

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045745.D
 Acq On : 11 Nov 2021 17:46
 Operator : SY/MD
 Sample : M4606-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-121.5T-20211109

Quant Time: Nov 12 06:11:27 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)

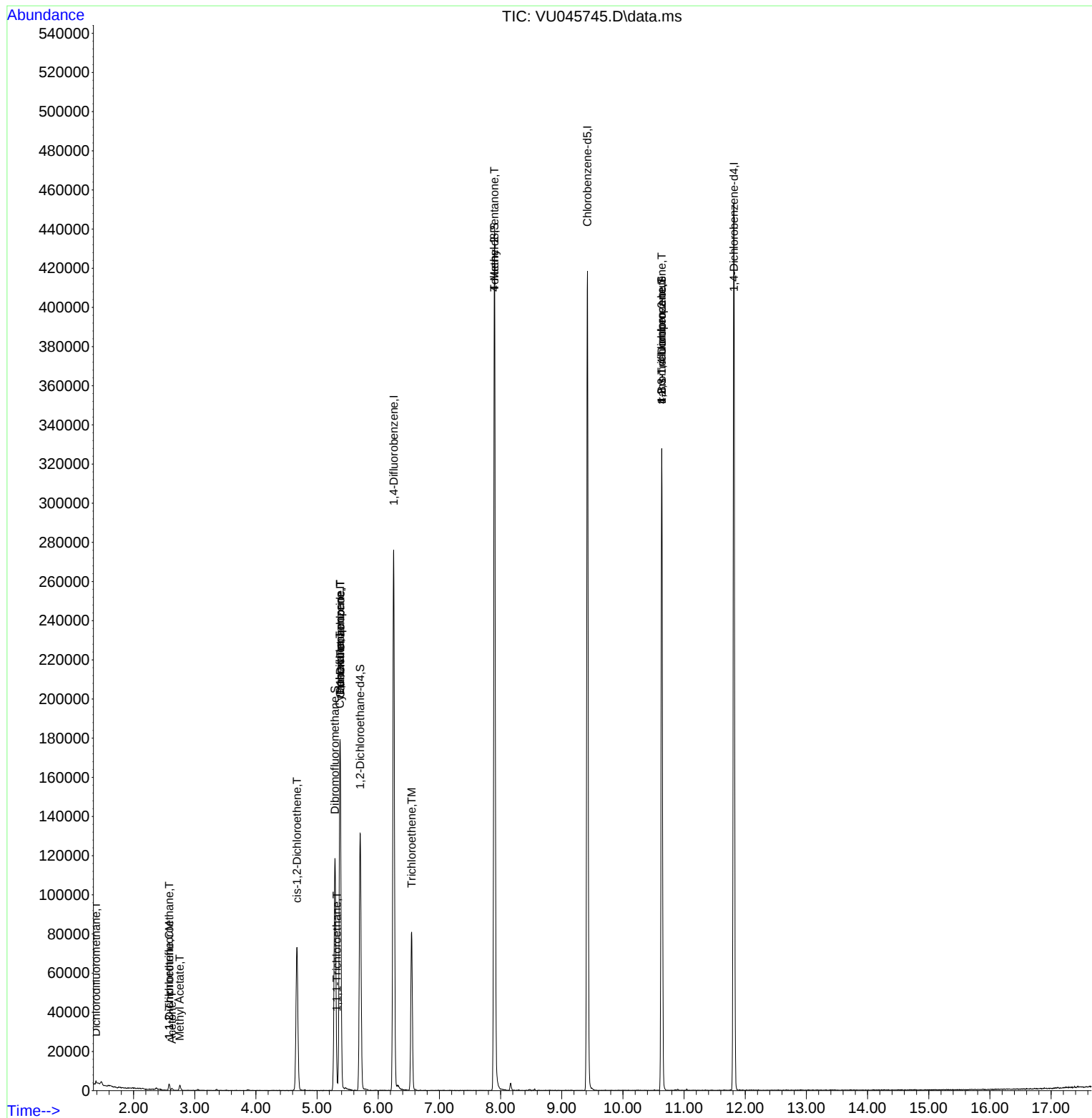
Internal Standards						
1) Pentafluorobenzene	5.375	168	116756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	215855	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	113326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97263	55.625	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.240%	
35) Dibromofluoromethane	5.292	113	76863	53.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	7.899	98	288098	53.761	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	10.635	95	108346	50.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	666	0.440	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.581	101	930	0.714	ug/l	94
12) 1,1-Dichloroethene	2.584	96	385	0.300	ug/l #	76
16) Acetone	2.626	43	1201	1.349	ug/l	96
18) Methyl Acetate	2.755	43	685	0.226	ug/l #	50
27) cis-1,2-Dichloroethene	4.671	96	38505	24.532	ug/l	88
31) Cyclohexane	5.372	56	2759	1.081	ug/l #	1
32) 1,1,1-Trichloroethane	5.321	97	701	0.310	ug/l #	37
36) 1,1-Dichloropropene	5.375	75	10267	4.878	ug/l #	49
38) Carbon Tetrachloride	5.378	117	12965	6.110	ug/l #	15
44) Trichloroethene	6.546	130	26849	18.000	ug/l	96
51) 4-Methyl-2-Pentanone	7.899	43	1022	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	10.635	75	58290	16.961	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	58290	55.230	ug/l #	12

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

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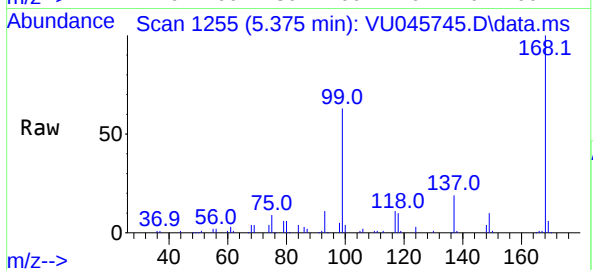
Quant Time: Nov 12 06:11:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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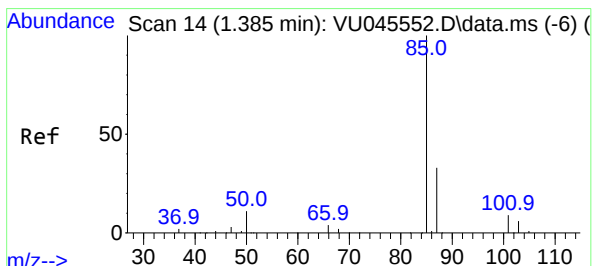
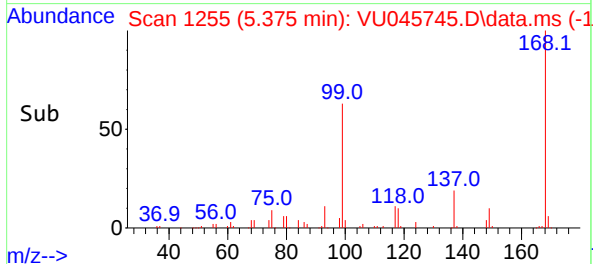
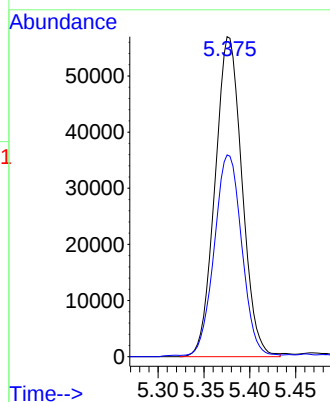


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

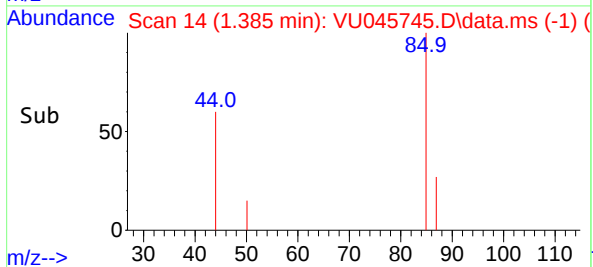
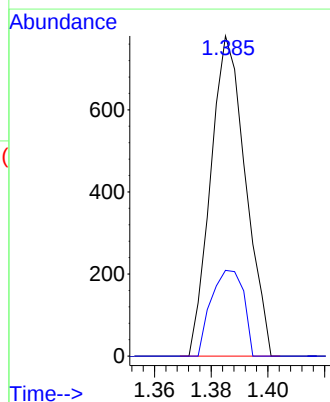
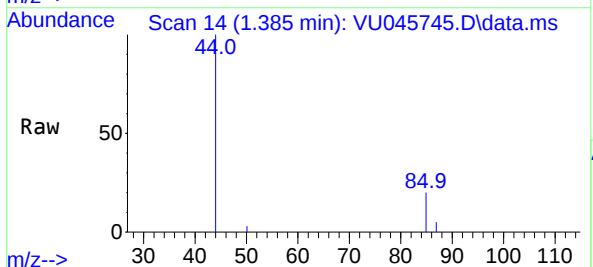


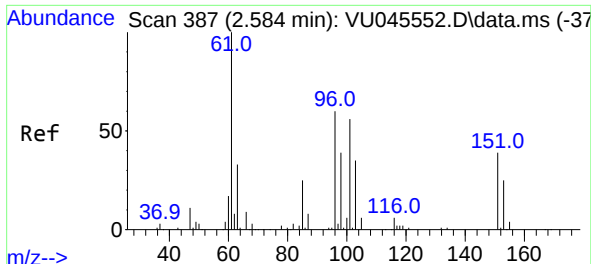
Tgt Ion:168 Resp: 116756
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.440 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 85 Resp: 666
Ion Ratio Lower Upper
85 100
87 26.8 15.9 47.7

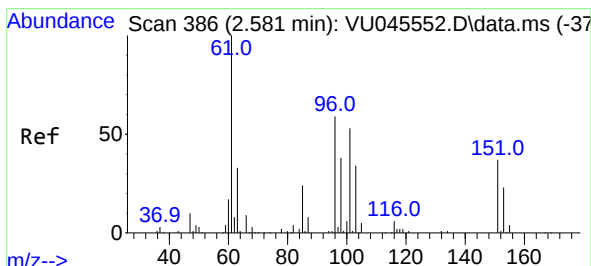
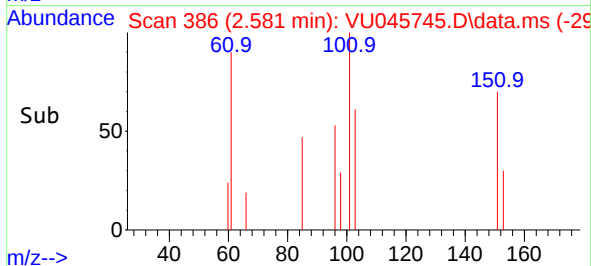
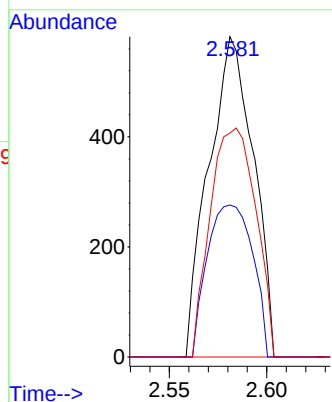
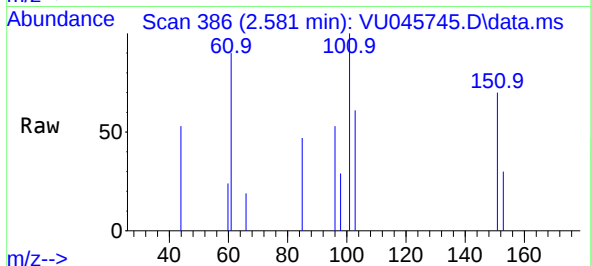




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.714 ug/l
RT: 2.581 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

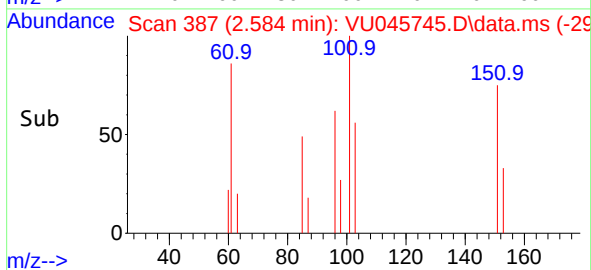
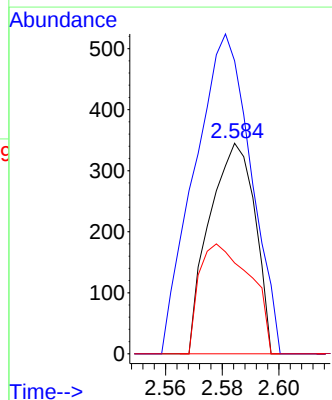
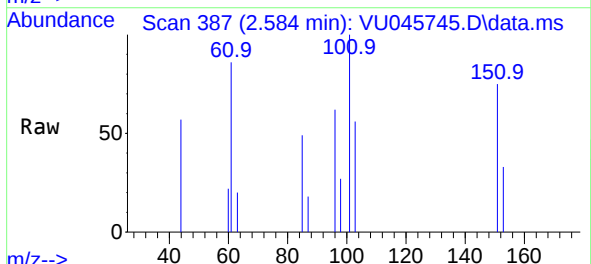
Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

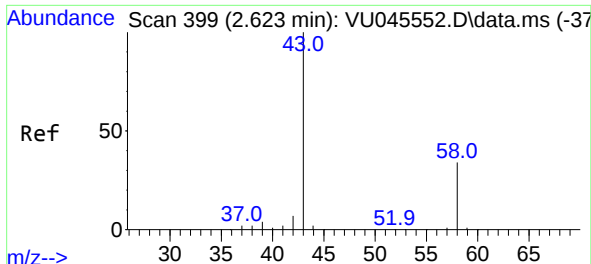
Tgt Ion:101 Resp: 930
Ion Ratio Lower Upper
101 100
85 48.2 35.0 52.4
151 72.9 54.6 82.0



#12
1,1-Dichloroethene
Concen: 0.300 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 96 Resp: 385
Ion Ratio Lower Upper
96 100
61 139.1 137.1 205.7
98 43.2 51.5 77.3#

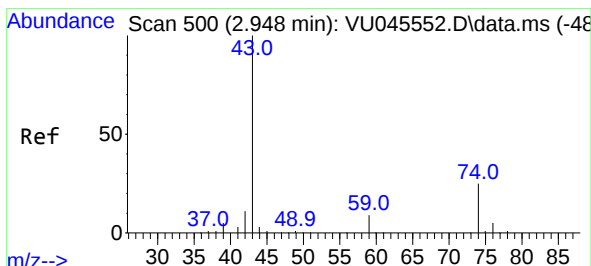
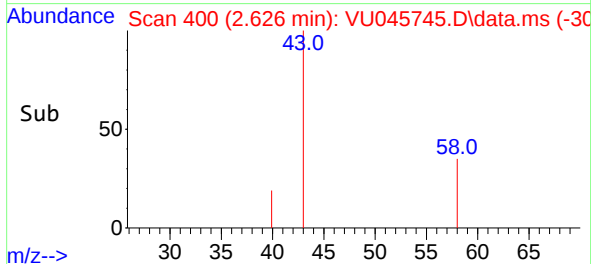
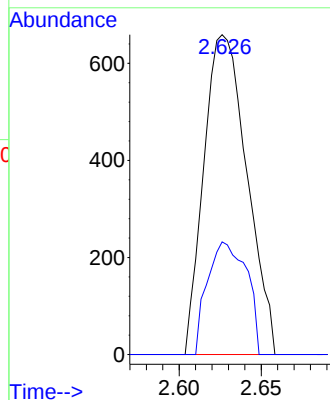
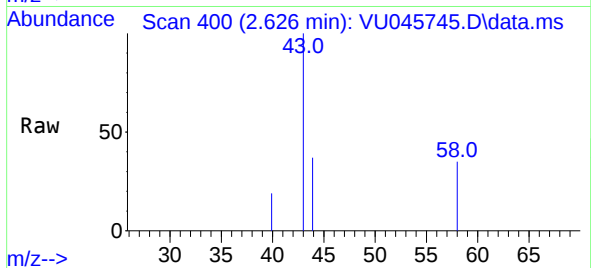




#16
Acetone
Concen: 1.349 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

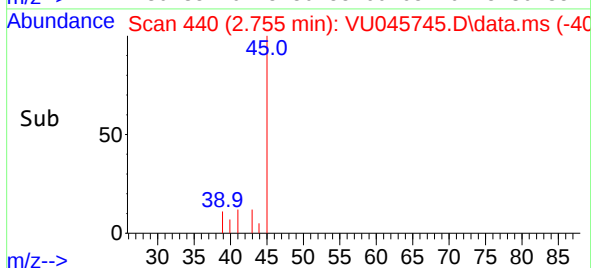
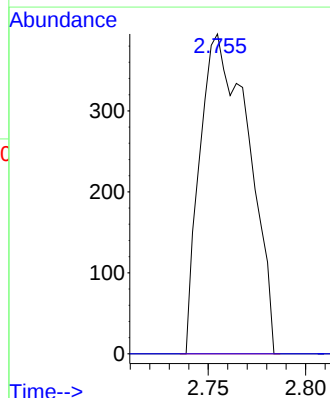
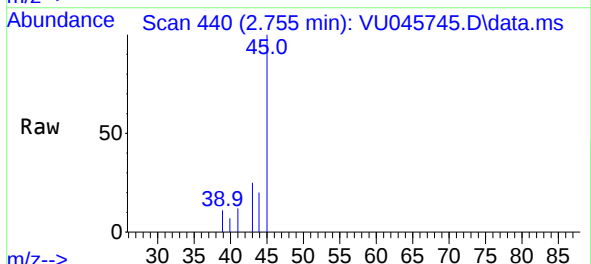
Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

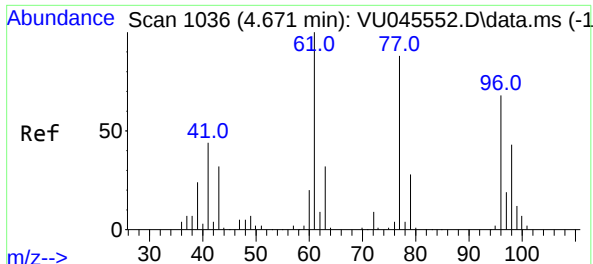
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 35.2 26.2 39.2



#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



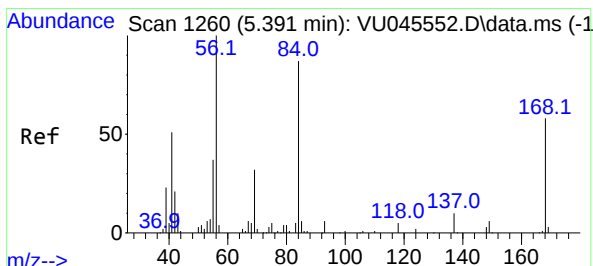
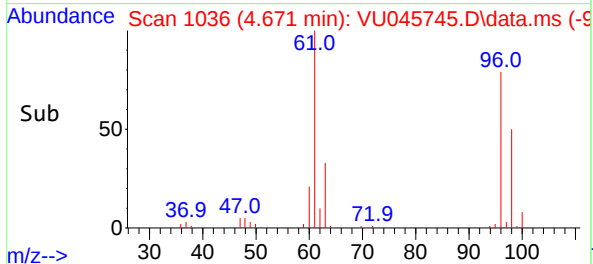
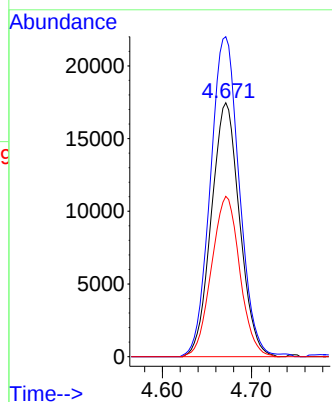
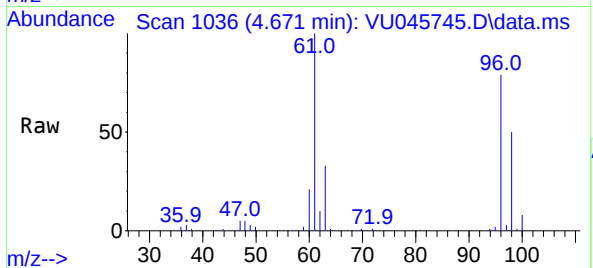


#27
 cis-1,2-Dichloroethene
 Concen: 24.532 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045745.D
 Acq: 11 Nov 2021 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-121.5T-20211109

Tgt Ion: 96 Resp: 38505

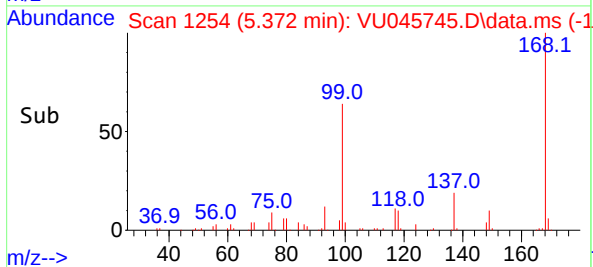
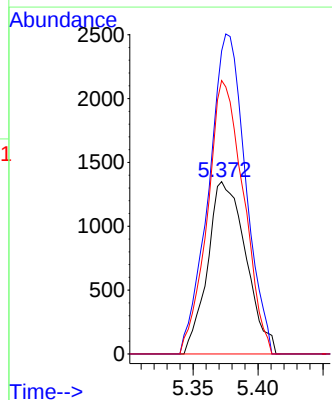
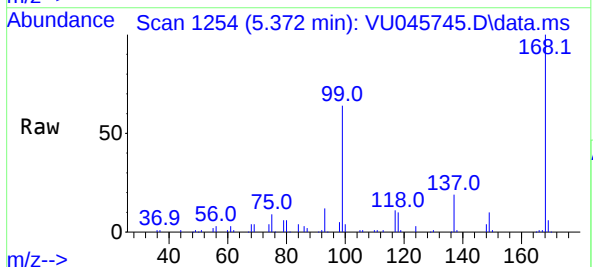
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	299.2
98	63.2	0.0	127.6

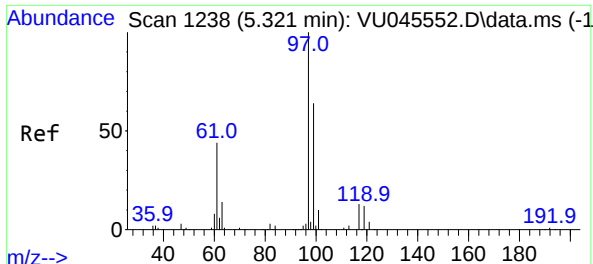


#31
 Cyclohexane
 Concen: 1.081 ug/l
 RT: 5.372 min Scan# 1254
 Delta R.T. -0.019 min
 Lab File: VU045745.D
 Acq: 11 Nov 2021 17:46

Tgt Ion: 56 Resp: 2759

Ion	Ratio	Lower	Upper
56	100		
69	175.9	26.4	39.6#
84	158.8	68.4	102.6#

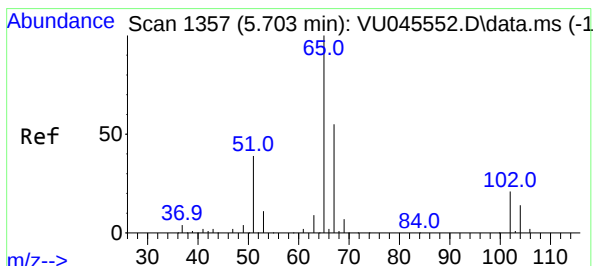
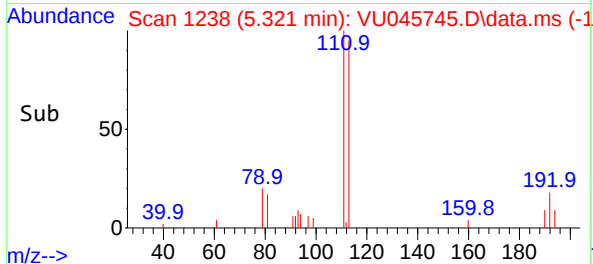
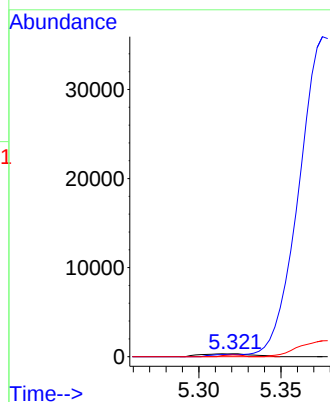
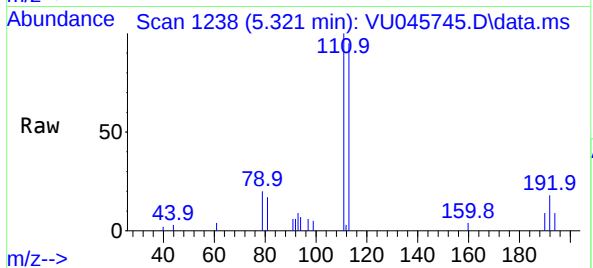




#32
1,1,1-Trichloroethane
Concen: 0.310 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

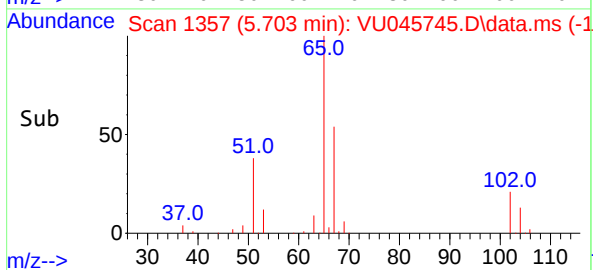
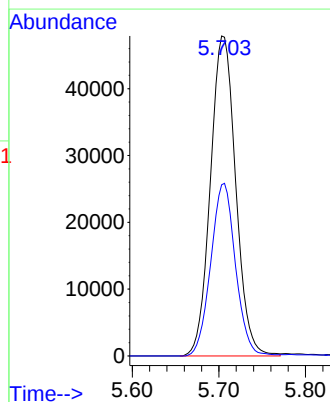
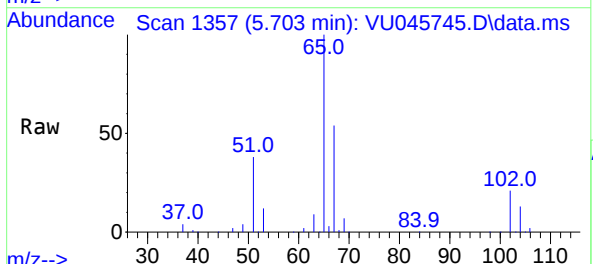
Instrument :
MSVOA_U
ClientSampleId :
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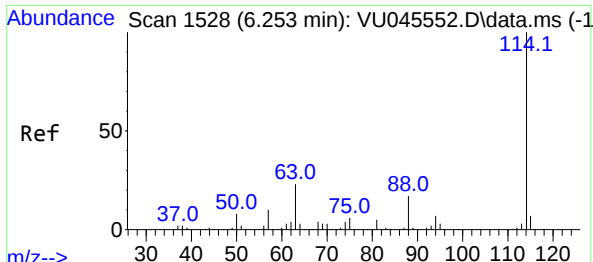
Tgt Ion:	97	Resp:	701
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	21.7	38.3	57.5#



#33
1,2-Dichloroethane-d4
Concen: 55.625 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion:	65	Resp:	97263
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8



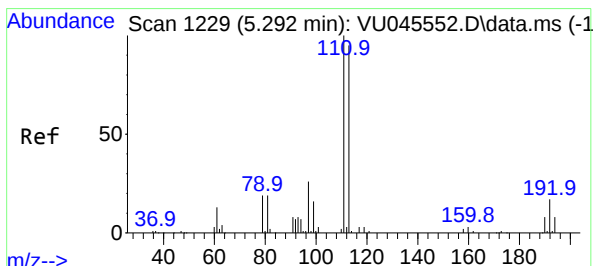
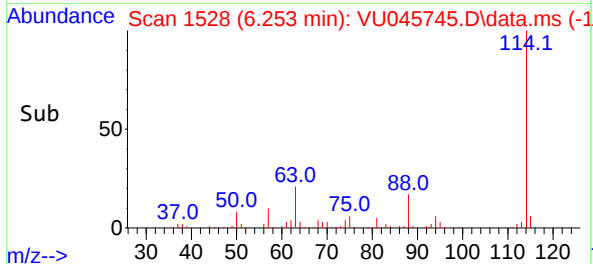
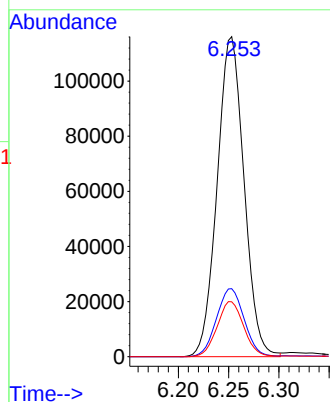
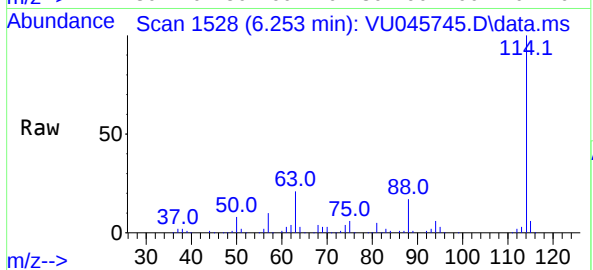


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Instrument :
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ClientSampleId :
MH-121.5T-20211109

Tgt Ion:114 Resp: 215855

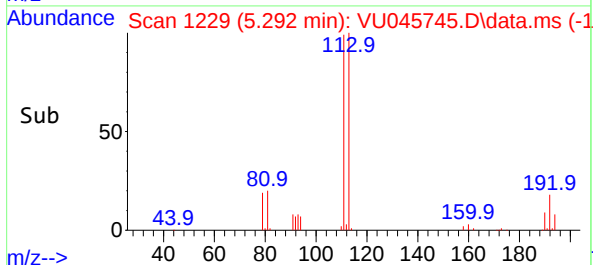
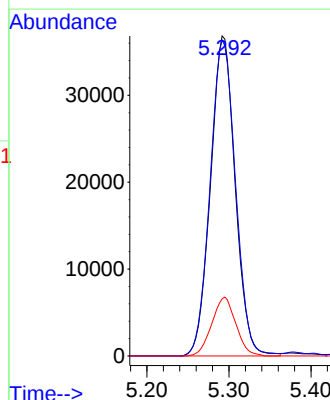
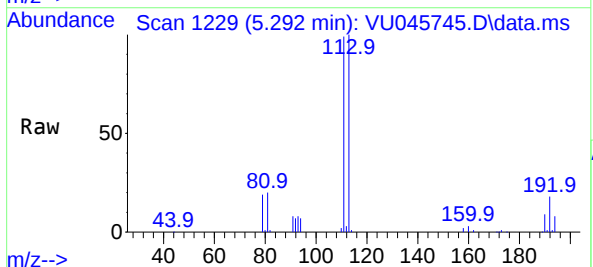
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	45.6
88	17.2	0.0	33.8

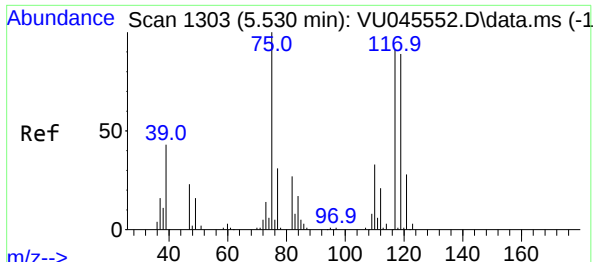


#35
Dibromofluoromethane
Concen: 53.335 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion:113 Resp: 76863

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.8	124.2
192	18.0	14.8	22.2

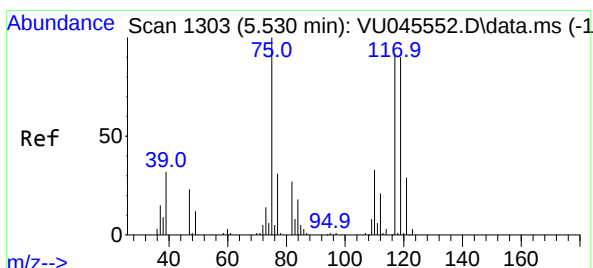
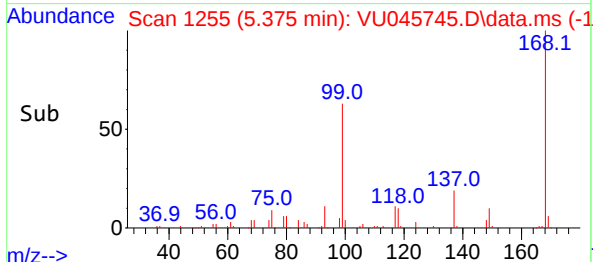
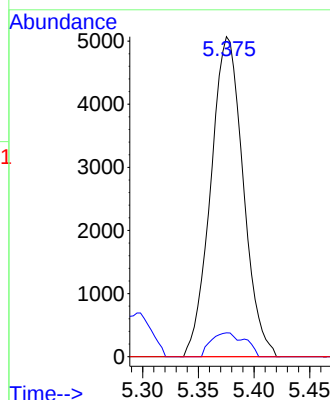
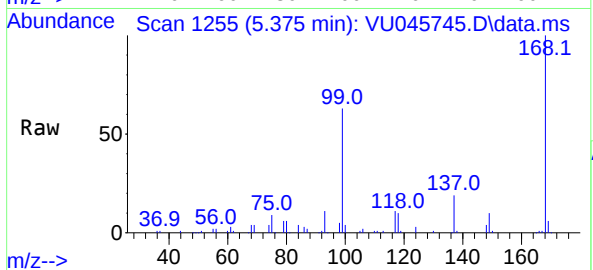




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

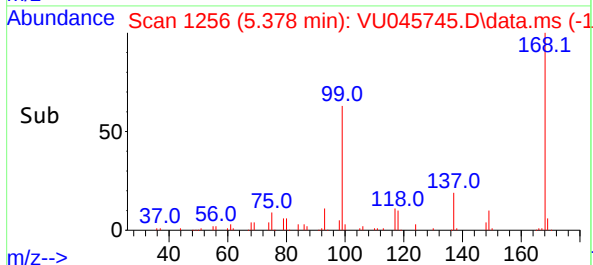
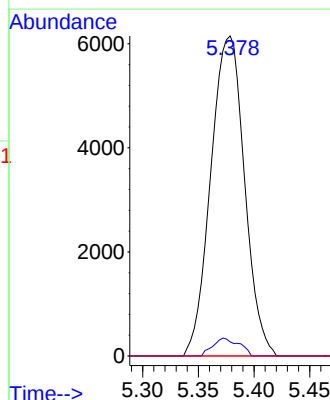
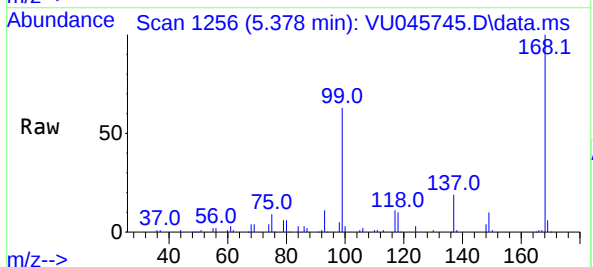
Instrument :
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MH-121.5T-20211109

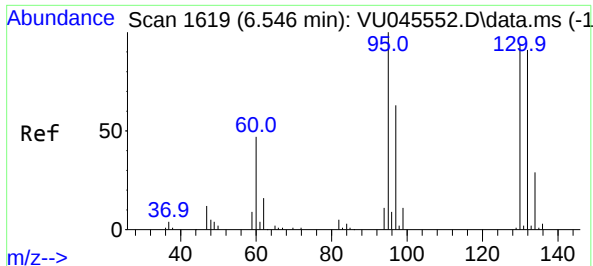
Tgt Ion:	75	Resp:	10267
Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.7	50.0#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion:	117	Resp:	12965
Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.4	116.0#
121	0.0	24.8	37.2#

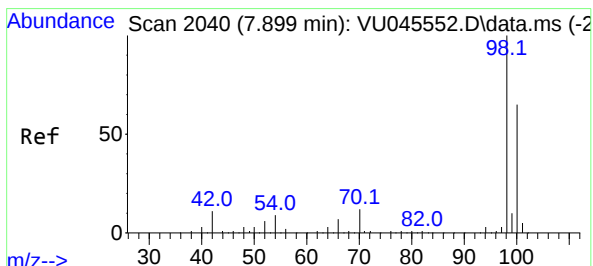
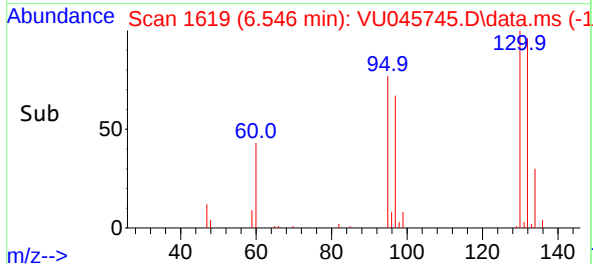
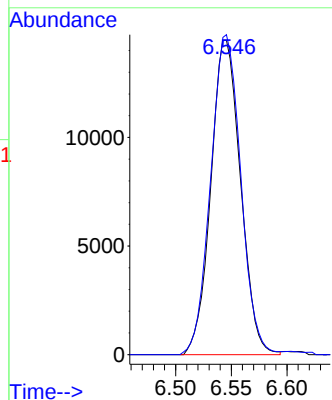
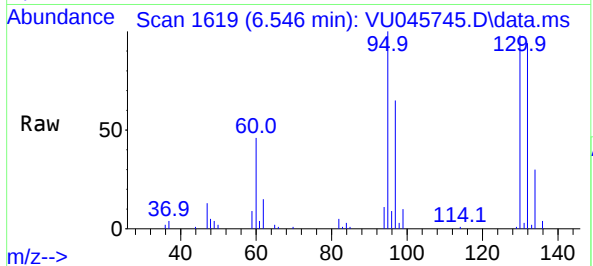




#44
Trichloroethene
Concen: 18.000 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

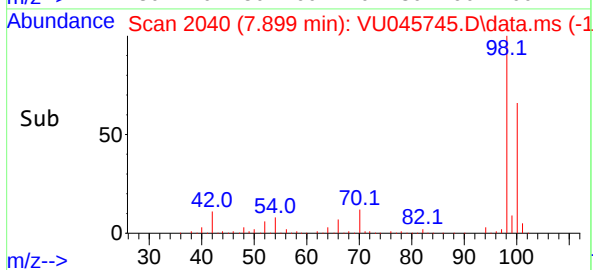
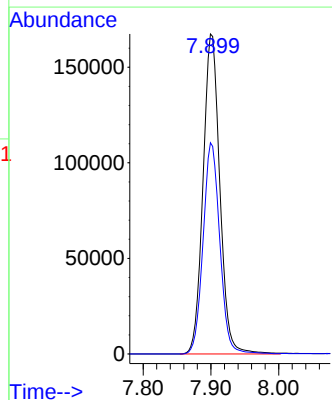
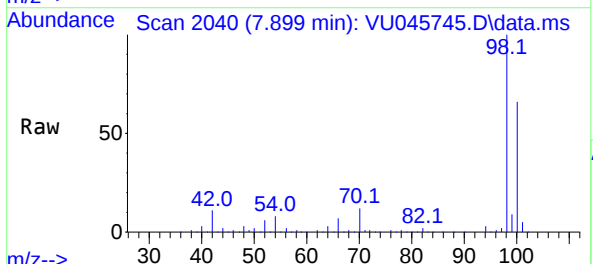
Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

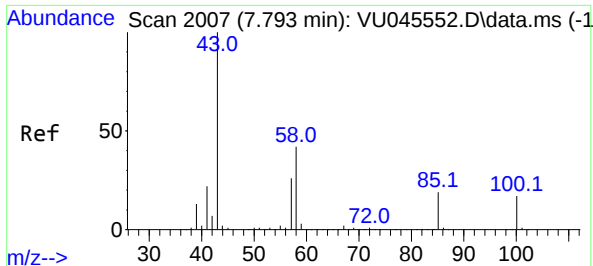
Tgt Ion:130 Resp: 26849
Ion Ratio Lower Upper
130 100
95 101.8 0.0 211.4



#50
Toluene-d8
Concen: 53.761 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 98 Resp: 288098
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

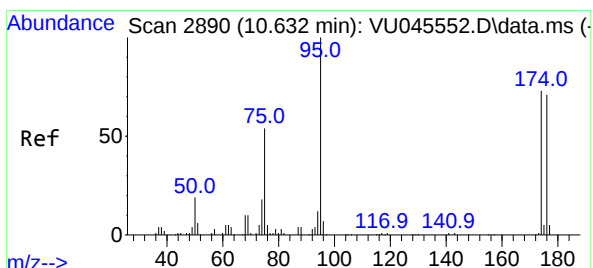
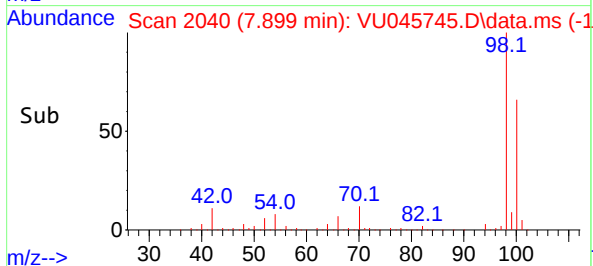
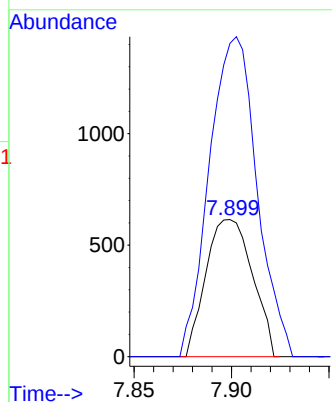
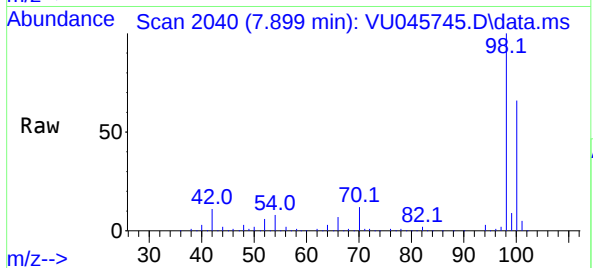




#51
4-Methyl-2-Pentanone
Concen: 0.419 ug/l
RT: 7.899 min Scan# 2007
Delta R.T. 0.106 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

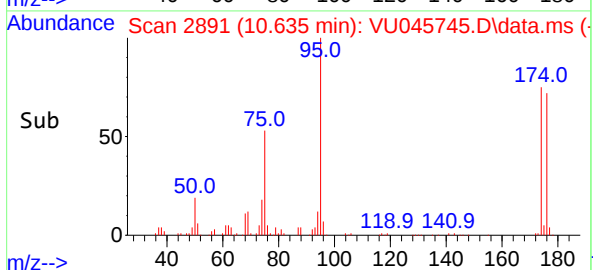
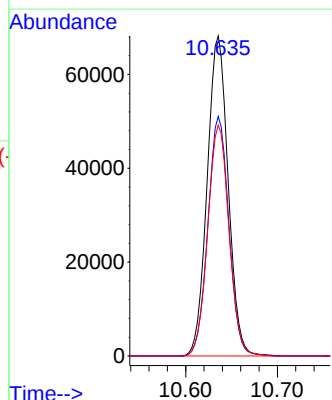
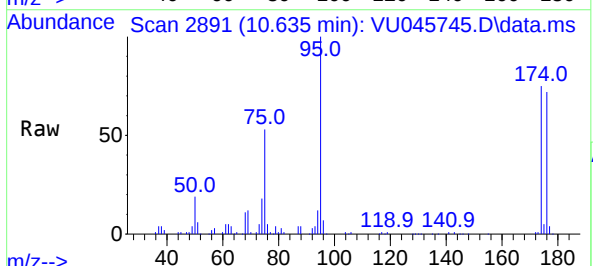
Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

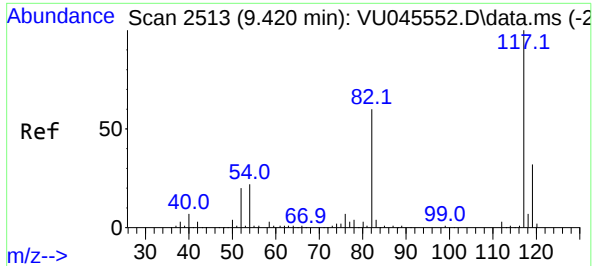
Tgt Ion: 43 Resp: 1022
Ion Ratio Lower Upper
43 100
58 238.5 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.419 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 95 Resp: 108346
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 72.9 0.0 138.2

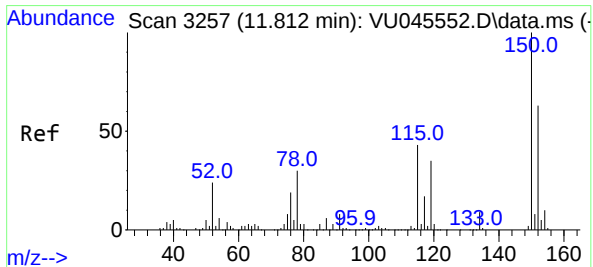
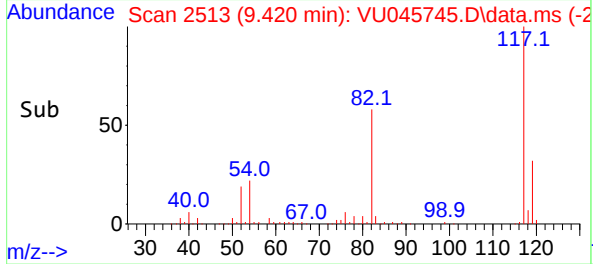
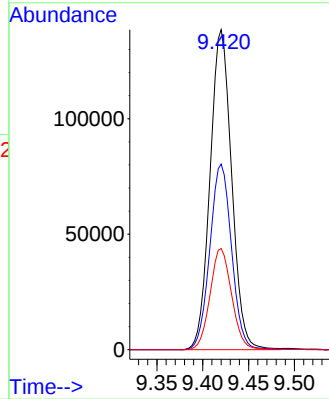
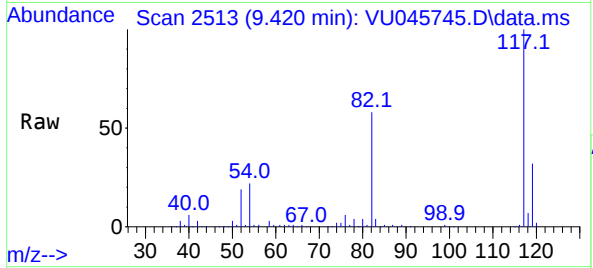




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

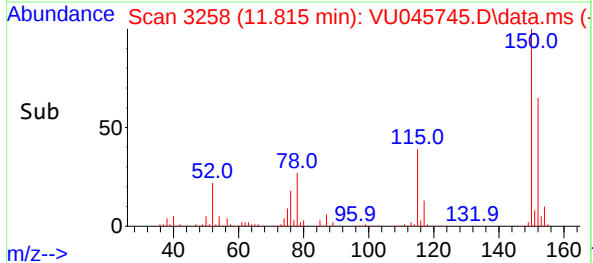
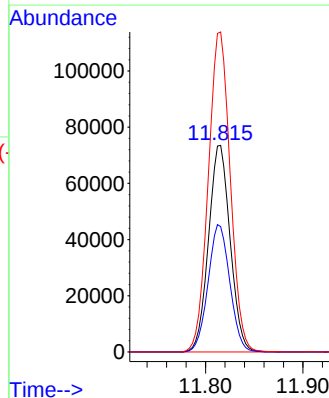
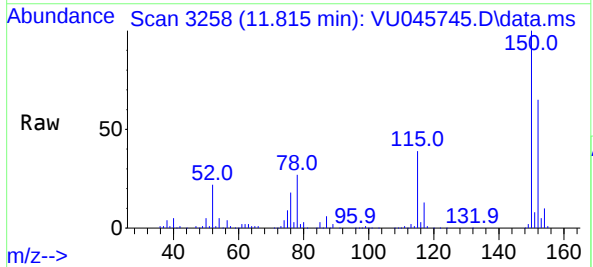
Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

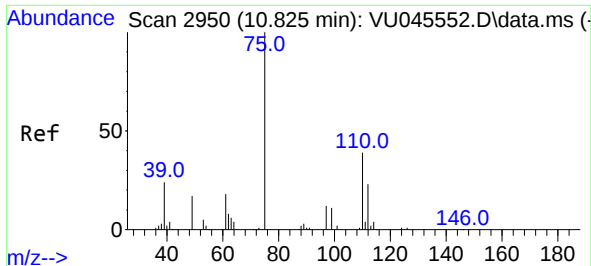
Tgt Ion:117 Resp: 226821
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion:152 Resp: 113326
Ion Ratio Lower Upper
152 100
115 61.9 42.7 128.1
150 157.1 0.0 346.8

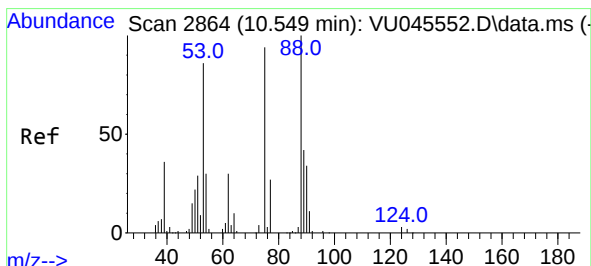
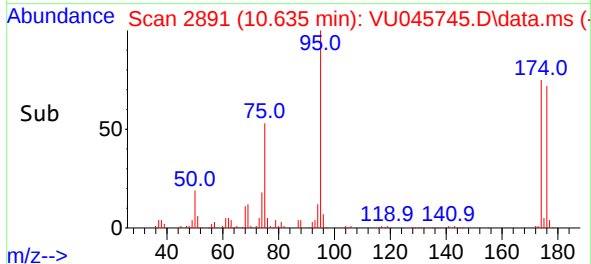
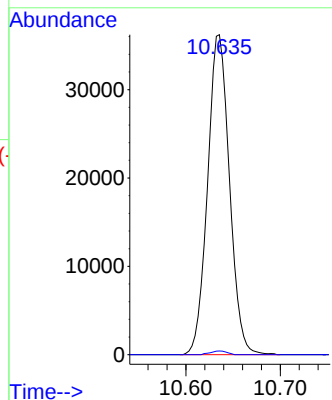
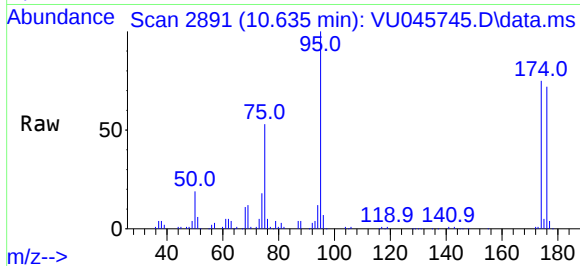




#76
1,2,3-Trichloropropane
Concen: 16.961 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Instrument :
MSVOA_U
ClientSampleId :
MH-121.5T-20211109

Tgt Ion: 75 Resp: 58290
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.230 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045745.D
Acq: 11 Nov 2021 17:46

Tgt Ion: 75 Resp: 58290
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

