

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045712.D
 Acq On : 11 Nov 2021 01:22
 Operator : SY/MD
 Sample : M4594-06DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 02:35:48 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)

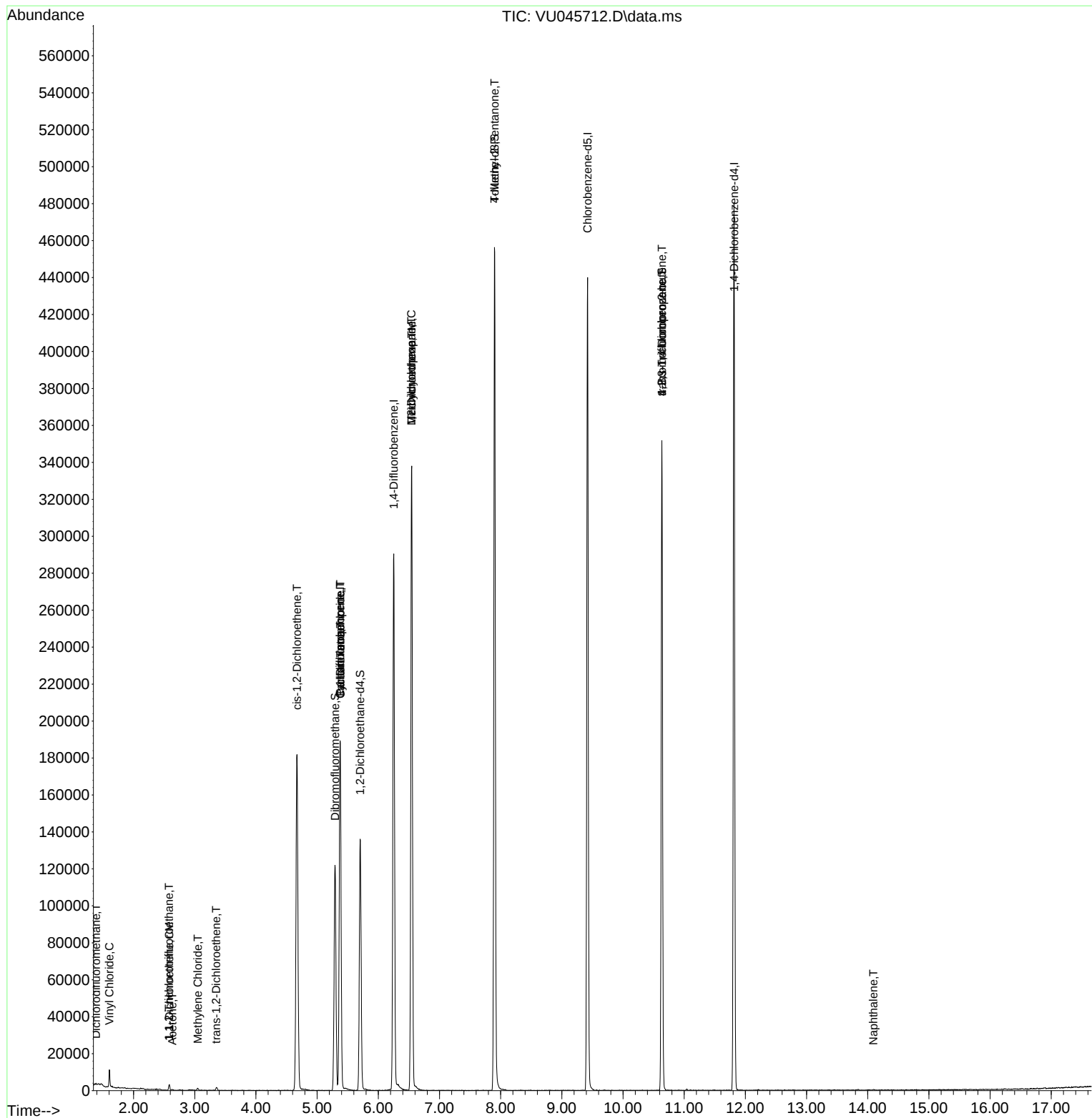
Internal Standards						
1) Pentafluorobenzene	5.375	168	126122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	229011	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	119856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	101669	53.827	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.660%	
35) Dibromofluoromethane	5.292	113	79262	51.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	7.899	98	303369	53.358	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	10.636	95	116167	50.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	518	0.317	ug/l	83
4) Vinyl Chloride	1.604	62	6065	3.328	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	549	0.390	ug/l #	93
12) 1,1-Dichloroethene	2.584	96	572	0.412	ug/l	98
16) Acetone	2.633	43	538	0.560	ug/l #	42
20) Methylene Chloride	3.047	84	512	0.306	ug/l #	92
21) trans-1,2-Dichloroethene	3.350	96	677	0.469	ug/l #	86
27) cis-1,2-Dichloroethene	4.671	96	95000	56.031	ug/l	89
31) Cyclohexane	5.379	56	2804	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11150	4.993	ug/l #	50
38) Carbon Tetrachloride	5.379	117	13565	6.026	ug/l #	16
39) Methylcyclohexane	6.543	83	1546	0.564	ug/l #	1
44) Trichloroethene	6.546	130	111315	70.341	ug/l	99
45) 1,2-Dichloropropane	6.543	63	394	0.225	ug/l #	1
51) 4-Methyl-2-Pentanone	7.899	43	1216	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	61622	16.954	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	61622	55.208	ug/l #	12
95) Naphthalene	14.092	128	419	1.071	ug/l #	69

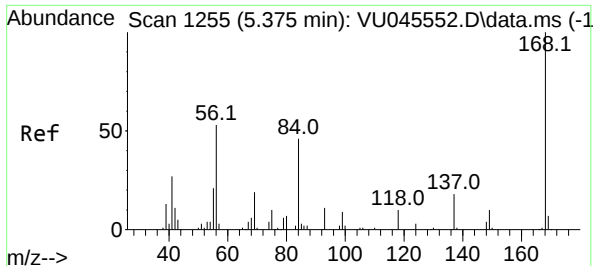
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

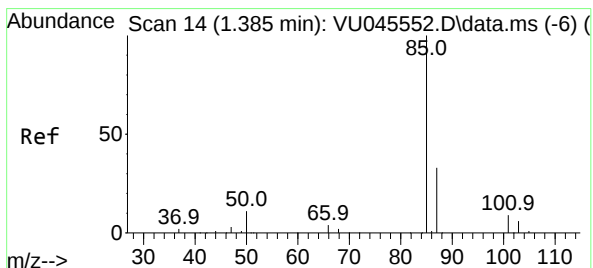
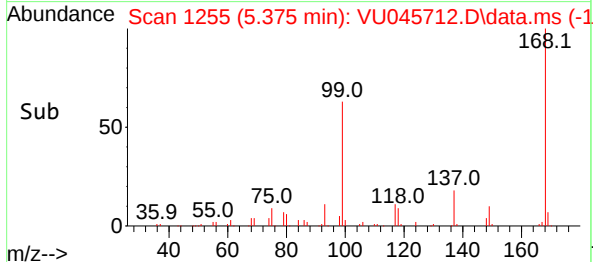
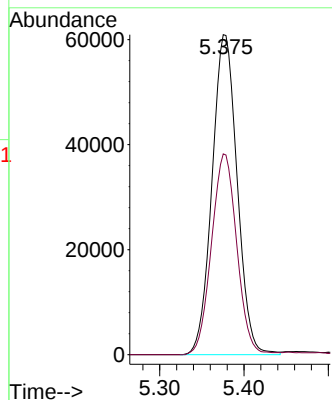
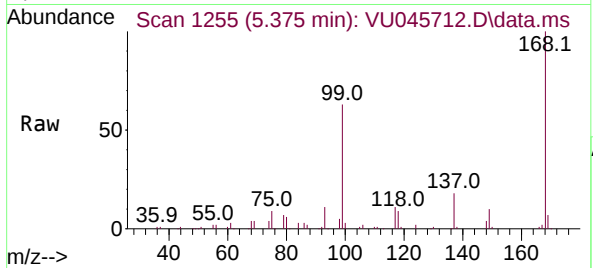




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

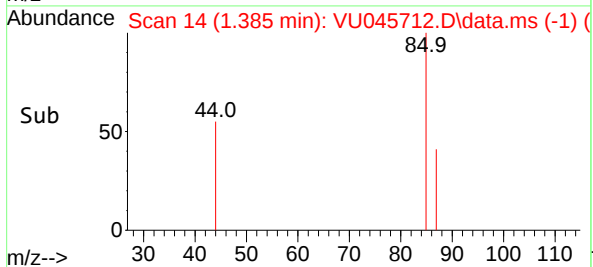
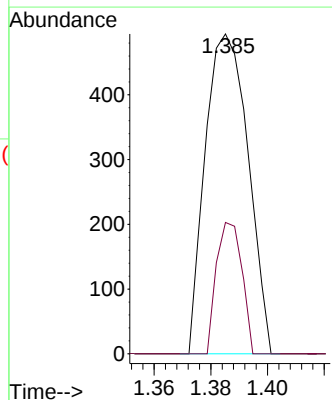
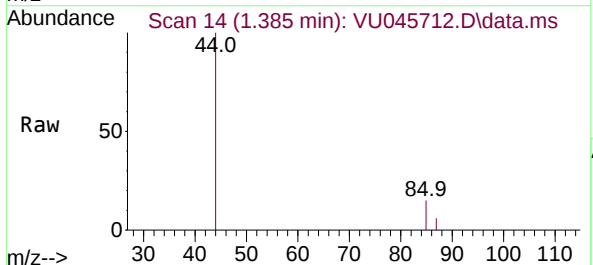
Instrument :
MSVOA_U
ClientSampleId :

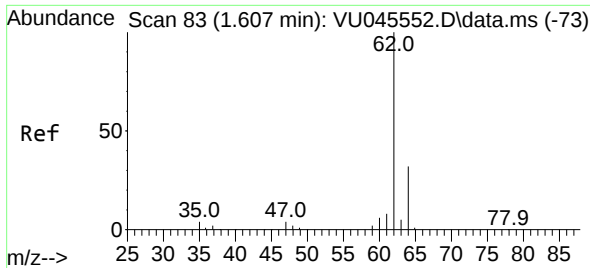
Tgt Ion:168 Resp: 126122
Ion Ratio Lower Upper
168 100
99 62.7 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.317 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Tgt Ion: 85 Resp: 518
Ion Ratio Lower Upper
85 100
87 41.1 15.9 47.7

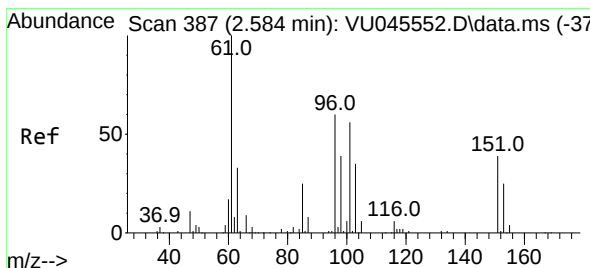
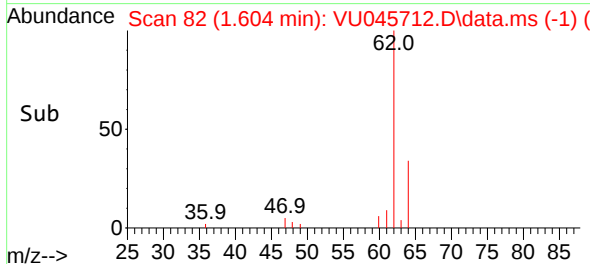
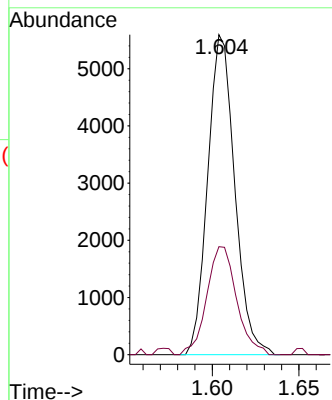
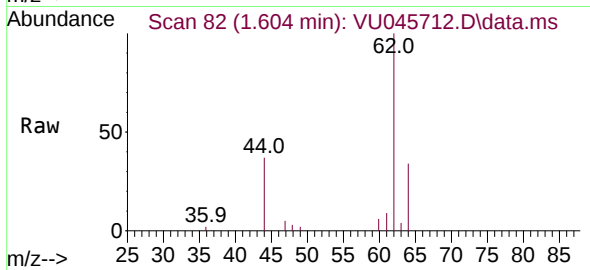




#4
 Vinyl Chloride
 Concen: 3.328 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

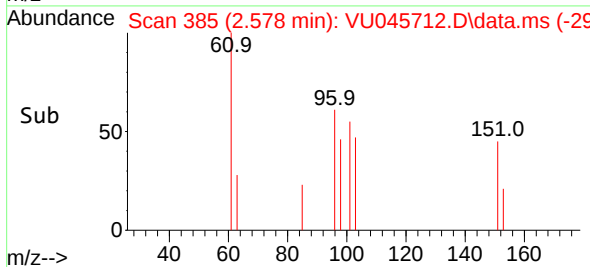
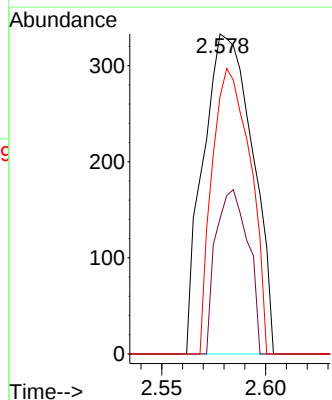
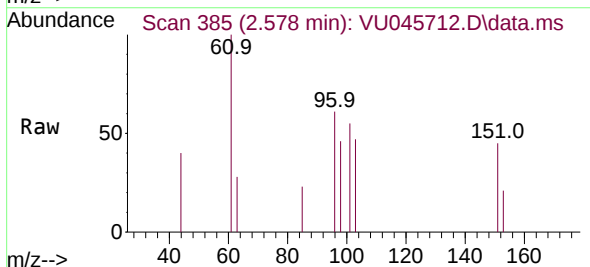
Instrument :
 MSVOA_U
 ClientSampleId :

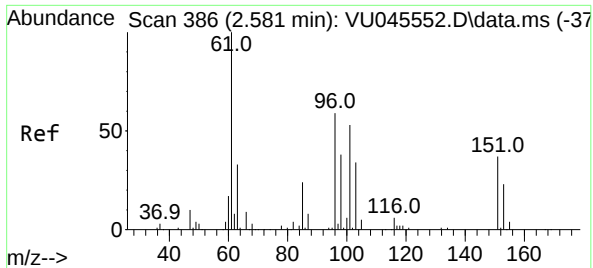
Tgt Ion: 62 Resp: 6065
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.390 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

Tgt Ion: 101 Resp: 549
 Ion Ratio Lower Upper
 101 100
 85 33.7 35.0 52.4#
 151 69.2 54.6 82.0





#12

1,1-Dichloroethene

Concen: 0.412 ug/l

RT: 2.584 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU045712.D

Acq: 11 Nov 2021 01:22

Instrument :

MSVOA_U

ClientSampleId :

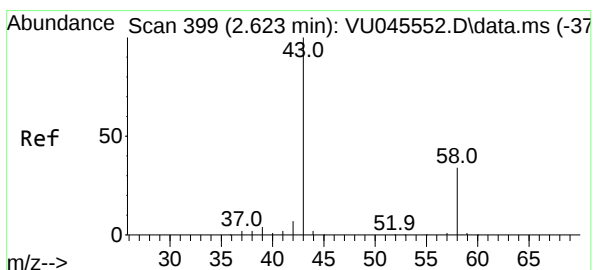
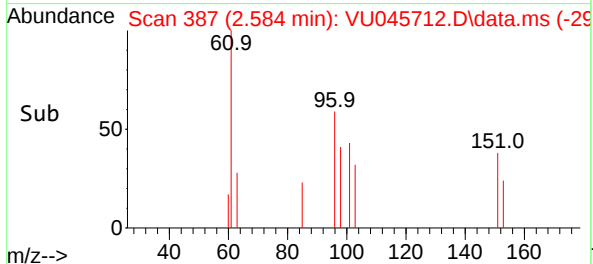
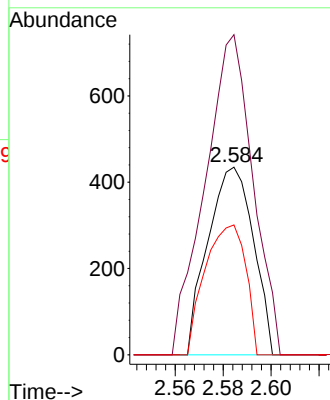
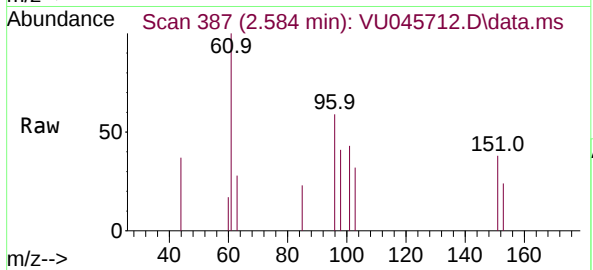
Tgt Ion: 96 Resp: 572

Ion Ratio Lower Upper

96 100

61 170.6 137.1 205.7

98 69.2 51.5 77.3



#16

Acetone

Concen: 0.560 ug/l

RT: 2.633 min Scan# 402

Delta R.T. 0.010 min

Lab File: VU045712.D

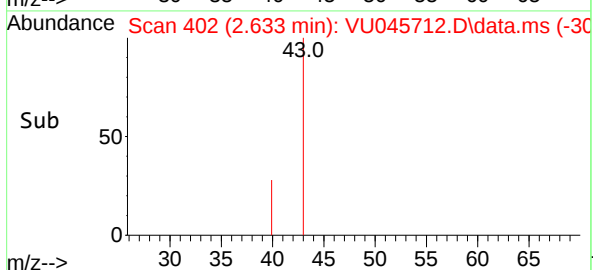
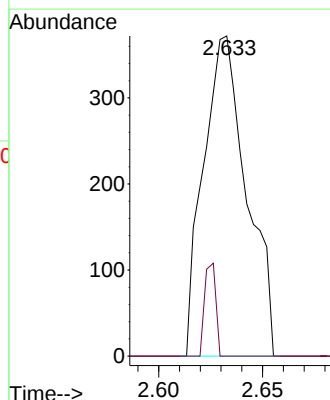
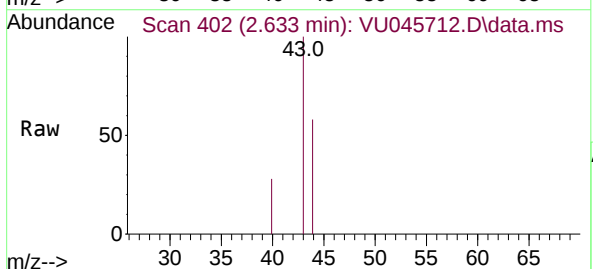
Acq: 11 Nov 2021 01:22

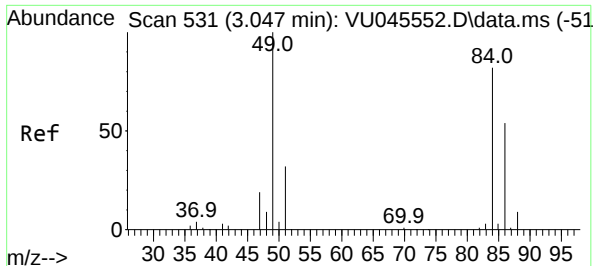
Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

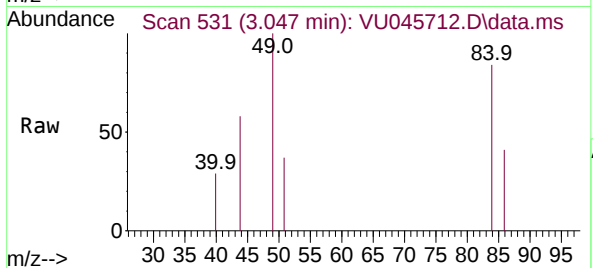
58 0.0 26.2 39.2#



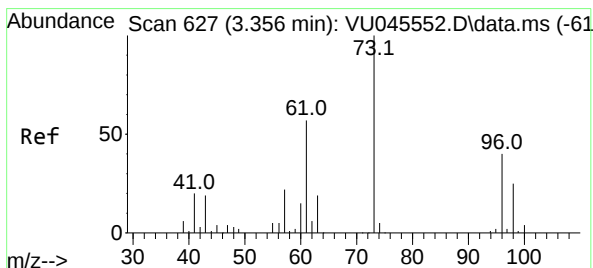
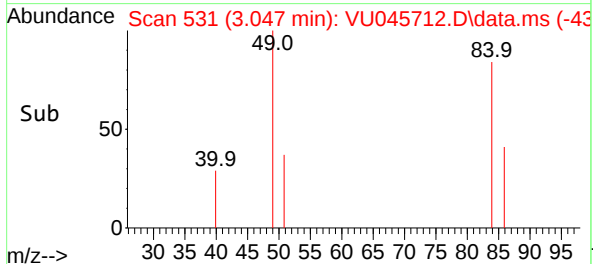
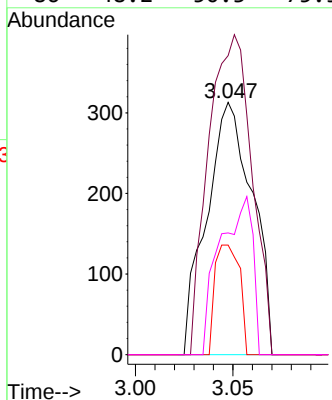


#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Instrument :
MSVOA_U
ClientSampleId :

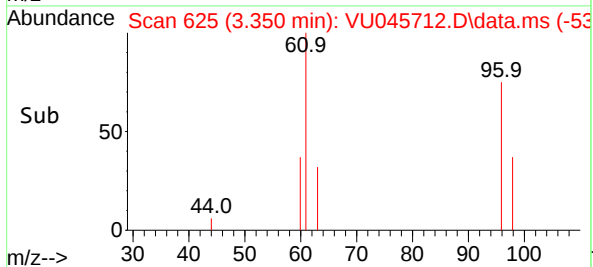
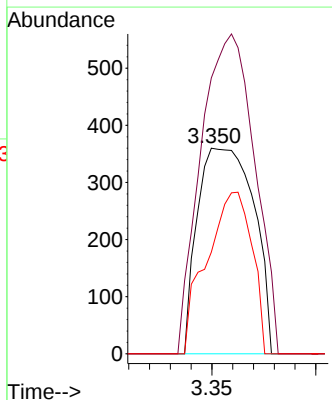
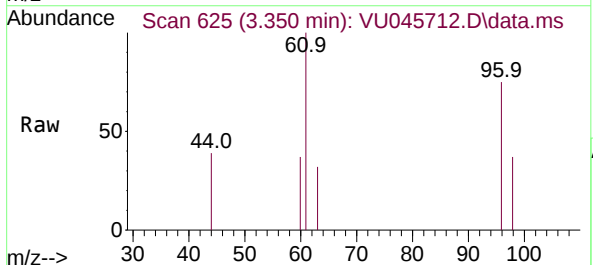


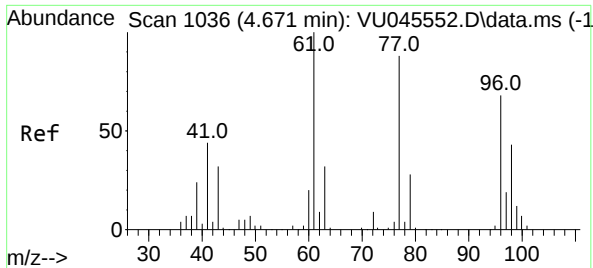
Tgt Ion:	84	Resp:	512
Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.4	144.6
51	43.5	30.5	45.7
86	48.2	50.3	75.5#



#21
trans-1,2-Dichloroethene
Concen: 0.469 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.006 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

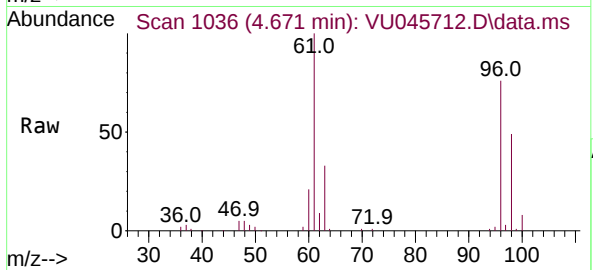
Tgt Ion:	96	Resp:	677
Ion	Ratio	Lower	Upper
96	100		
61	134.2	118.2	177.4
98	49.4	52.1	78.1#



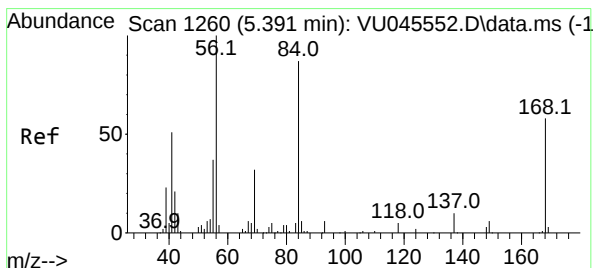
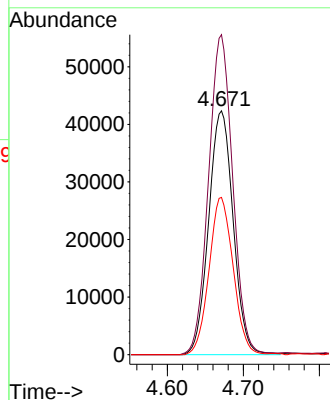
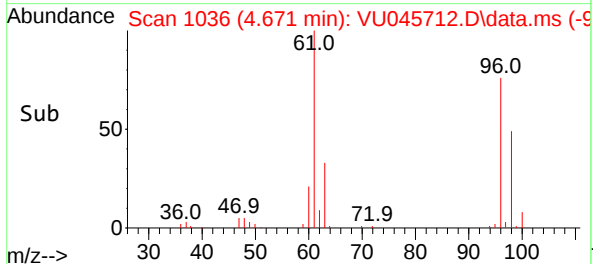


#27
 cis-1,2-Dichloroethene
 Concen: 56.031 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

Instrument :
 MSVOA_U
 ClientSampleId :

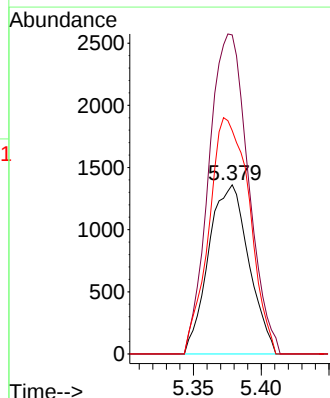
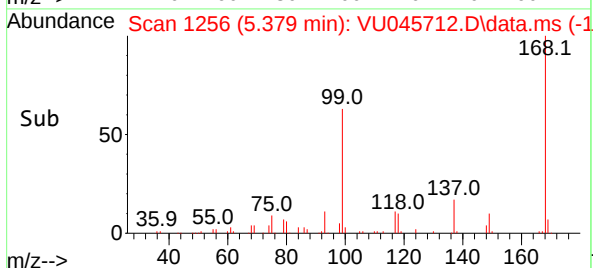
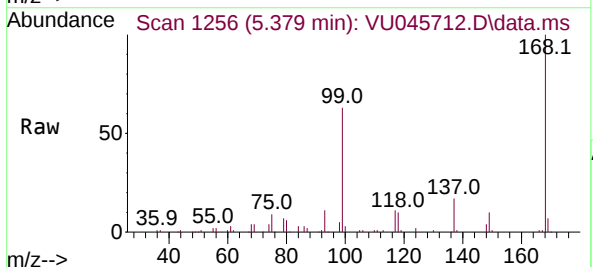


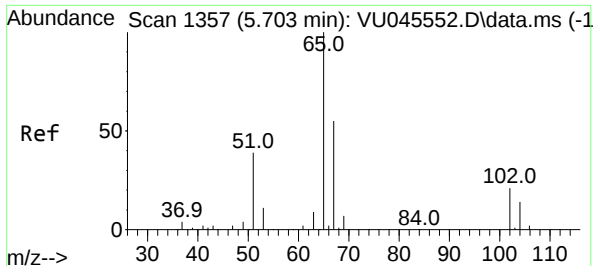
Tgt Ion: 96	Resp: 95000
Ion Ratio	Lower Upper
96 100	
61 129.5	0.0 299.2
98 63.3	0.0 127.6



#31
 Cyclohexane
 Concen: 1.017 ug/l
 RT: 5.379 min Scan# 1256
 Delta R.T. -0.013 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

Tgt Ion: 56	Resp: 2804
Ion Ratio	Lower Upper
56 100	
69 188.7	26.4 39.6#
84 132.1	68.4 102.6#

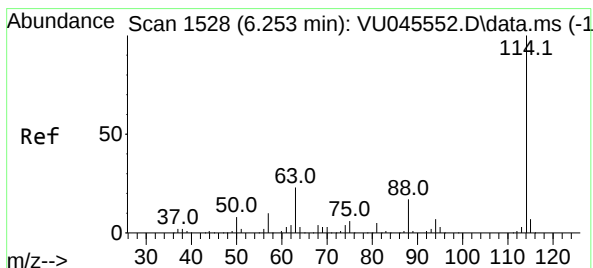
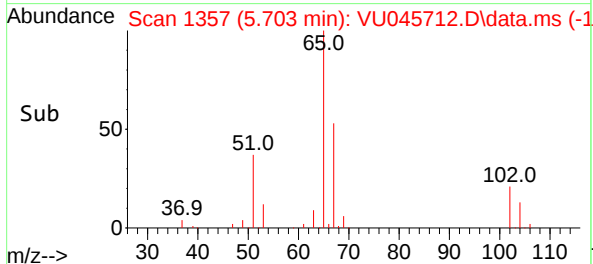
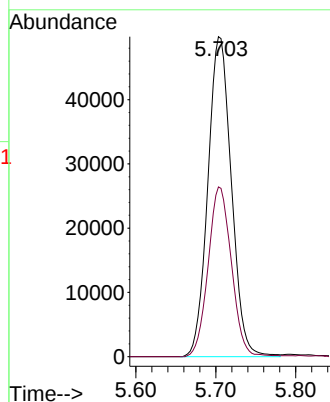
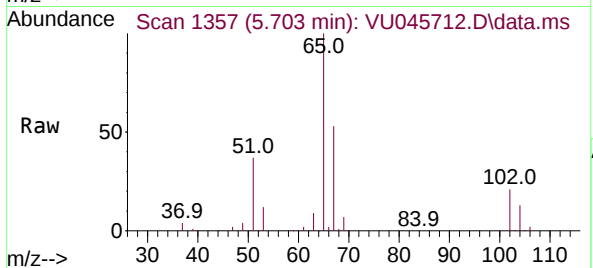




#33
 1,2-Dichloroethane-d4
 Concen: 53.827 ug/l
 RT: 5.703 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

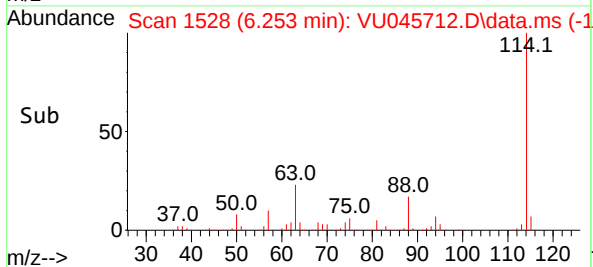
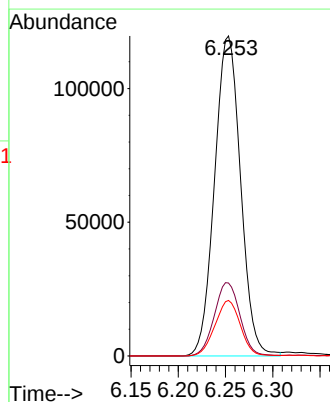
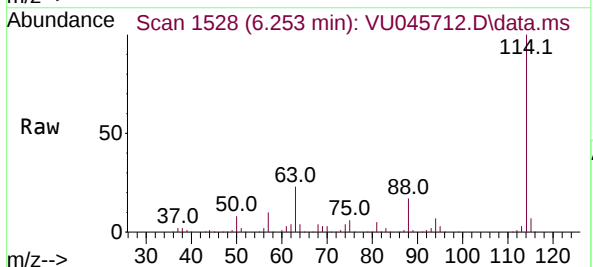
Instrument :
 MSVOA_U
 ClientSampleId :

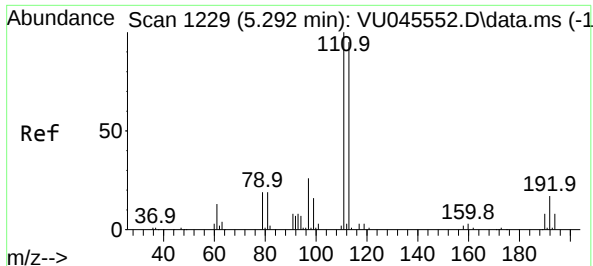
Tgt Ion: 65 Resp: 101669
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.253 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

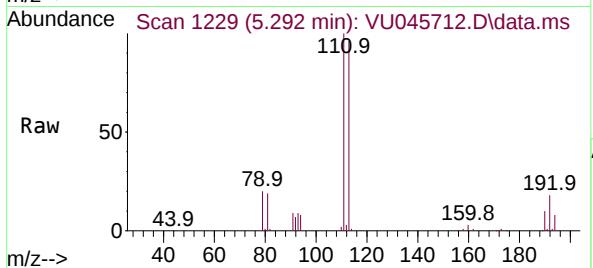
Tgt Ion:114 Resp: 229011
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 17.4 0.0 33.8



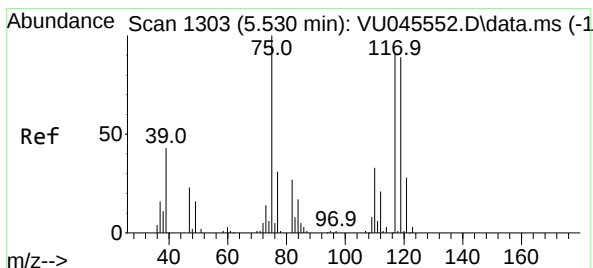
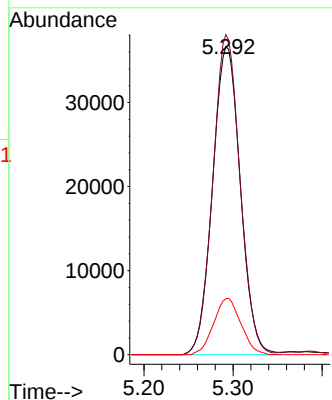
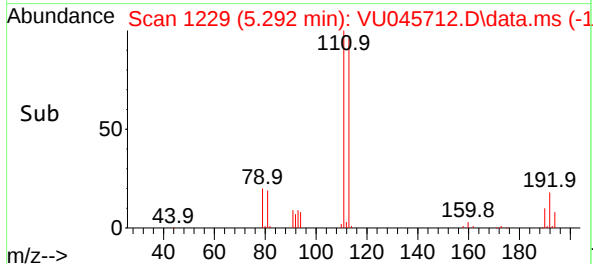


#35
Dibromofluoromethane
Concen: 51.840 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Instrument :
MSVOA_U
ClientSampleId :

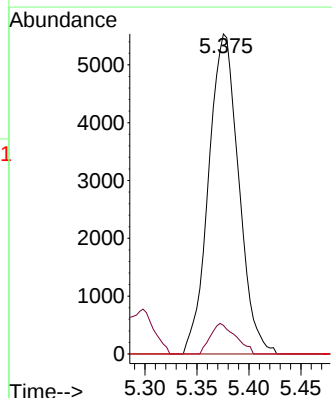
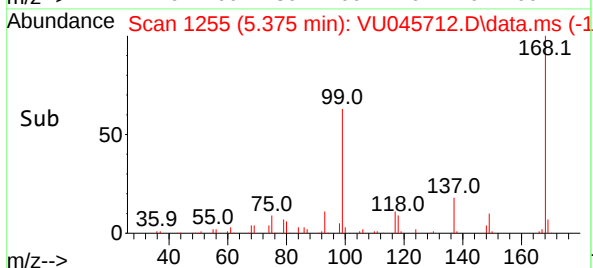
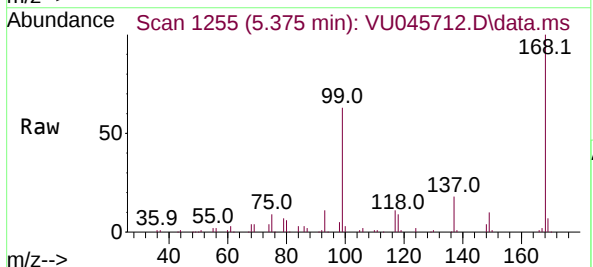


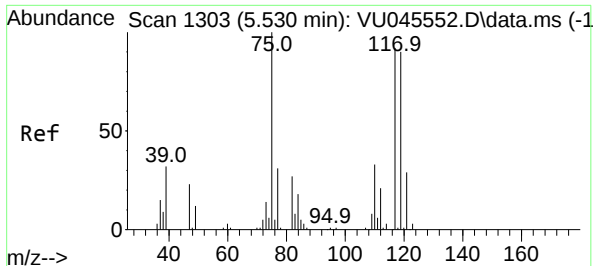
Tgt Ion:113 Resp: 79262
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

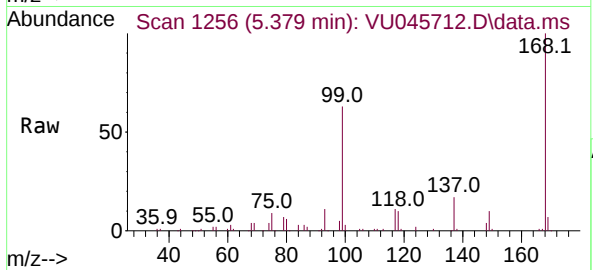
Tgt Ion: 75 Resp: 11150
Ion Ratio Lower Upper
75 100
110 8.0 16.7 50.0#
77 0.0 25.0 37.4#



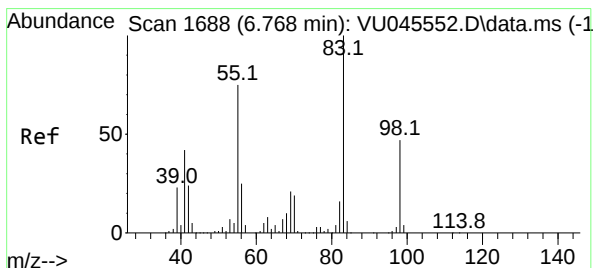
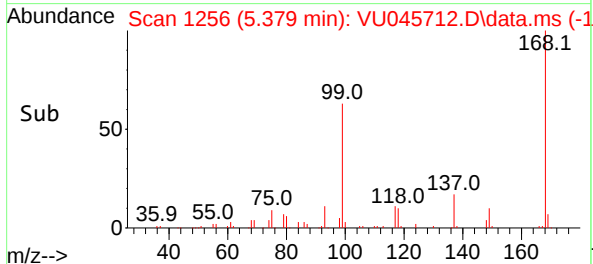
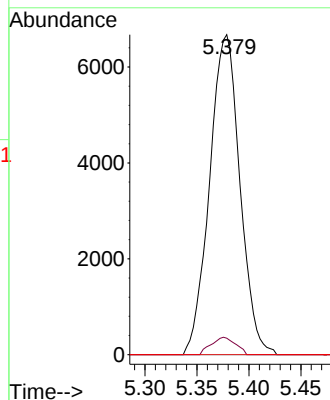


#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Instrument :
MSVOA_U
ClientSampleId :

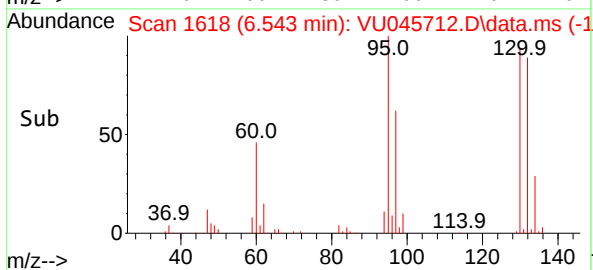
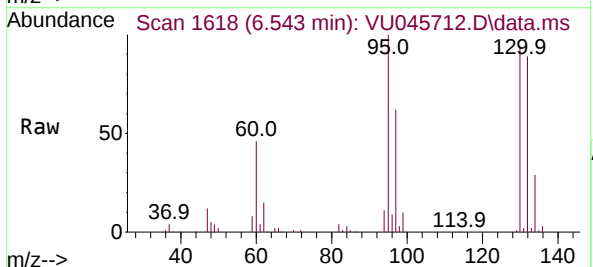
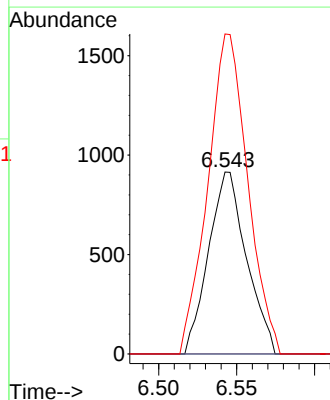


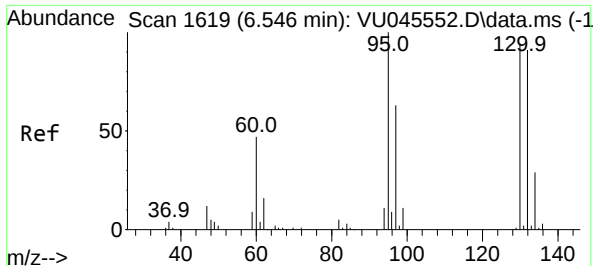
Tgt Ion:117 Resp: 13565
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.564 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.225 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Tgt Ion: 83 Resp: 1546
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 175.8 37.1 55.7#

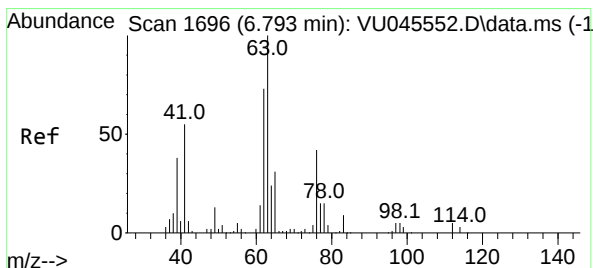
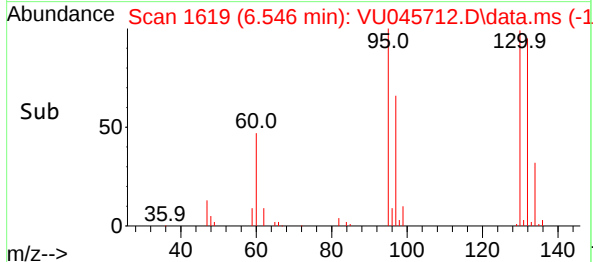
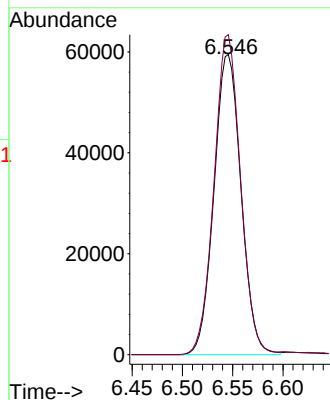
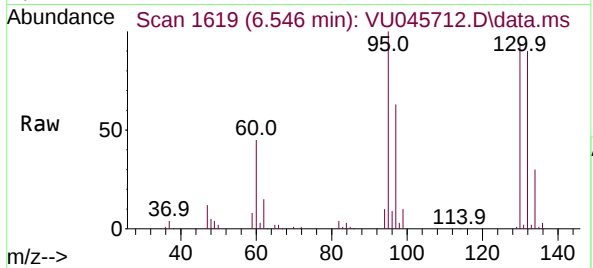




#44
Trichloroethene
Concen: 70.341 ug/l
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

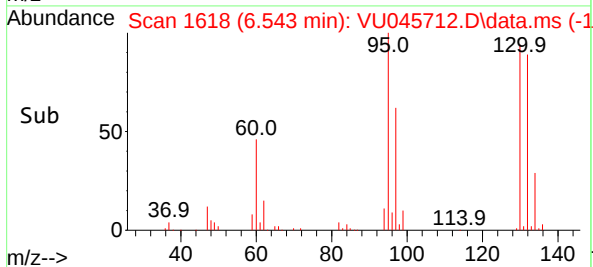
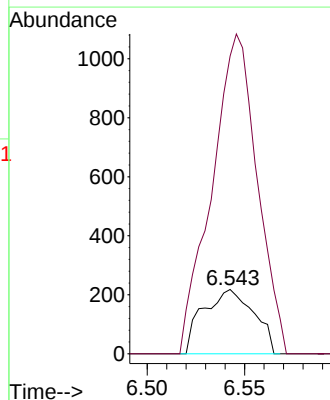
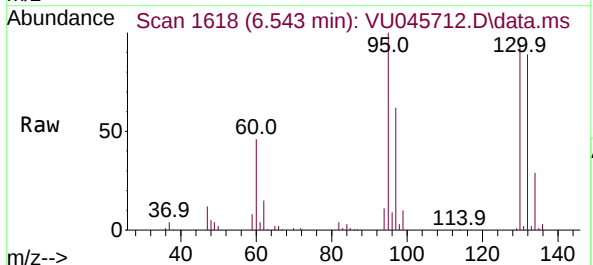
Instrument :
MSVOA_U
ClientSampleId :

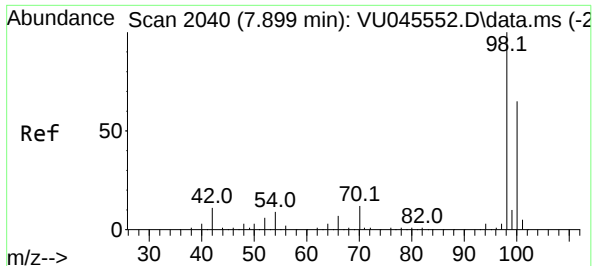
Tgt Ion:130 Resp: 111315
Ion Ratio Lower Upper
130 100
95 106.6 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.225 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.251 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Tgt Ion: 63 Resp: 394
Ion Ratio Lower Upper
63 100
65 462.8 25.7 38.5#

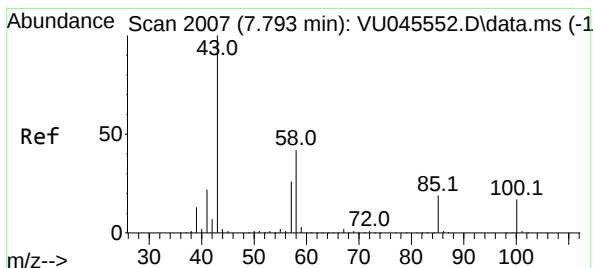
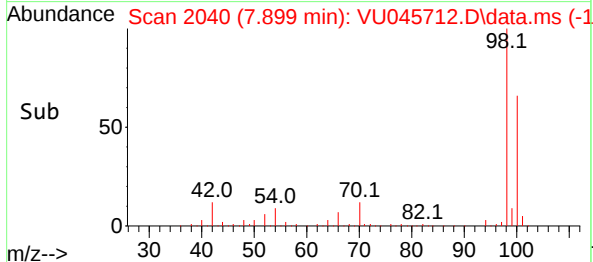
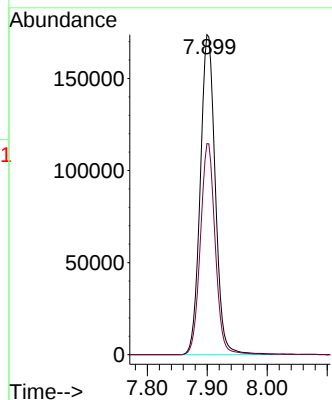
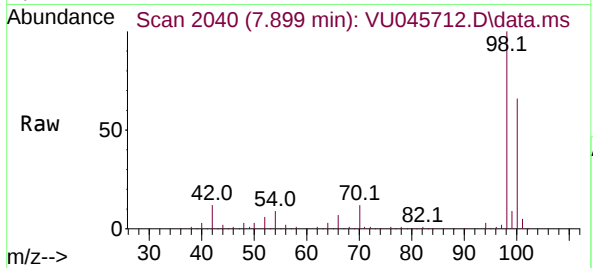




#50
Toluene-d8
Concen: 53.358 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

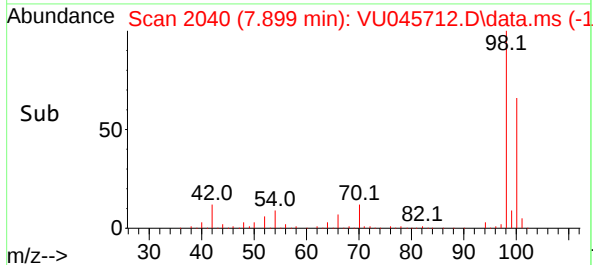
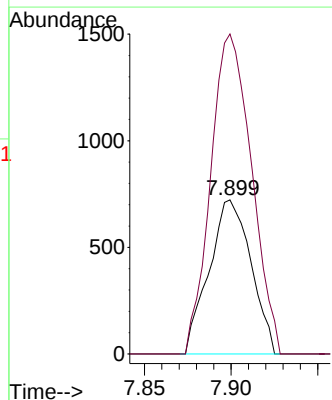
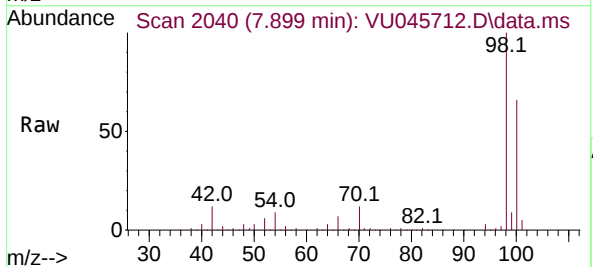
Instrument :
MSVOA_U
ClientSampleId :

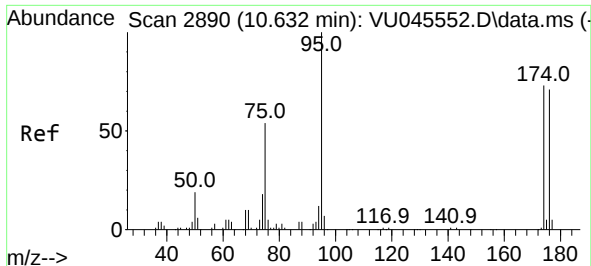
Tgt Ion: 98 Resp: 303369
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 202.6 33.8 50.8#

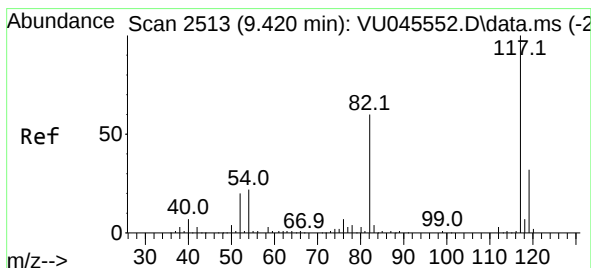
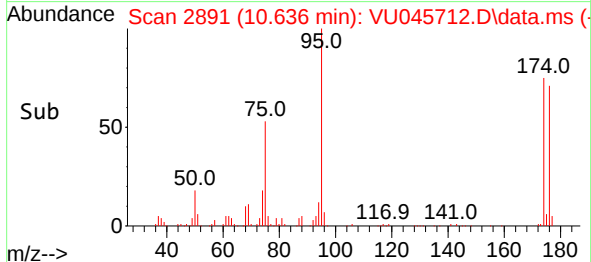
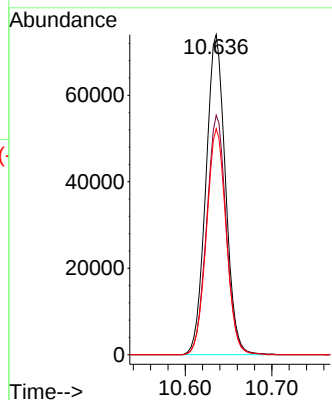
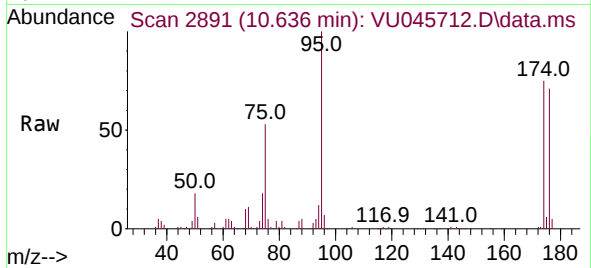




#62
4-Bromofluorobenzene
Concen: 50.953 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

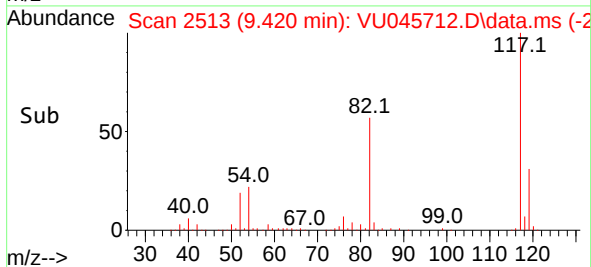
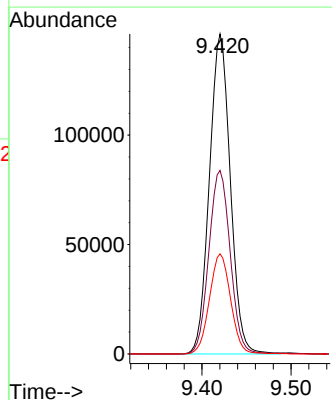
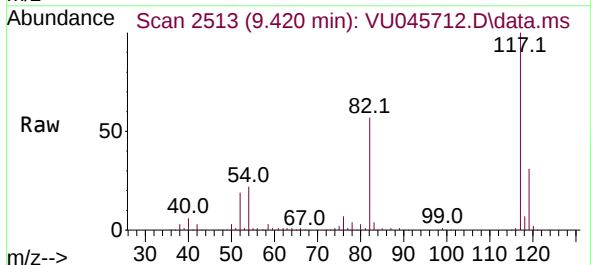
Instrument :
MSVOA_U
ClientSampleId :

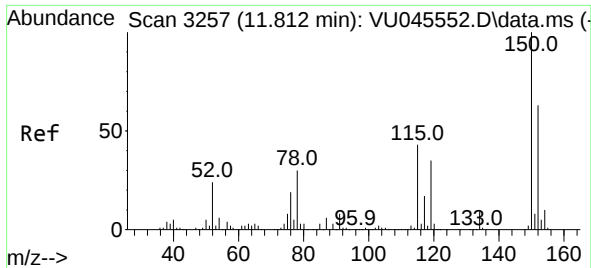
Tgt Ion: 95 Resp: 116167
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.8
176 71.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Tgt Ion: 117 Resp: 238511
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 31.3 25.8 38.8

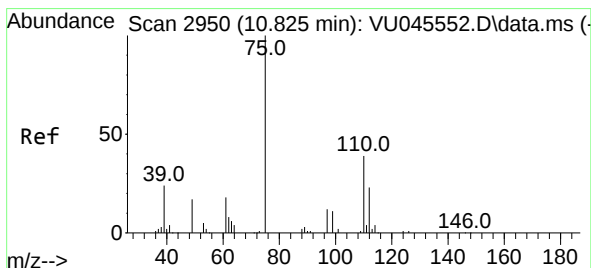
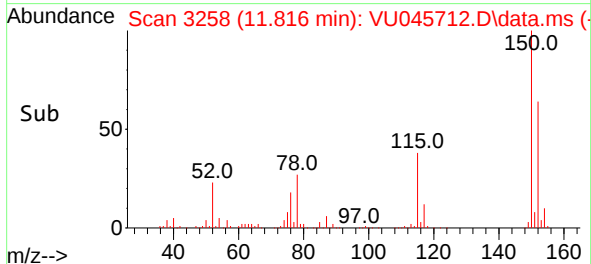
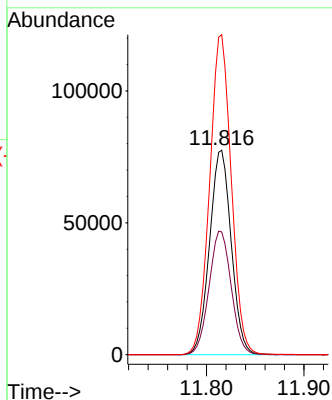
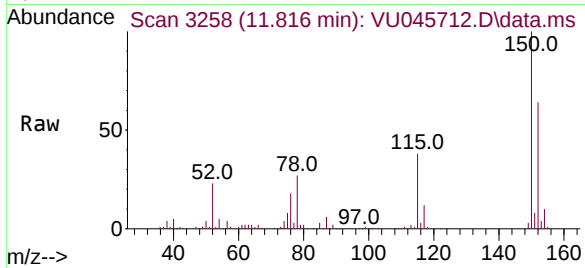




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

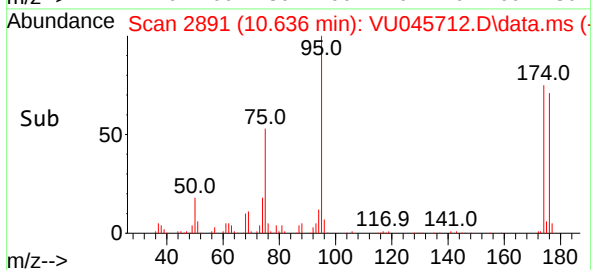
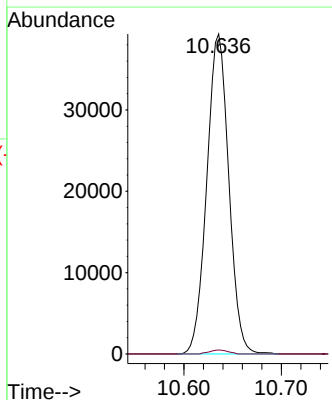
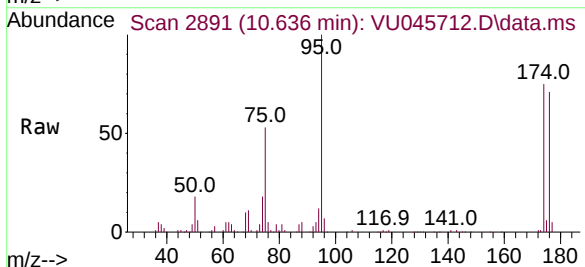
Instrument :
 MSVOA_U
 ClientSampleId :

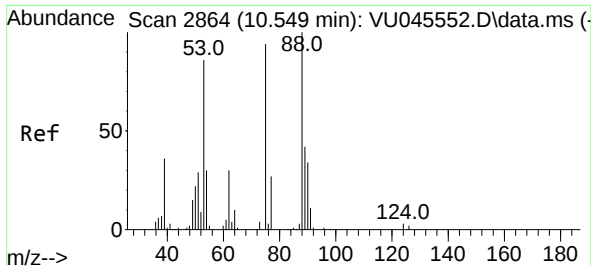
Tgt Ion:152 Resp: 119856
 Ion Ratio Lower Upper
 152 100
 115 61.6 42.7 128.1
 150 155.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.954 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045712.D
 Acq: 11 Nov 2021 01:22

Tgt Ion: 75 Resp: 61622
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#

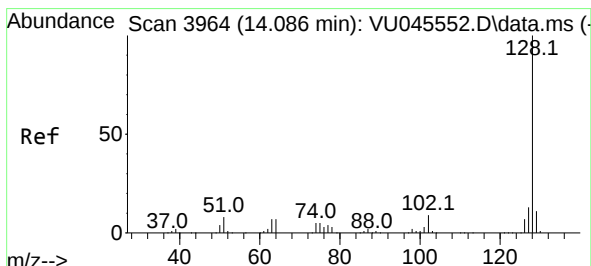
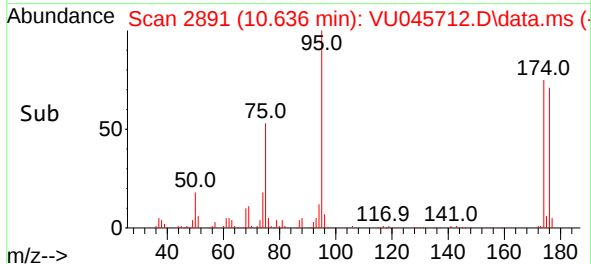
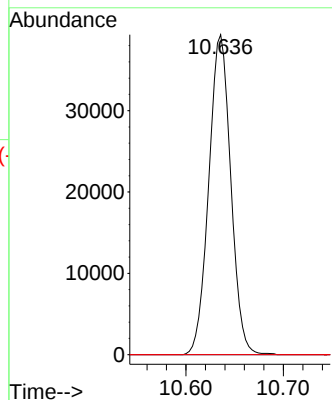
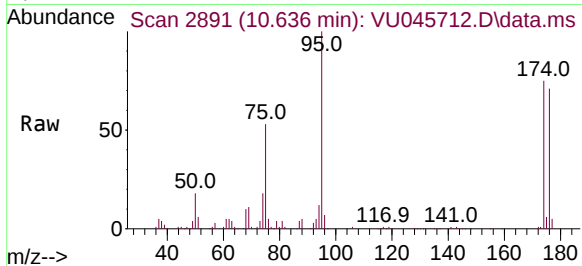




#81
trans-1,4-Dichloro-2-butene
Concen: 55.208 ug/l
RT: 10.636 min Scan# 2864
Delta R.T. 0.087 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 61622
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.071 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045712.D
Acq: 11 Nov 2021 01:22

Tgt Ion: 128 Resp: 419
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

