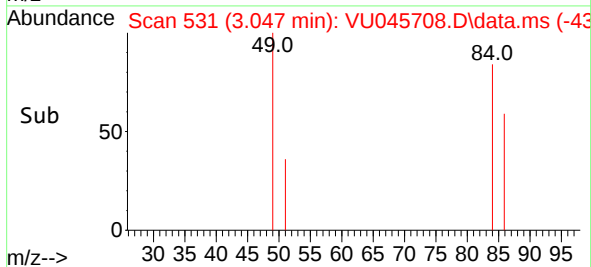
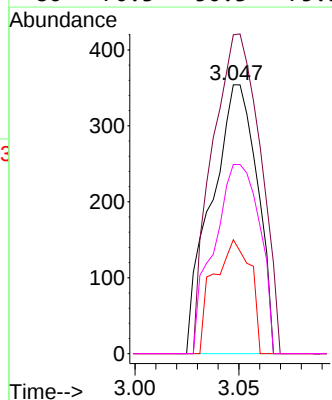
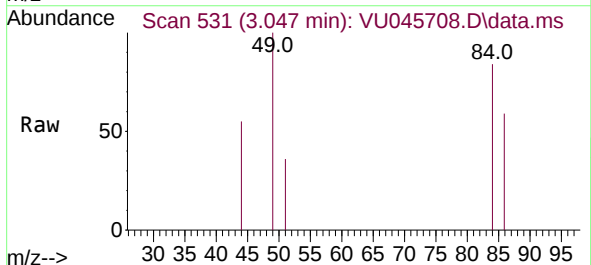
Instrument :
MSVOA_U
ClientSampleId :

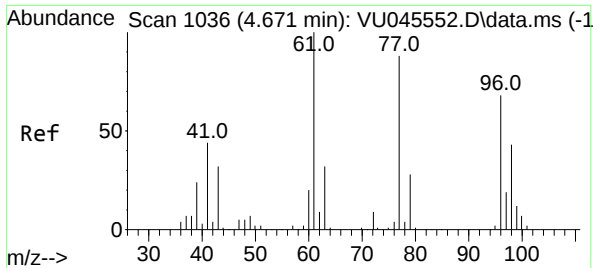
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 24.0 26.2 39.2#



#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

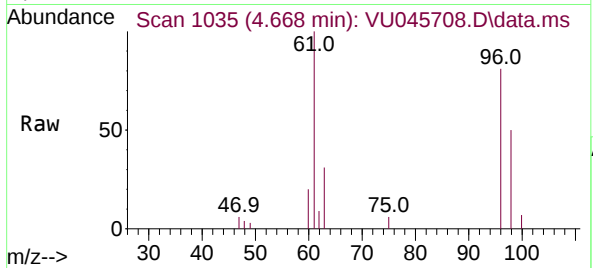
Tgt Ion: 84 Resp: 543
Ion Ratio Lower Upper
84 100
49 118.6 96.4 144.6
51 42.4 30.5 45.7
86 70.3 50.3 75.5



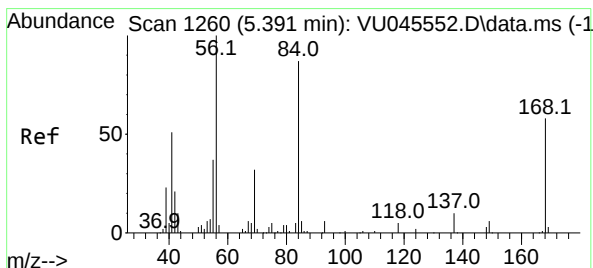
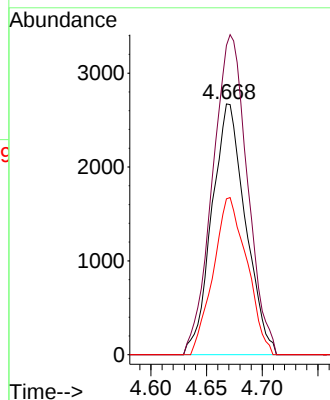
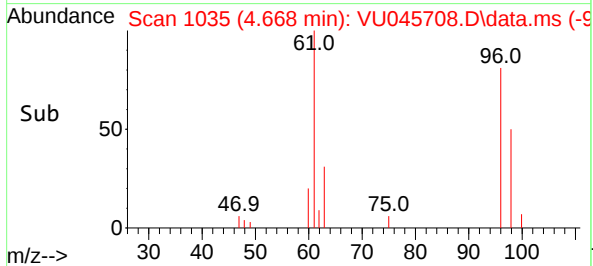


#27
 cis-1,2-Dichloroethene
 Concen: 3.267 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045708.D
 Acq: 10 Nov 2021 23:50

Instrument :
 MSVOA_U
 ClientSampleId :

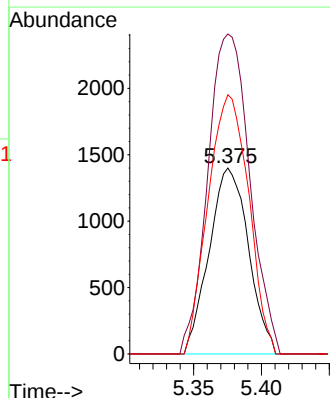
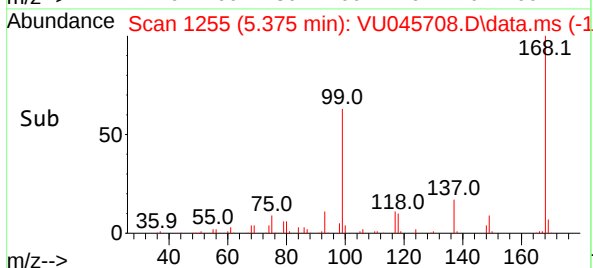
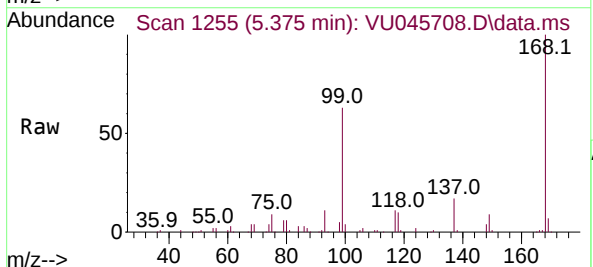


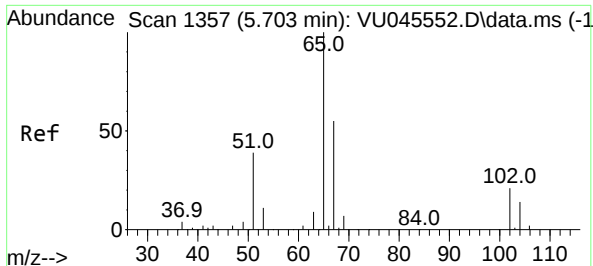
Tgt Ion: 96	Resp: 5611
Ion Ratio	Lower Upper
96 100	
61 132.2	0.0 299.2
98 62.6	0.0 127.6



#31
 Cyclohexane
 Concen: 1.011 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.016 min
 Lab File: VU045708.D
 Acq: 10 Nov 2021 23:50

Tgt Ion: 56	Resp: 2823
Ion Ratio	Lower Upper
56 100	
69 172.1	26.4 39.6#
84 139.4	68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 53.815 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045708.D

Acq: 10 Nov 2021 23:50

Instrument :

MSVOA_U

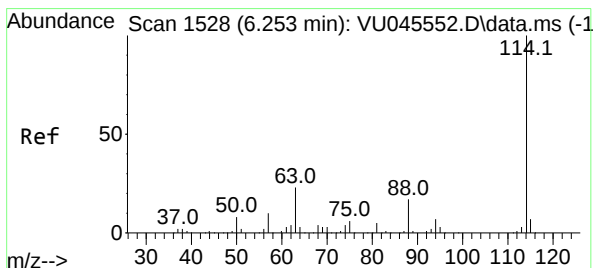
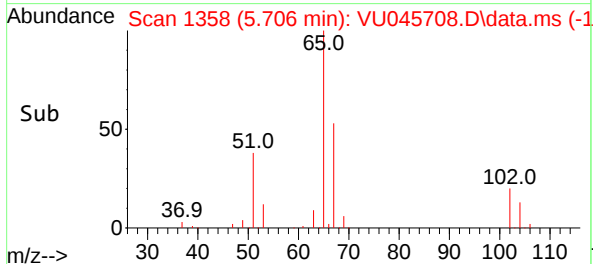
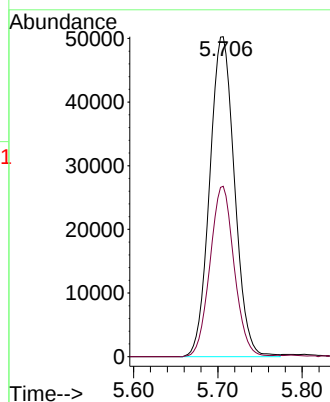
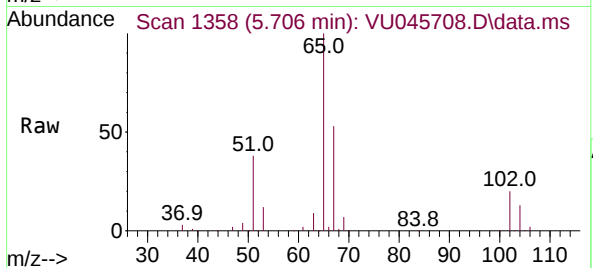
ClientSampleId :

Tgt Ion: 65 Resp: 102981

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045708.D

Acq: 10 Nov 2021 23:50

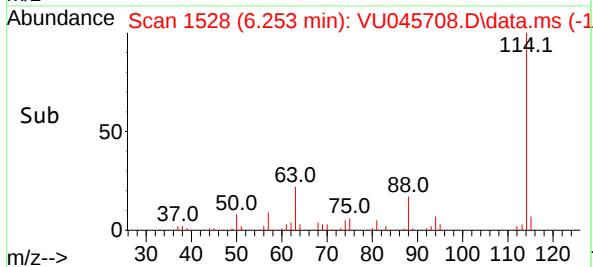
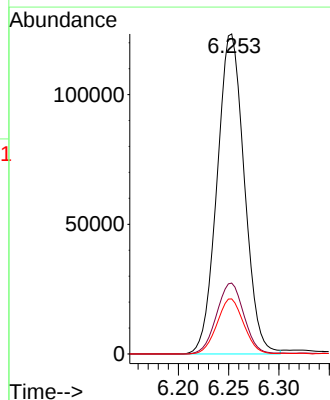
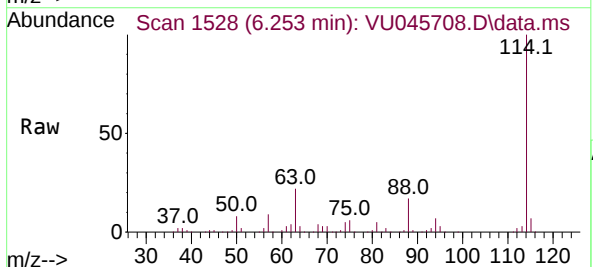
Tgt Ion: 114 Resp: 232358

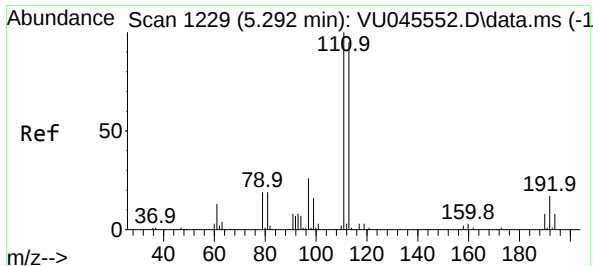
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

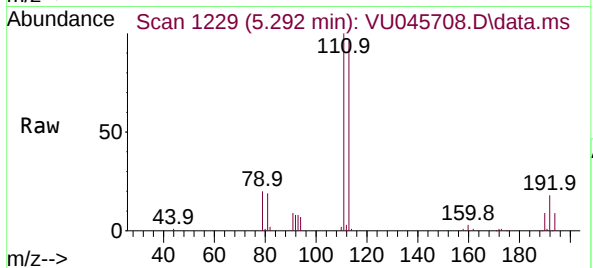
88 17.2 0.0 33.8



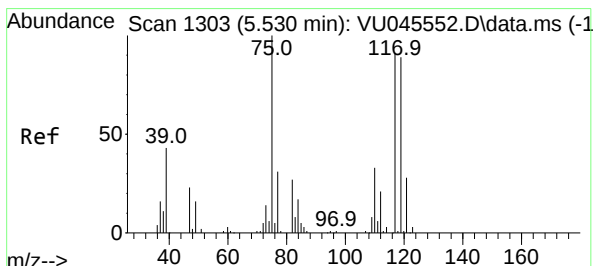
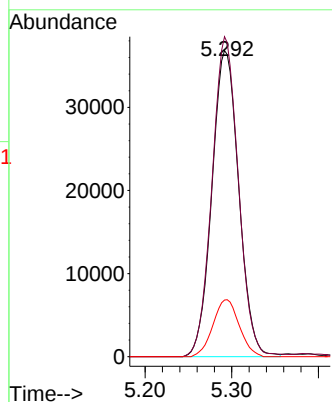
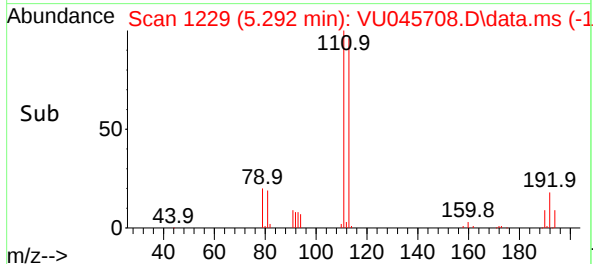


#35
Dibromofluoromethane
Concen: 51.146 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Instrument :
MSVOA_U
ClientSampleId :

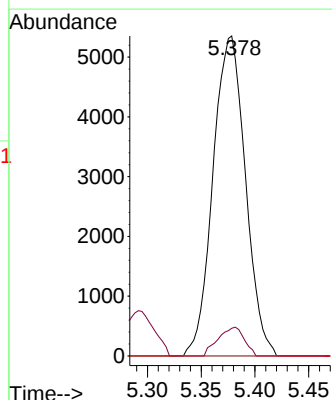
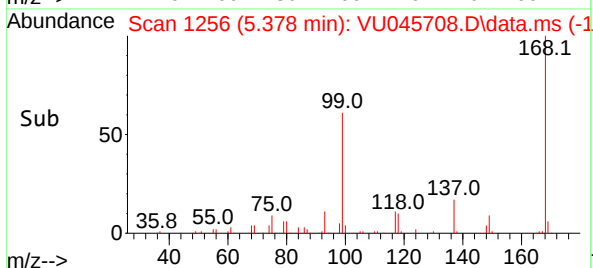
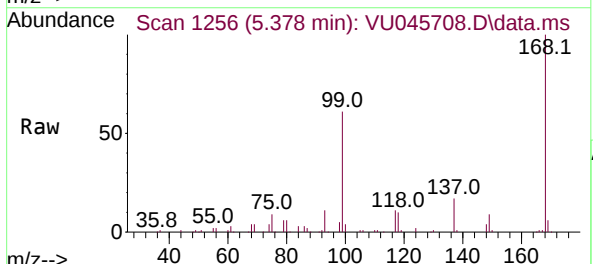


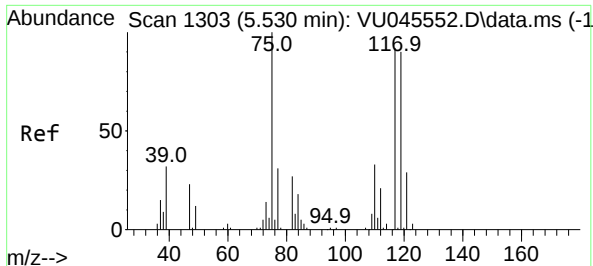
Tgt Ion:113 Resp: 79345
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

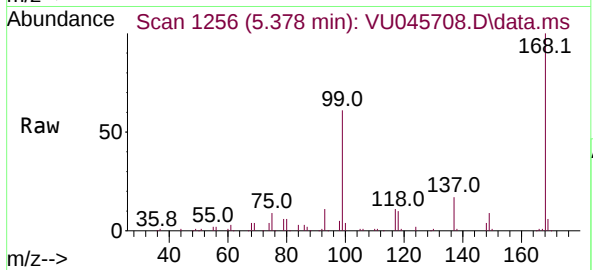
Tgt Ion: 75 Resp: 11224
Ion Ratio Lower Upper
75 100
110 7.2 16.7 50.0#
77 0.0 25.0 37.4#



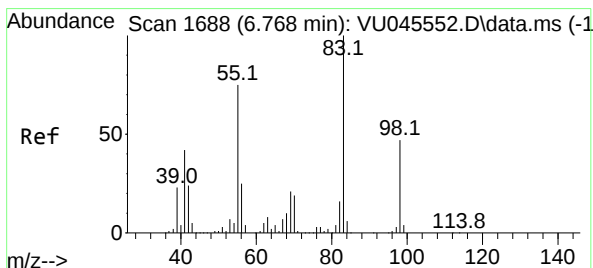
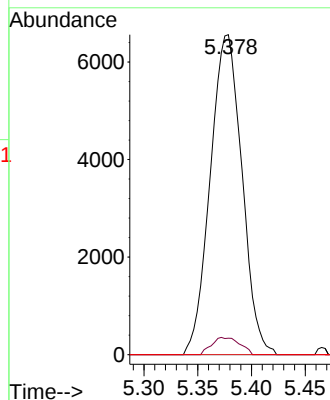
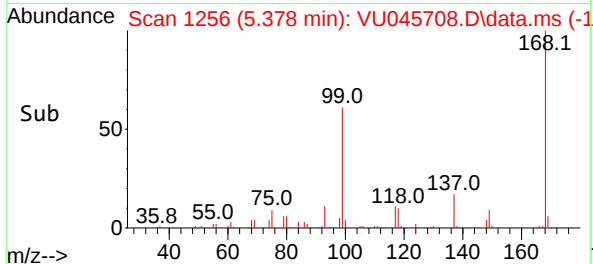


#38
Carbon Tetrachloride
Concen: 5.889 ug/l
RT: 5.378 min Scan# 1619
Delta R.T. -0.151 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Instrument :
MSVOA_U
ClientSampleId :

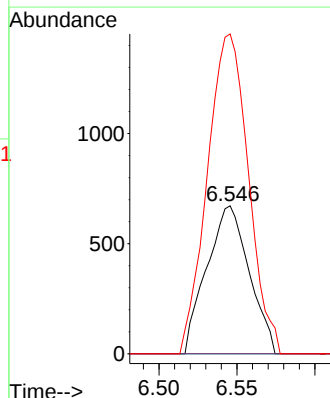
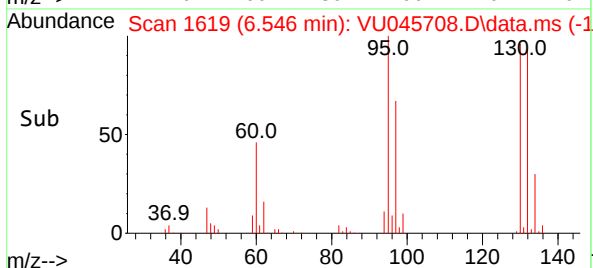
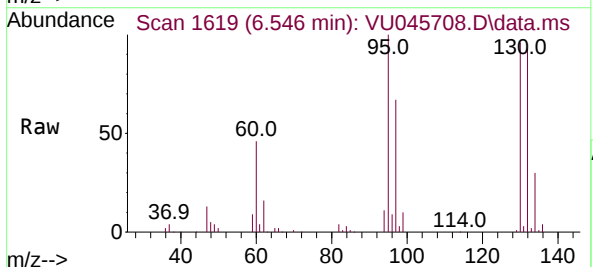


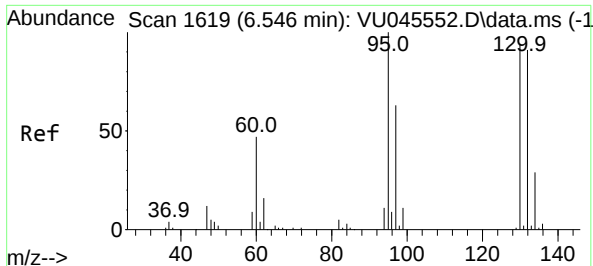
Tgt Ion:117 Resp: 13451
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.457 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.222 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Tgt Ion: 83 Resp: 1271
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 216.1 37.1 55.7#

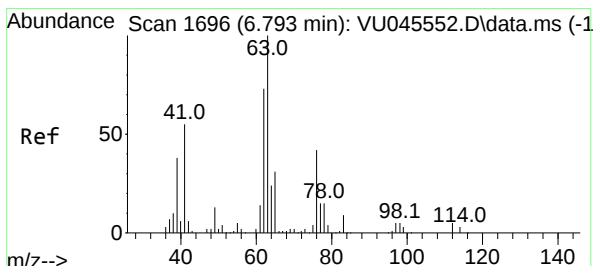
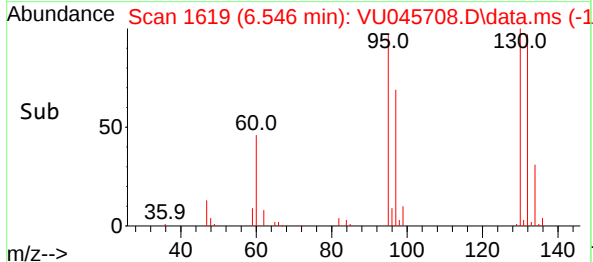
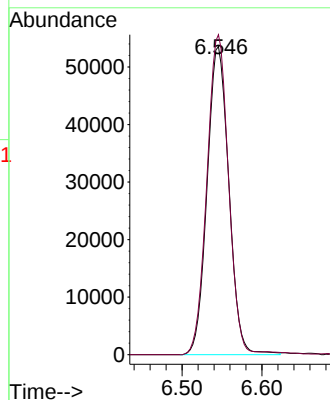
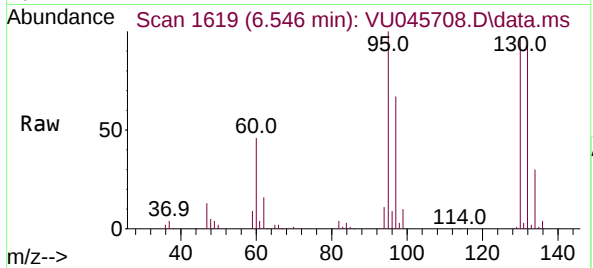




#44
Trichloroethene
Concen: 63.010 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

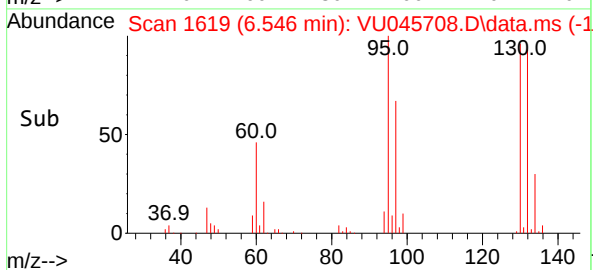
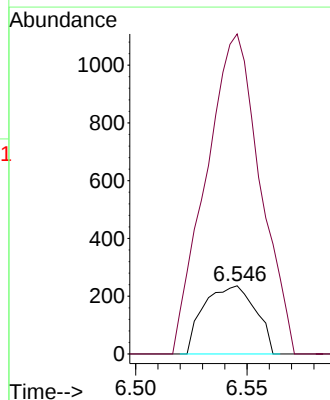
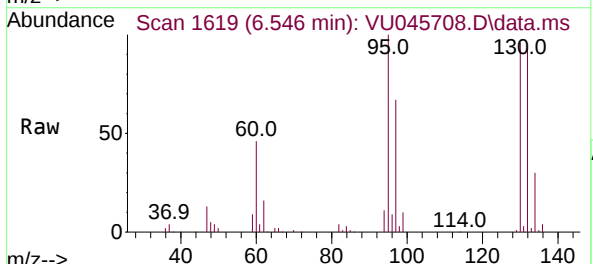
Instrument :
MSVOA_U
ClientSampleId :

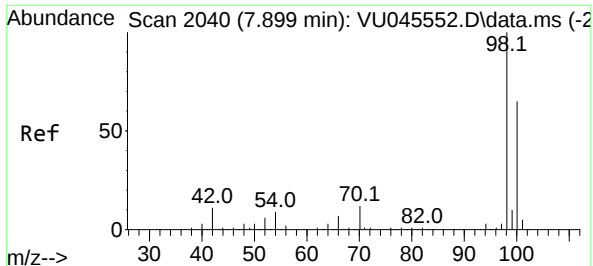
Tgt Ion:130 Resp: 101171
Ion Ratio Lower Upper
130 100
95 103.9 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.215 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.248 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Tgt Ion: 63 Resp: 381
Ion Ratio Lower Upper
63 100
65 407.6 25.7 38.5#





#50

Toluene-d8

Concen: 52.794 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045708.D

Acq: 10 Nov 2021 23:50

Instrument :

MSVOA_U

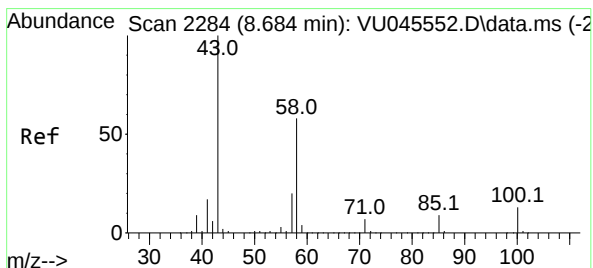
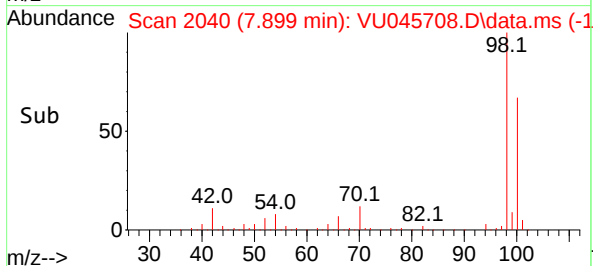
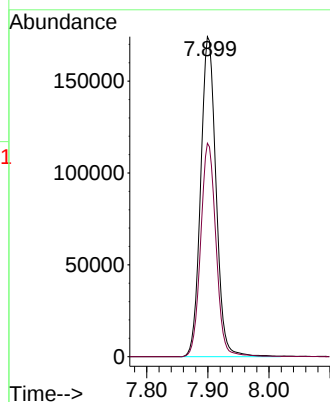
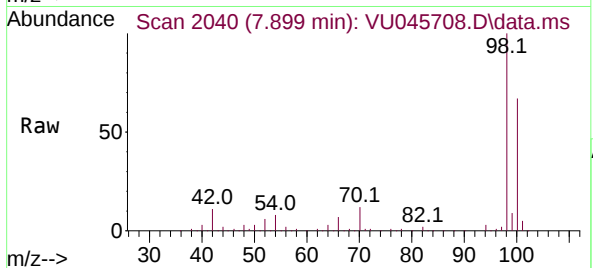
ClientSampleId :

Tgt Ion: 98 Resp: 304547

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#59

2-Hexanone

Concen: 7.675 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU045708.D

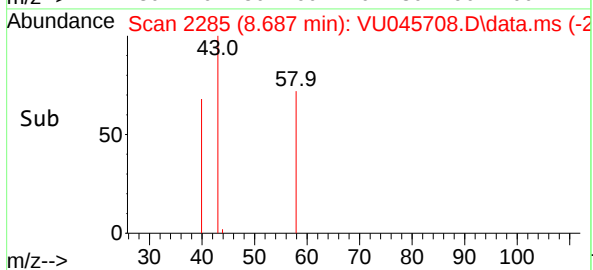
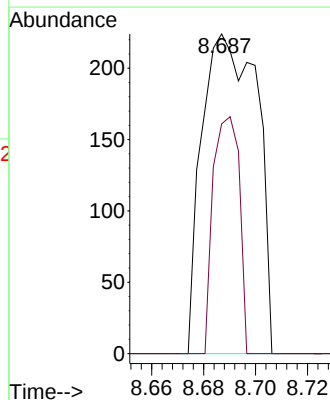
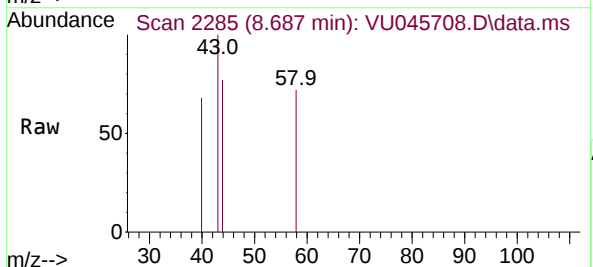
Acq: 10 Nov 2021 23:50

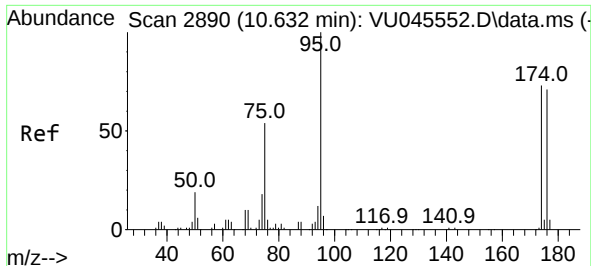
Tgt Ion: 43 Resp: 329

Ion Ratio Lower Upper

43 100

58 35.3 29.5 88.6

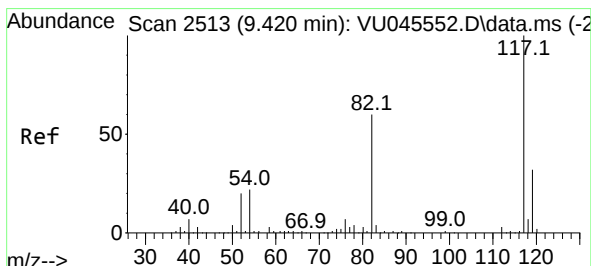
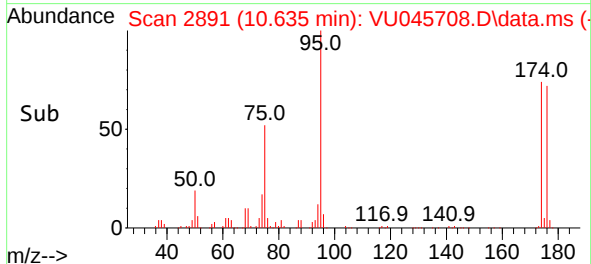
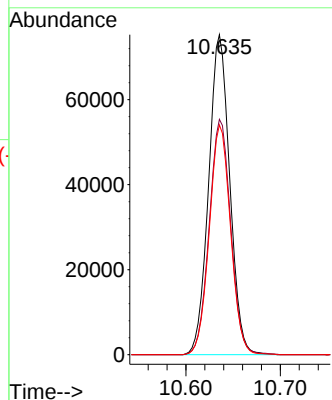
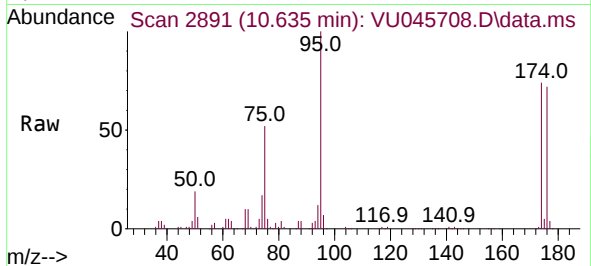




#62
4-Bromofluorobenzene
Concen: 50.397 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

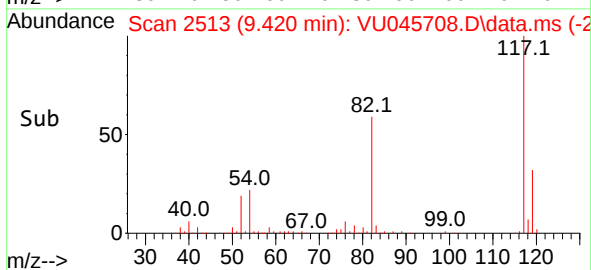
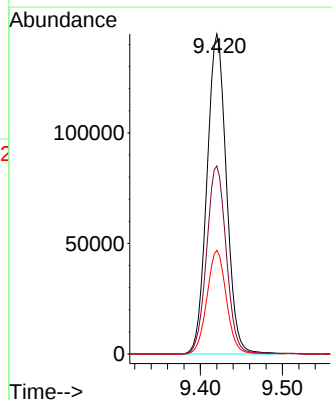
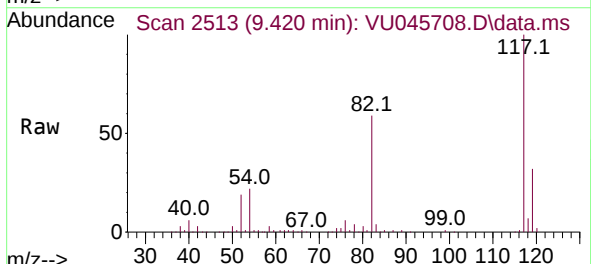
Instrument :
MSVOA_U
ClientSampleId :

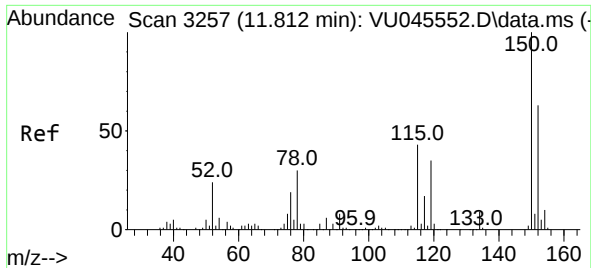
Tgt Ion: 95 Resp: 116577
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 72.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045708.D
Acq: 10 Nov 2021 23:50

Tgt Ion: 117 Resp: 238514
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 32.4 25.8 38.8

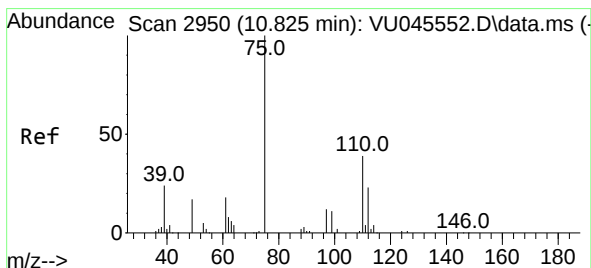
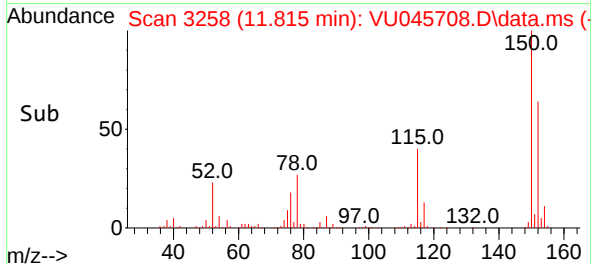
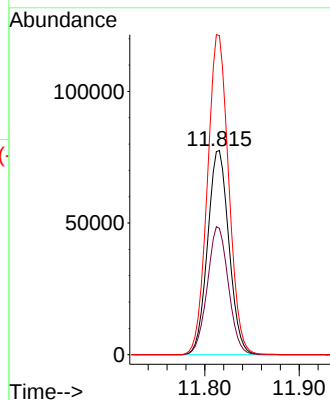
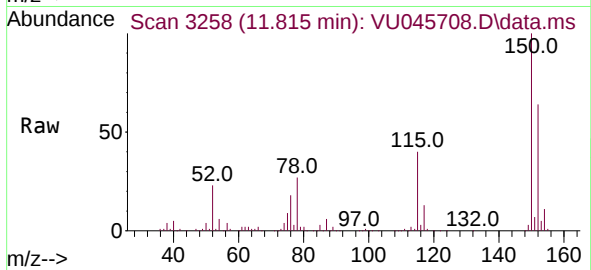




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045708.D
 Acq: 10 Nov 2021 23:50

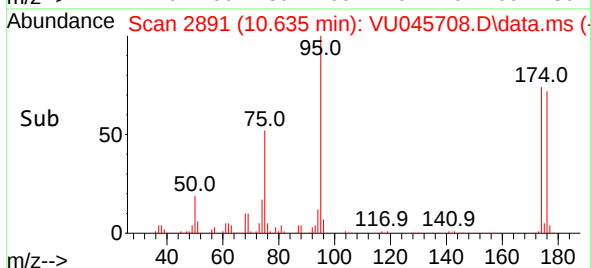
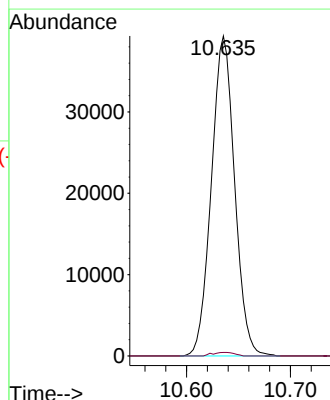
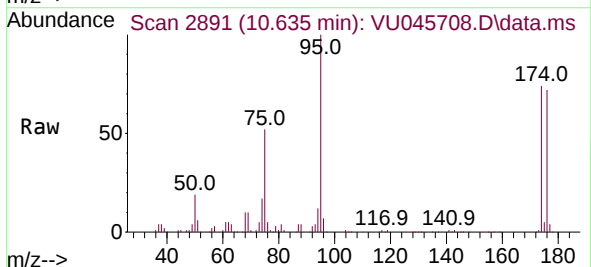
Instrument :
 MSVOA_U
 ClientSampleId :

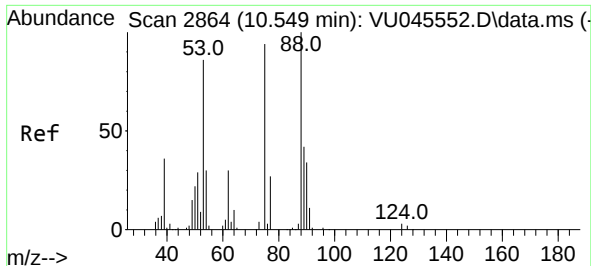
Tgt Ion:152 Resp: 121603
 Ion Ratio Lower Upper
 152 100
 115 62.1 42.7 128.1
 150 156.2 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.583 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045708.D
 Acq: 10 Nov 2021 23:50

Tgt Ion: 75 Resp: 61153
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#

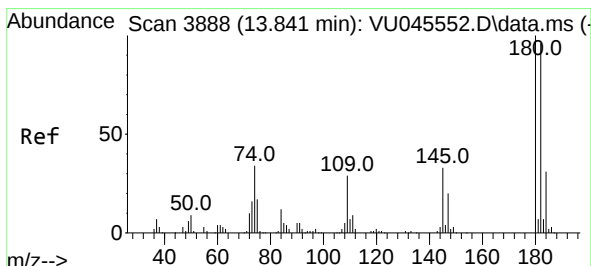
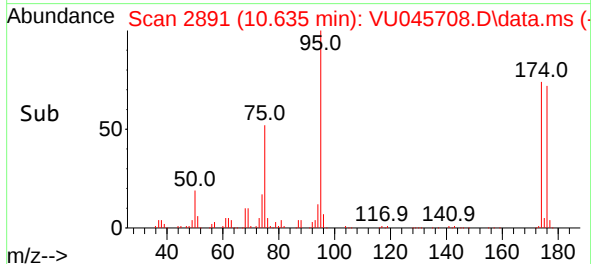
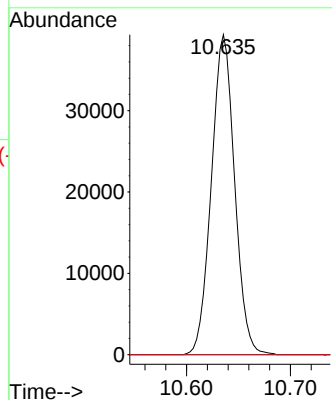
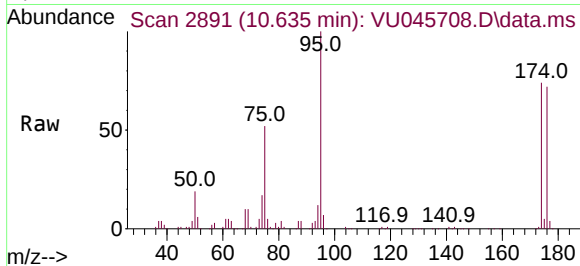




#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.066 ug/l
 RT: 10.635 min Scan# 2864
 Delta R.T. 0.086 min
 Lab File: VU045708.D
 Acq: 10 Nov 2021 23:50

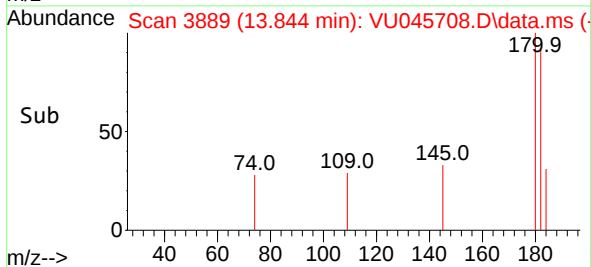
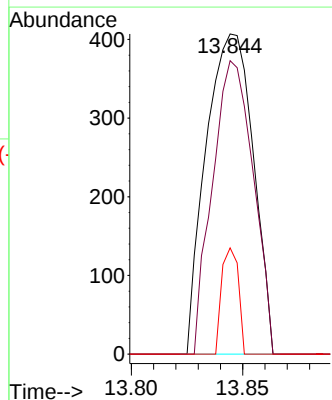
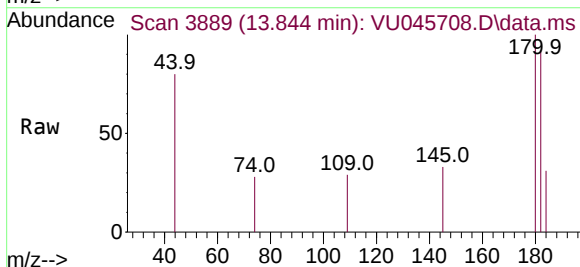
Instrument :
 MSVOA_U
 ClientSampleId :

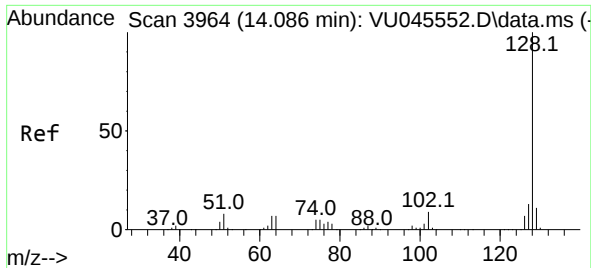
Tgt Ion: 75 Resp: 61153
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.4#
 89 0.0 34.0 51.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.229 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU045708.D
 Acq: 10 Nov 2021 23:50

Tgt Ion:180 Resp: 599
 Ion Ratio Lower Upper
 180 100
 182 79.3 47.0 141.2
 145 11.7 15.6 46.7#





#95

Naphthalene

Concen: 1.168 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

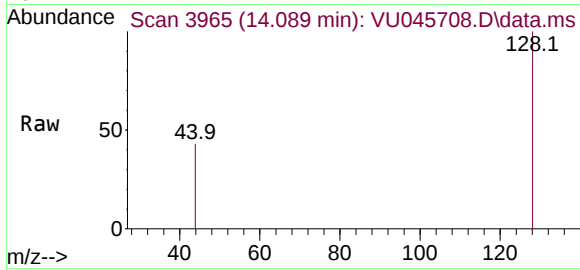
Lab File: VU045708.D

Acq: 10 Nov 2021 23:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1403

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

