

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045738.D
 Acq On : 11 Nov 2021 15:04
 Operator : SY/MD
 Sample : M4606-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:09:16 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)

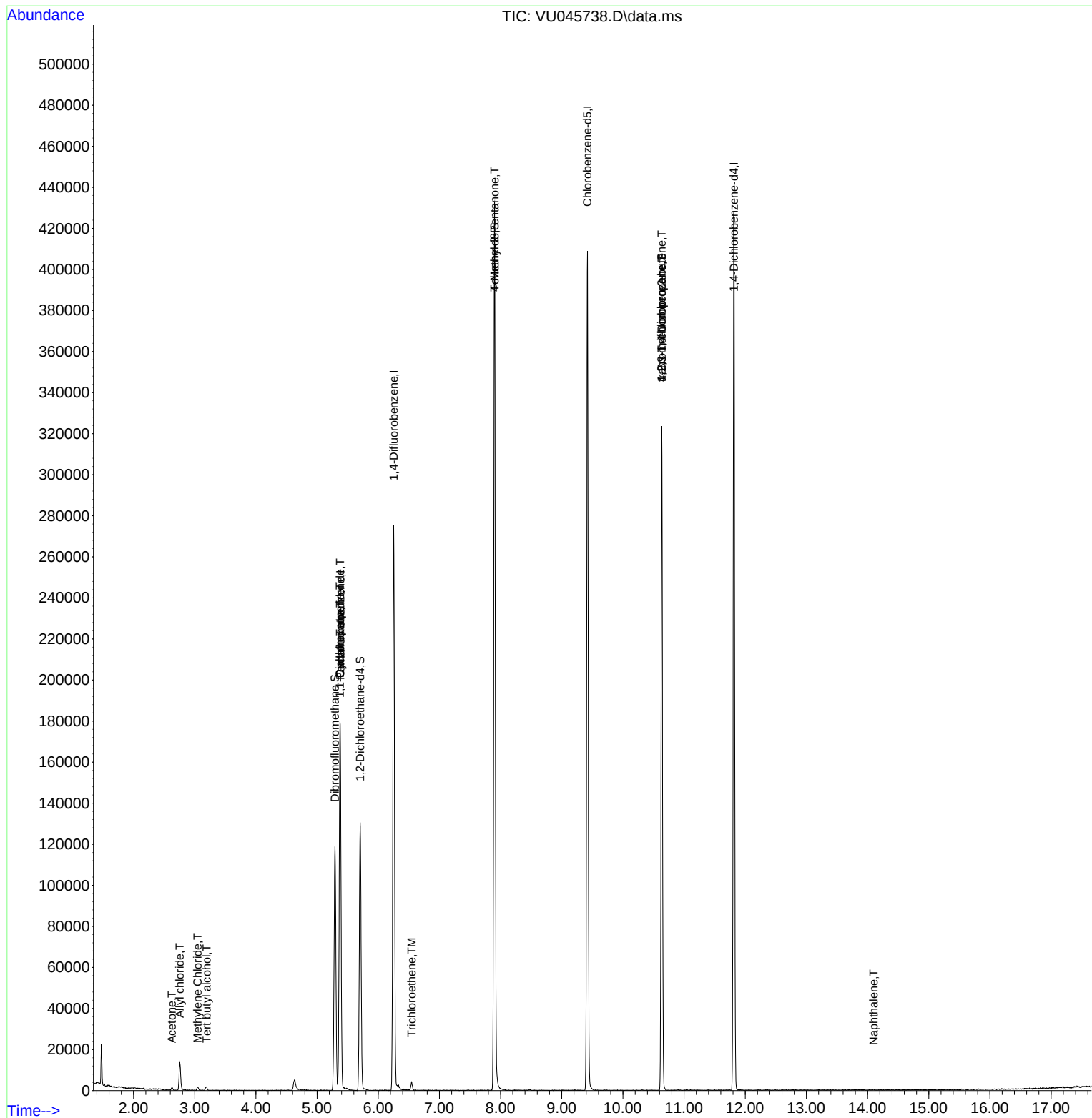
Internal Standards						
1) Pentafluorobenzene	5.378	168	117426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	217890	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	221835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	106988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	95896	54.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.060%	
35) Dibromofluoromethane	5.292	113	75305	51.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.540%	
50) Toluene-d8	7.902	98	288115	53.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	10.635	95	106794	49.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.195	59	1249	3.588	ug/l #	72
14) Allyl chloride	2.755	41	1249	0.541	ug/l #	59
16) Acetone	2.626	43	1484	1.658	ug/l #	76
20) Methylene Chloride	3.044	84	332	0.213	ug/l #	72
31) Cyclohexane	5.375	56	2593	1.011	ug/l #	7
36) 1,1-Dichloropropene	5.372	75	10659	5.017	ug/l #	49
38) Carbon Tetrachloride	5.375	117	13022	6.080	ug/l #	16
44) Trichloroethene	6.546	130	1361	0.904	ug/l	90
51) 4-Methyl-2-Pentanone	7.902	43	1079	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	55977	17.253	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	55977	56.129	ug/l #	12
95) Naphthalene	14.098	128	305	1.063	ug/l #	69

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

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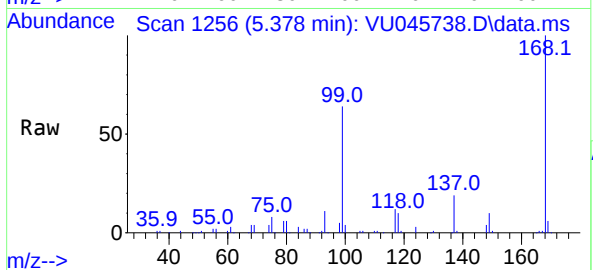
Quant Time: Nov 12 06:09:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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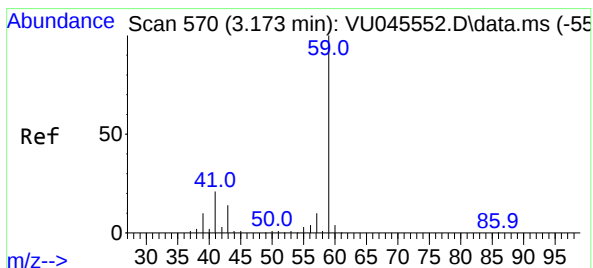
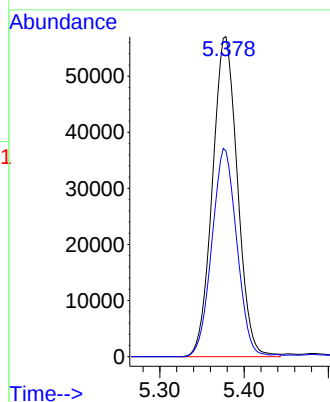
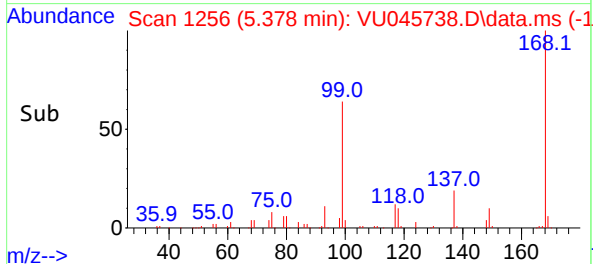


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :

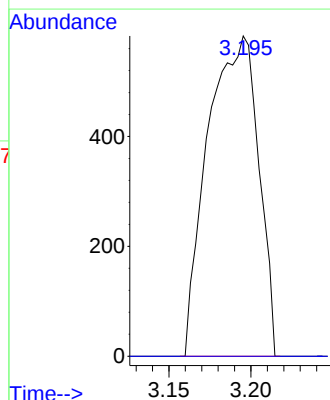
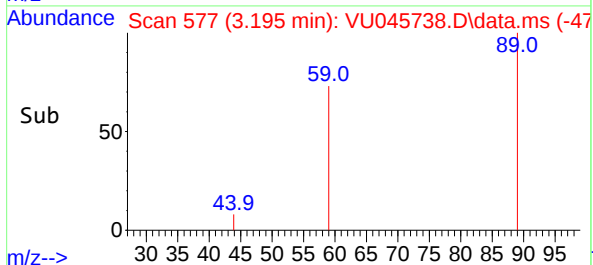
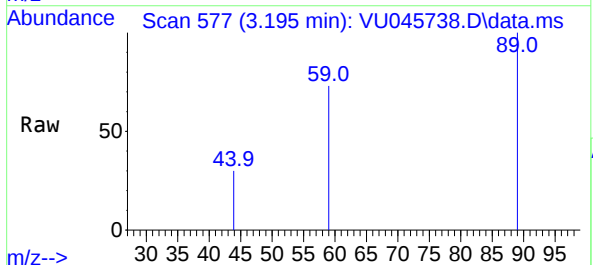


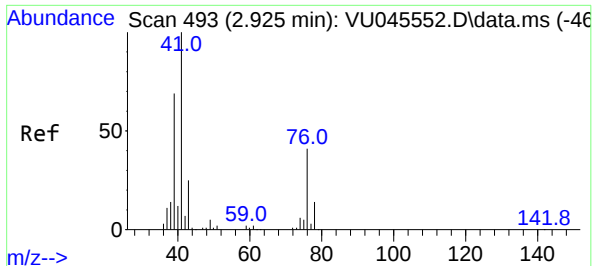
Tgt Ion:168 Resp: 117426
Ion Ratio Lower Upper
168 100
99 64.3 51.0 76.6



#11
Tert butyl alcohol
Concen: 3.588 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.022 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Tgt Ion: 59 Resp: 1249
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.541 ug/l

RT: 2.755 min Scan# 44

Delta R.T. -0.170 min

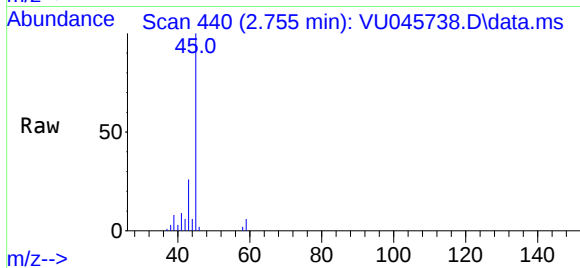
Lab File: VU045738.D

Acq: 11 Nov 2021 15:04

Instrument :

MSVOA_U

ClientSampleId :



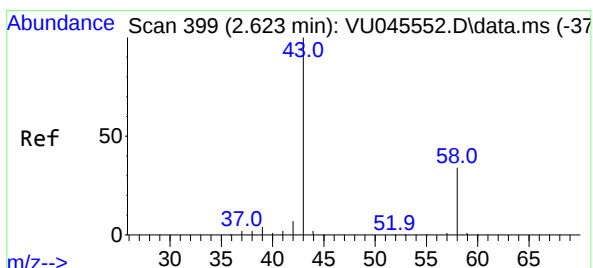
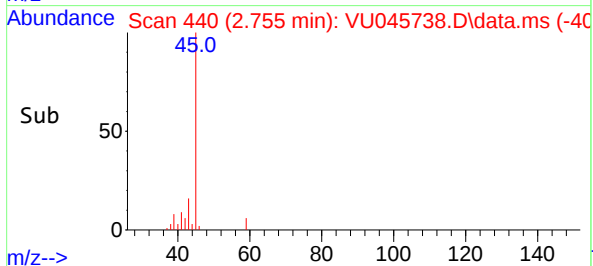
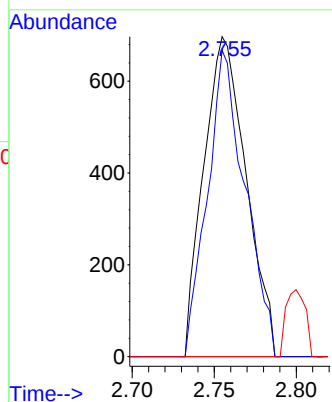
Tgt Ion: 41 Resp: 1249

Ion Ratio Lower Upper

41 100

39 85.2 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.658 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045738.D

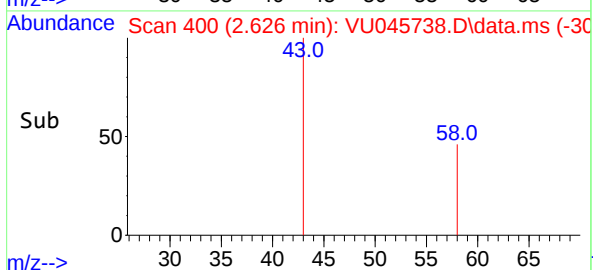
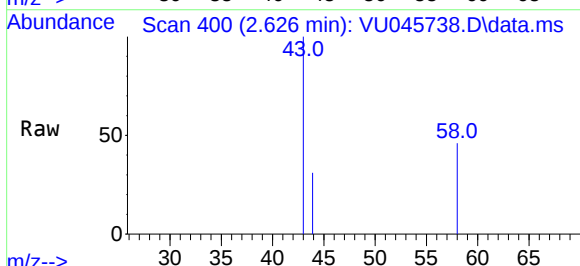
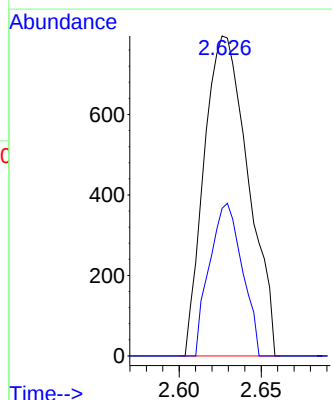
Acq: 11 Nov 2021 15:04

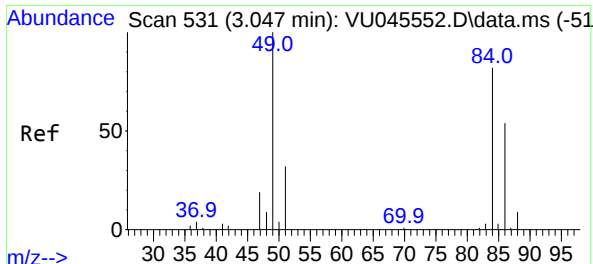
Tgt Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

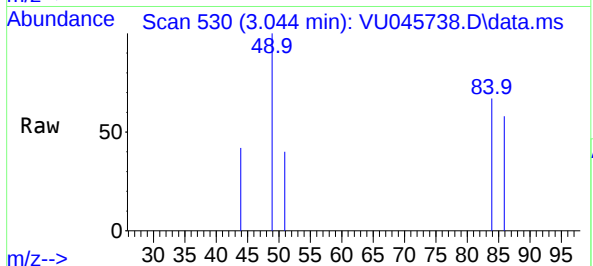
58 46.2 26.2 39.2#





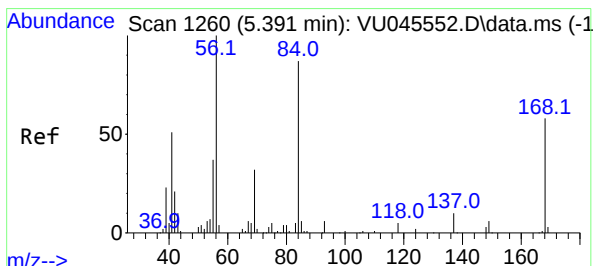
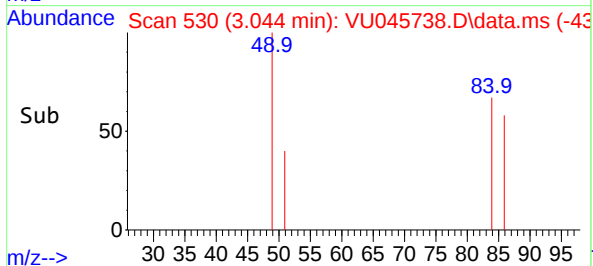
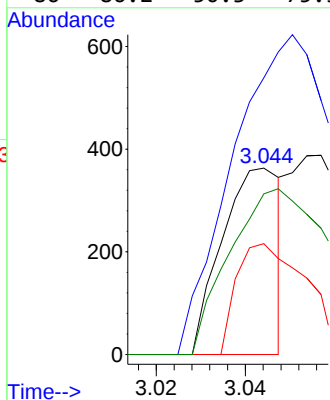
#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 332

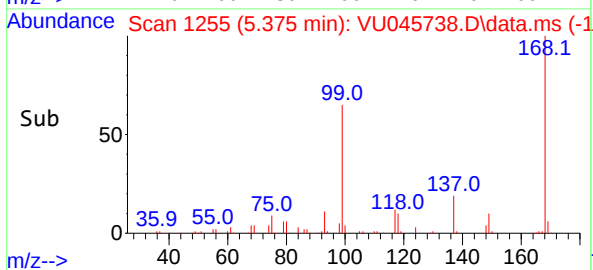
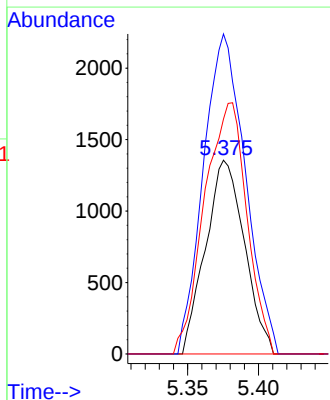
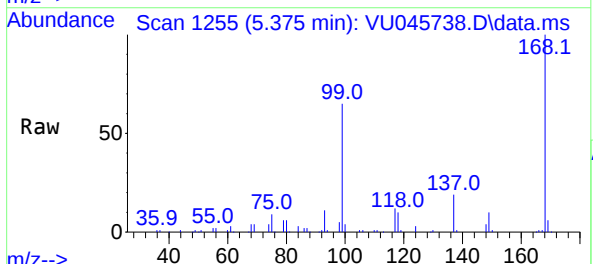
Ion	Ratio	Lower	Upper
84	100		
49	148.5	96.4	144.6#
51	59.5	30.5	45.7#
86	86.2	50.3	75.5#

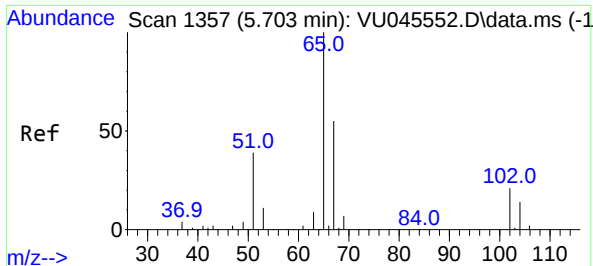


#31
Cyclohexane
Concen: 1.011 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Tgt Ion: 56 Resp: 2593

Ion	Ratio	Lower	Upper
56	100		
69	165.1	26.4	39.6#
84	121.2	68.4	102.6#

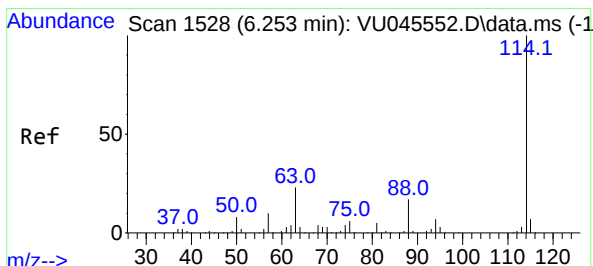
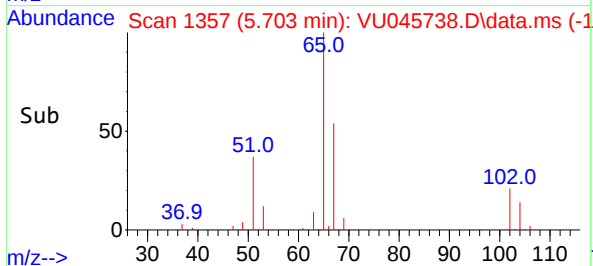
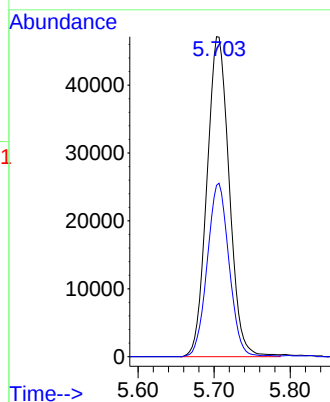
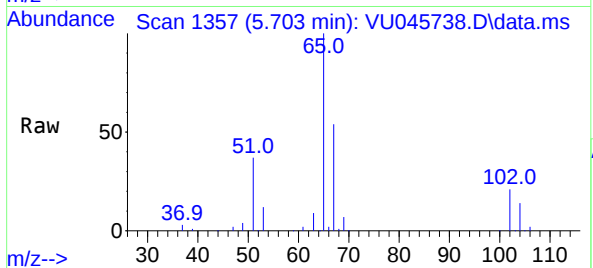




#33
1,2-Dichloroethane-d4
Concen: 54.530 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

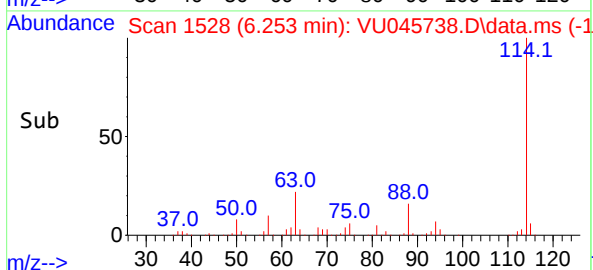
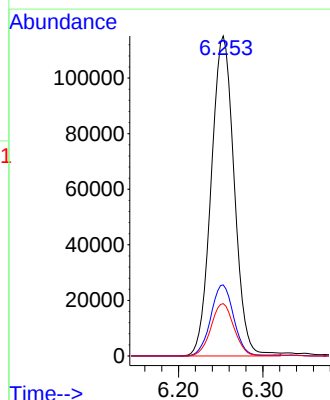
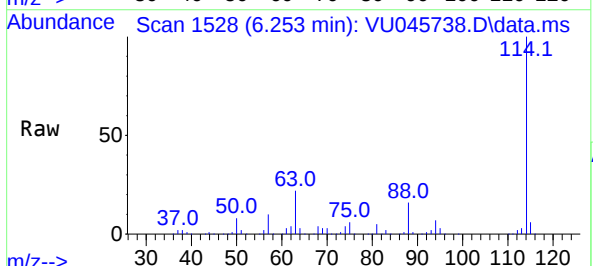
Instrument :
MSVOA_U
ClientSampleId :

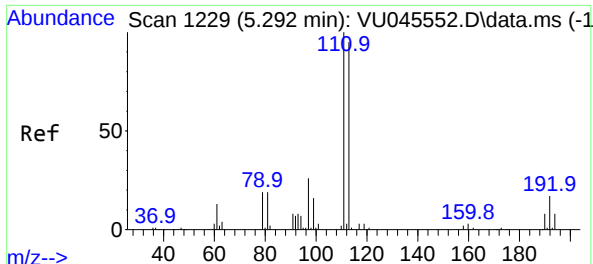
Tgt Ion: 65 Resp: 95896
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Tgt Ion: 114 Resp: 217890
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.765 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045738.D

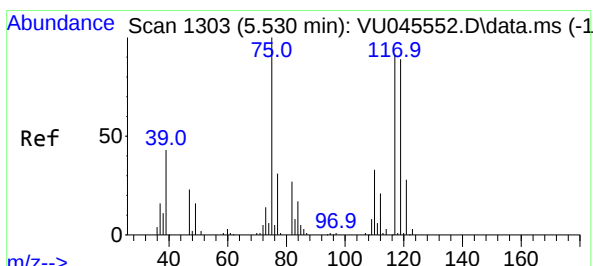
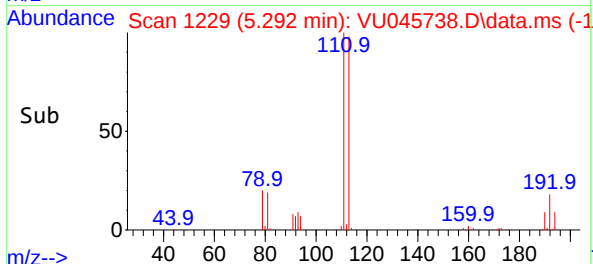
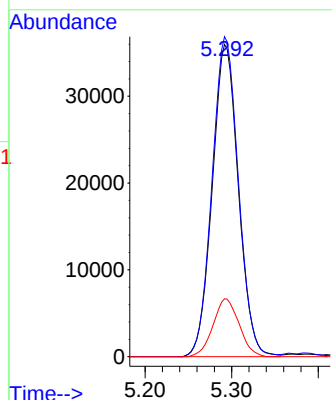
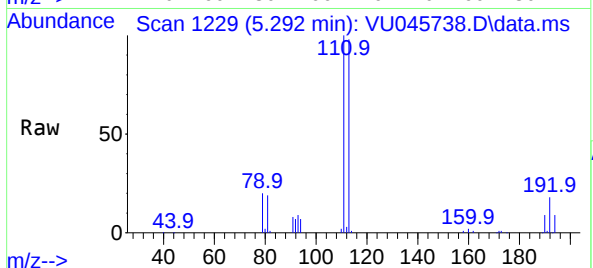
Acq: 11 Nov 2021 15:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	113	Resp:	75305
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	18.6	14.8	22.2



#36

1,1-Dichloropropene

Concen: 5.017 ug/l

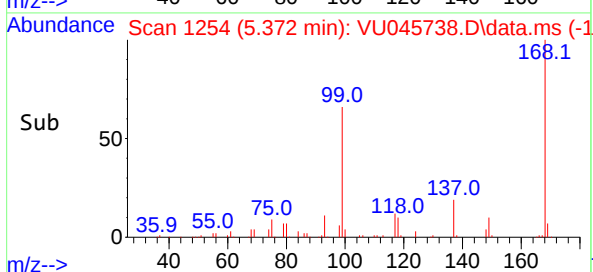
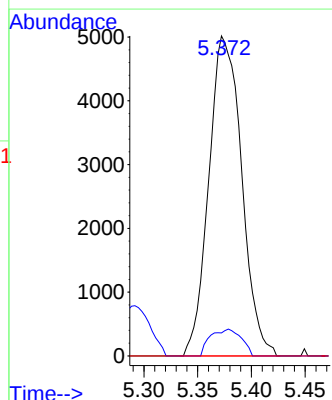
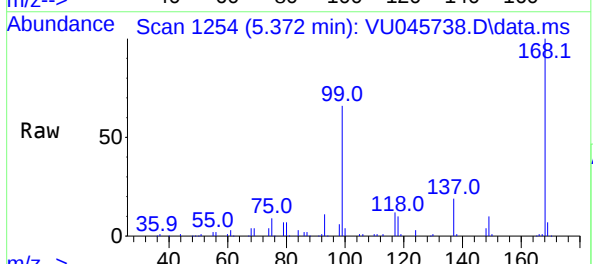
RT: 5.372 min Scan# 1254

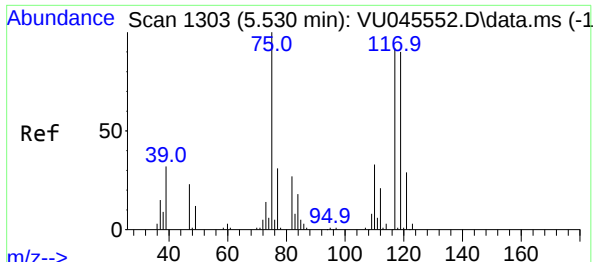
Delta R.T. -0.158 min

Lab File: VU045738.D

Acq: 11 Nov 2021 15:04

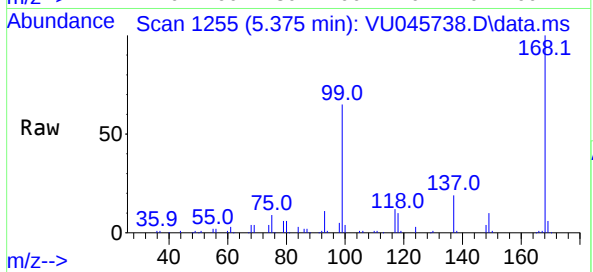
Tgt Ion:	75	Resp:	10659
Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.7	50.0#
77	0.0	25.0	37.4#



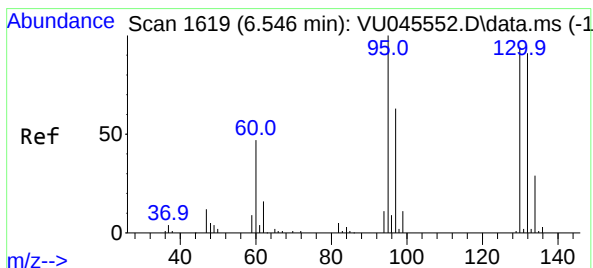
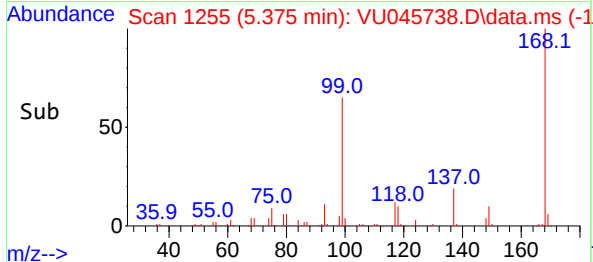
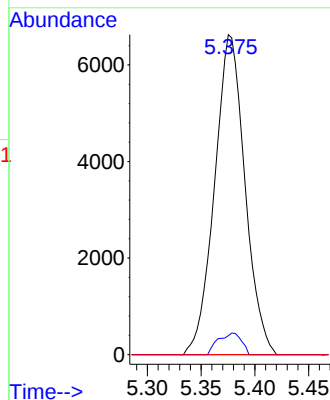


#38
Carbon Tetrachloride
Concen: 6.080 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Instrument :
MSVOA_U
ClientSampleId :

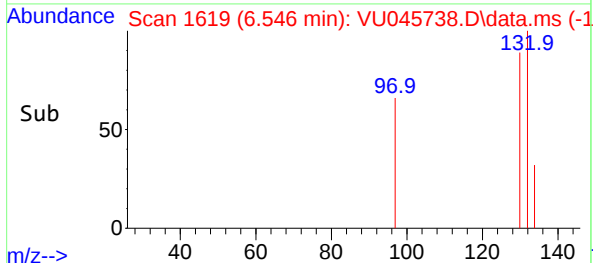
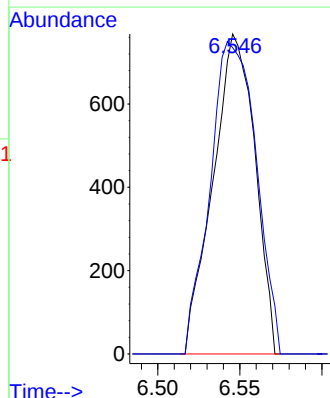
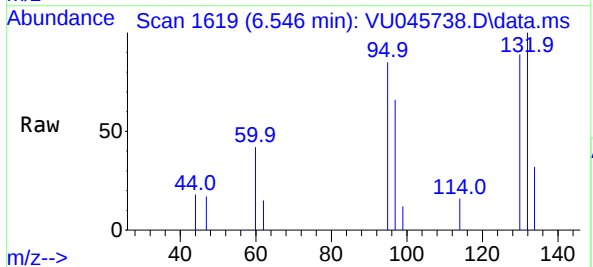


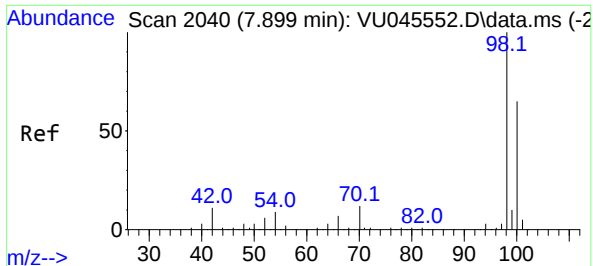
Tgt Ion:117 Resp: 13022
Ion Ratio Lower Upper
117 100
119 6.0 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.904 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Tgt Ion:130 Resp: 1361
Ion Ratio Lower Upper
130 100
95 95.7 0.0 211.4

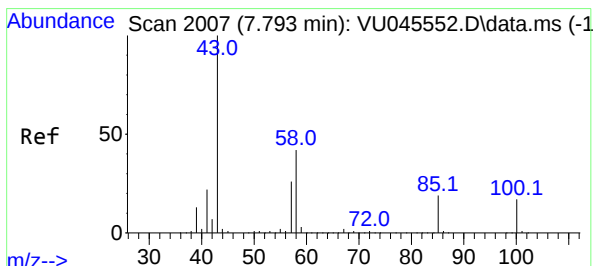
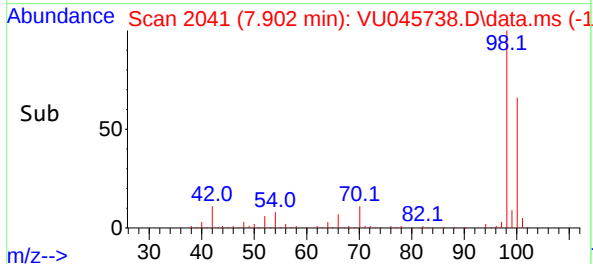
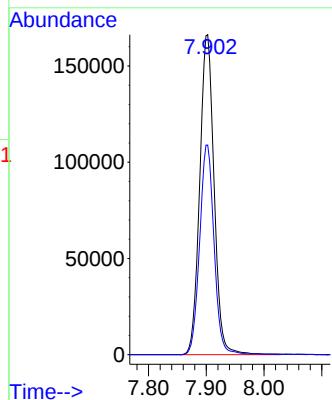
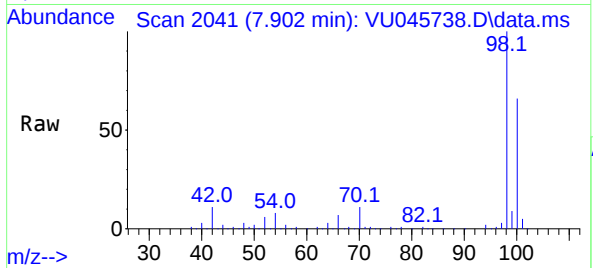




#50
Toluene-d8
Concen: 53.262 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

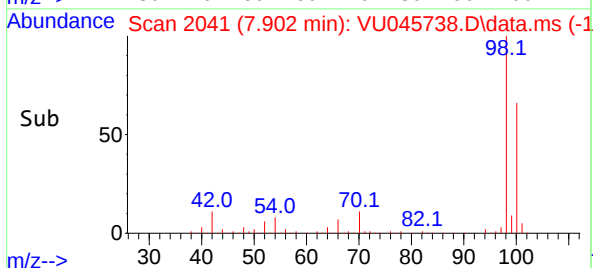
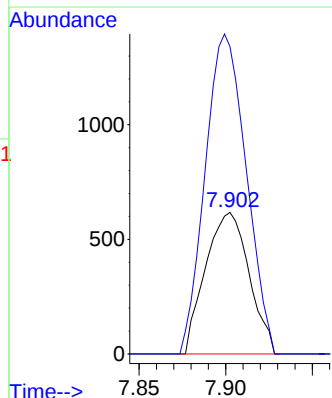
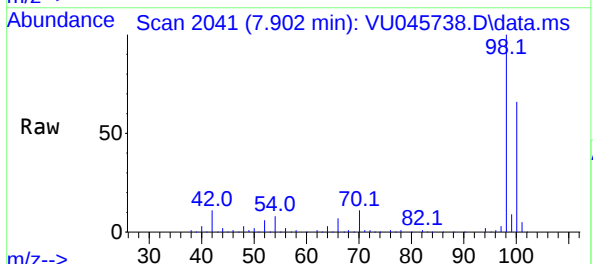
Instrument :
MSVOA_U
ClientSampleId :

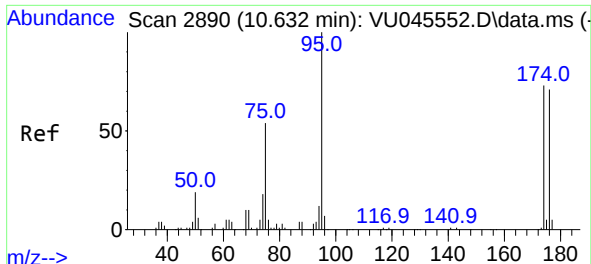
Tgt Ion: 98 Resp: 288115
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 212.8 33.8 50.8#

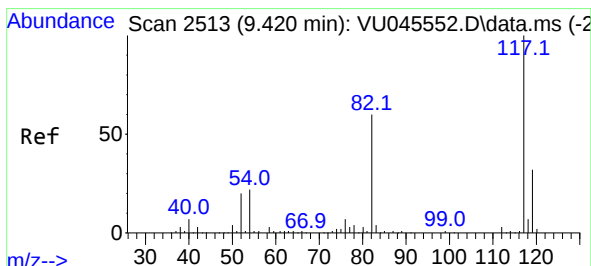
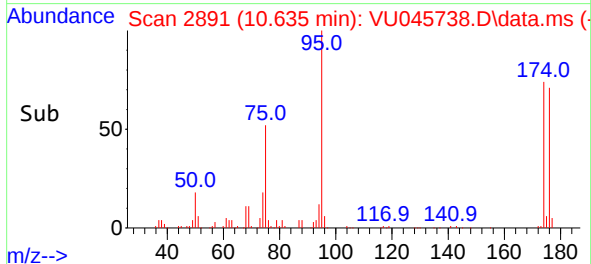
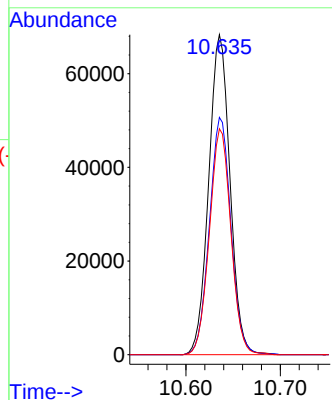
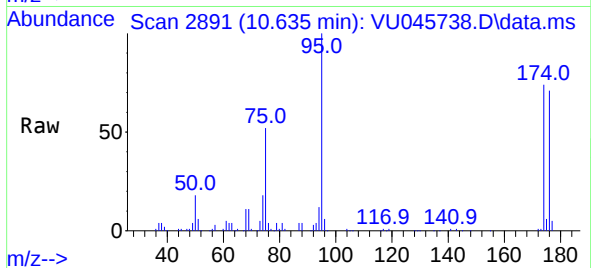




#62
4-Bromofluorobenzene
Concen: 49.233 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

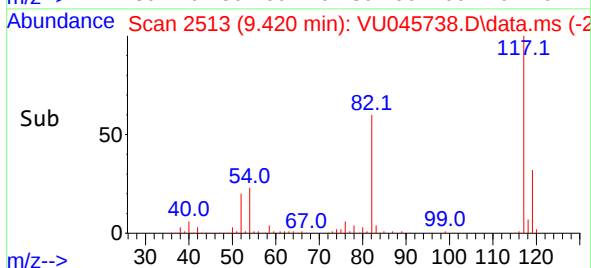
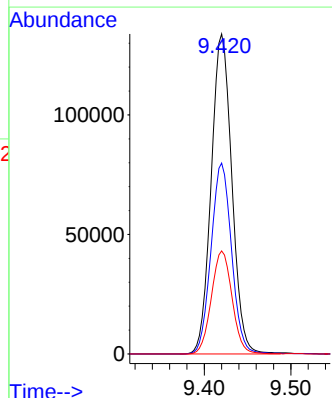
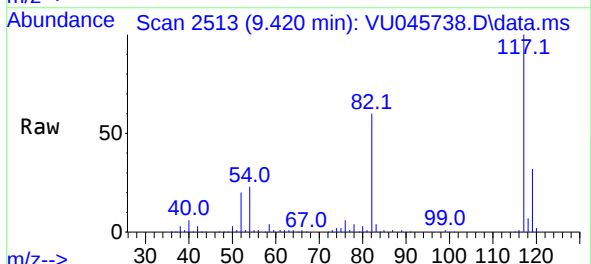
Instrument :
MSVOA_U
ClientSampleId :

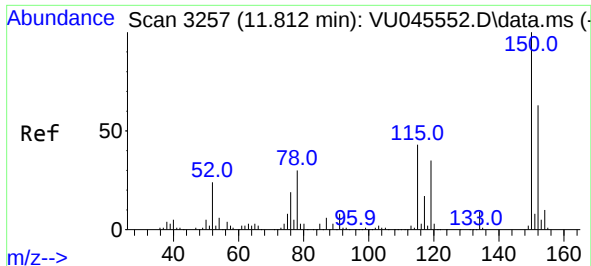
Tgt Ion: 95 Resp: 106794
Ion Ratio Lower Upper
95 100
174 75.3 0.0 141.8
176 71.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

Tgt Ion: 117 Resp: 221835
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.2 25.8 38.8

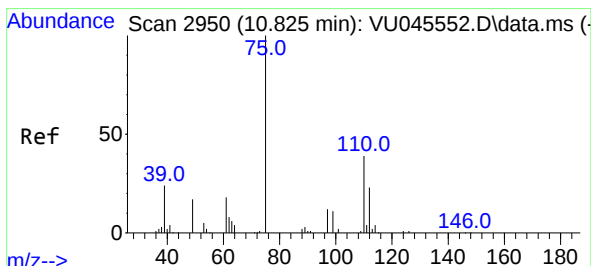
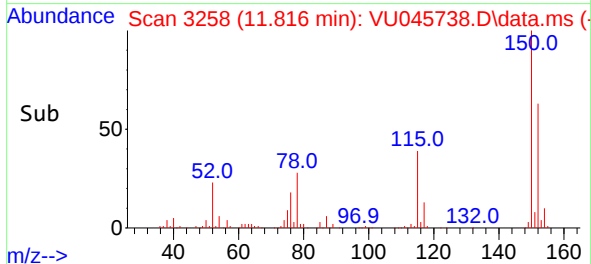
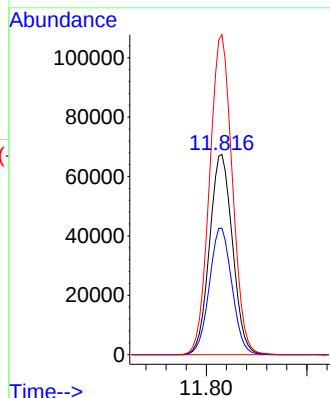
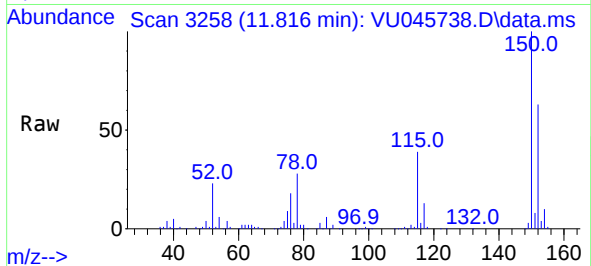




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

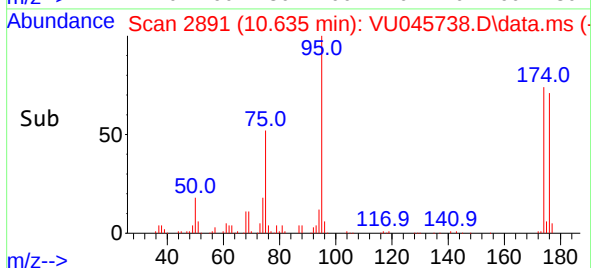
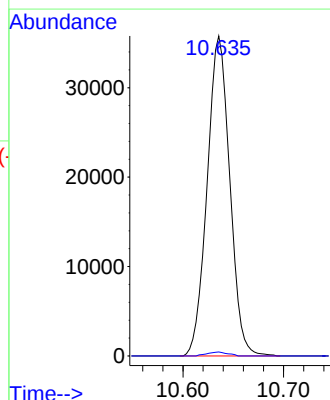
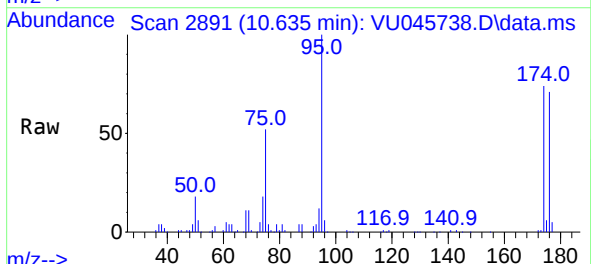
Instrument :
MSVOA_U
ClientSampleId :

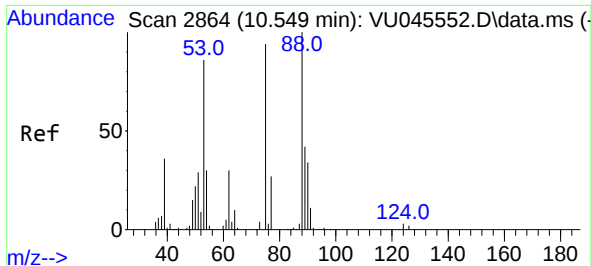
Tgt Ion:152 Resp: 106988
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 158.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.253 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

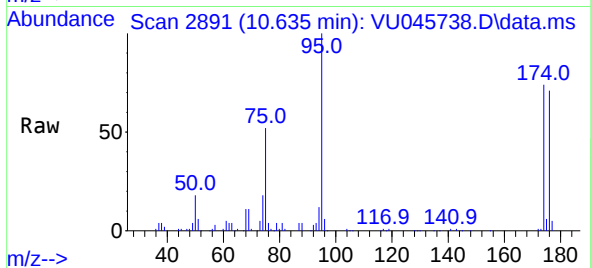
Tgt Ion: 75 Resp: 55977
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



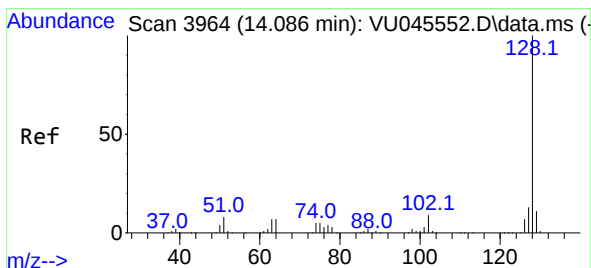
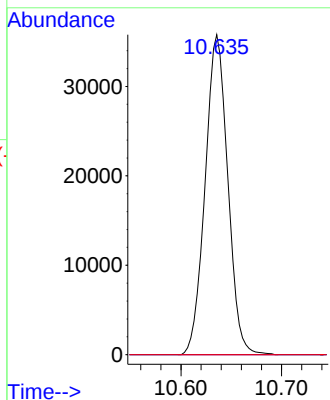
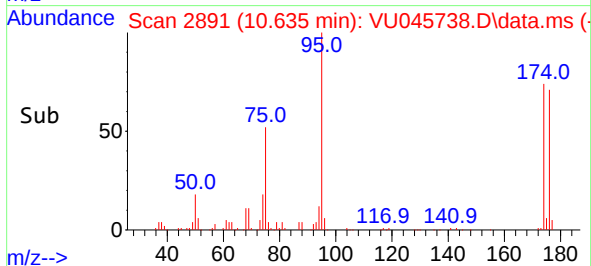


#81
trans-1,4-Dichloro-2-butene
Concen: 56.129 ug/l
RT: 10.635 min Scan# 2864
Delta R.T. 0.086 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04

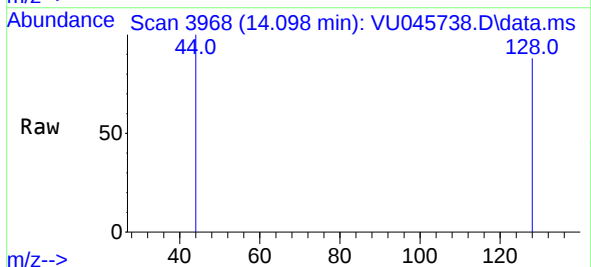
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 55977
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.063 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU045738.D
Acq: 11 Nov 2021 15:04



Tgt Ion: 128 Resp: 305
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

