

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075726.D
 Acq On : 18 Apr 2023 14:50
 Operator : KP/SY
 Sample : 02270-17
 Misc : 4.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-19-21-20230411

Quant Time: Apr 19 01:23:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

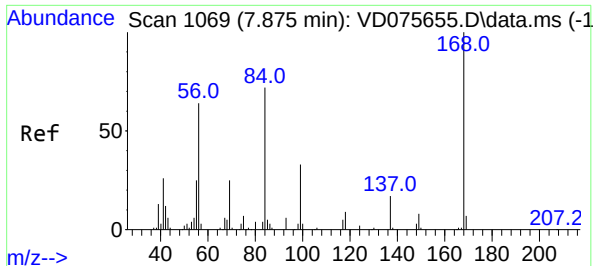
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	241227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	459647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	412925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	171018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	120076	52.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.811	113	149032	48.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.420%	
50) Toluene-d8	10.269	98	685273	55.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.575	95	138419	42.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	754	1.797	ug/l #	44
20) Methylene Chloride	4.811	84	32987	6.117	ug/l #	68
31) Cyclohexane	7.881	56	4317	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	17738	4.159	ug/l #	45
38) Carbon Tetrachloride	7.875	117	22376	5.958	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1894	1.501	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	68407	49.050	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	68407	106.311	ug/l #	5

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

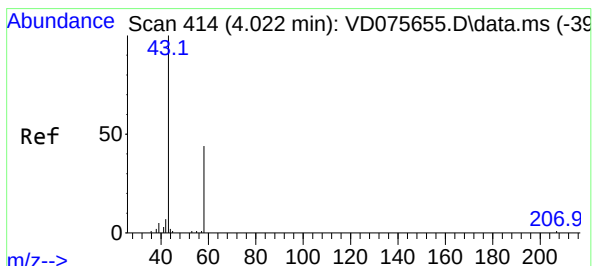
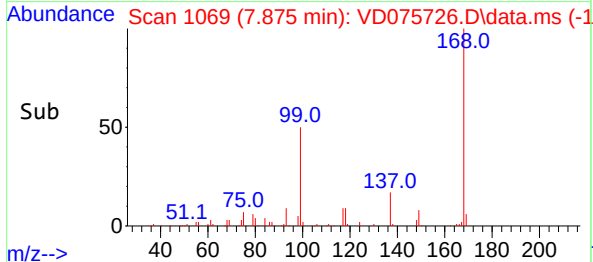
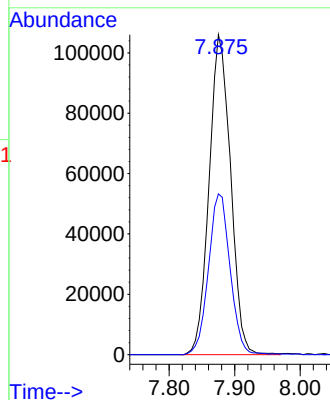
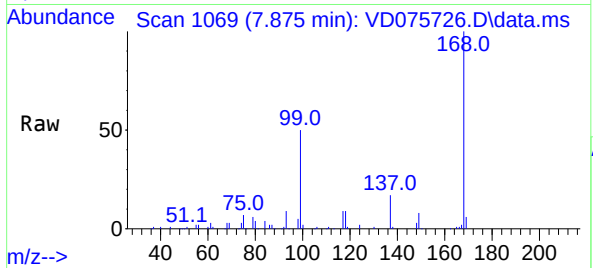




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

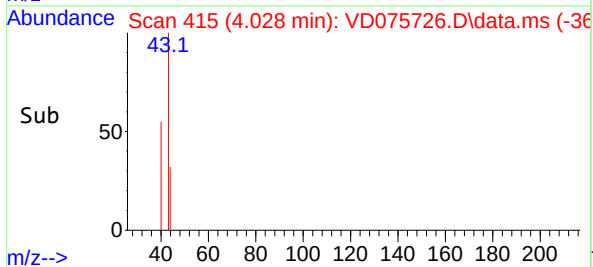
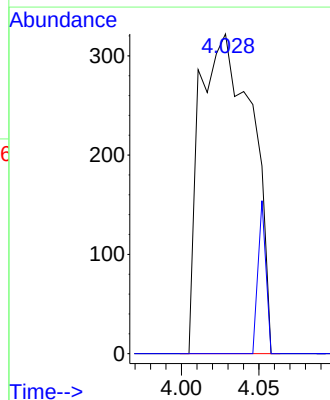
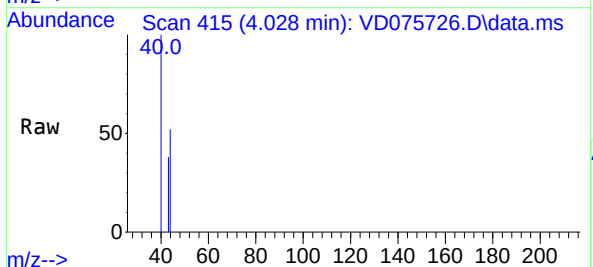
Instrument :
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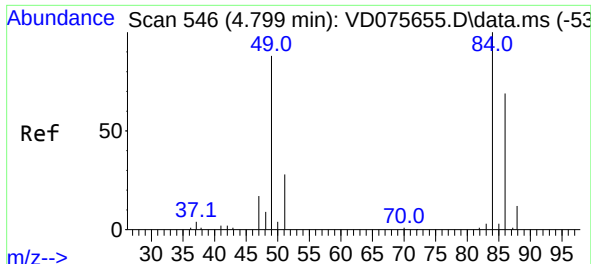
Tgt Ion:168 Resp: 241227
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#16
Acetone
Concen: 1.797 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

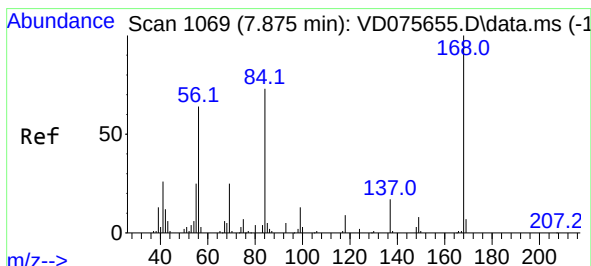
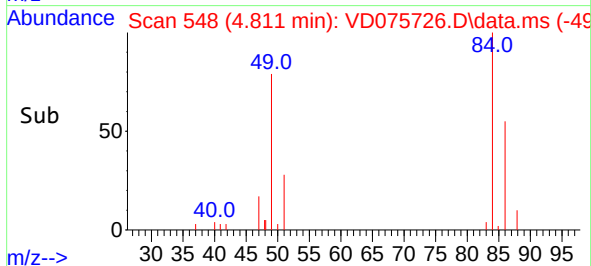
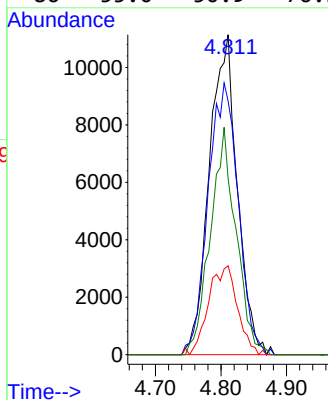
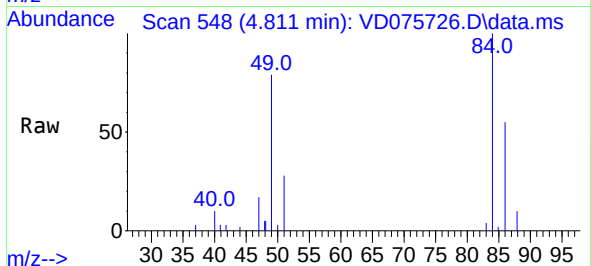




#20
Methylene Chloride
Concen: 6.117 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

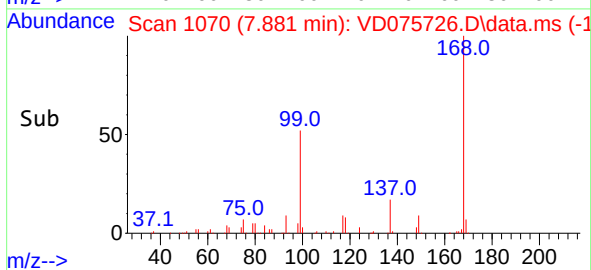
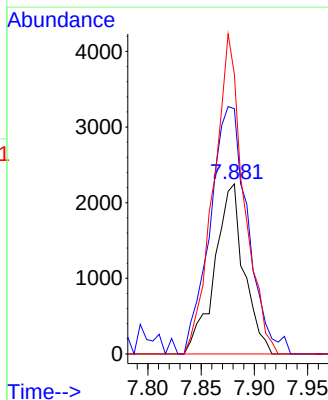
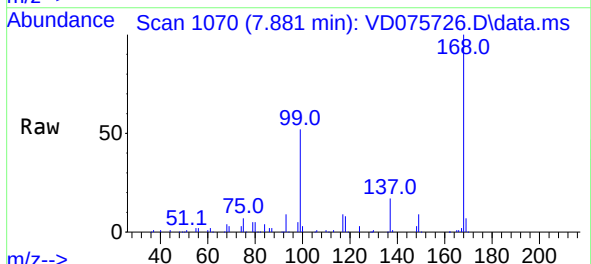
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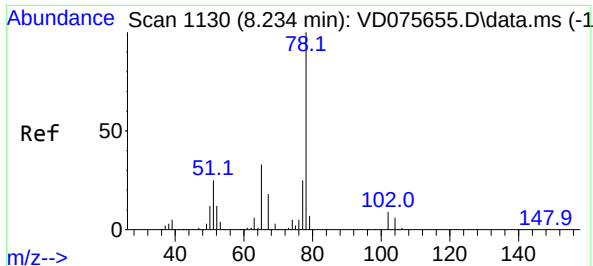
Tgt Ion: 84	Resp: 32987
Ion Ratio	Lower Upper
84	100
49	79.2 106.4 159.6#
51	27.8 32.4 48.6#
86	55.0 50.9 76.3



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion: 56	Resp: 4317
Ion Ratio	Lower Upper
56	100
69	144.3 25.5 38.3#
84	164.5 69.6 104.4#

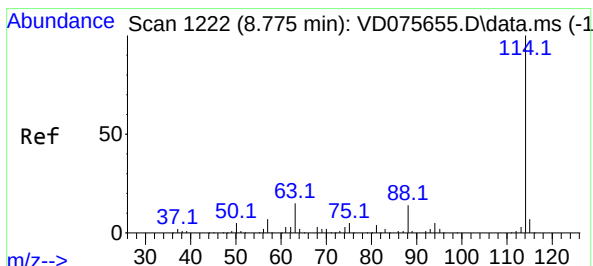
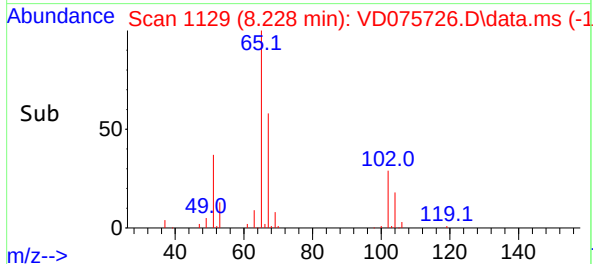
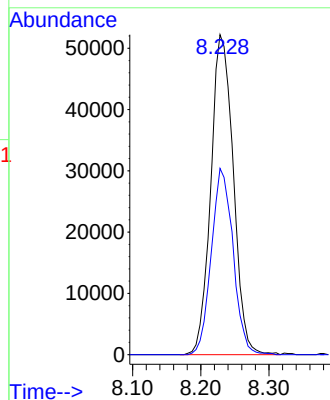
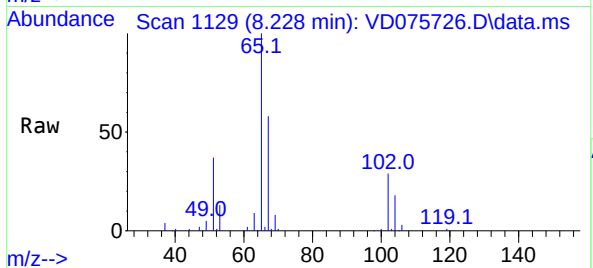




#33
1,2-Dichloroethane-d4
Concen: 52.442 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

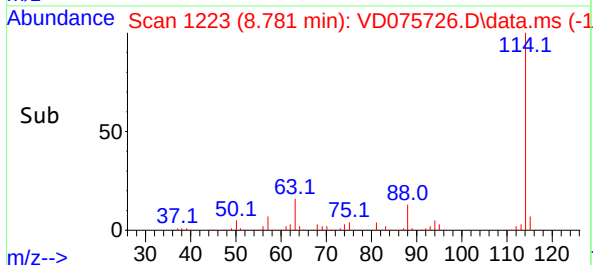
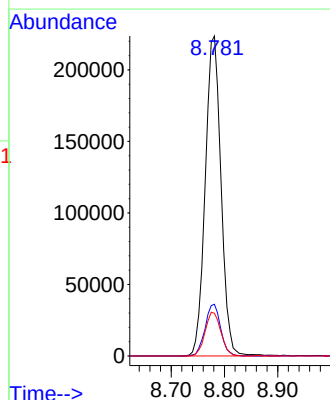
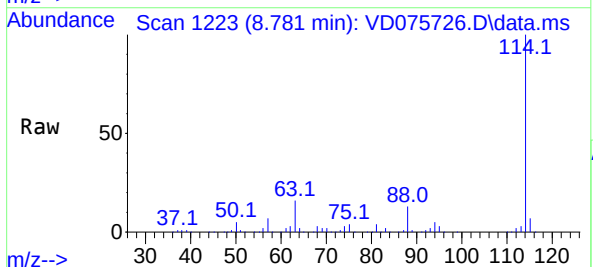
Instrument :
MSVOA_D
ClientSampleId :
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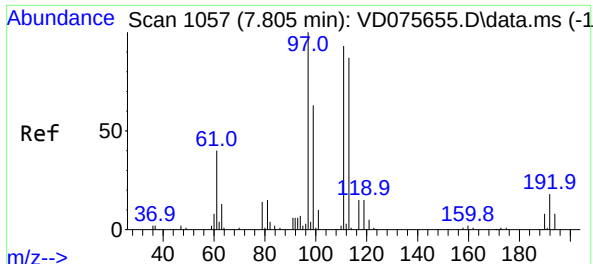
Tgt Ion: 65 Resp: 120076
Ion Ratio Lower Upper
65 100
67 56.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion:114 Resp: 459647
Ion Ratio Lower Upper
114 100
63 16.1 0.0 41.6
88 13.4 0.0 30.6

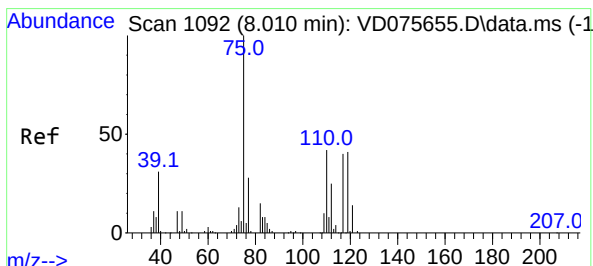
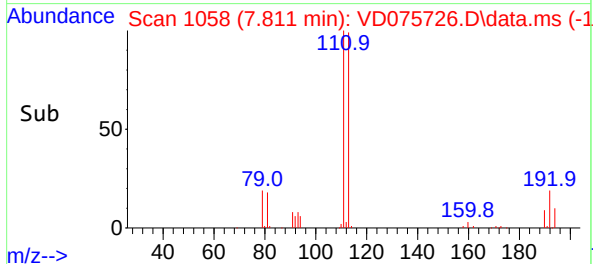
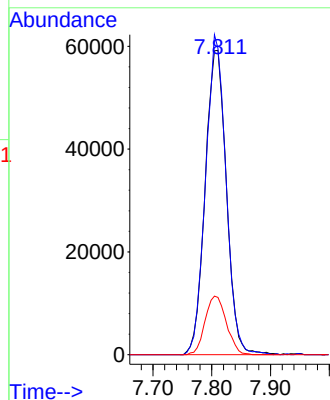
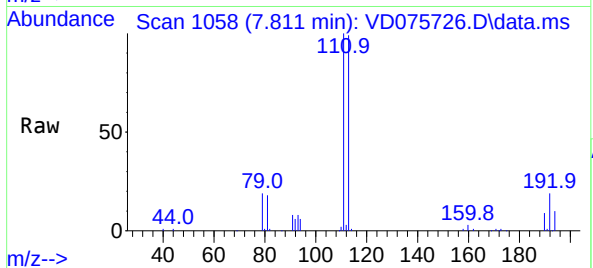




#35
Dibromofluoromethane
Concen: 48.206 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

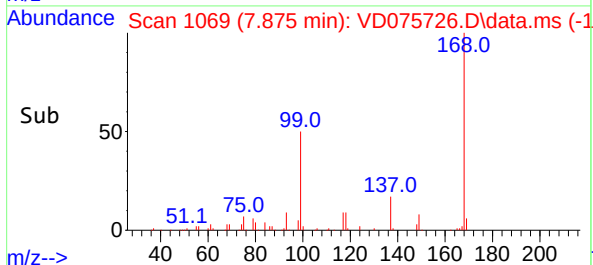
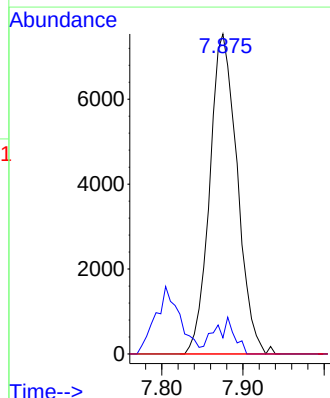
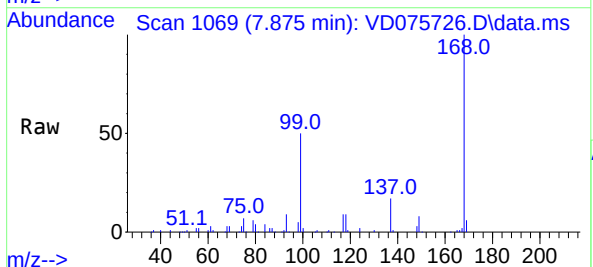
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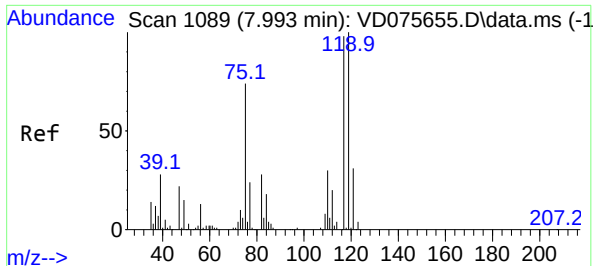
Tgt Ion: 113 Resp: 149032
Ion Ratio Lower Upper
113 100
111 100.6 81.4 122.0
192 19.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.159 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

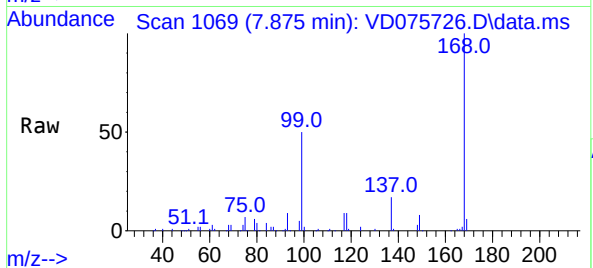
Tgt Ion: 75 Resp: 17738
Ion Ratio Lower Upper
75 100
110 2.9 17.1 51.2#
77 0.0 24.6 36.8#



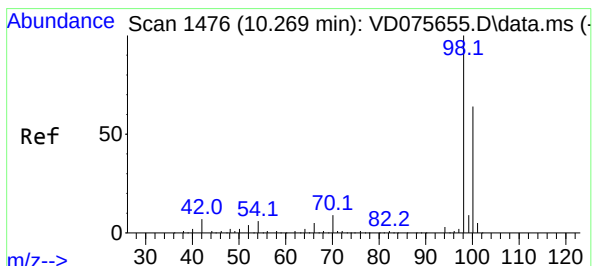
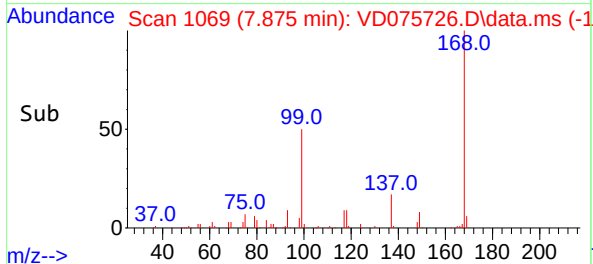
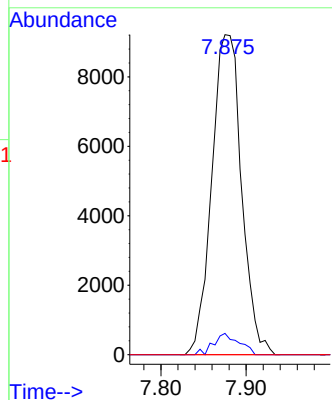


#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :
SB-19-19-21-20230411

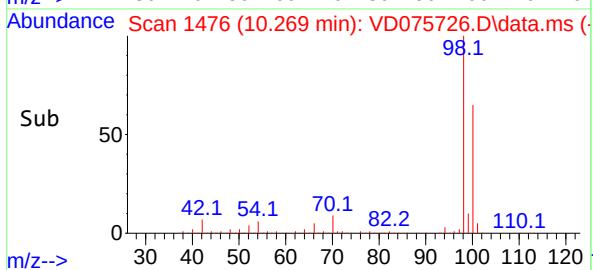
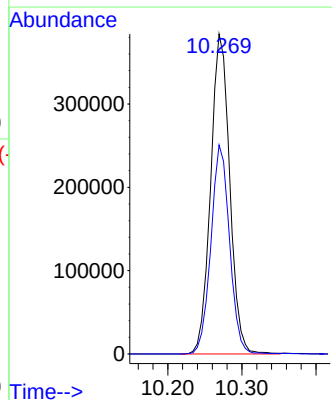
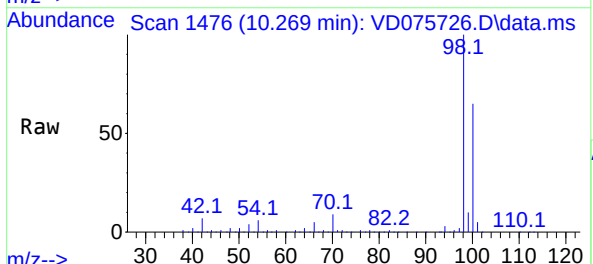


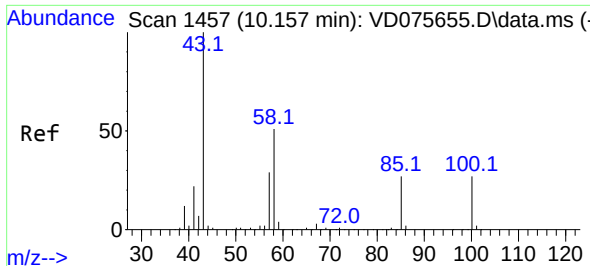
Tgt Ion:117 Resp: 22376
Ion Ratio Lower Upper
117 100
119 6.6 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 55.351 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion: 98 Resp: 685273
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1

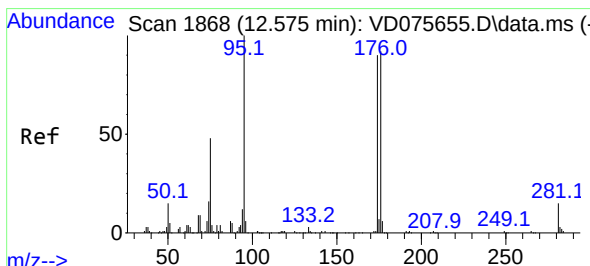
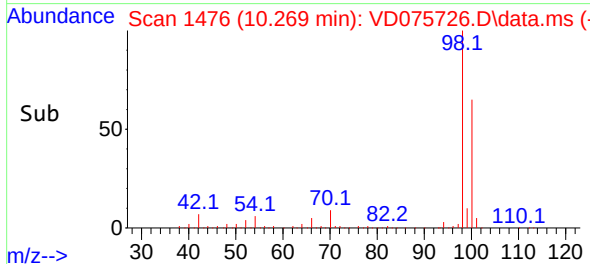
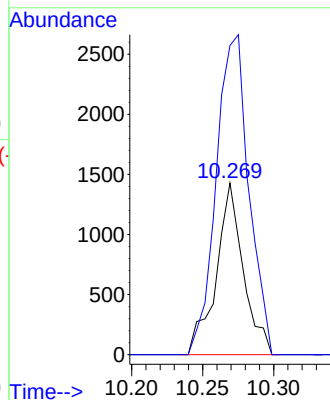
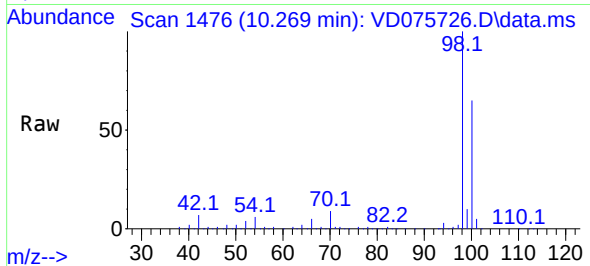




#51
4-Methyl-2-Pentanone
Concen: 1.501 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

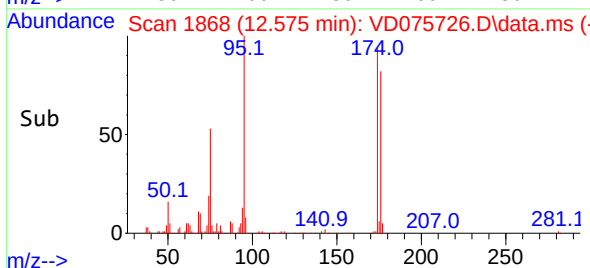
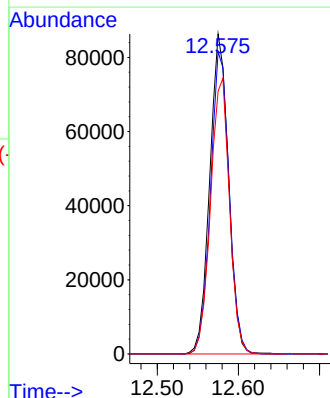
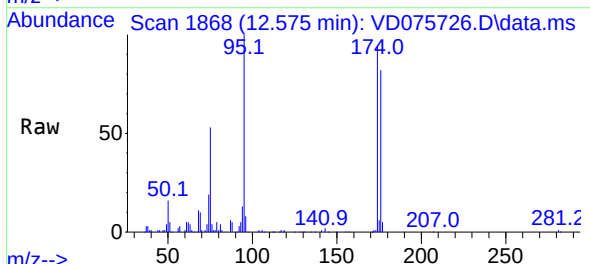
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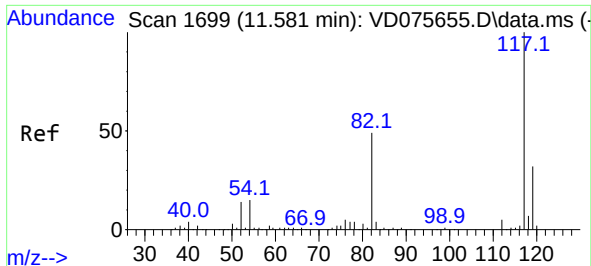
Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
58 224.9 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 42.064 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion: 95 Resp: 138419
Ion Ratio Lower Upper
95 100
174 94.2 0.0 164.0
176 87.0 0.0 156.8

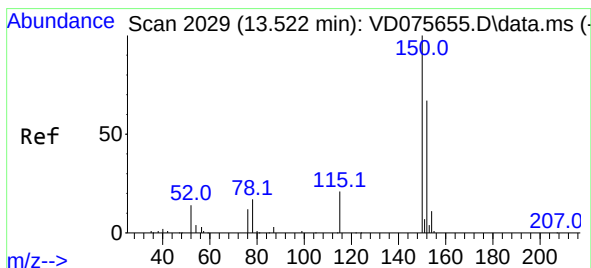
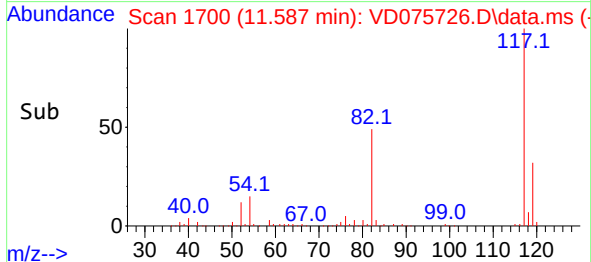
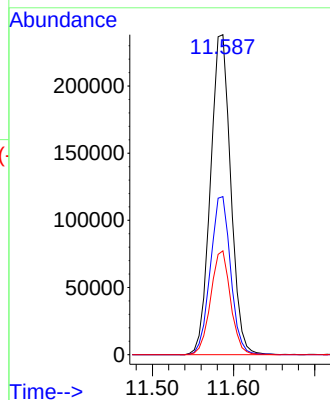
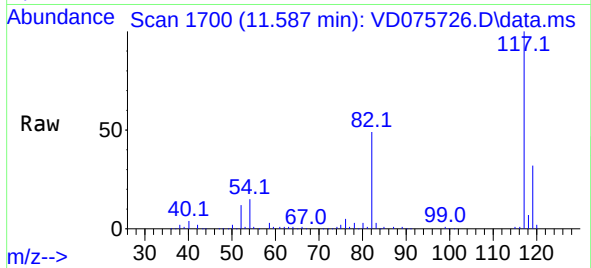




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

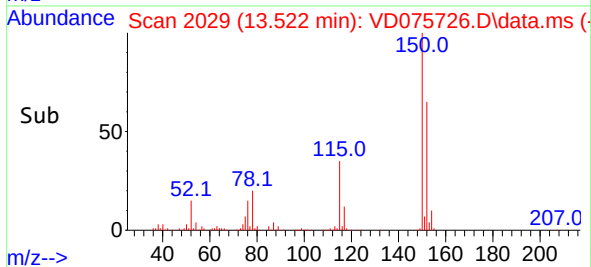
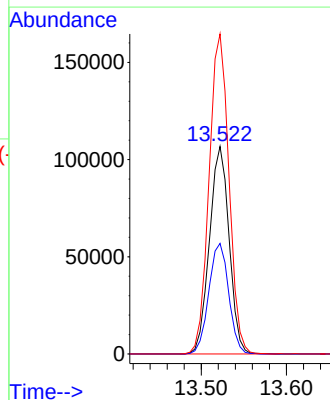
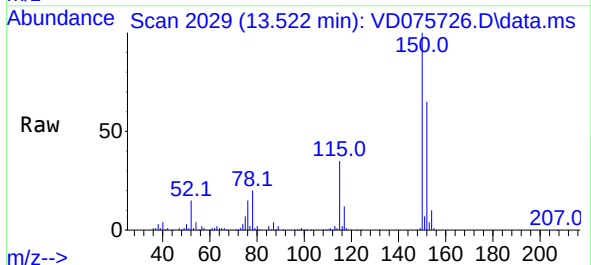
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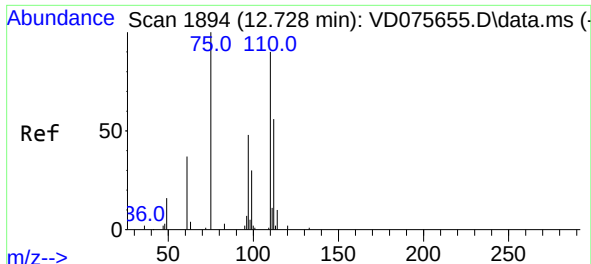
Tgt Ion:117 Resp: 412925
Ion Ratio Lower Upper
117 100
82 49.4 44.0 66.0
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion:152 Resp: 171018
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 155.2 0.0 364.8

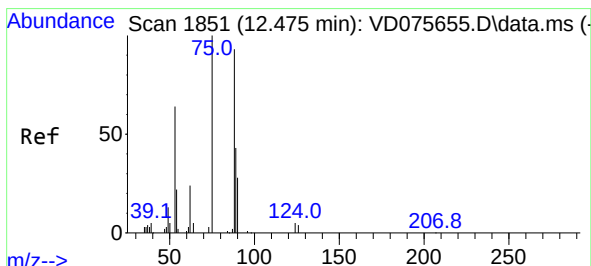
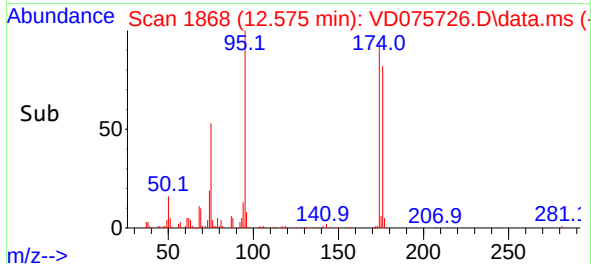
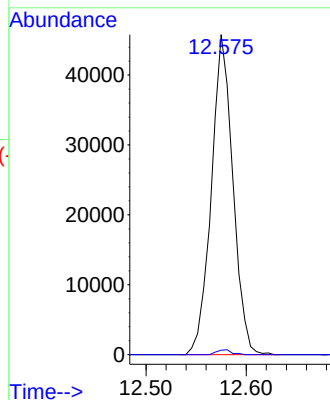
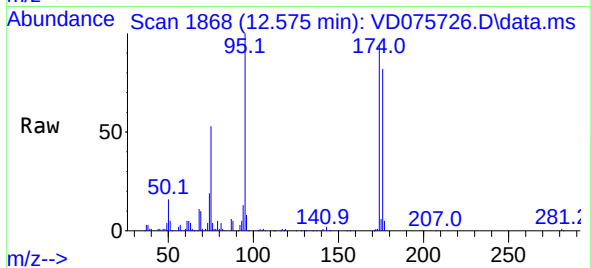




#76
1,2,3-Trichloropropane
Concen: 49.050 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 75 Resp: 68407
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.311 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075726.D
Acq: 18 Apr 2023 14:50

Tgt Ion: 75 Resp: 68407
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 40.2 60.4#

