

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045720.D
 Acq On : 11 Nov 2021 04:27
 Operator : SY/MD
 Sample : M4594-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 22BR-20211108

Quant Time: Nov 11 13:09:53 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)

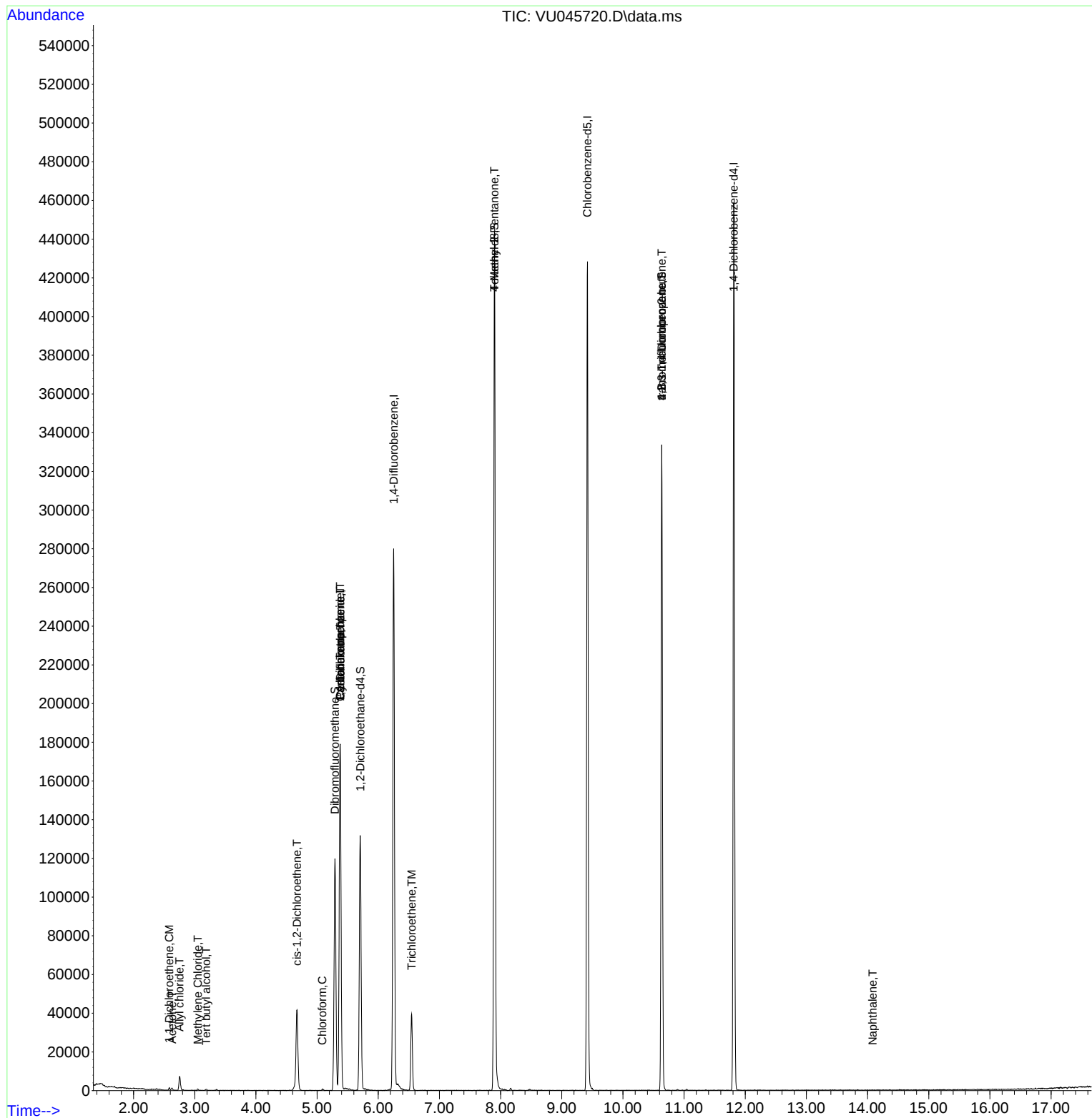
Internal Standards						
1) Pentafluorobenzene	5.378	168	119025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	221561	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	231185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	114554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	97235	54.549	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.100%	
35) Dibromofluoromethane	5.292	113	76731	51.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	7.899	98	293254	53.313	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	10.635	95	111477	50.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	158	0.448	ug/l #	72
12) 1,1-Dichloroethene	2.584	96	315	0.241	ug/l #	77
14) Allyl chloride	2.752	41	718	0.307	ug/l #	69
16) Acetone	2.629	43	1396	1.538	ug/l	97
20) Methylene Chloride	3.051	84	422	0.268	ug/l #	62
27) cis-1,2-Dichloroethene	4.671	96	21955	13.721	ug/l	88
30) Chloroform	5.086	83	592	0.219	ug/l	91
31) Cyclohexane	5.378	56	2618	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10676	4.942	ug/l #	49
38) Carbon Tetrachloride	5.375	117	13151	6.038	ug/l #	16
44) Trichloroethene	6.546	130	13001	8.492	ug/l	98
51) 4-Methyl-2-Pentanone	7.899	43	1140	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	58055	16.712	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	58055	54.462	ug/l #	12
95) Naphthalene	14.082	128	41	1.033	ug/l #	69

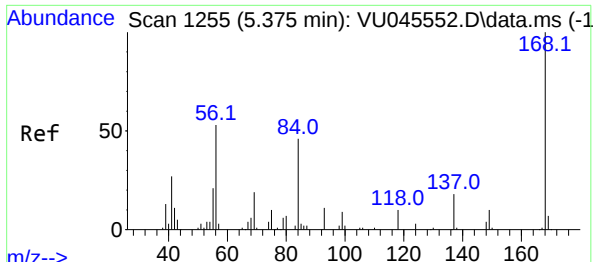
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
Data File : VU045720.D
Acq On : 11 Nov 2021 04:27
Operator : SY/MD
Sample : M4594-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

Quant Time: Nov 11 13:09:53 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

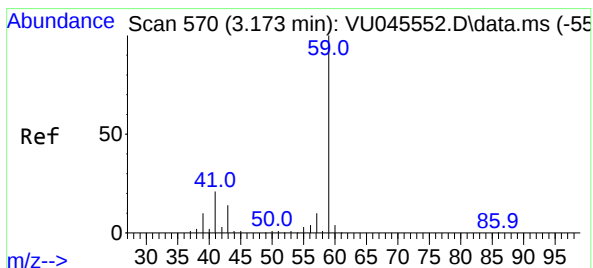
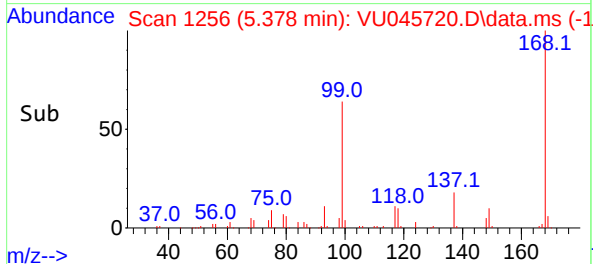
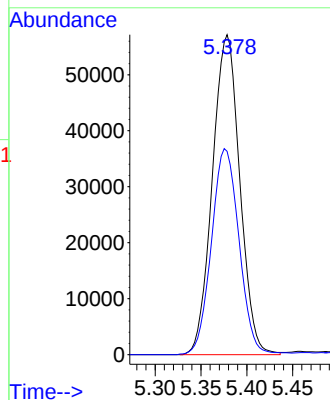
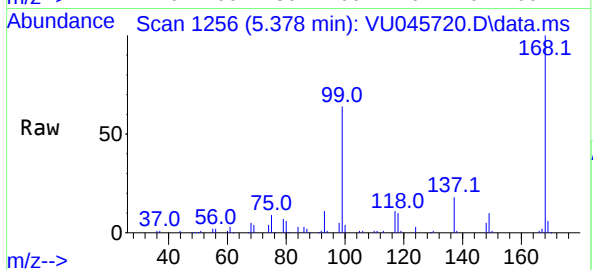




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

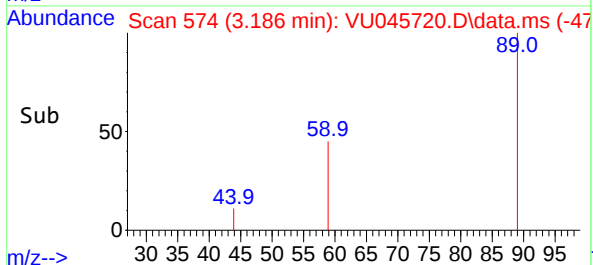
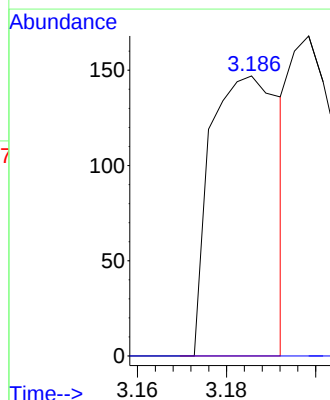
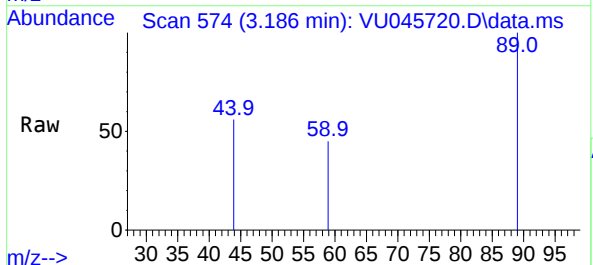
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

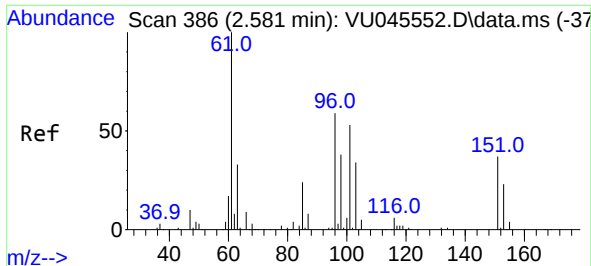
Tgt Ion:168 Resp: 119025
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.448 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

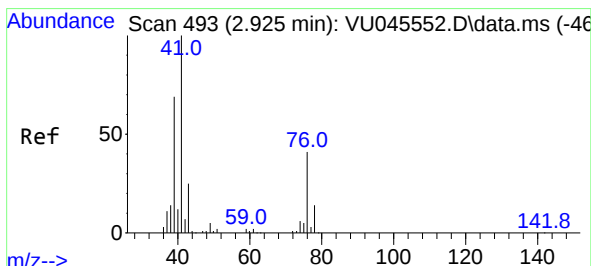
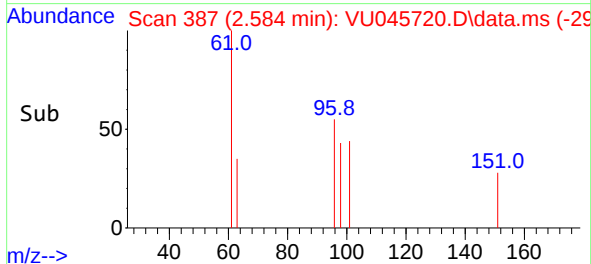
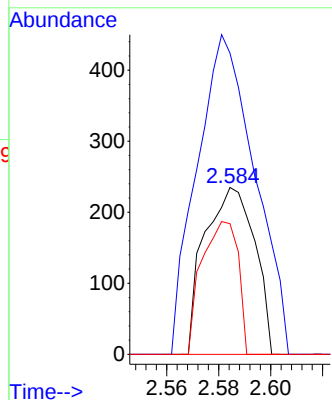
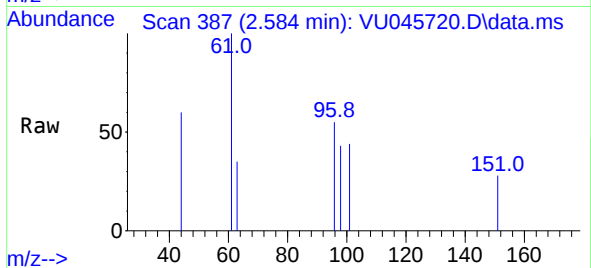




#12
1,1-Dichloroethene
Concen: 0.241 ug/l
RT: 2.584 min Scan# 315
Delta R.T. 0.003 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

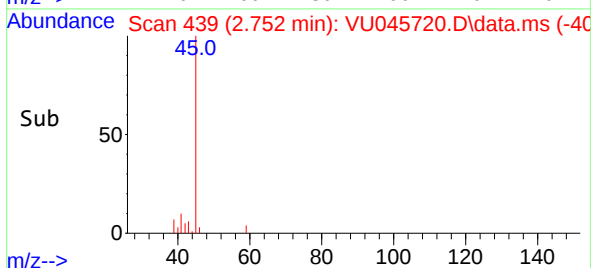
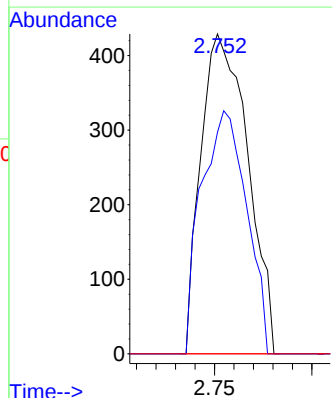
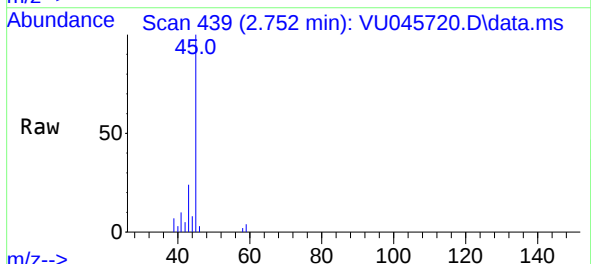
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

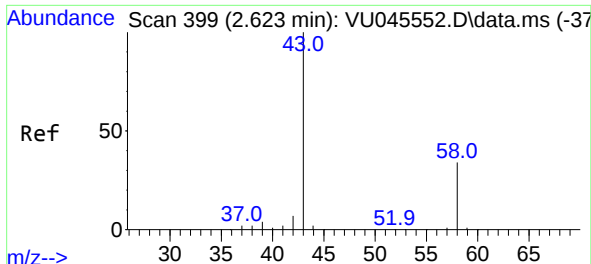
Tgt Ion: 96 Resp: 315
Ion Ratio Lower Upper
96 100
61 136.2 137.1 205.7#
98 78.3 51.5 77.3#



#14
Allyl chloride
Concen: 0.307 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.174 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 41 Resp: 718
Ion Ratio Lower Upper
41 100
39 73.3 49.7 74.5
76 0.0 27.7 41.5#

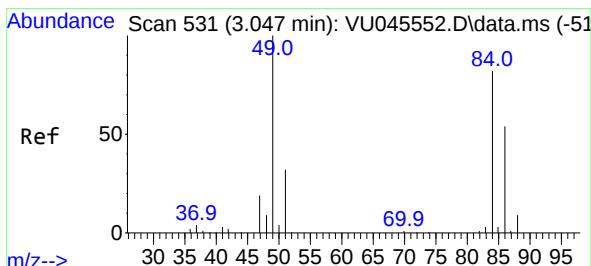
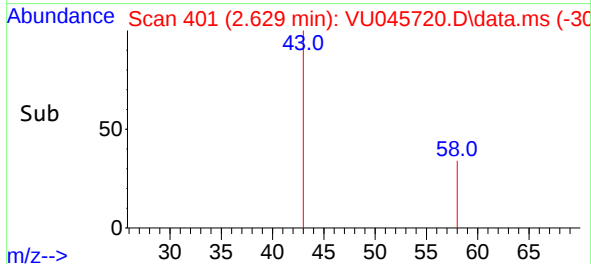
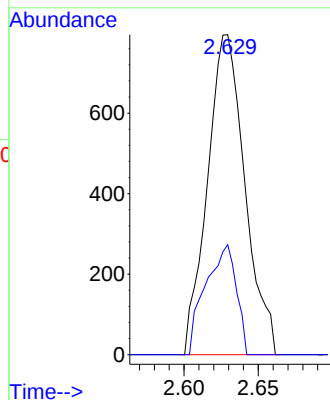
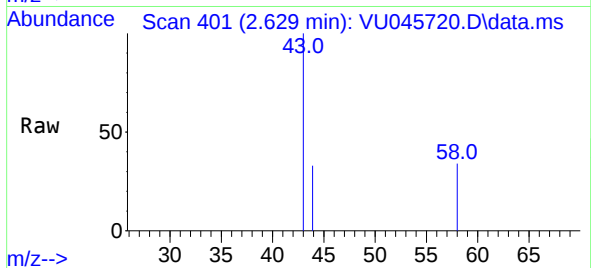




#16
Acetone
Concen: 1.538 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

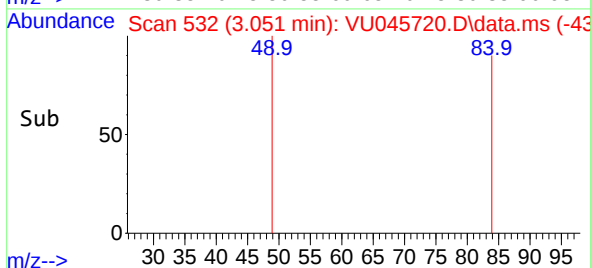
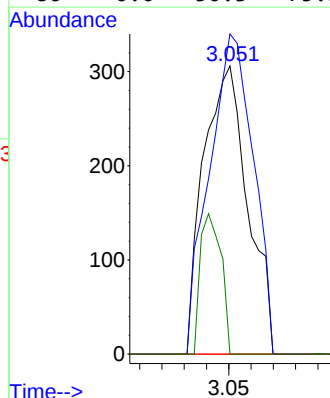
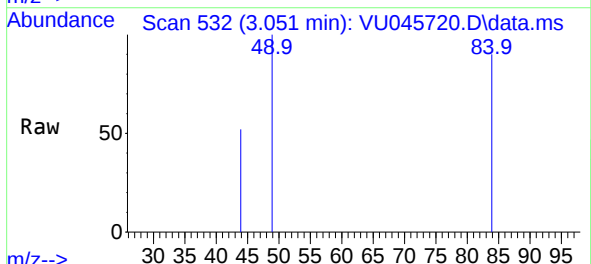
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

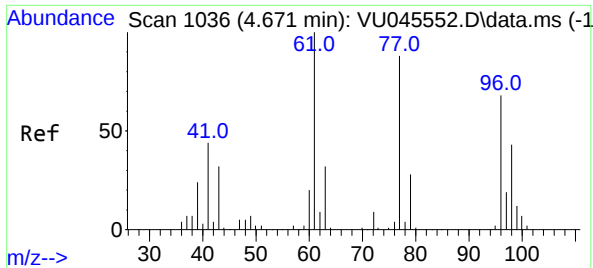
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 34.3 26.2 39.2



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 84 Resp: 422
Ion Ratio Lower Upper
84 100
49 111.1 96.4 144.6
51 0.0 30.5 45.7#
86 0.0 50.3 75.5#



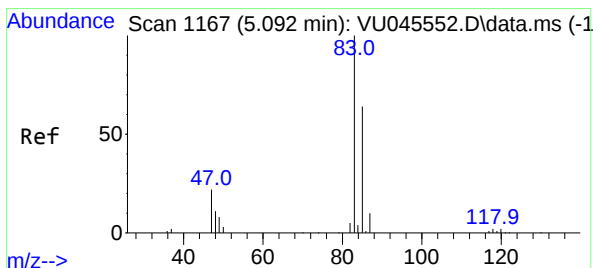
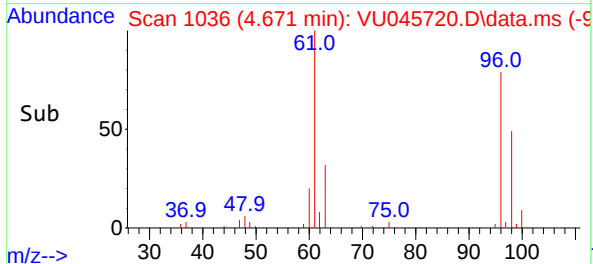
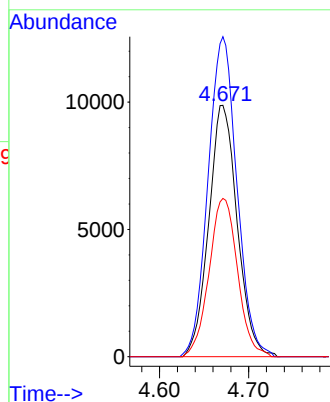
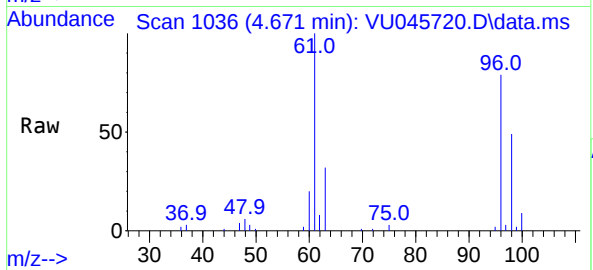


#27
cis-1,2-Dichloroethene
Concen: 13.721 ug/l
RT: 4.671 min Scan# 110
Delta R.T. -0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

Tgt Ion: 96 Resp: 21955

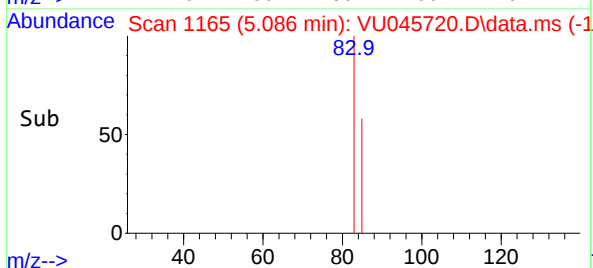
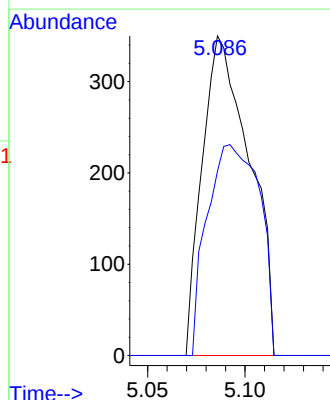
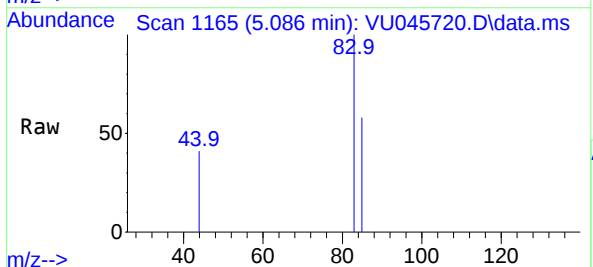
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	299.2
98	63.0	0.0	127.6

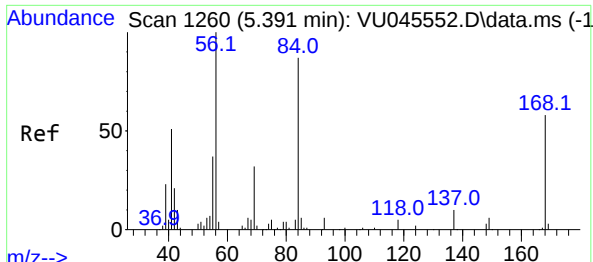


#30
Chloroform
Concen: 0.219 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 83 Resp: 592

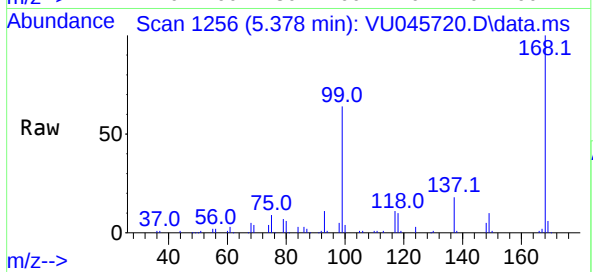
Ion	Ratio	Lower	Upper
83	100		
85	57.7	52.0	78.0



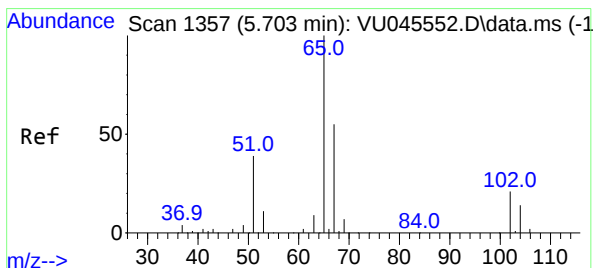
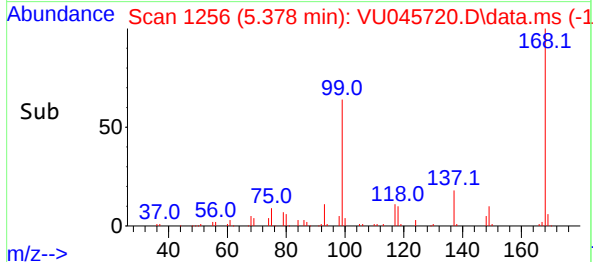
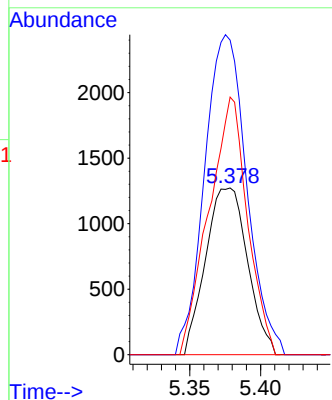


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

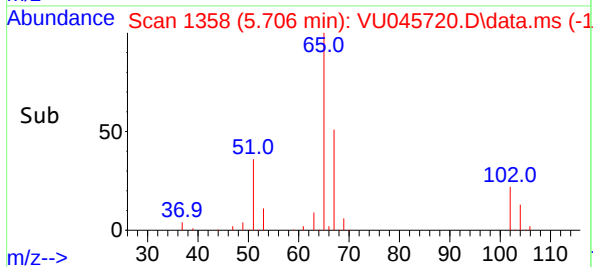
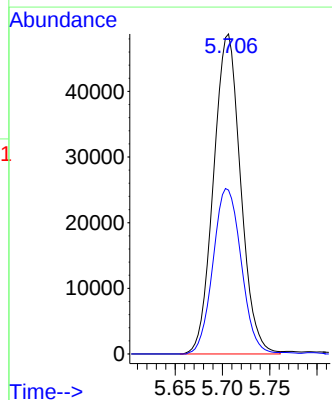
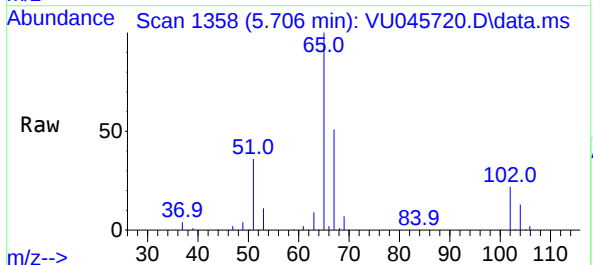


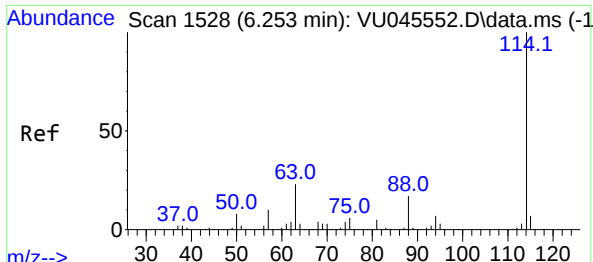
Tgt Ion: 56 Resp: 2618
Ion Ratio Lower Upper
56 100
69 180.0 26.4 39.6#
84 154.6 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.549 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 65 Resp: 97235
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

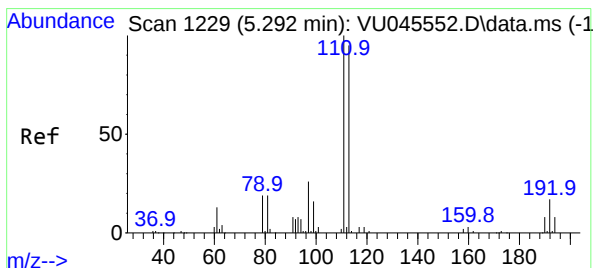
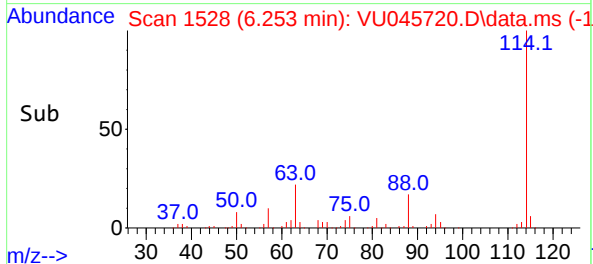
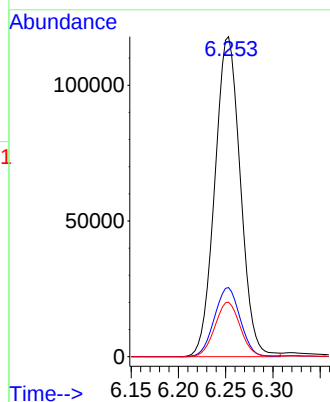
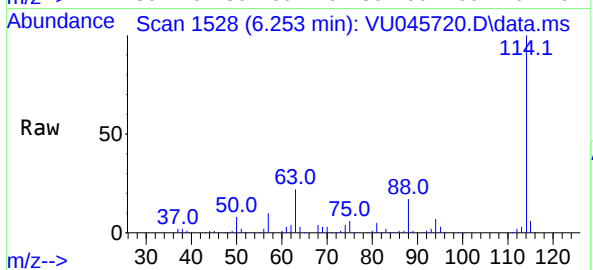




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

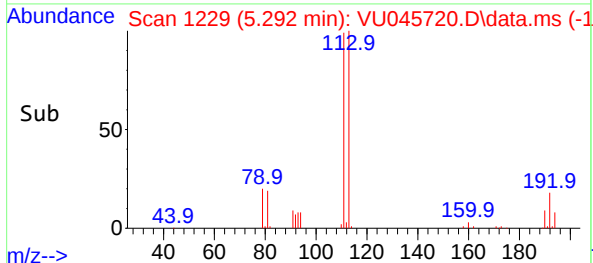
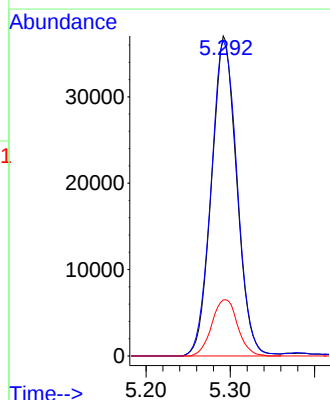
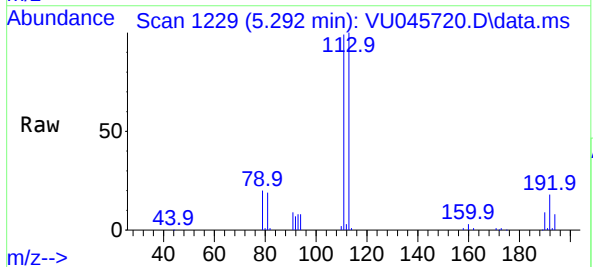
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

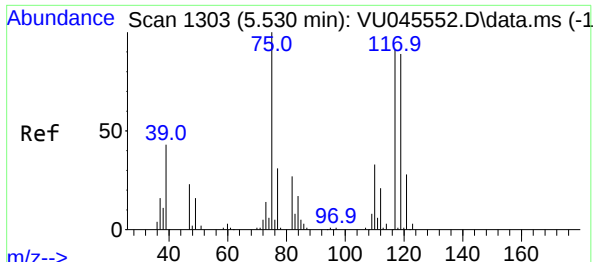
Tgt Ion:114 Resp: 221561
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.6
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.872 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion:113 Resp: 76731
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.1 14.8 22.2

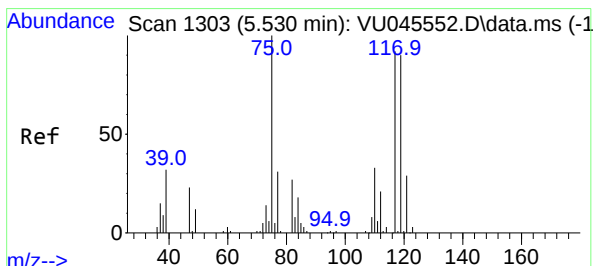
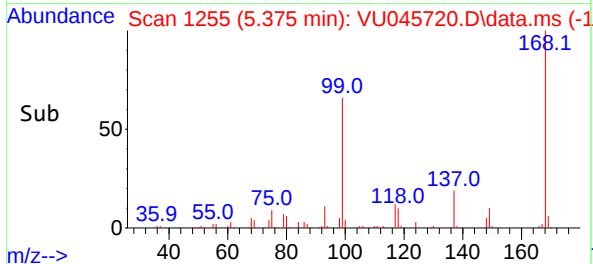
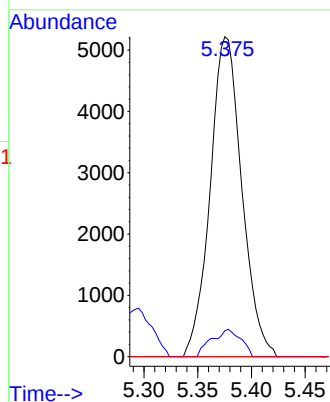
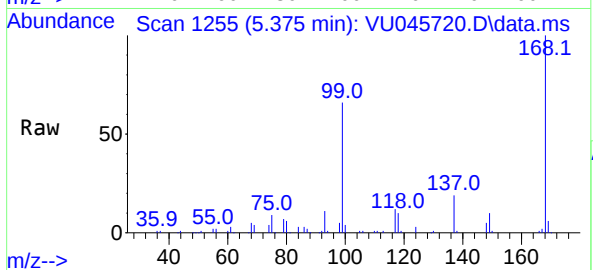




#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

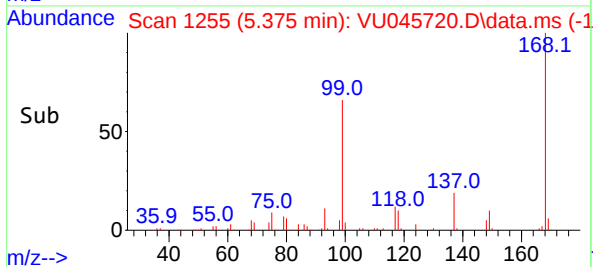
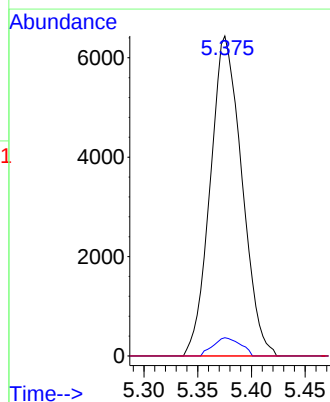
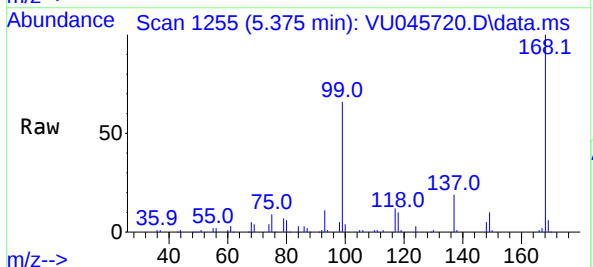
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

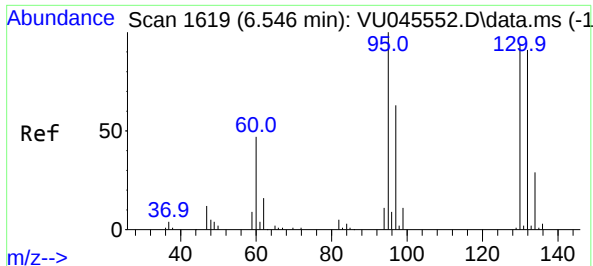
Tgt Ion: 75 Resp: 10676
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 117 Resp: 13151
Ion Ratio Lower Upper
117 100
119 5.7 77.4 116.0#
121 0.0 24.8 37.2#

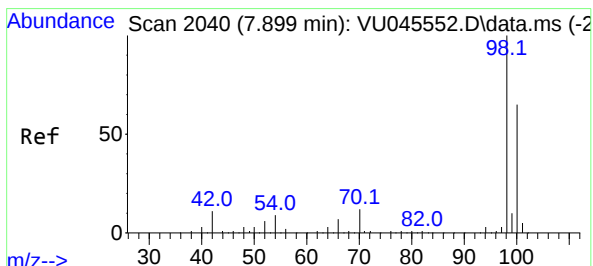
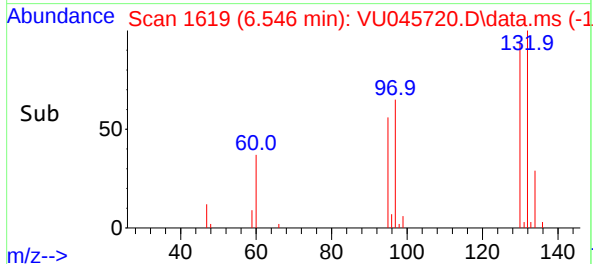
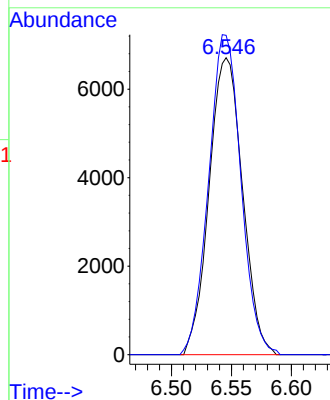
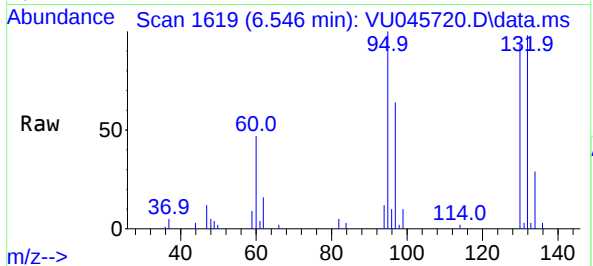




#44
Trichloroethene
Concen: 8.492 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

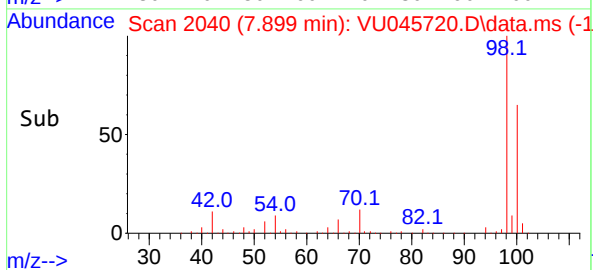
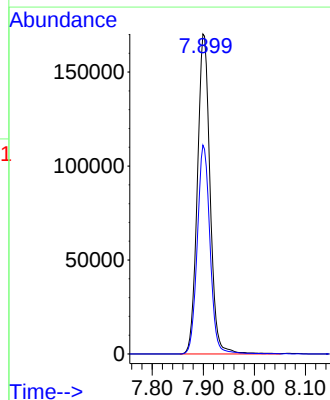
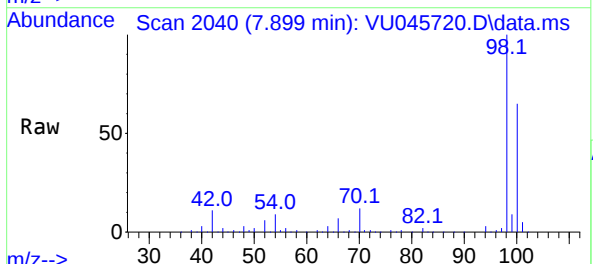
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

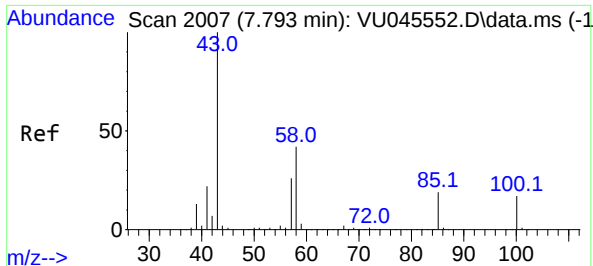
Tgt Ion:130 Resp: 13001
Ion Ratio Lower Upper
130 100
95 107.6 0.0 211.4



#50
Toluene-d8
Concen: 53.313 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 98 Resp: 293254
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

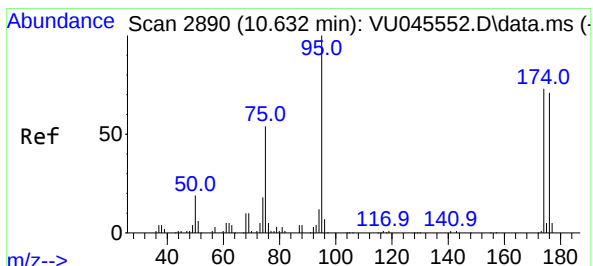
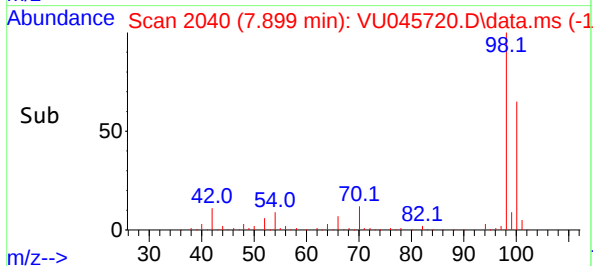
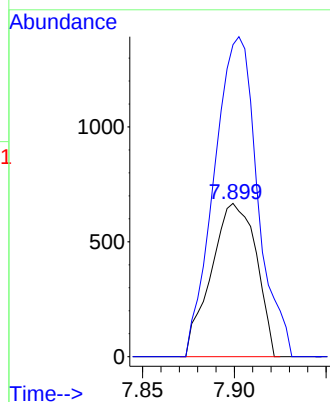
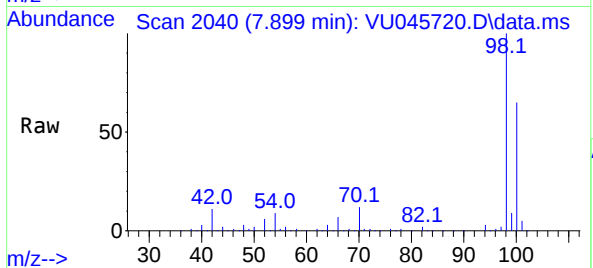




#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 7.899 min Scan# 2007
Delta R.T. 0.106 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

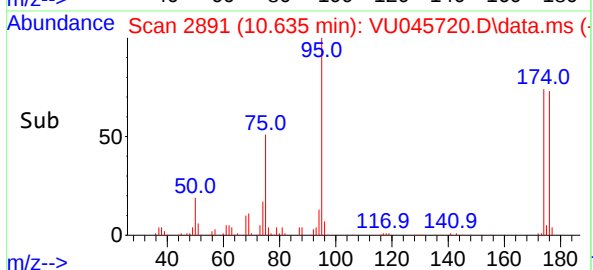
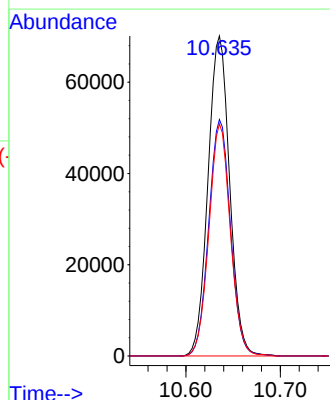
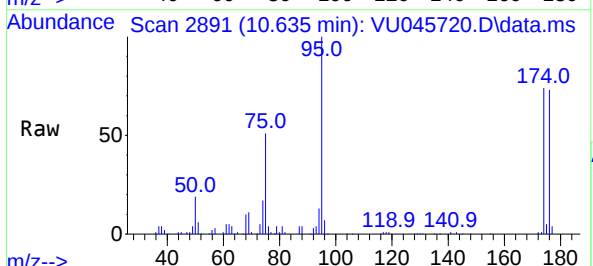
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

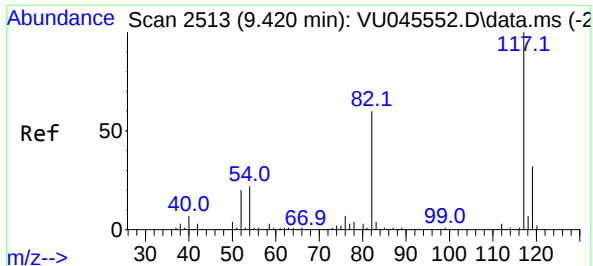
Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 200.9 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.540 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 95 Resp: 111477
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.8
176 71.6 0.0 138.2

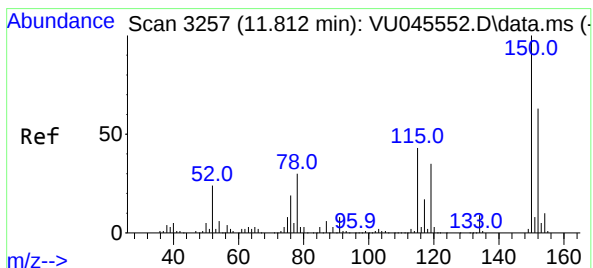
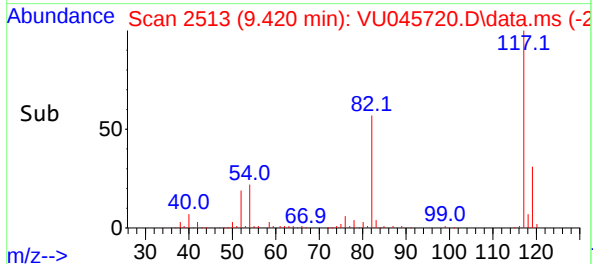
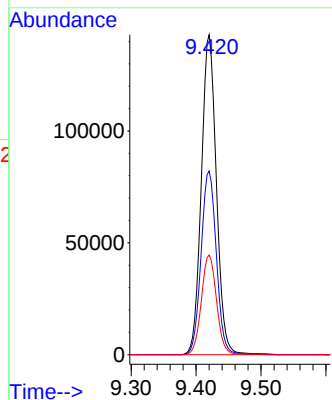
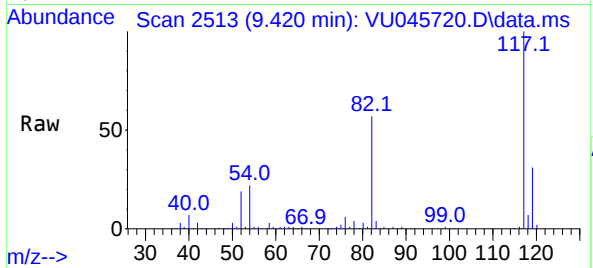




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21185
Delta R.T. 0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

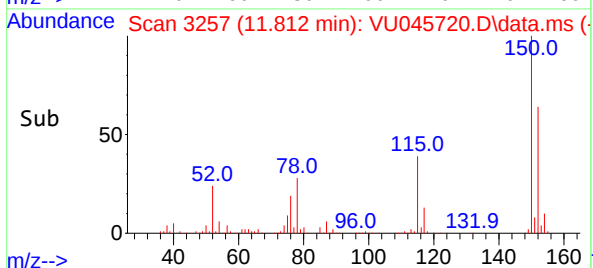
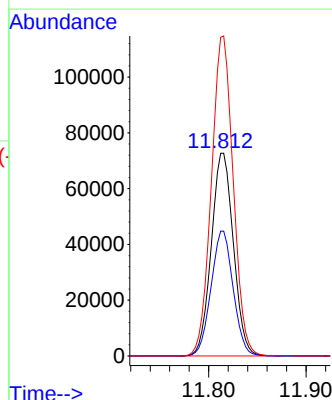
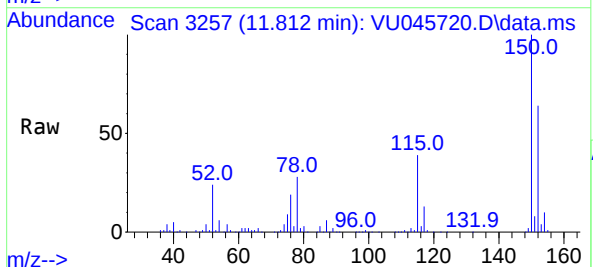
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

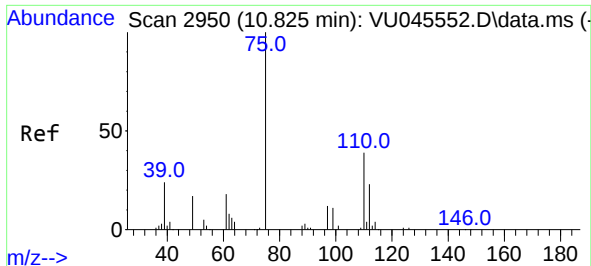
Tgt Ion:117 Resp: 231185
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion:152 Resp: 114554
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 155.8 0.0 346.8

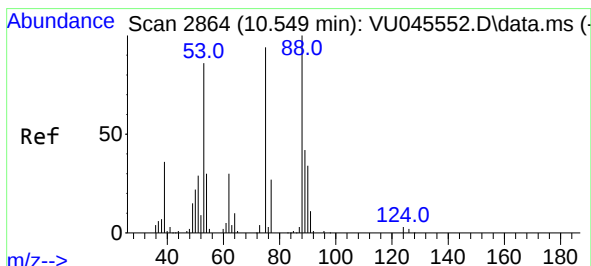
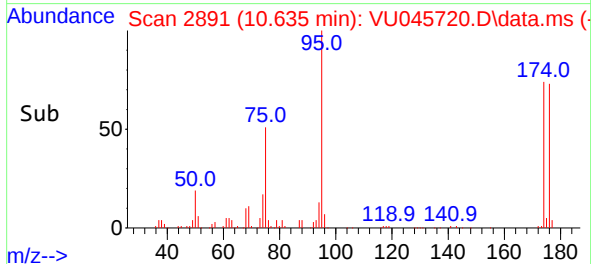
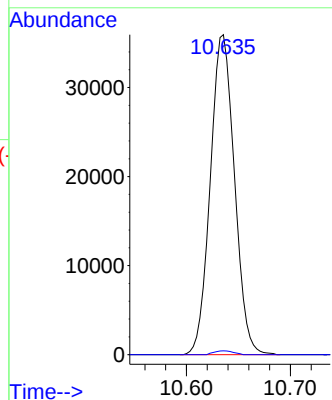
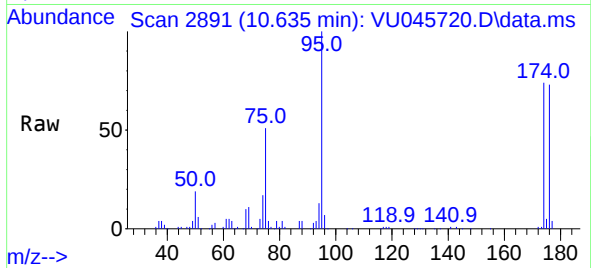




#76
1,2,3-Trichloropropane
Concen: 16.712 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

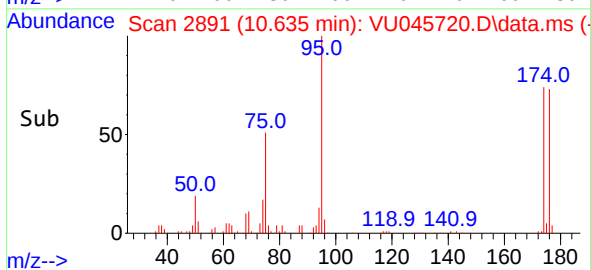
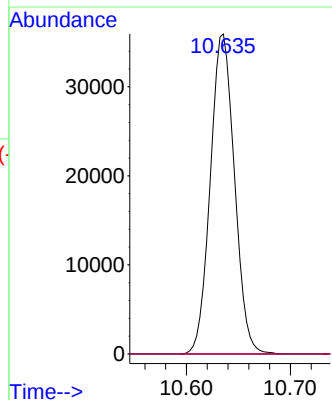
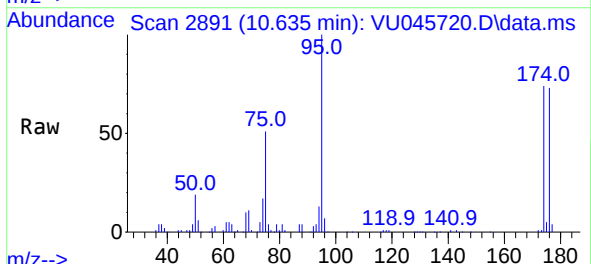
Instrument :
MSVOA_U
ClientSampleId :
22BR-20211108

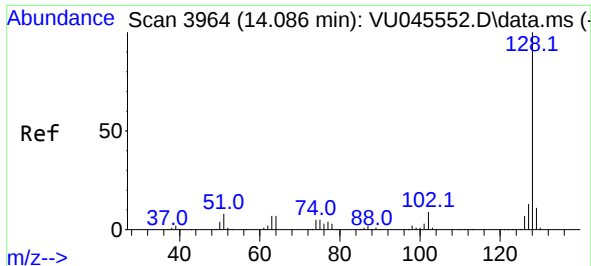
Tgt Ion: 75 Resp: 58055
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.462 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045720.D
Acq: 11 Nov 2021 04:27

Tgt Ion: 75 Resp: 58055
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.033 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. -0.004 min

Lab File: VU045720.D

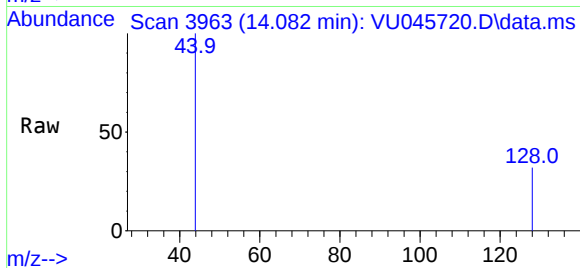
Acq: 11 Nov 2021 04:27

Instrument :

MSVOA_U

ClientSampleId :

22BR-20211108



Tgt Ion:128 Resp: 41

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

