

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076204.D
 Acq On : 23 May 2023 20:29
 Operator : KP/SY
 Sample : 02867-21
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP14

Quant Time: May 24 06:43:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

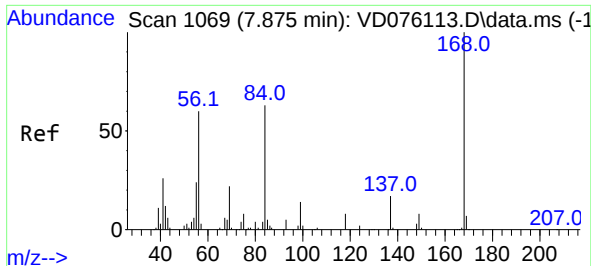
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	304686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	626220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	552217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	224553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130248	44.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.460%
35) Dibromofluoromethane	7.804	113	171085	39.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.040%
50) Toluene-d8	10.269	98	508628	30.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	60.280%
62) 4-Bromofluorobenzene	12.575	95	186393	39.766	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	650	Below Cal	#	40
17) Carbon Disulfide	4.269	76	103	Below Cal	#	73
20) Methylene Chloride	4.793	84	17776	Below Cal	#	84
31) Cyclohexane	7.869	56	6140	1.361	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	24168	4.134	ug/l #	48
38) Carbon Tetrachloride	7.875	117	28499	5.397	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	94501	48.091	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	94501	100.888	ug/l #	5

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

Quant Time: May 24 06:43:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
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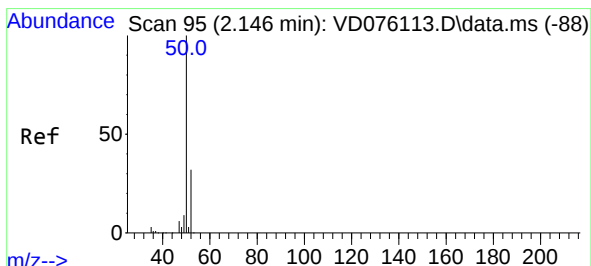
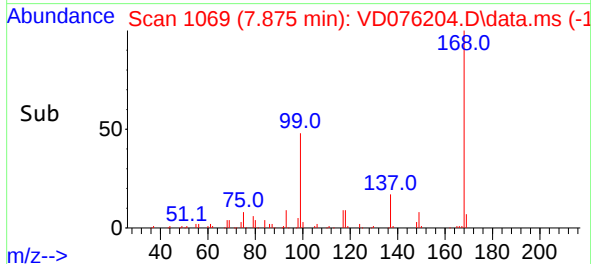
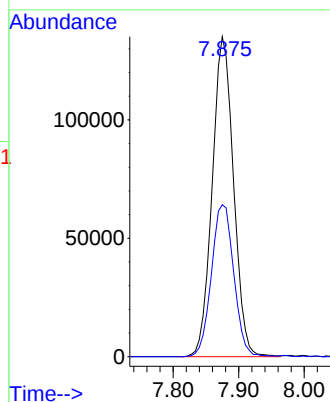
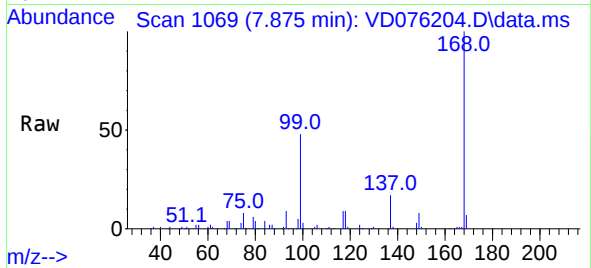




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

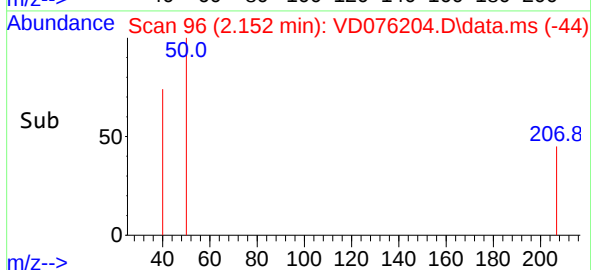
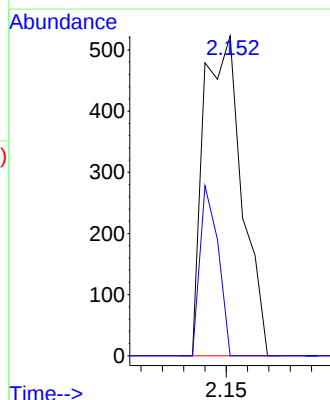
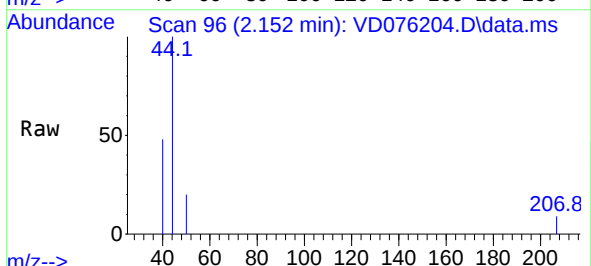
Instrument :
MSVOA_D
ClientSampleId :
TP14

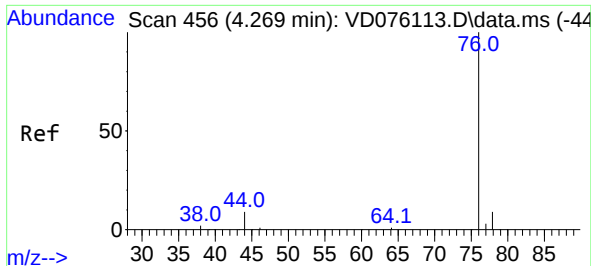
Tgt Ion:168 Resp: 304686
Ion Ratio Lower Upper
168 100
99 47.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Tgt Ion: 50 Resp: 650
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

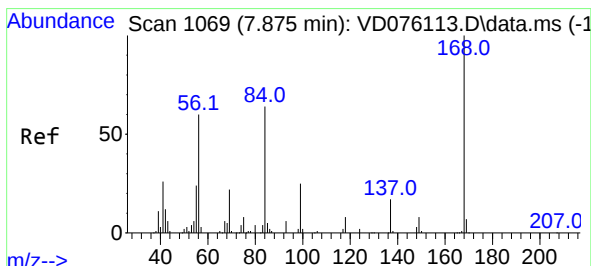
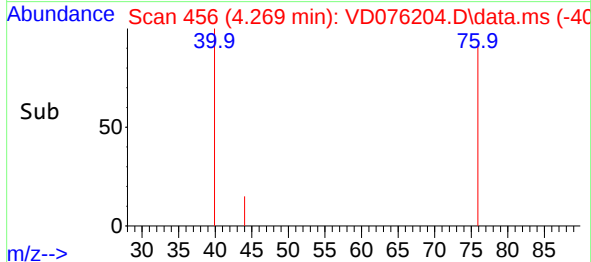
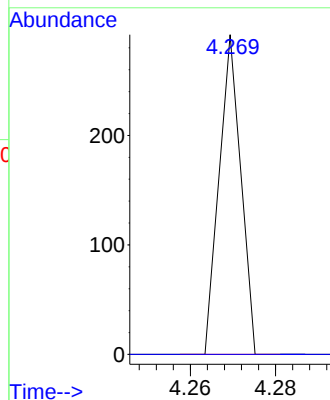
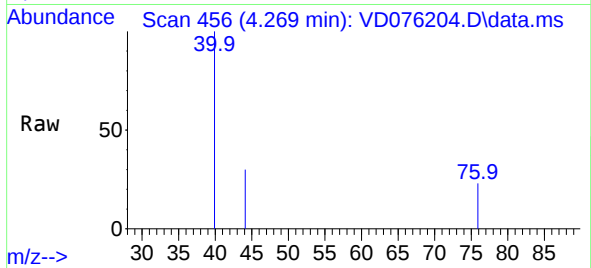




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

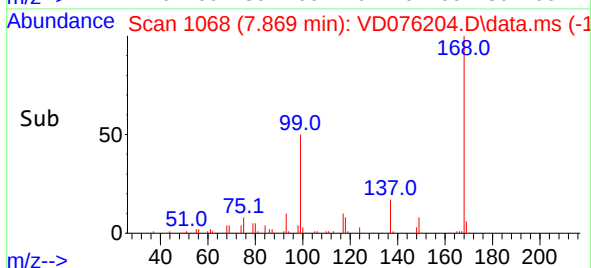
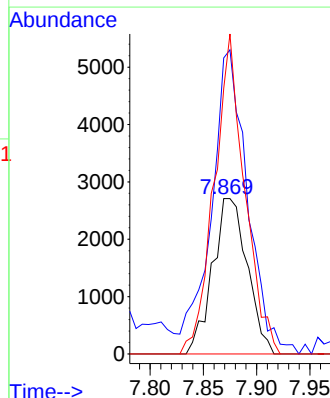
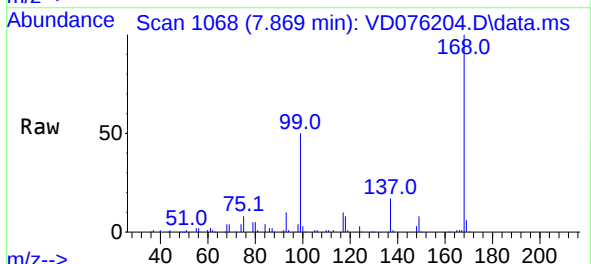
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MSVOA_D
ClientSampleId :
TP14

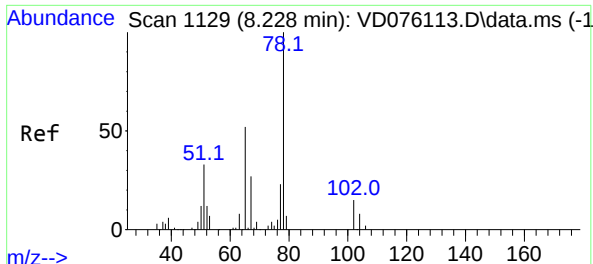
Tgt Ion: 76 Resp: 103
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Tgt Ion: 56 Resp: 6140
Ion Ratio Lower Upper
56 100
69 184.2 25.5 38.3#
84 170.7 69.6 104.4#

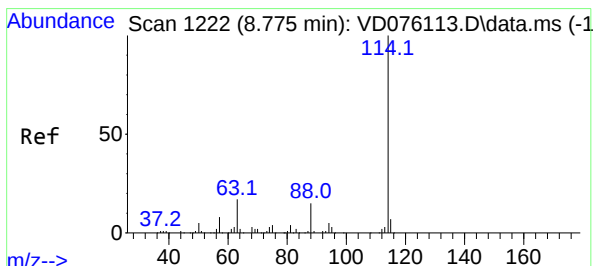
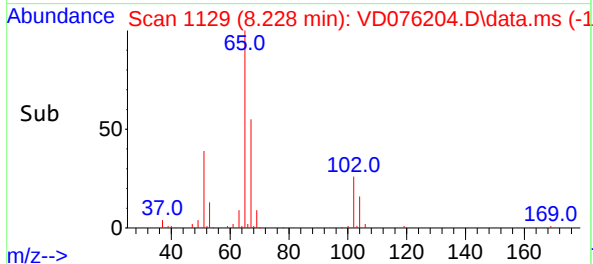
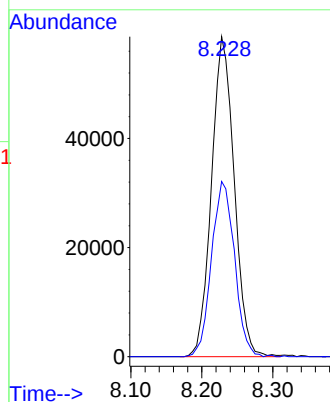
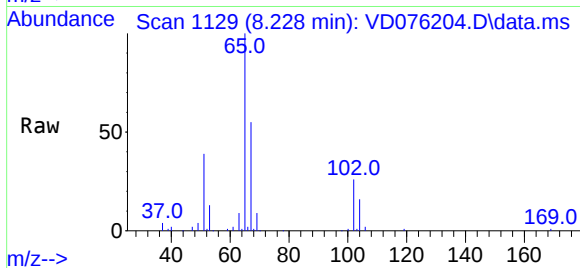




#33
1,2-Dichloroethane-d4
Concen: 44.231 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

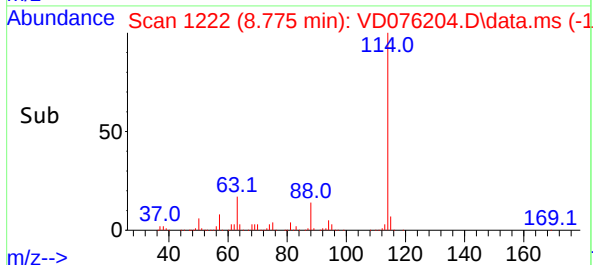
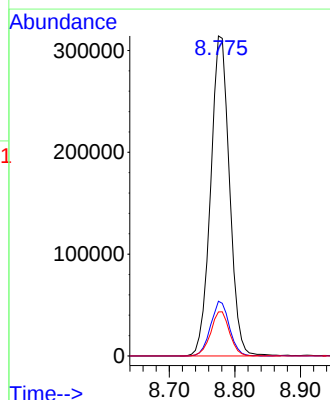
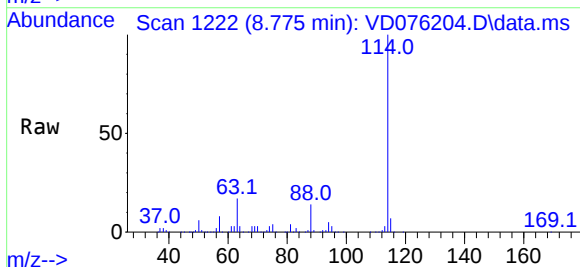
Instrument :
MSVOA_D
ClientSampleId :
TP14

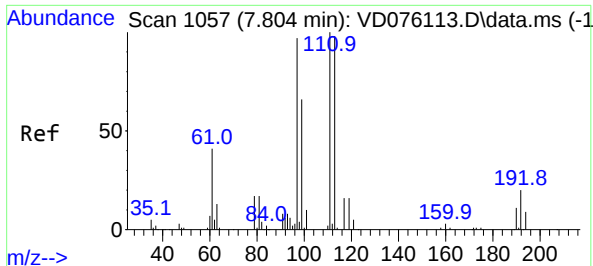
Tgt Ion: 65 Resp: 130248
Ion Ratio Lower Upper
65 100
67 55.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Tgt Ion: 114 Resp: 626220
Ion Ratio Lower Upper
114 100
63 17.1 0.0 41.6
88 13.8 0.0 30.6



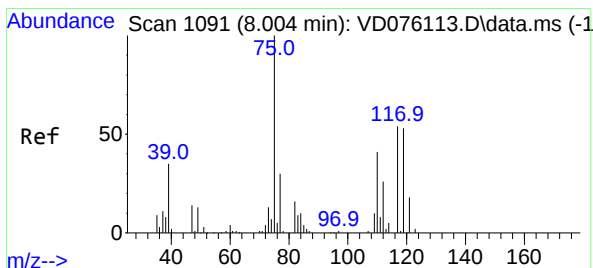
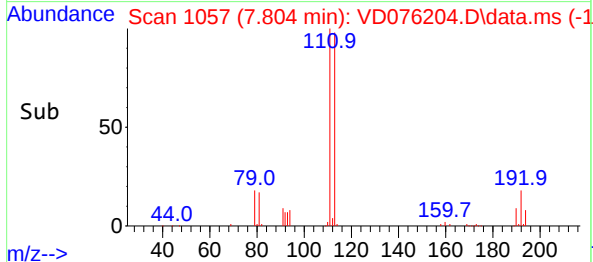
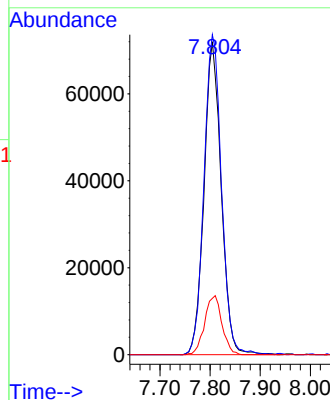
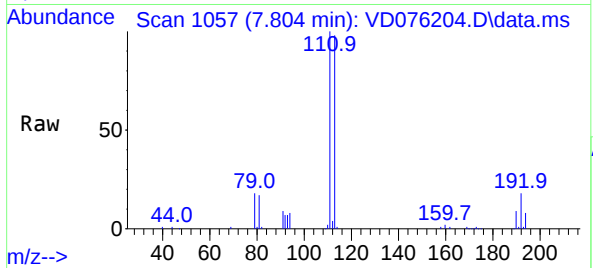


#35
Dibromofluoromethane
Concen: 39.525 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Instrument :
MSVOA_D
ClientSampleId :
TP14

Tgt Ion:113 Resp: 171085

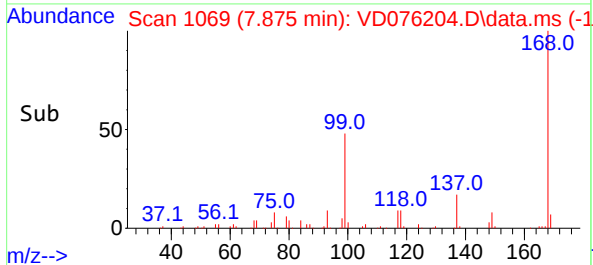
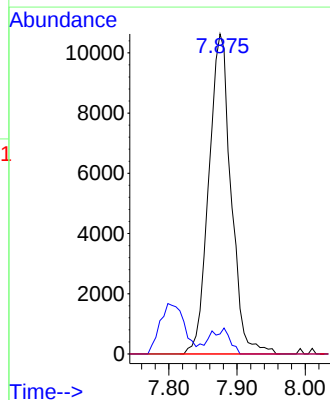
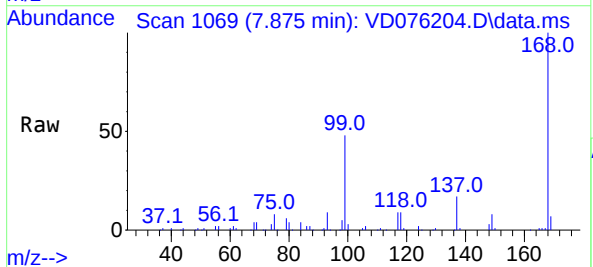
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.0
192	19.0	15.2	22.8

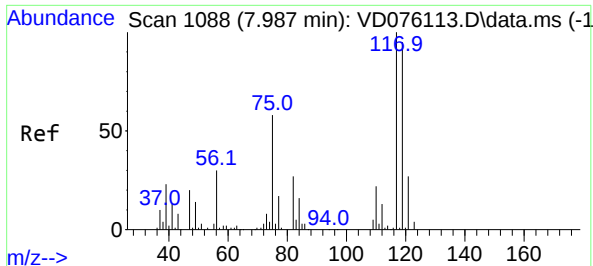


#36
1,1-Dichloropropene
Concen: 4.134 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Tgt Ion: 75 Resp: 24168

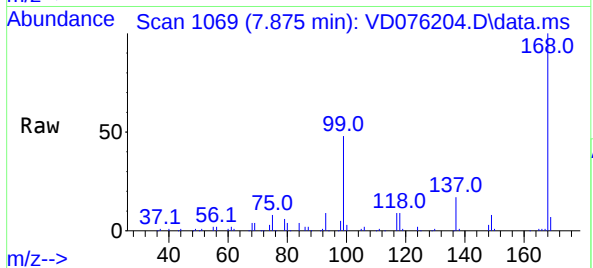
Ion	Ratio	Lower	Upper
75	100		
110	6.7	17.1	51.2#
77	0.0	24.6	36.8#



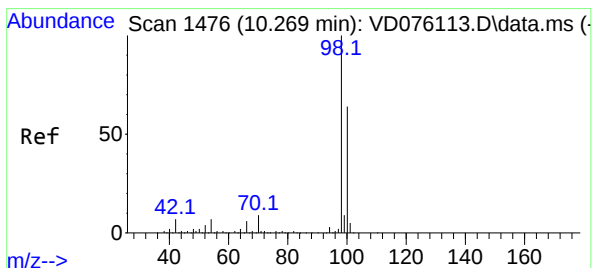
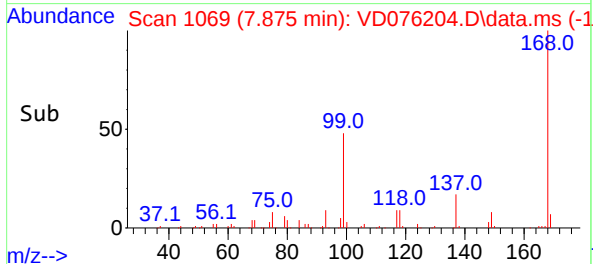
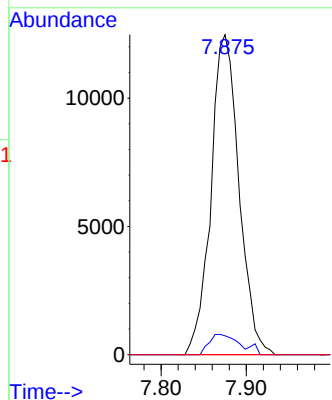


#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Instrument :
MSVOA_D
ClientSampleId :
TP14

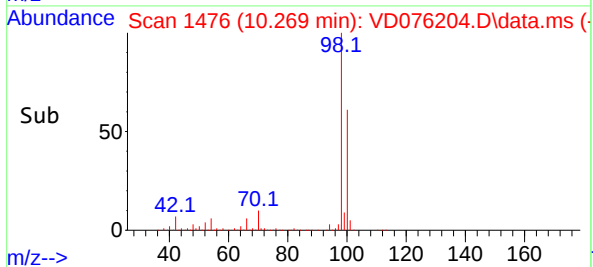
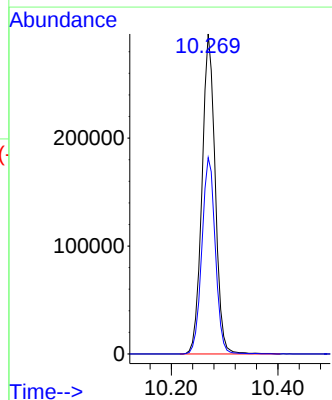
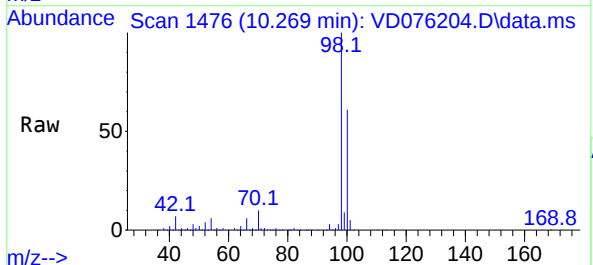


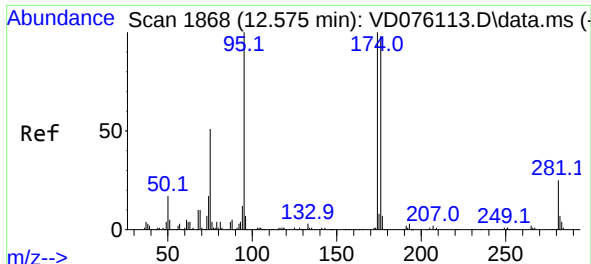
Tgt Ion:117 Resp: 28499
Ion Ratio Lower Upper
117 100
119 5.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 30.143 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Tgt Ion: 98 Resp: 508628
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1

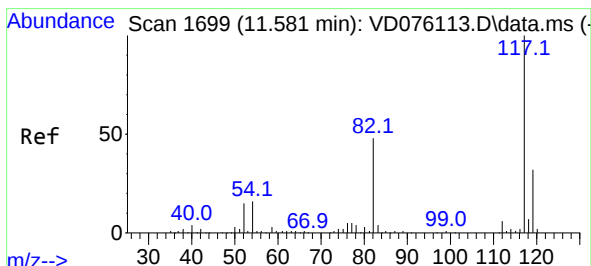
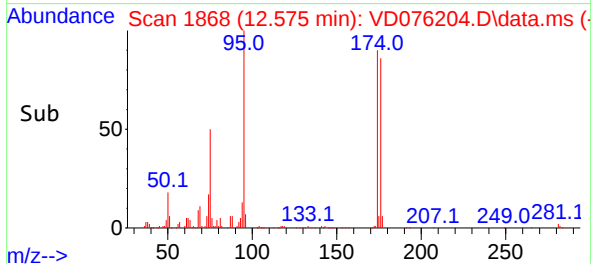
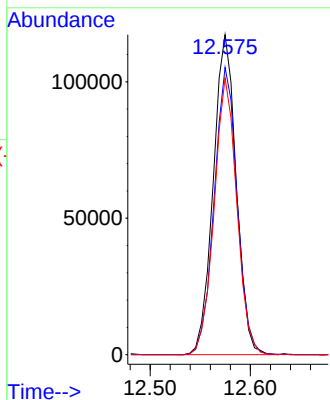
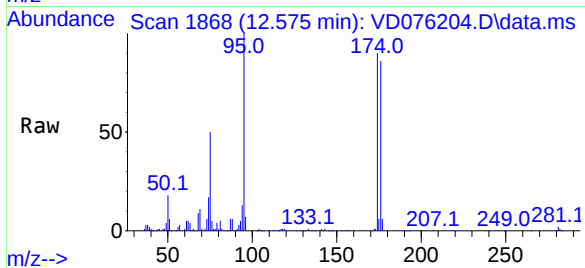




#62
4-Bromofluorobenzene
Concen: 39.766 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

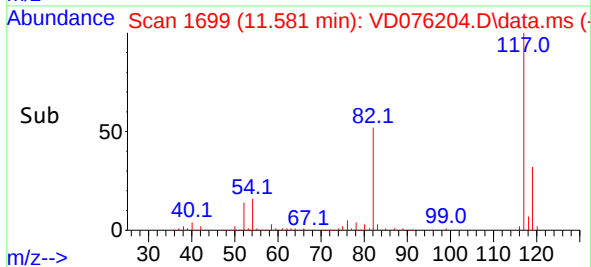
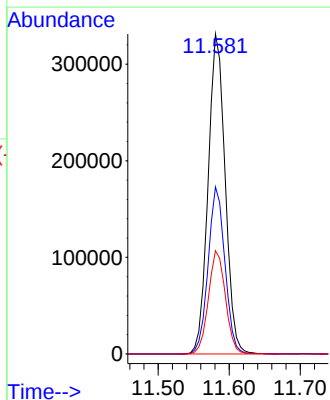
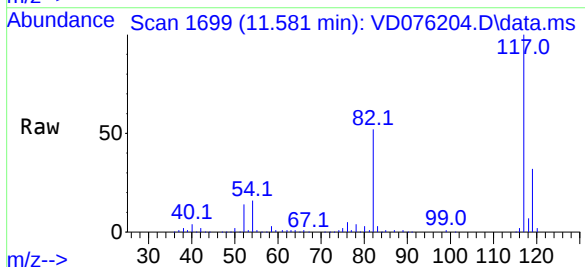
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ClientSampleId :
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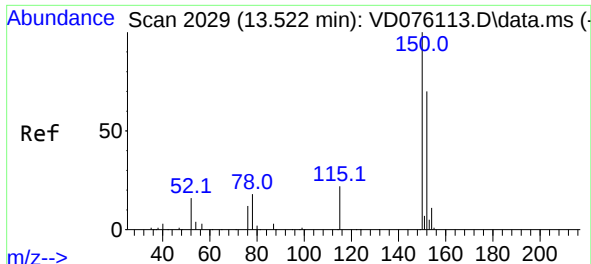
Tgt Ion: 95 Resp: 186393
Ion Ratio Lower Upper
95 100
174 89.7 0.0 164.0
176 85.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

Tgt Ion: 117 Resp: 552217
Ion Ratio Lower Upper
117 100
82 52.2 44.0 66.0
119 32.2 25.1 37.7

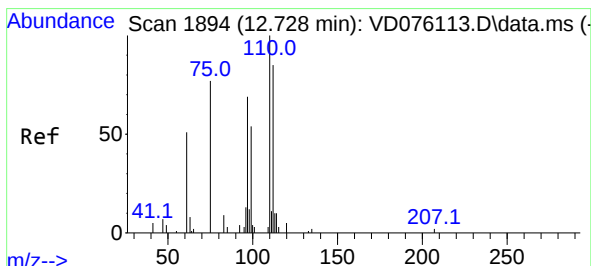
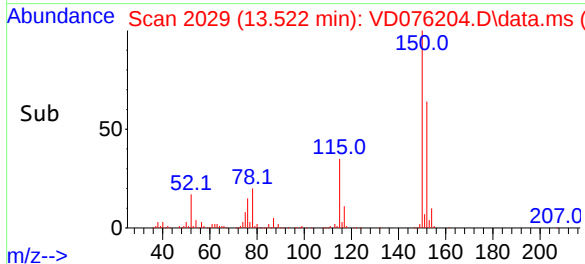
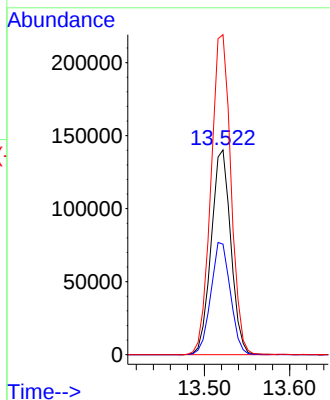
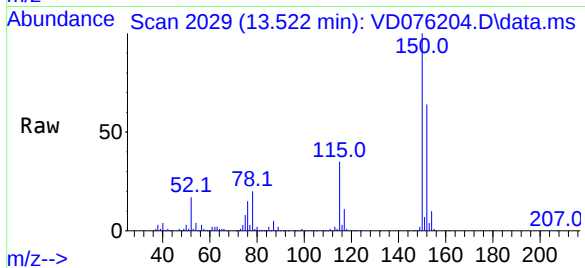




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

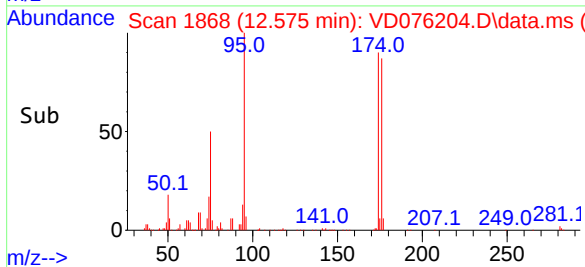
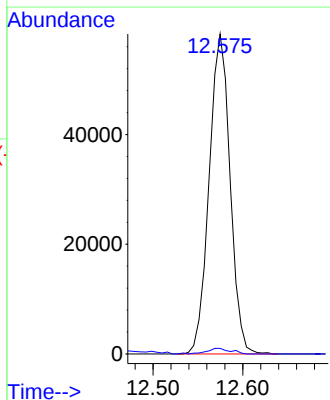
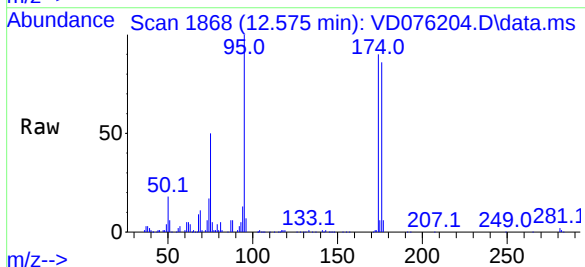
Instrument :
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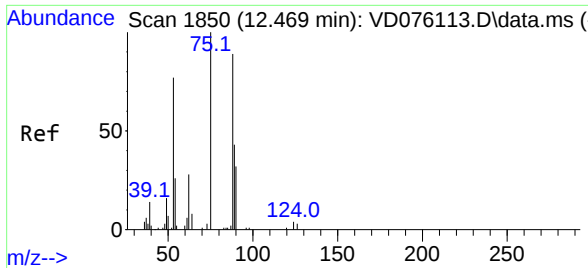
Tgt Ion:152 Resp: 224553
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 158.9 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 48.091 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076204.D
Acq: 23 May 2023 20:29

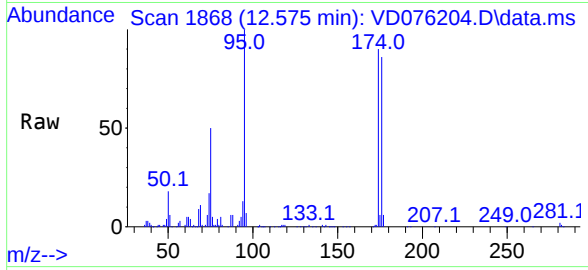
Tgt Ion: 75 Resp: 94501
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.888 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.100 min
 Lab File: VD076204.D
 Acq: 23 May 2023 20:29

Instrument :
 MSVOA_D
 ClientSampleId :
 TP14



Tgt Ion:	75	Resp:	94501
Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.1	40.2	60.4#

