

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045718.D
 Acq On : 11 Nov 2021 03:41
 Operator : SY/MD
 Sample : M4594-05DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20211108DL

Quant Time: Nov 11 13:09:12 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)

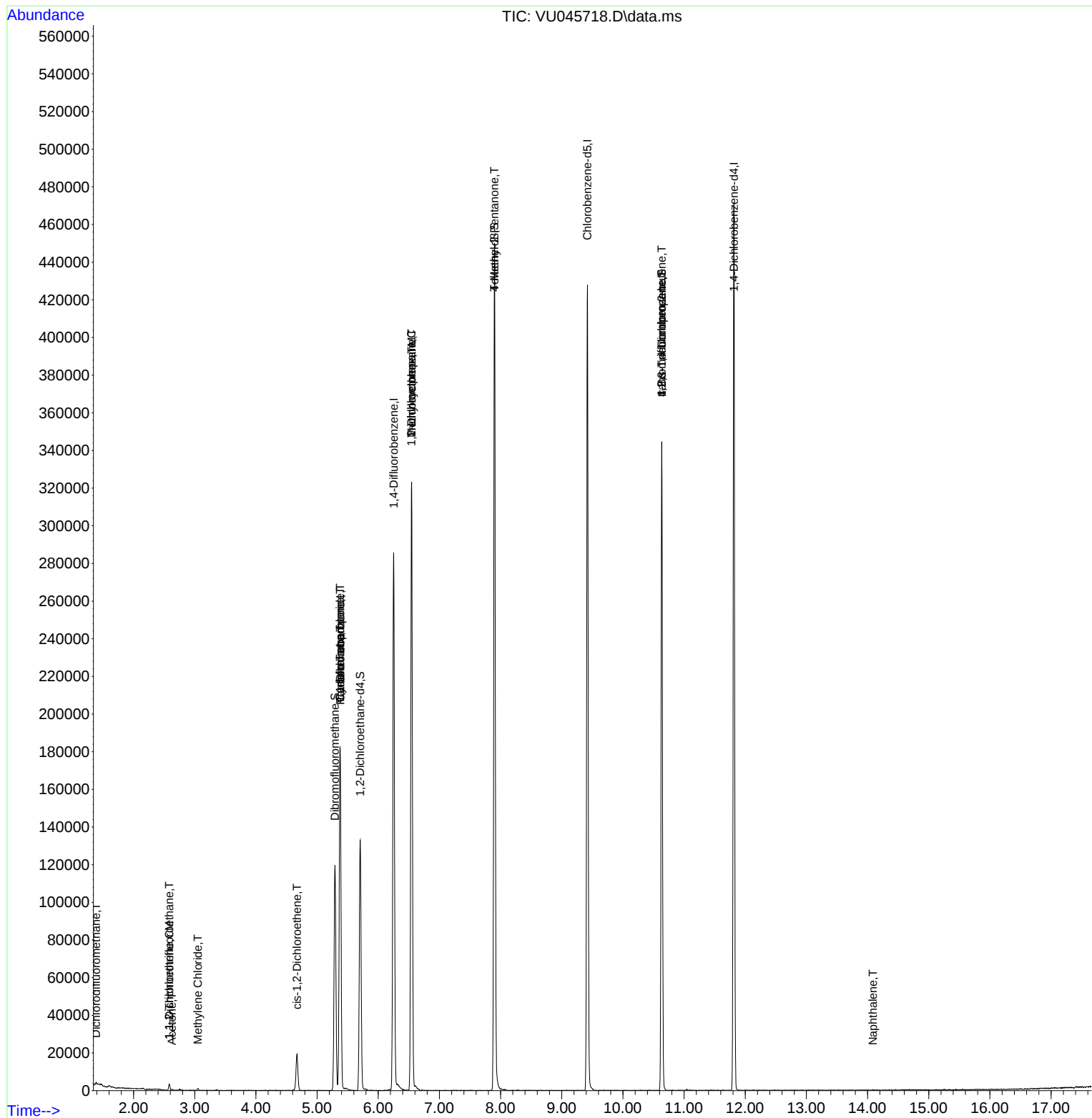
Internal Standards						
1) Pentafluorobenzene	5.378	168	120372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	225228	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	232341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	117262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99412	55.146	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.300%	
35) Dibromofluoromethane	5.292	113	76664	50.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	7.899	98	298528	53.389	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	10.635	95	113104	50.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	845	0.541	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.584	101	898	0.669	ug/l	90
12) 1,1-Dichloroethene	2.584	96	536	0.405	ug/l	82
16) Acetone	2.626	43	685	0.746	ug/l	99
20) Methylene Chloride	3.051	84	416	0.261	ug/l #	81
27) cis-1,2-Dichloroethene	4.671	96	10390	6.421	ug/l	87
31) Cyclohexane	5.375	56	2780	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10626	4.838	ug/l #	50
38) Carbon Tetrachloride	5.375	117	13120	5.926	ug/l #	15
39) Methylcyclohexane	6.546	83	1308	0.485	ug/l #	1
44) Trichloroethene	6.546	130	104398	67.078	ug/l	99
45) 1,2-Dichloropropane	6.542	63	534	0.310	ug/l #	1
51) 4-Methyl-2-Pentanone	7.899	43	1181	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	59471	16.724	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.635	75	59471	54.500	ug/l #	12
95) Naphthalene	14.085	128	76	1.037	ug/l #	69

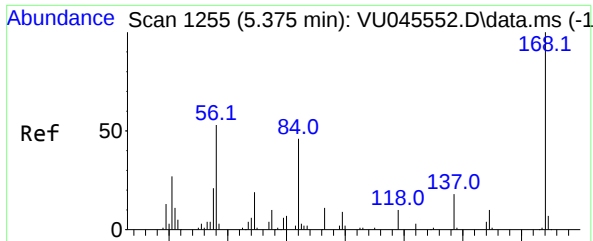
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

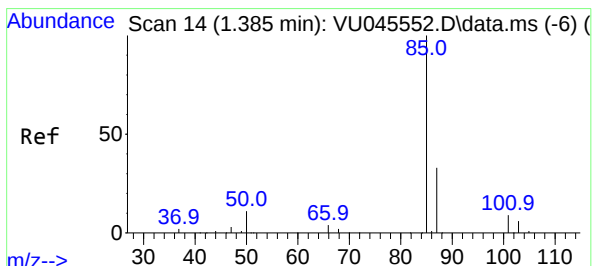
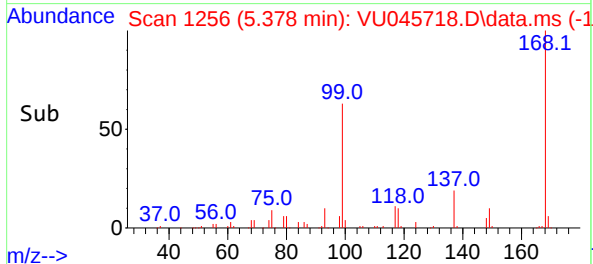
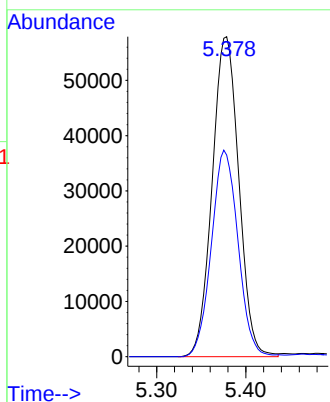
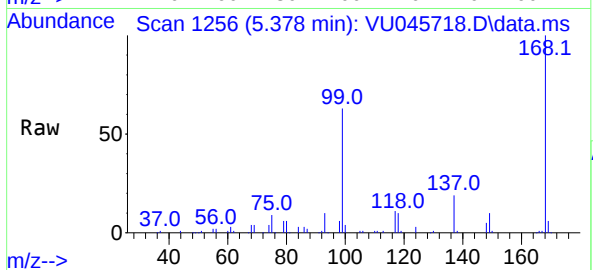




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

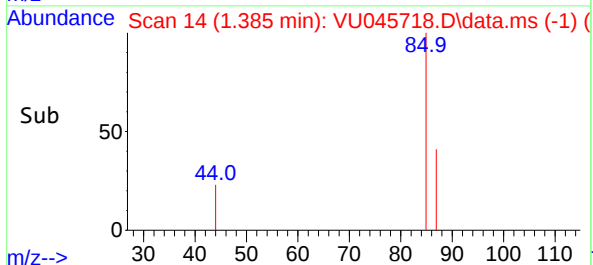
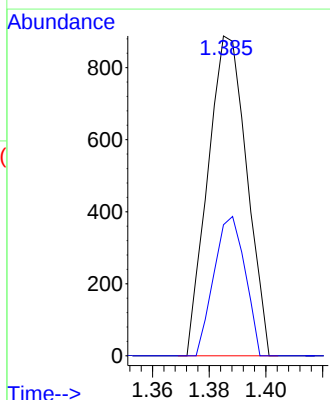
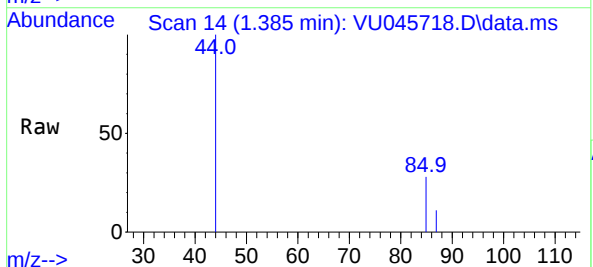
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

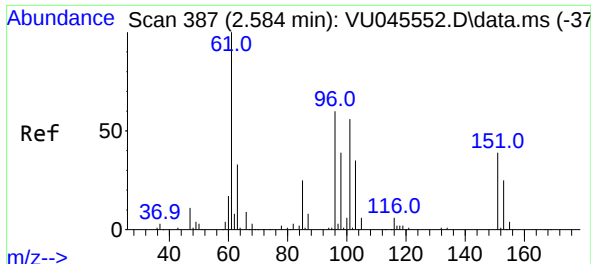
Tgt Ion:168 Resp: 120372
Ion Ratio Lower Upper
168 100
99 63.0 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.541 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 85 Resp: 845
Ion Ratio Lower Upper
85 100
87 41.0 15.9 47.7



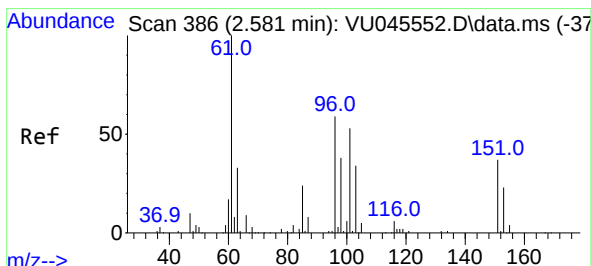
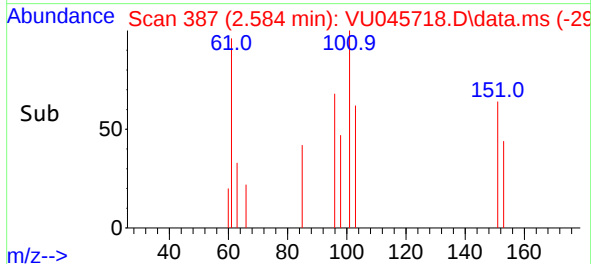
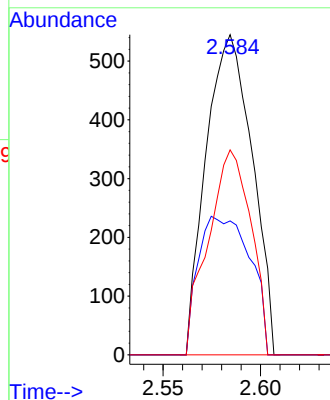
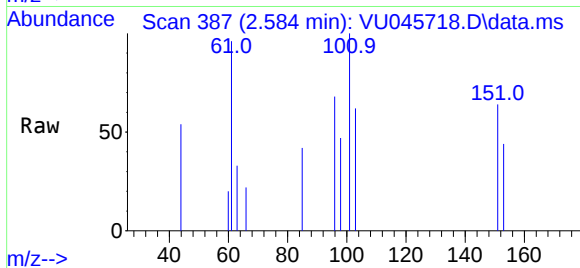


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.669 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

Tgt Ion: 101 Resp: 898

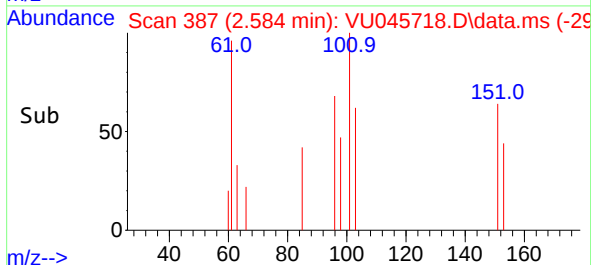
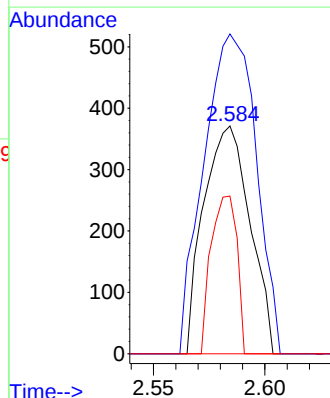
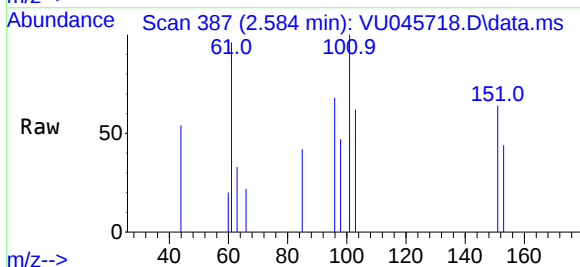
Ion	Ratio	Lower	Upper
101	100		
85	48.7	35.0	52.4
151	59.2	54.6	82.0

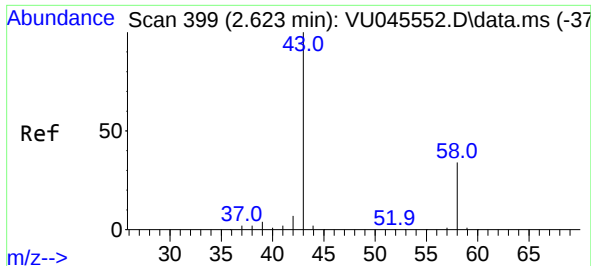


#12
1,1-Dichloroethene
Concen: 0.405 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 96 Resp: 536

Ion	Ratio	Lower	Upper
96	100		
61	140.4	137.1	205.7
98	69.3	51.5	77.3

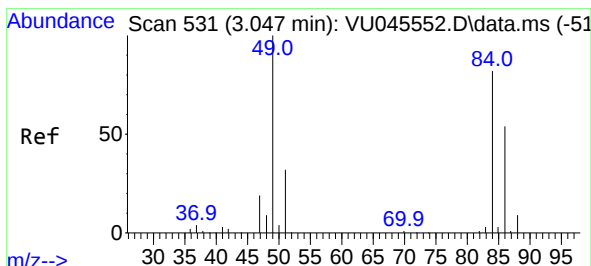
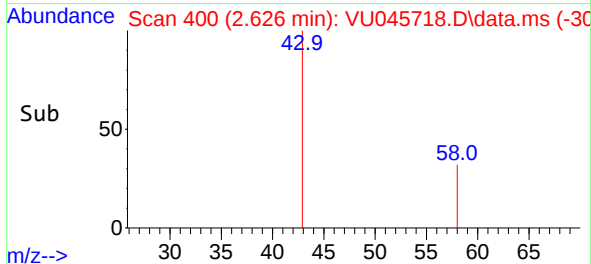
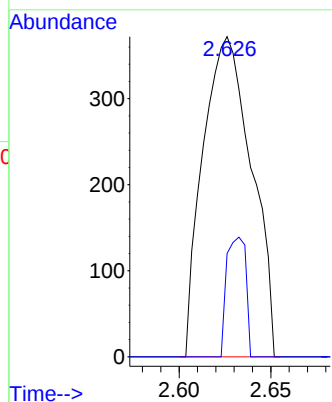
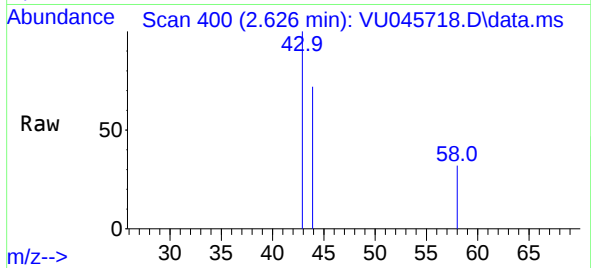




#16
Acetone
Concen: 0.746 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

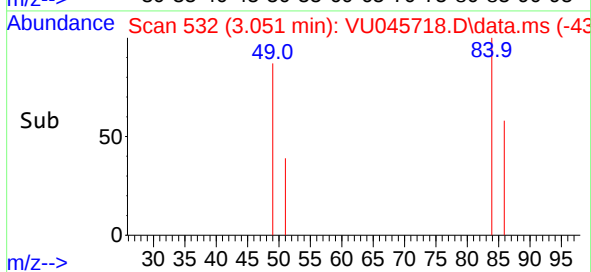
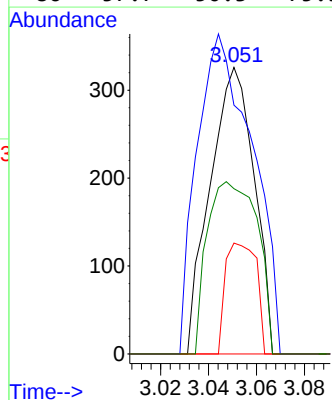
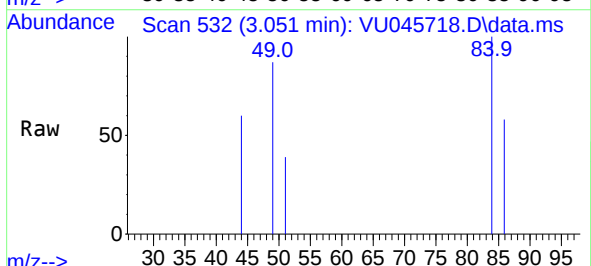
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

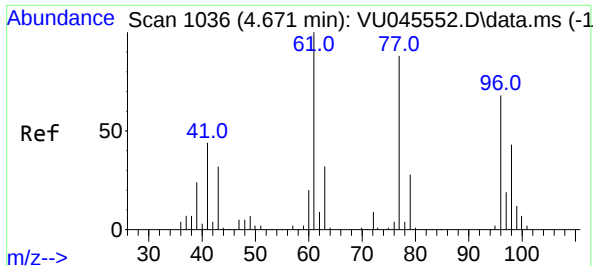
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
58 32.3 26.2 39.2



#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 84 Resp: 416
Ion Ratio Lower Upper
84 100
49 86.8 96.4 144.6#
51 38.7 30.5 45.7
86 57.7 50.3 75.5



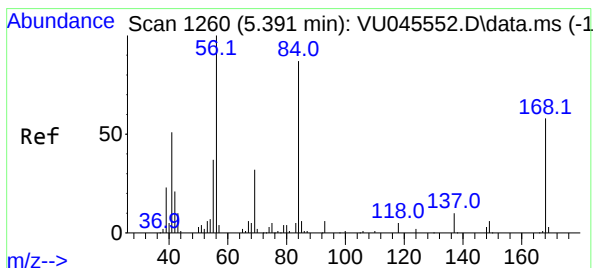
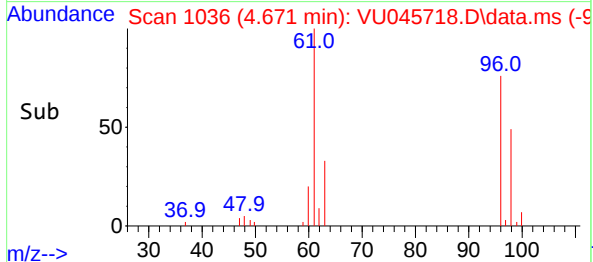
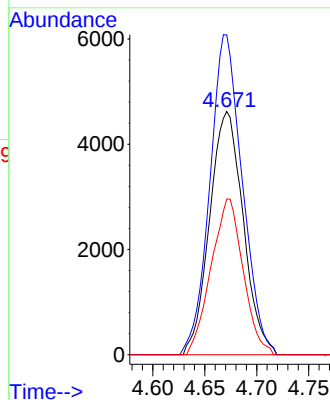
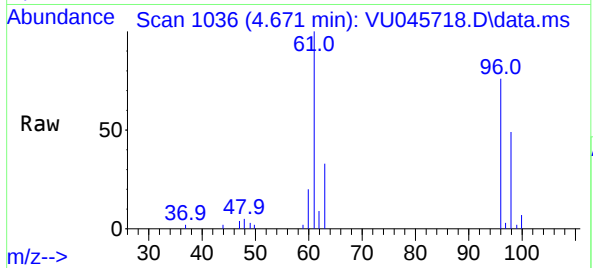


#27
 cis-1,2-Dichloroethene
 Concen: 6.421 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045718.D
 Acq: 11 Nov 2021 03:41

Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20211108DL

Tgt Ion: 96 Resp: 10390

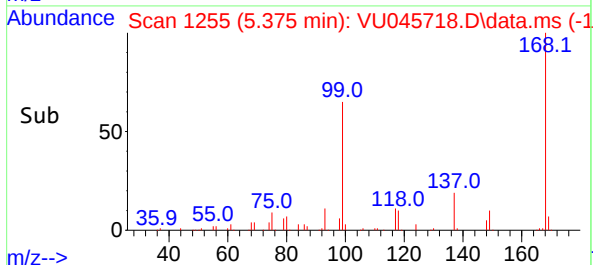
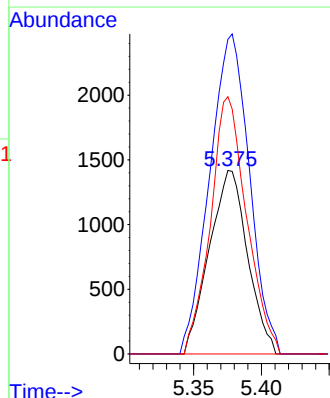
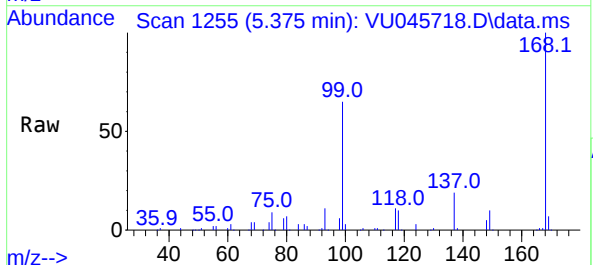
Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	299.2
98	61.1	0.0	127.6

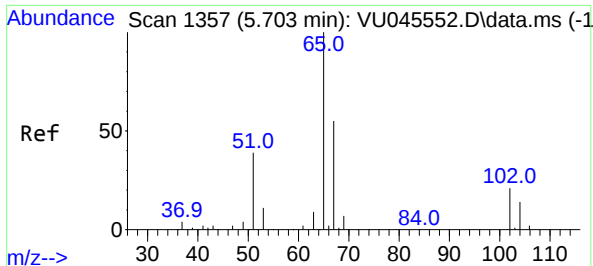


#31
 Cyclohexane
 Concen: 1.057 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.016 min
 Lab File: VU045718.D
 Acq: 11 Nov 2021 03:41

Tgt Ion: 56 Resp: 2780

Ion	Ratio	Lower	Upper
56	100		
69	171.4	26.4	39.6#
84	140.2	68.4	102.6#

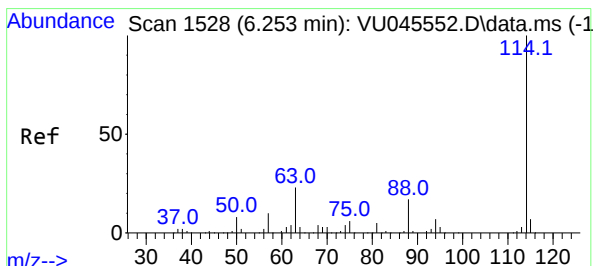
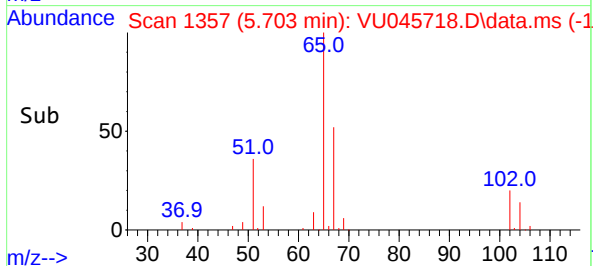
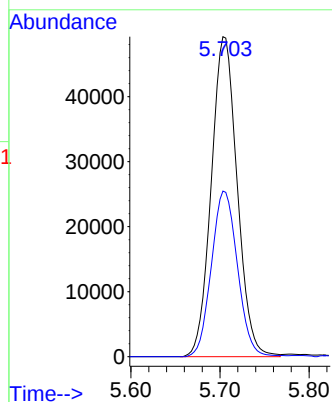
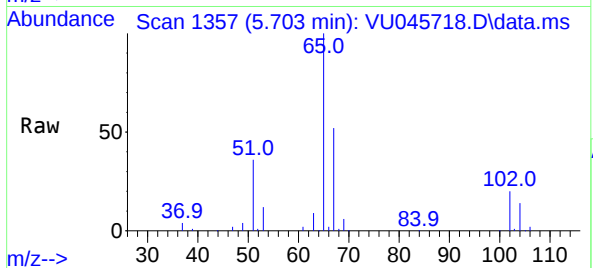




#33
1,2-Dichloroethane-d4
Concen: 55.146 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

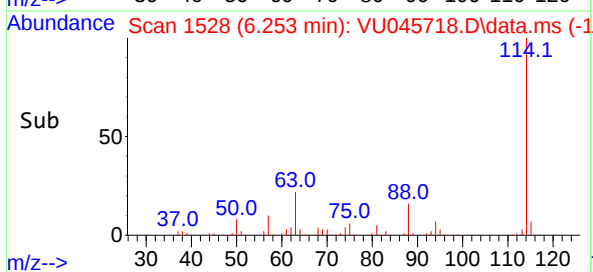
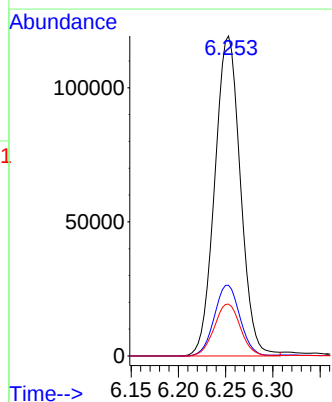
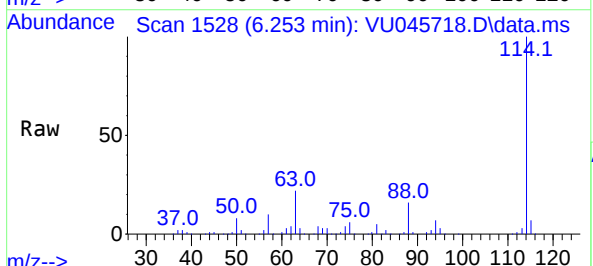
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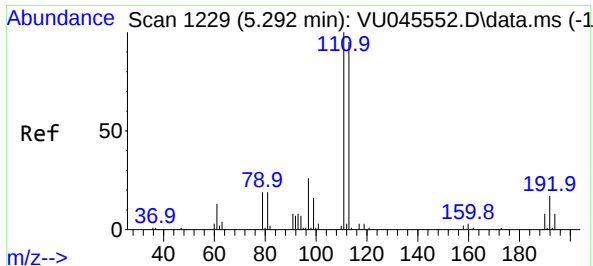
Tgt Ion: 65 Resp: 99412
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 114 Resp: 225228
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.6
88 16.2 0.0 33.8

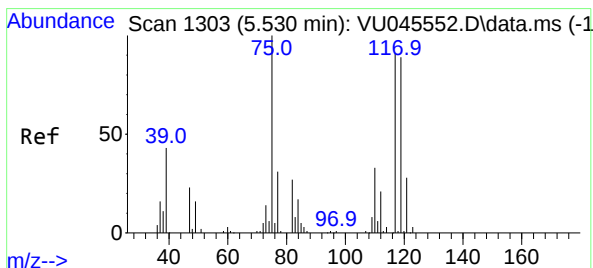
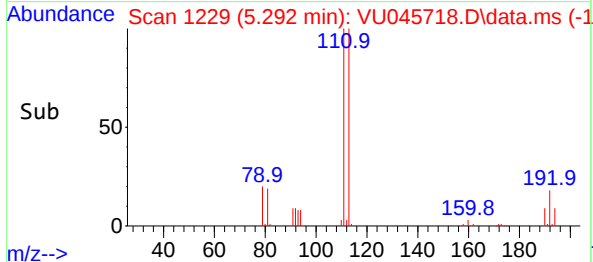
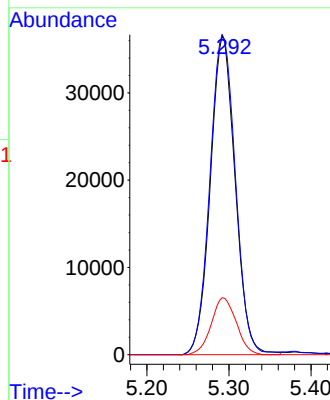
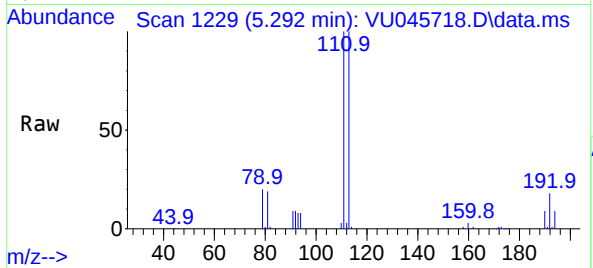




#35
Dibromofluoromethane
Concen: 50.983 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

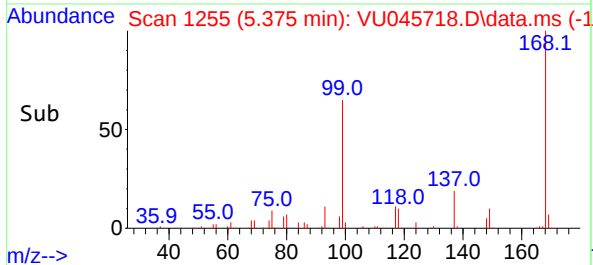
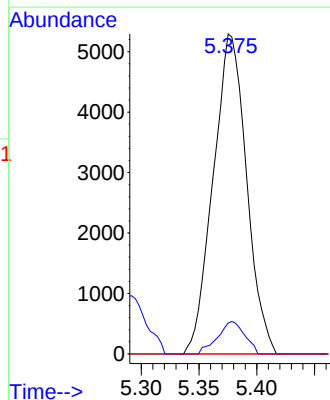
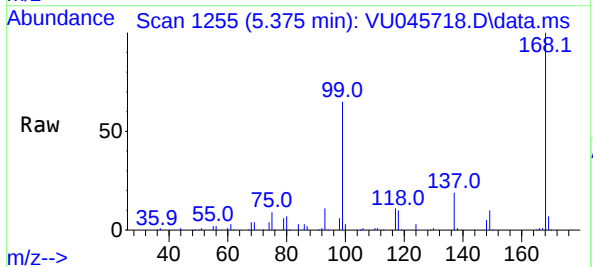
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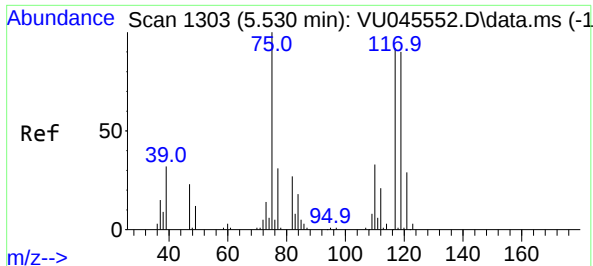
Tgt Ion:	113	Resp:	76664
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	18.1	14.8	22.2



#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

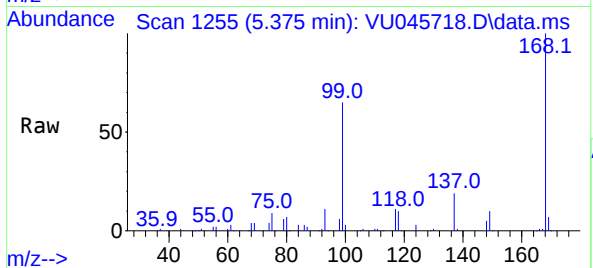
Tgt Ion:	75	Resp:	10626
Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.7	50.0#
77	0.0	25.0	37.4#



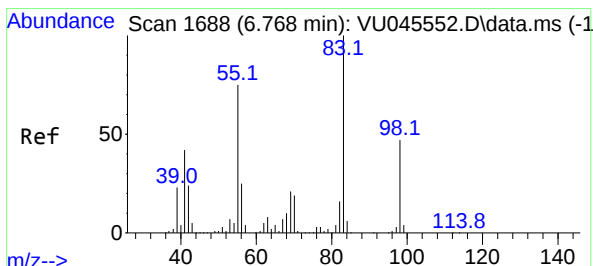
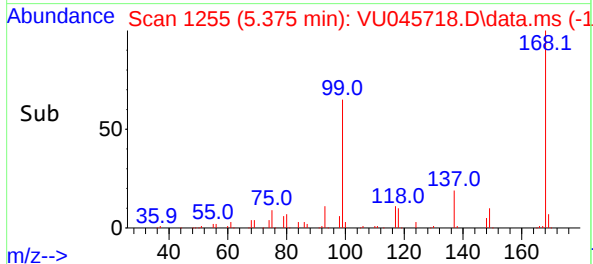
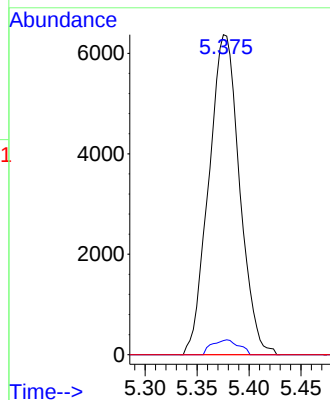


#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

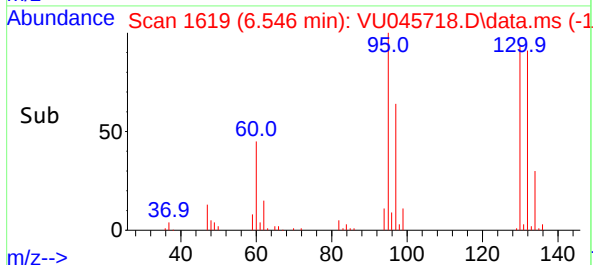
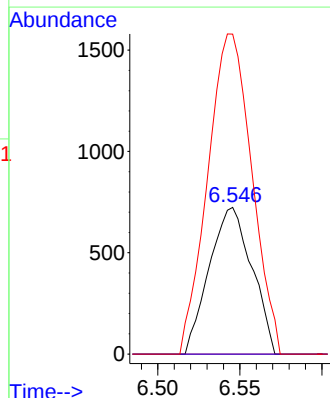
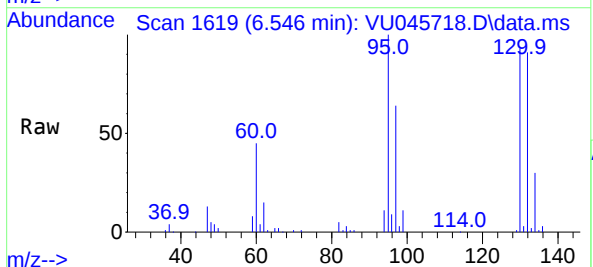


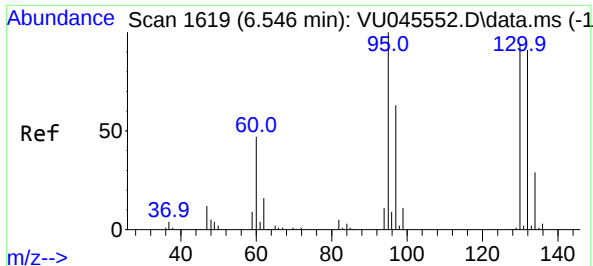
Tgt Ion:117 Resp: 13120
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.485 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.222 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 83 Resp: 1308
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 218.1 37.1 55.7#

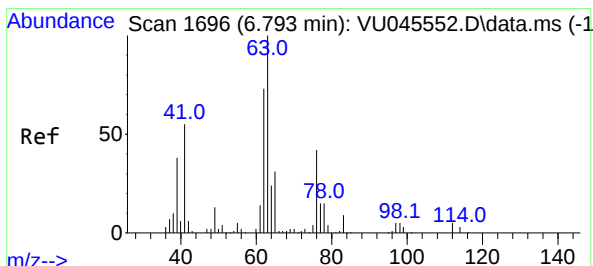
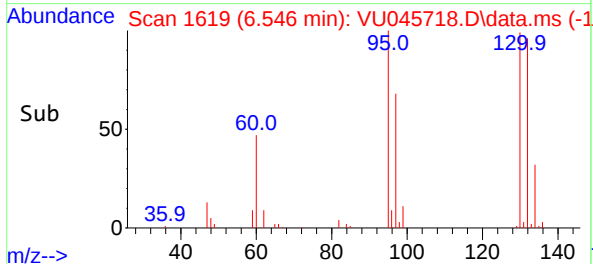
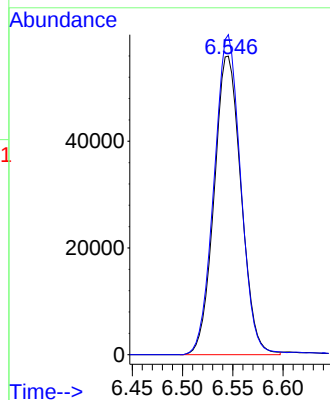
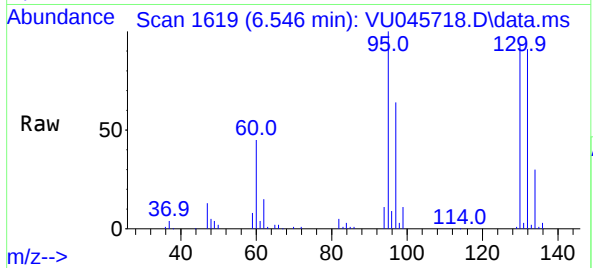




#44
Trichloroethene
Concen: 67.078 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

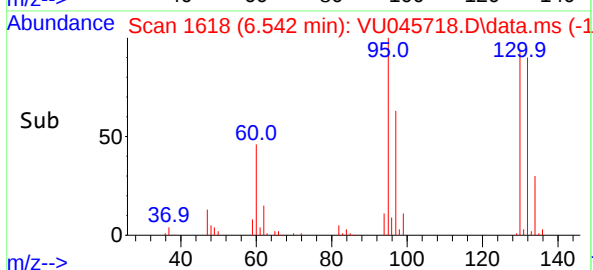
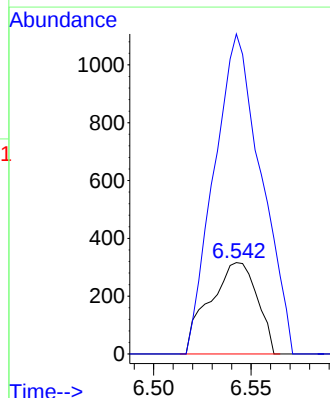
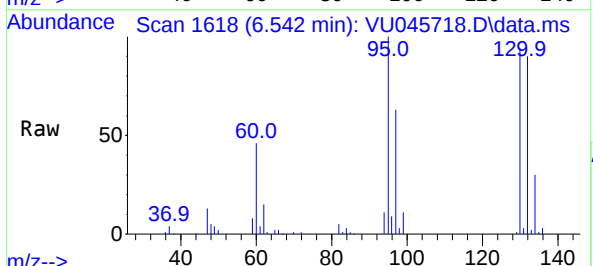
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

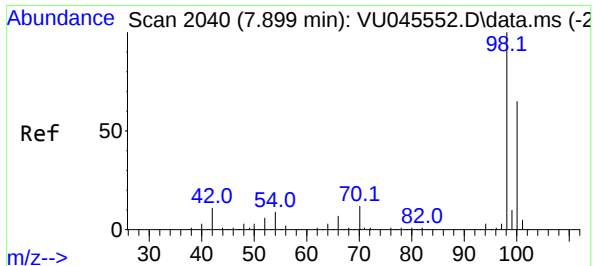
Tgt Ion:130 Resp: 104398
Ion Ratio Lower Upper
130 100
95 107.2 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.310 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.251 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 63 Resp: 534
Ion Ratio Lower Upper
63 100
65 350.3 25.7 38.5#

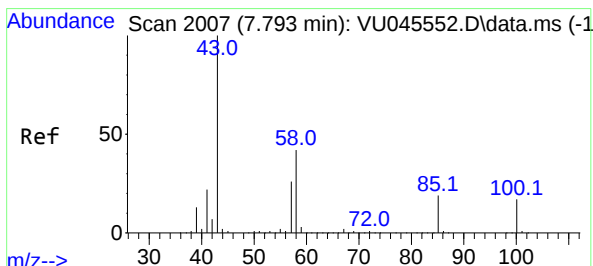
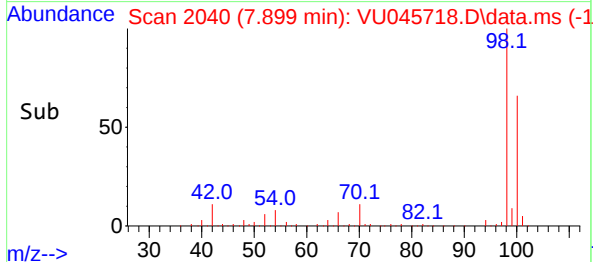
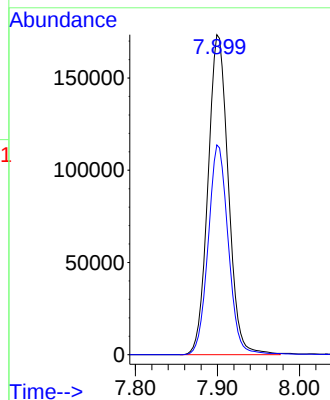
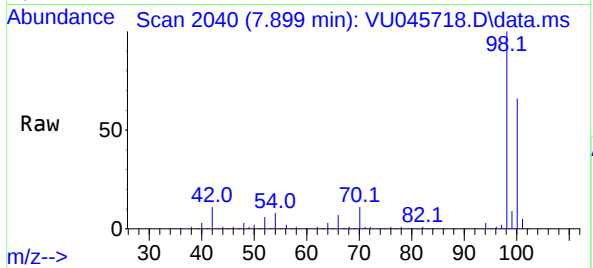




#50
Toluene-d8
Concen: 53.389 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

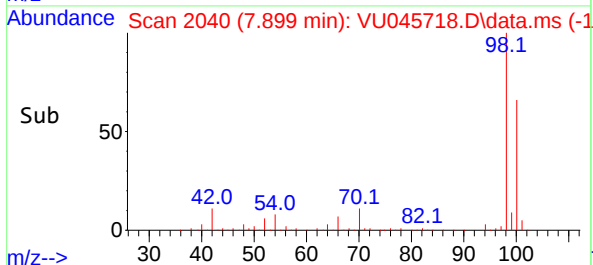
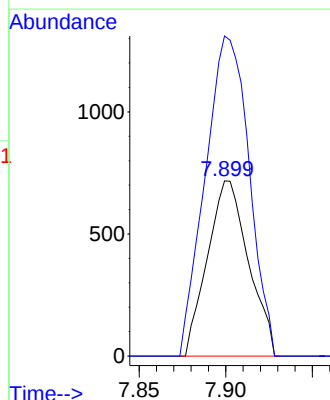
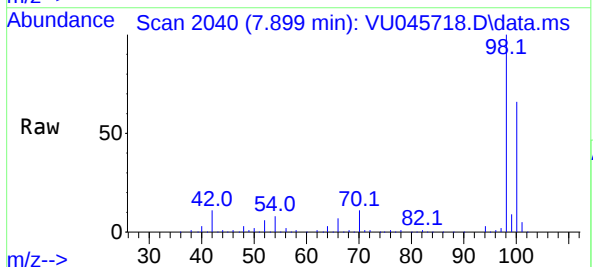
Instrument :
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ClientSampleId :
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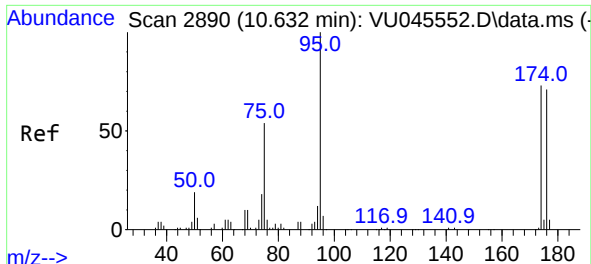
Tgt Ion: 98 Resp: 298528
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 195.3 33.8 50.8#

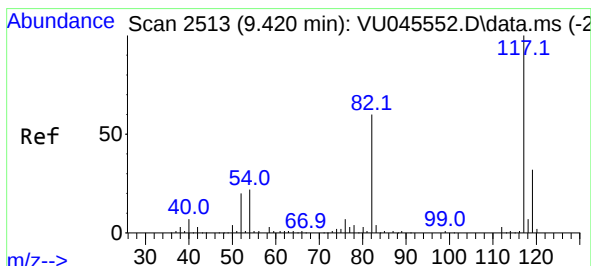
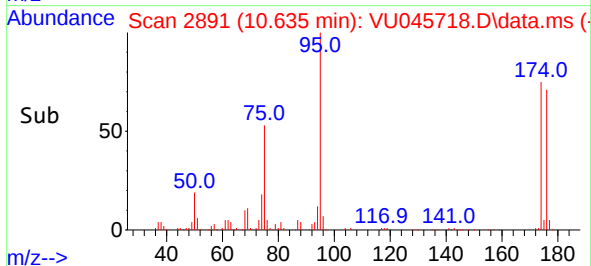
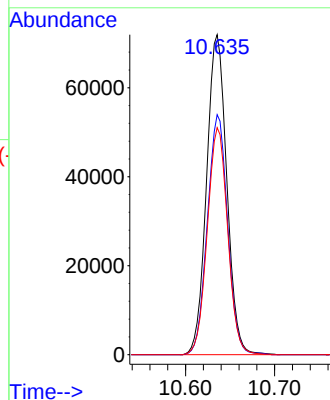
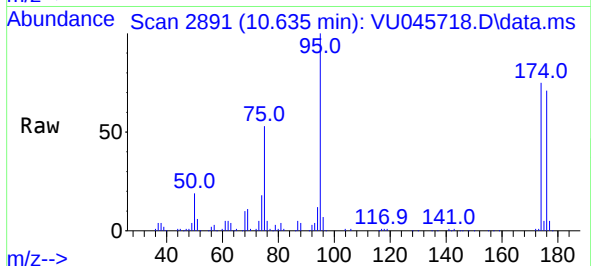




#62
4-Bromofluorobenzene
Concen: 50.443 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

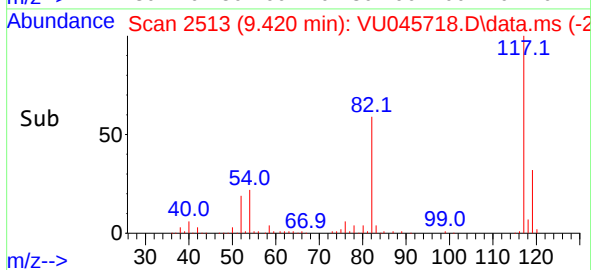
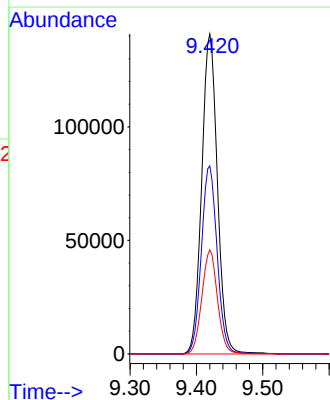
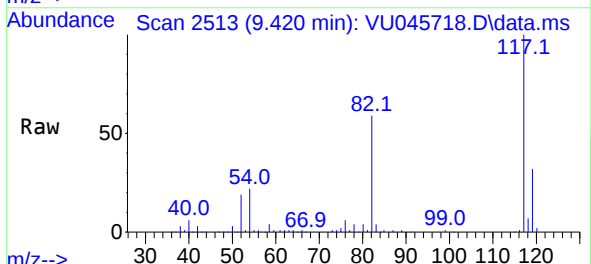
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

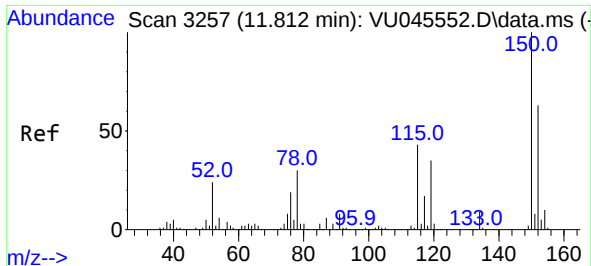
Tgt Ion: 95 Resp: 113104
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.8
176 71.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 117 Resp: 232341
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 32.5 25.8 38.8

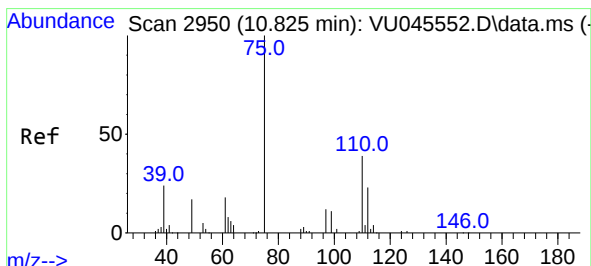
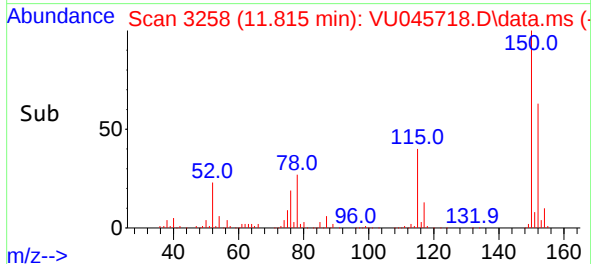
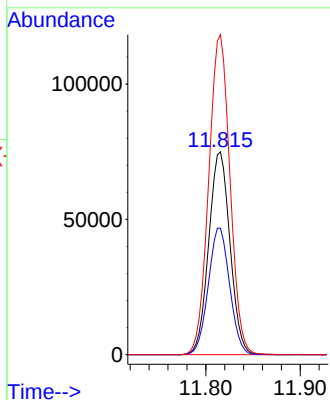
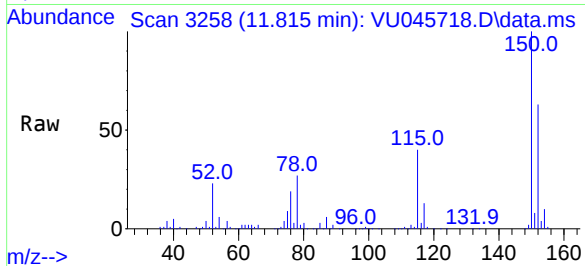




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

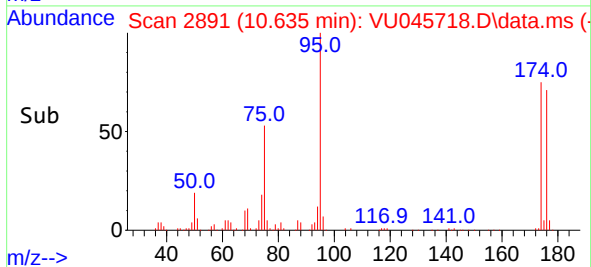
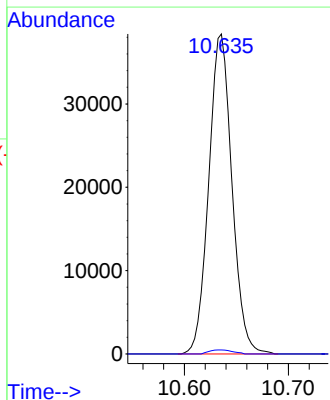
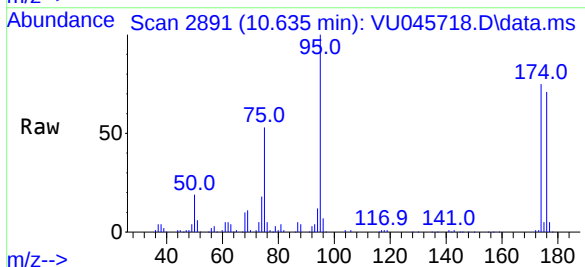
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

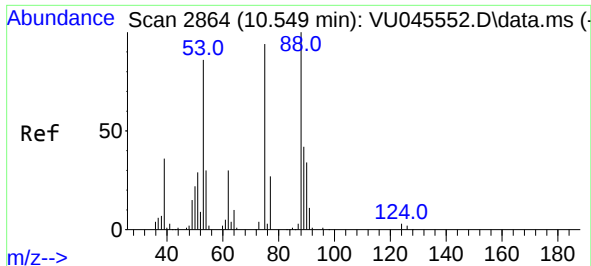
Tgt Ion:152 Resp: 117262
Ion Ratio Lower Upper
152 100
115 62.7 42.7 128.1
150 157.5 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 16.724 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion: 75 Resp: 59471
Ion Ratio Lower Upper
75 100
77 1.3 17.1 51.3#

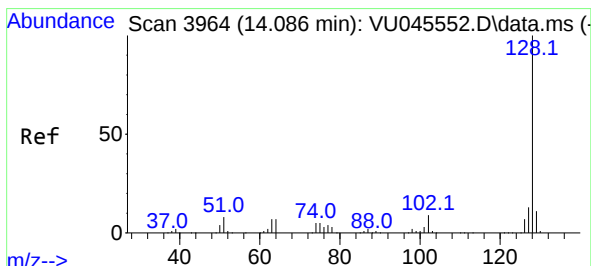
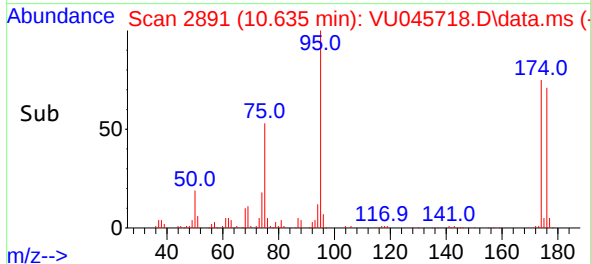
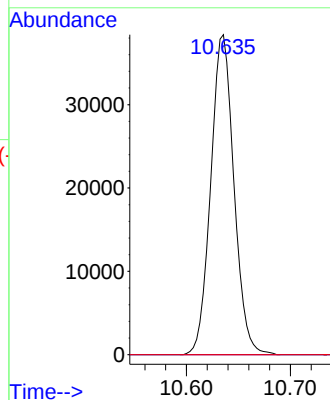
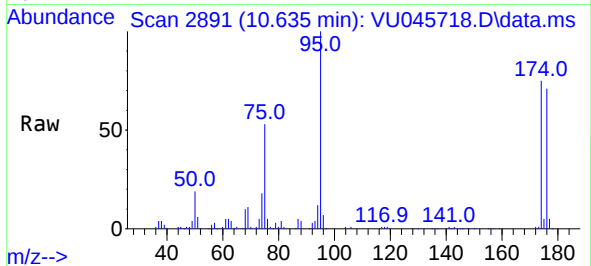




#81
trans-1,4-Dichloro-2-butene
Concen: 54.500 ug/l
RT: 10.635 min Scan# 2864
Delta R.T. 0.086 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108DL

Tgt Ion: 75 Resp: 59471
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.037 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU045718.D
Acq: 11 Nov 2021 03:41

Tgt Ion:128 Resp: 76
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

