

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072930.D
 Acq On : 11 May 2022 14:52
 Operator : VA/SY
 Sample : N2745-04RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-31DRE

Quant Time: May 12 02:58:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

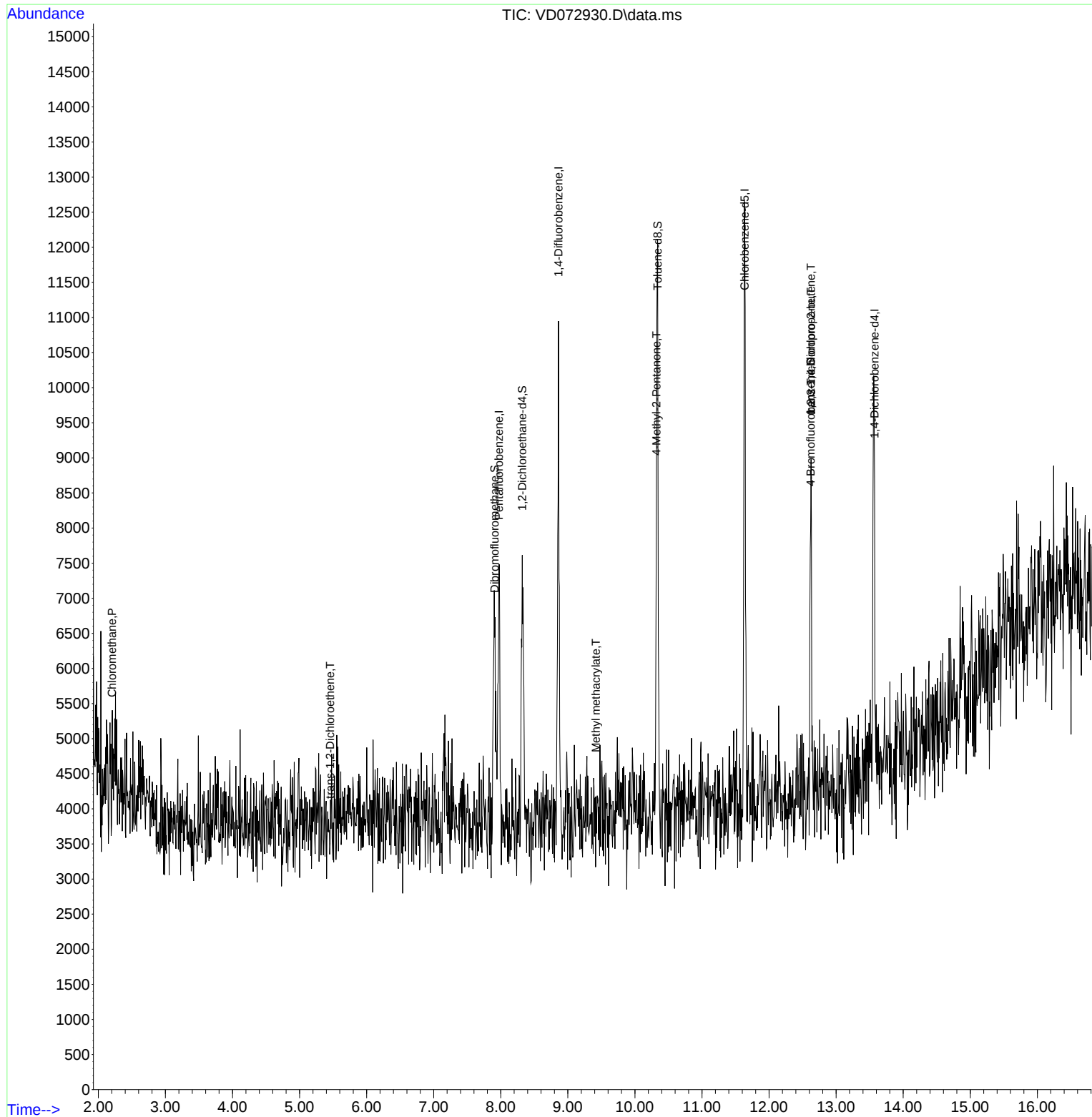
Internal Standards						
1) Pentafluorobenzene	7.973	168	3661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	5569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	5331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	1826	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	2748	57.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.908	113	2003	51.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.420%	
50) Toluene-d8	10.337	98	6439	45.895	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.800%	
62) 4-Bromofluorobenzene	12.620	95	1734	33.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	113	2.148	ug/l	# 40
16) Acetone	4.132	43	83	Below Cal	#	47
21) trans-1,2-Dichloroethene	5.455	96	83	1.639	ug/l	# 1
48) Methyl methacrylate	9.420	41	71	2.690	ug/l	# 38
51) 4-Methyl-2-Pentanone	10.320	43	57	2.033	ug/l	# 39
76) 1,2,3-Trichloropropane	12.625	75	983	48.278	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.625	75	983	111.021	ug/l	# 7

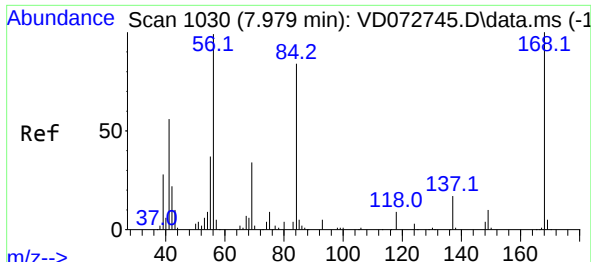
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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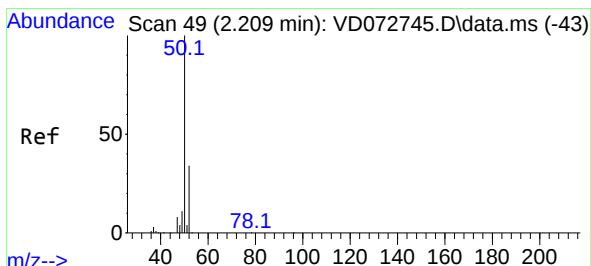
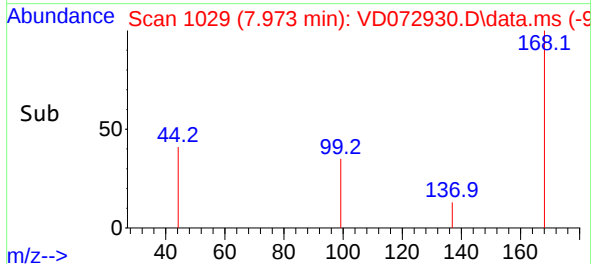
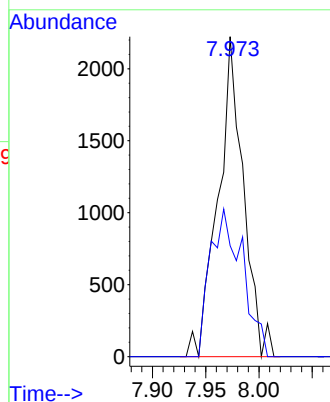
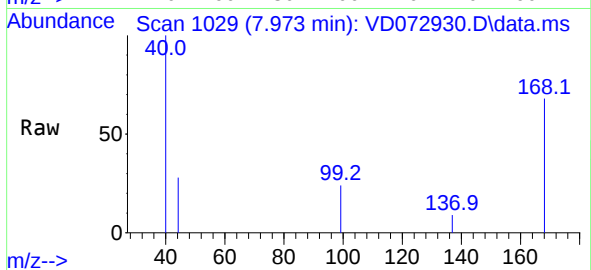




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

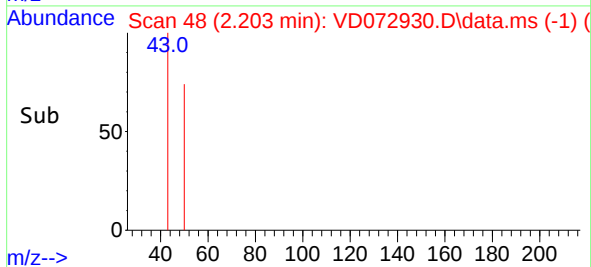
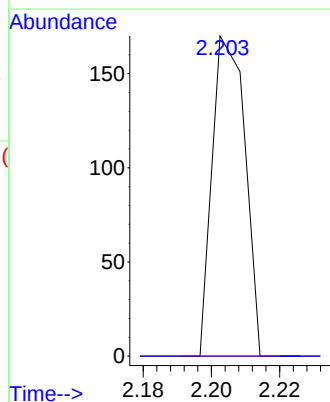
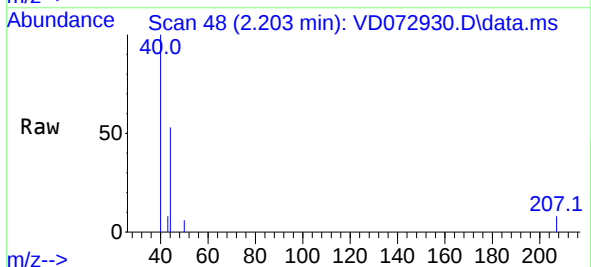
Instrument :
MSVOA_D
ClientSampleId :
MH-31DRE

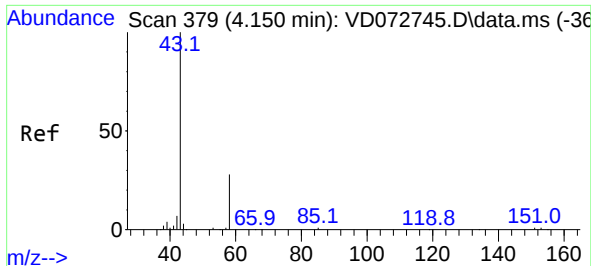
Tgt Ion:168 Resp: 3661
Ion Ratio Lower Upper
168 100
99 34.7 49.8 74.6#



#3
Chloromethane
Concen: 2.148 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

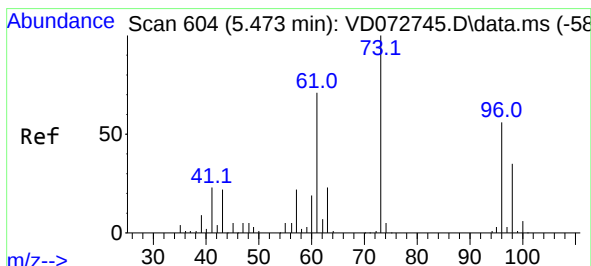
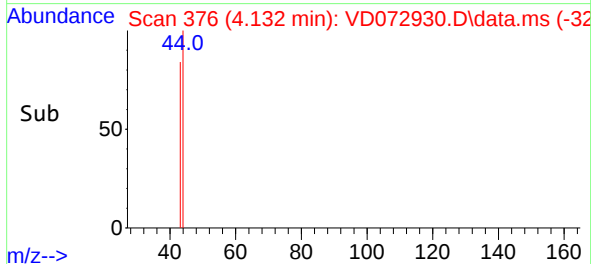
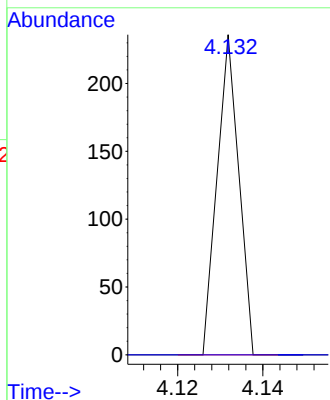
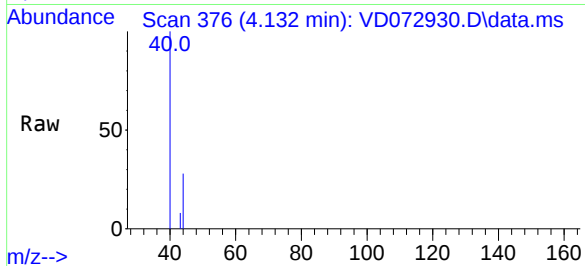




#16
Acetone
Concen: Below Cal
RT: 4.132 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

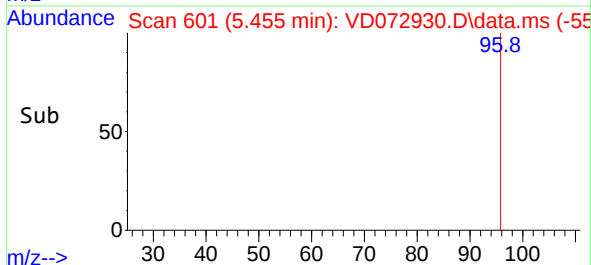
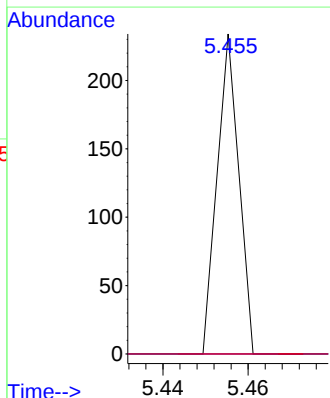
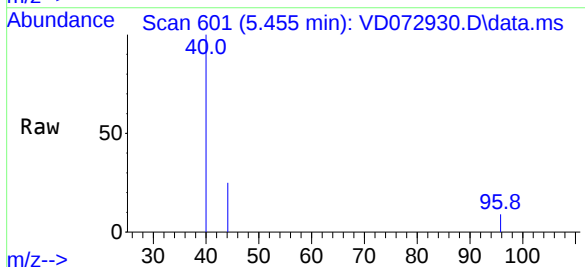
Instrument :
MSVOA_D
ClientSampleId :
MH-31DRE

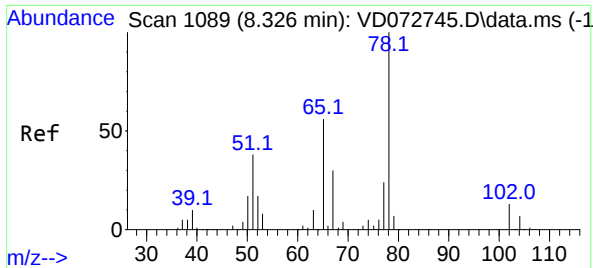
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#21
trans-1,2-Dichloroethene
Concen: 1.639 ug/l
RT: 5.455 min Scan# 601
Delta R.T. -0.018 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion: 96 Resp: 83
Ion Ratio Lower Upper
96 100
61 0.0 117.9 176.9#
98 0.0 49.4 74.2#

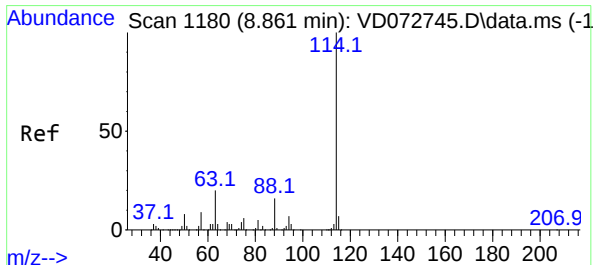
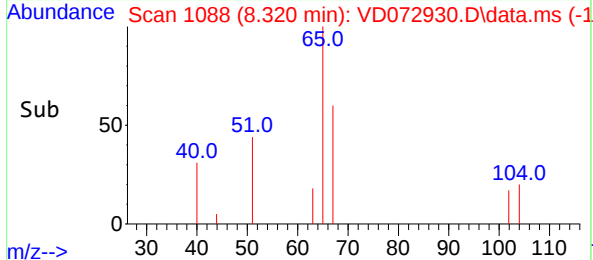
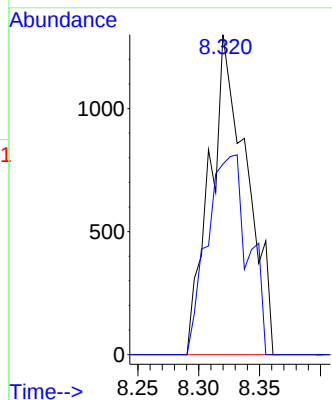
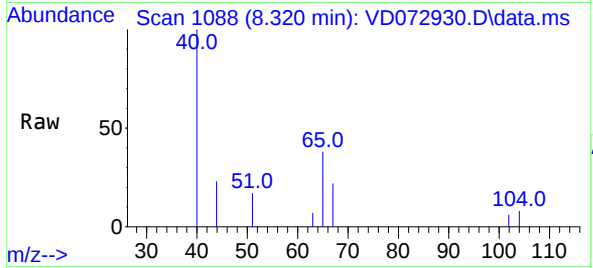




#33
1,2-Dichloroethane-d4
Concen: 57.825 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

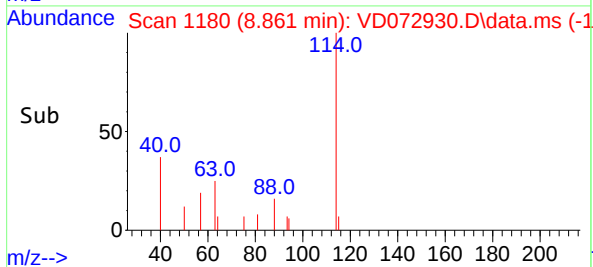
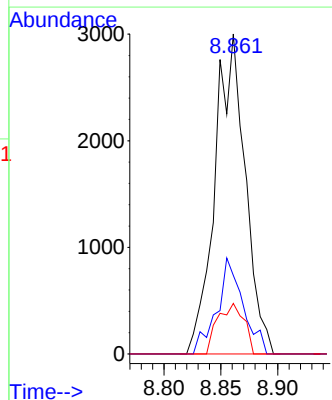
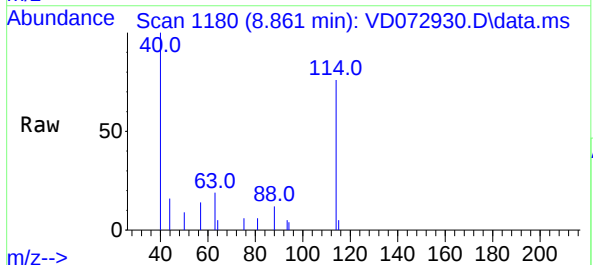
Instrument :
MSVOA_D
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MH-31DRE

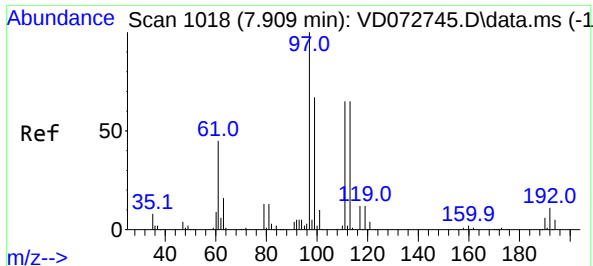
Tgt Ion: 65 Resp: 2748
Ion Ratio Lower Upper
65 100
67 69.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion: 114 Resp: 5569
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.6
88 15.8 0.0 33.2

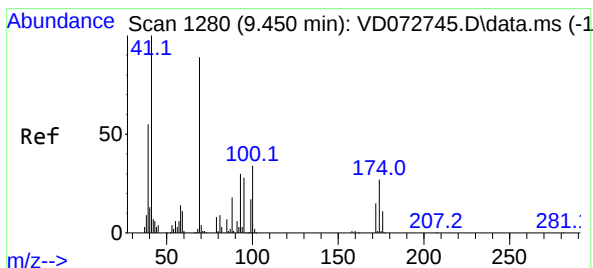
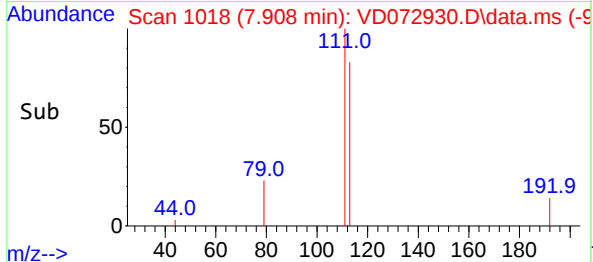
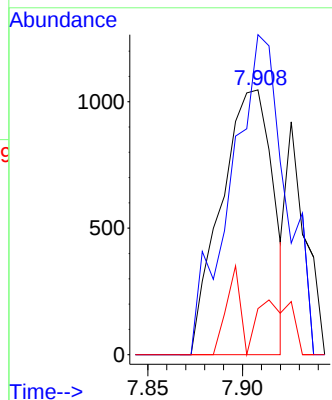
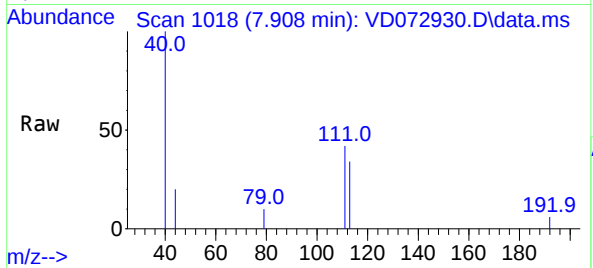




#35
Dibromofluoromethane
Concen: 51.212 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

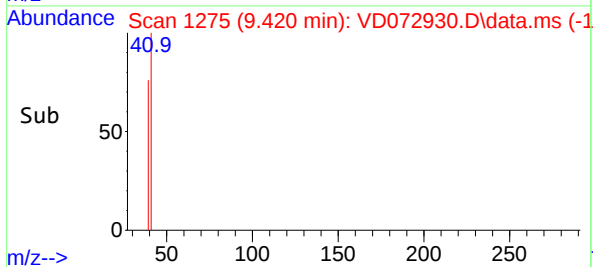
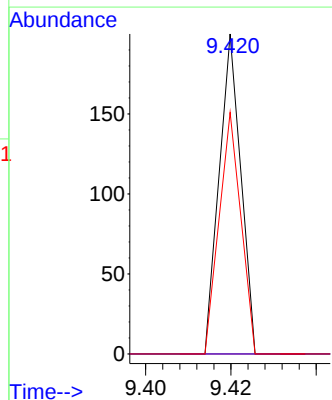
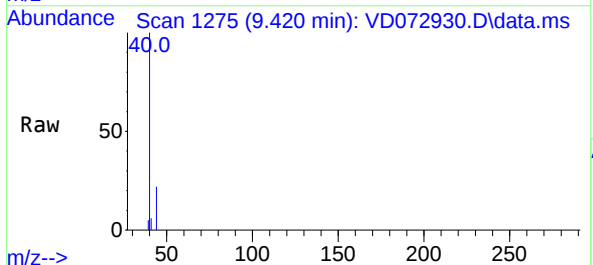
Instrument :
MSVOA_D
ClientSampleId :
MH-31DRE

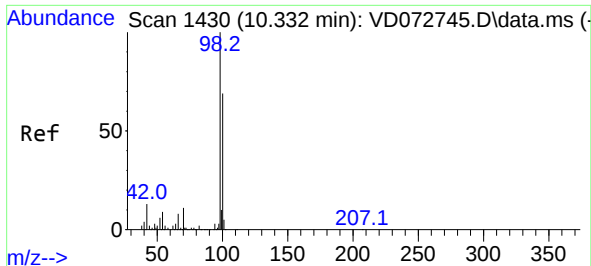
Tgt Ion:113 Resp: 2003
Ion Ratio Lower Upper
113 100
111 126.9 83.8 125.6#
192 13.6 14.6 21.8#



#48
Methyl methacrylate
Concen: 2.690 ug/l
RT: 9.420 min Scan# 1275
Delta R.T. -0.030 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion: 41 Resp: 71
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 74.6 42.7 64.1#

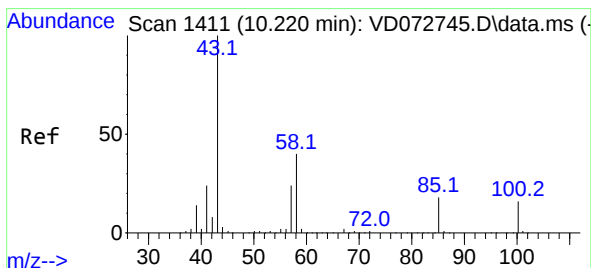
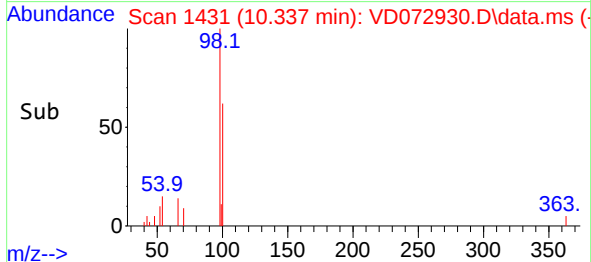
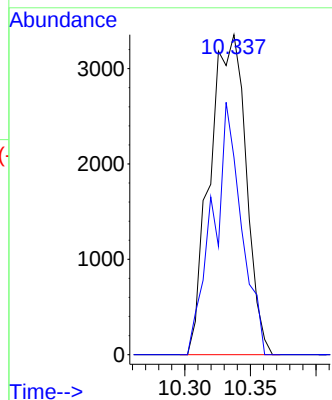
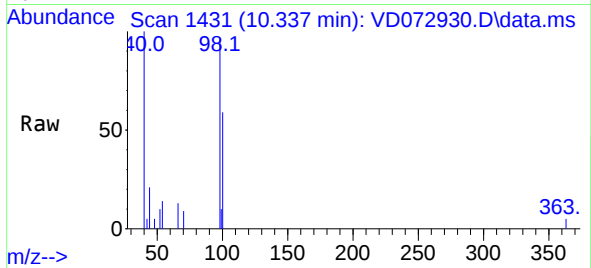




#50
Toluene-d8
Concen: 45.895 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.005 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

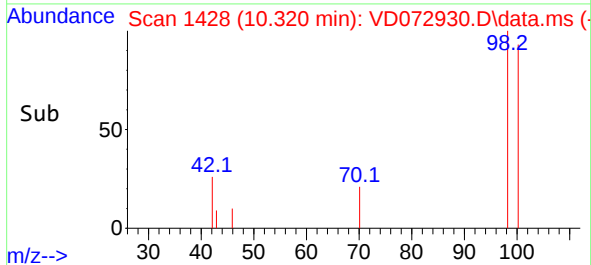
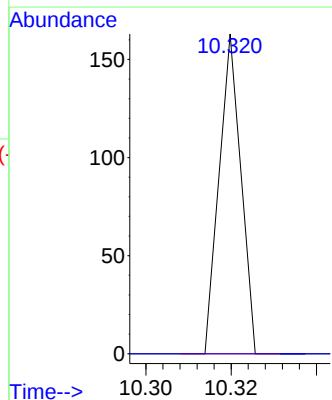
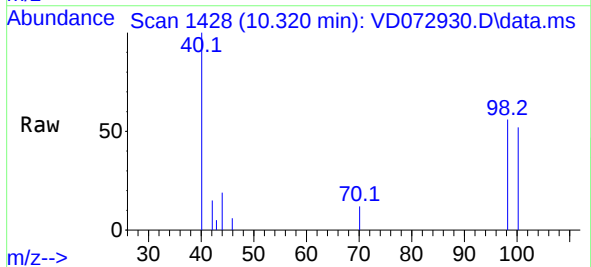
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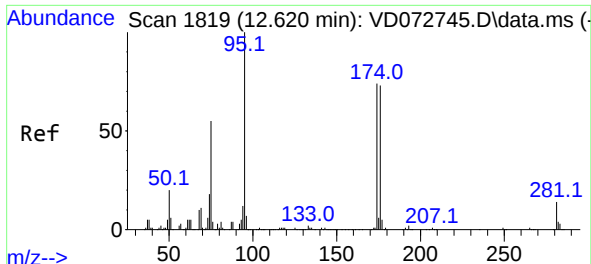
Tgt Ion: 98 Resp: 6439
Ion Ratio Lower Upper
98 100
100 62.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 2.033 ug/l
RT: 10.320 min Scan# 1428
Delta R.T. 0.100 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

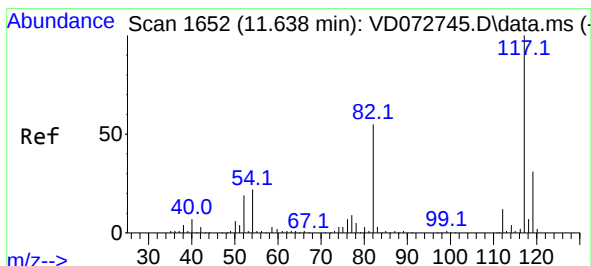
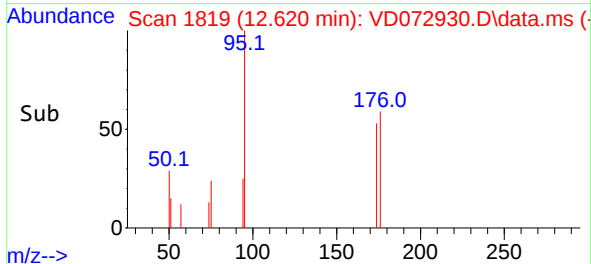
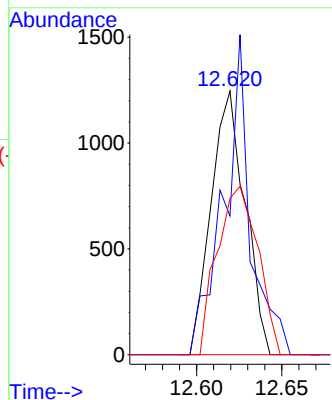
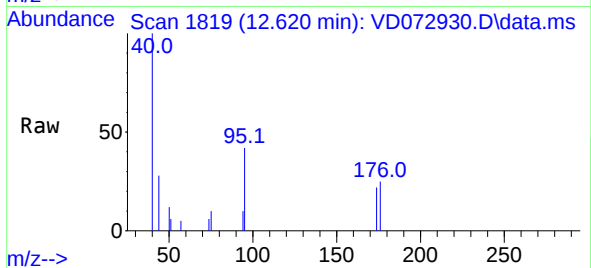




#62
4-Bromofluorobenzene
Concen: 33.147 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

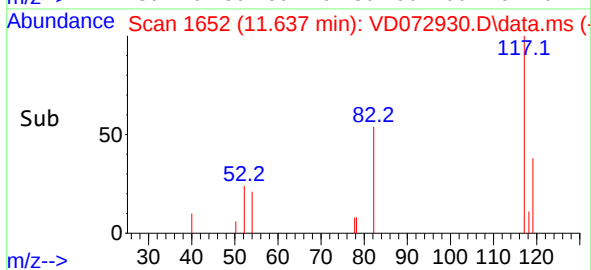
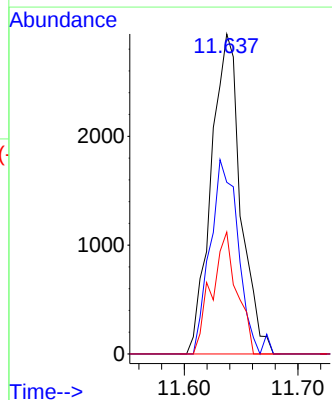
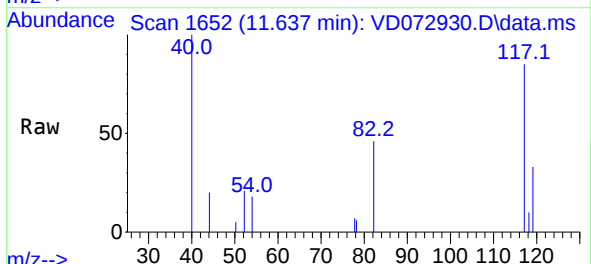
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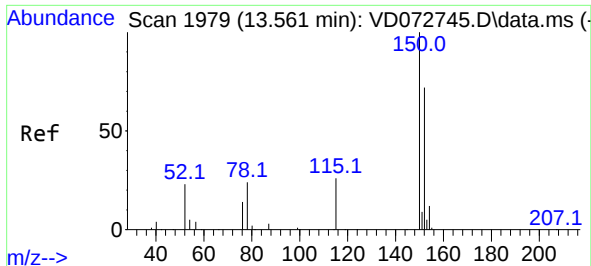
Tgt Ion:	95	Resp:	1734
Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	152.8
176	76.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion:	117	Resp:	5331
Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.3	67.9
119	38.1	26.6	40.0

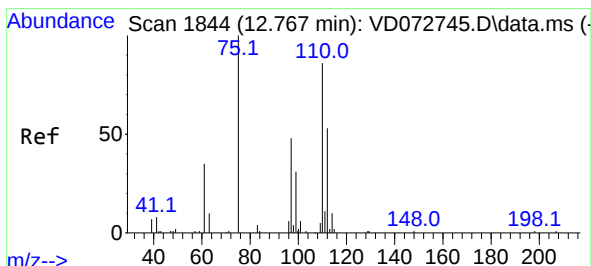
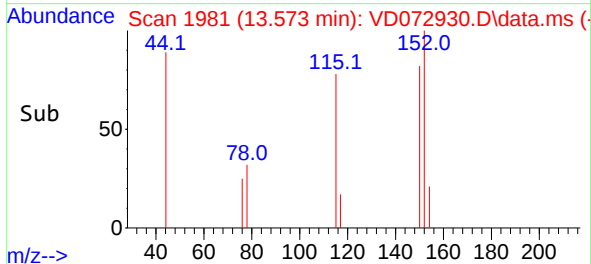
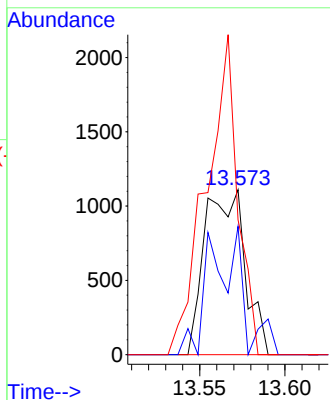
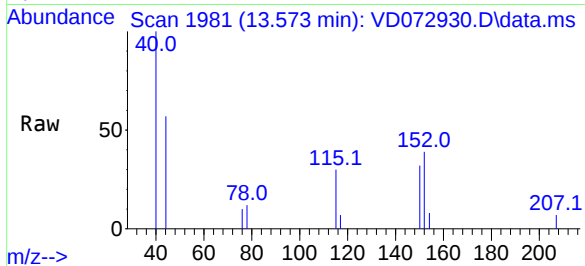




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1979
Delta R.T. 0.011 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

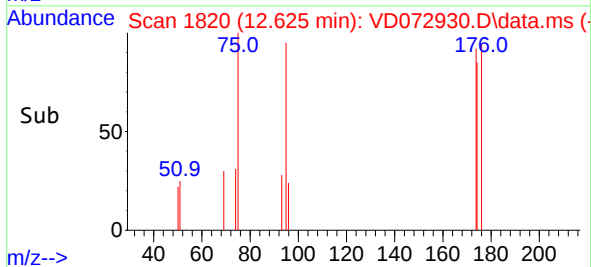
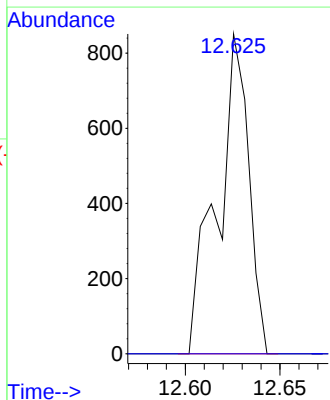
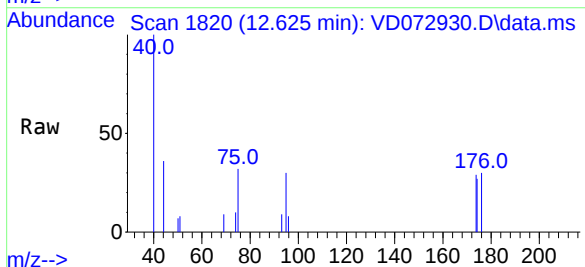
Instrument :
MSVOA_D
ClientSampleId :
MH-31DRE

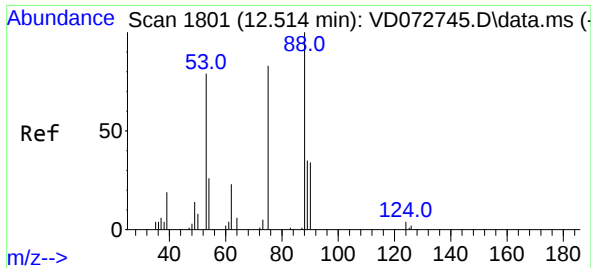
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.3	93.8
150	152.1	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 48.278 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.142 min
Lab File: VD072930.D
Acq: 11 May 2022 14:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.021 ug/l
 RT: 12.625 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VD072930.D
 Acq: 11 May 2022 14:52

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-31DRE

Tgt Ion:	75	Resp:	983
Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.0	33.9	50.9#

