

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075187.D
 Acq On : 24 Jan 2023 14:42
 Operator : KP/SY
 Sample : 01255-01
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BORING-1

Quant Time: Jan 25 00:33:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

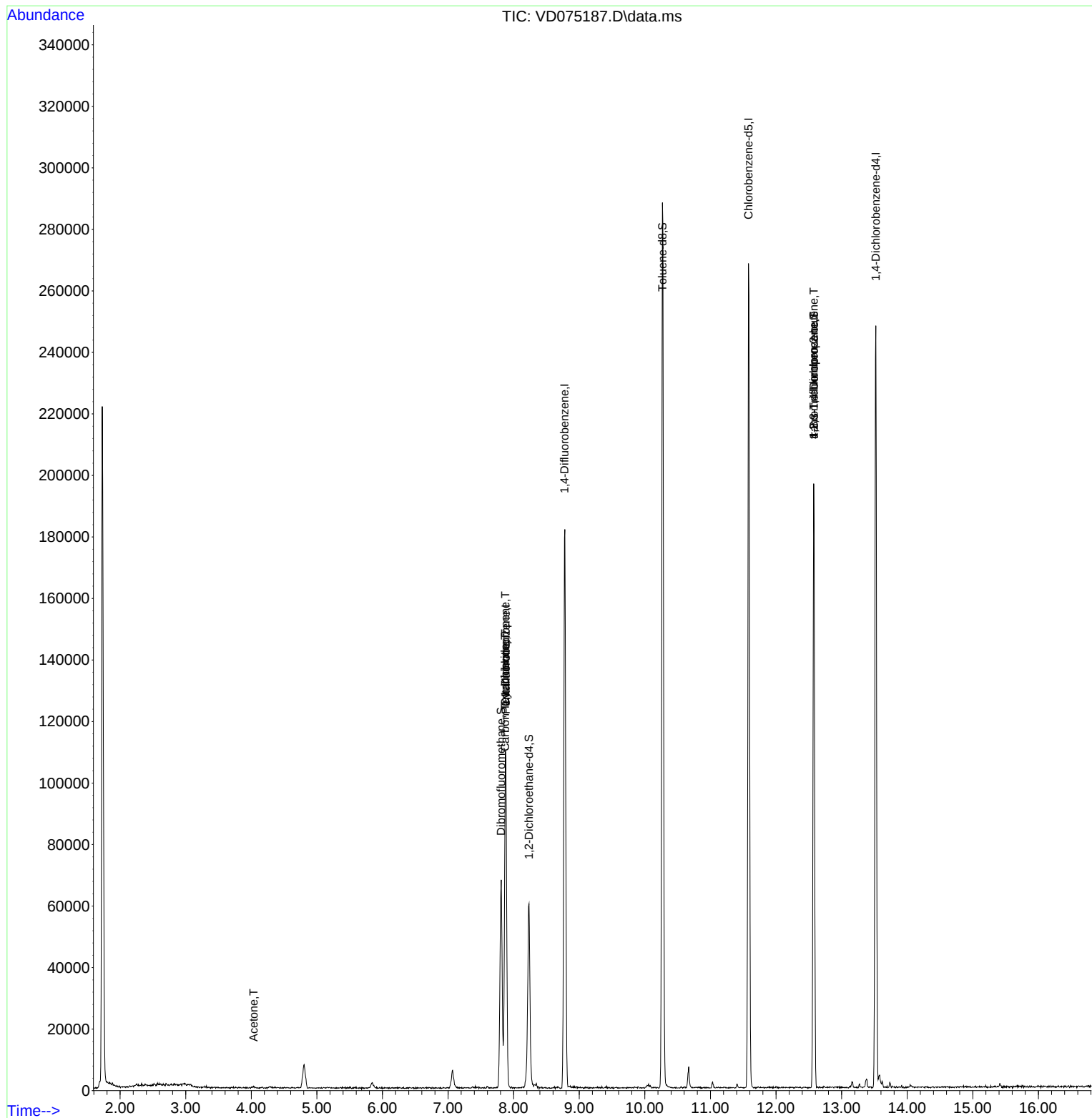
Internal Standards						
1) Pentafluorobenzene	7.881	168	81948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45384	54.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.810	113	48240	49.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.060%	
50) Toluene-d8	10.269	98	199908	52.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.575	95	62946	51.722	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.440%	
Target Compounds						Qvalue
16) Acetone	4.034	43	452	2.049	ug/l #	42
20) Methylene Chloride	4.805	84	5358	Below Cal		93
31) Cyclohexane	7.875	56	2021	1.205	ug/l #	8
36) 1,1-Dichloropropene	7.875	75	7031	4.493	ug/l #	49
38) Carbon Tetrachloride	7.869	117	8645	6.562	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	32896	59.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32896	139.018	ug/l #	14

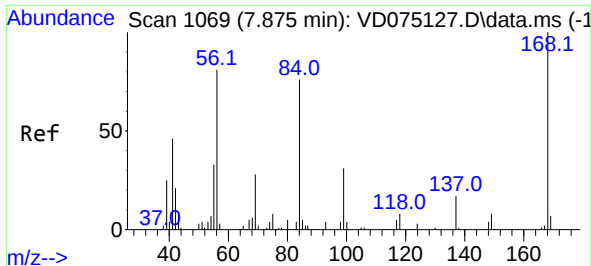
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

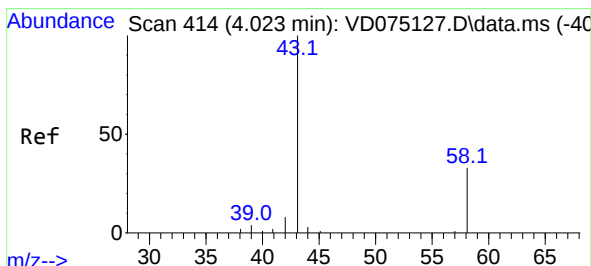
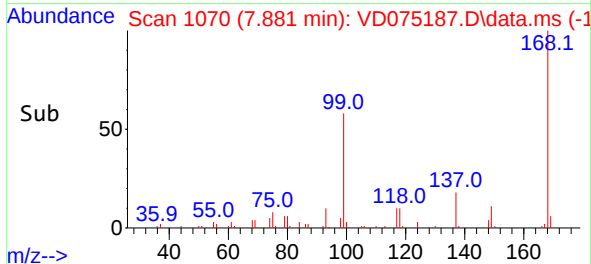
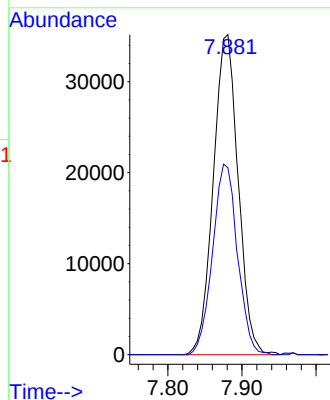
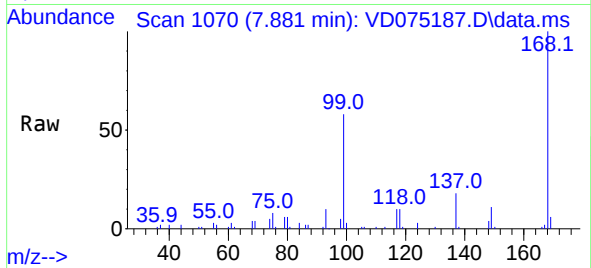




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

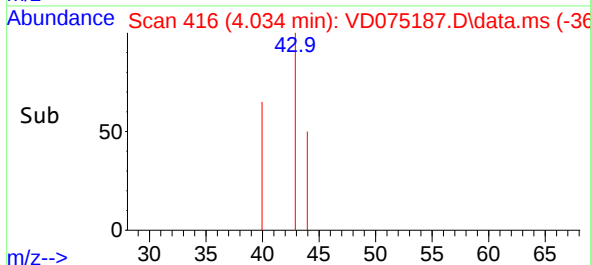
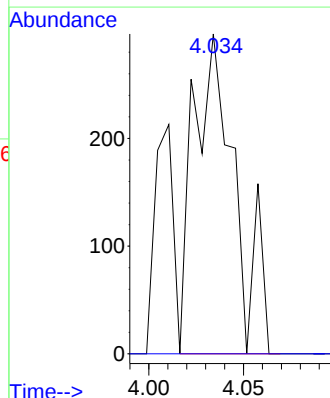
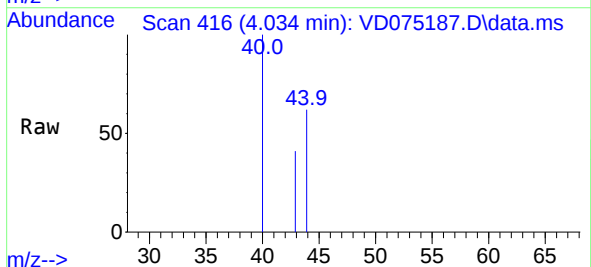
Instrument :
MSVOA_D
ClientSampleId :
BORING-1

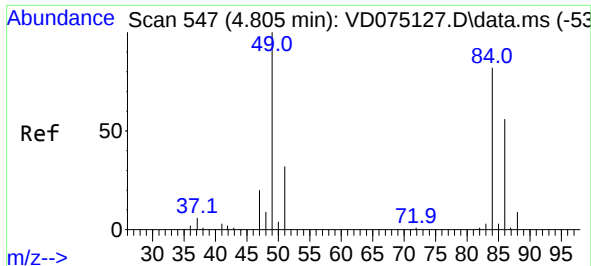
Tgt Ion:168 Resp: 81948
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#16
Acetone
Concen: 2.049 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



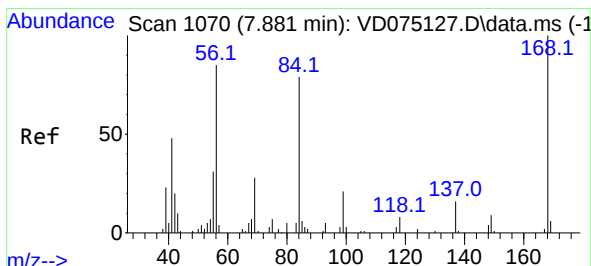
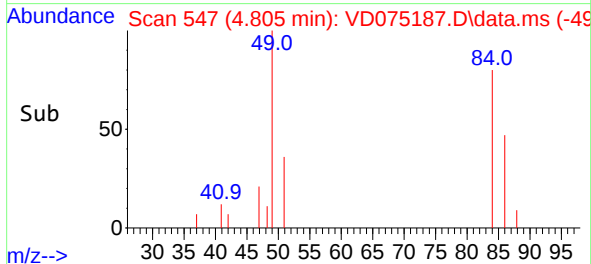
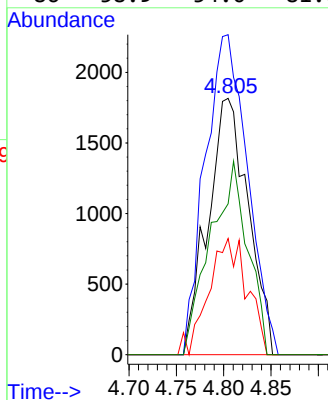
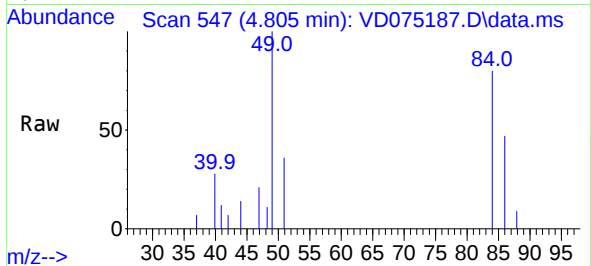


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
BORING-1

Tgt Ion: 84 Resp: 5358

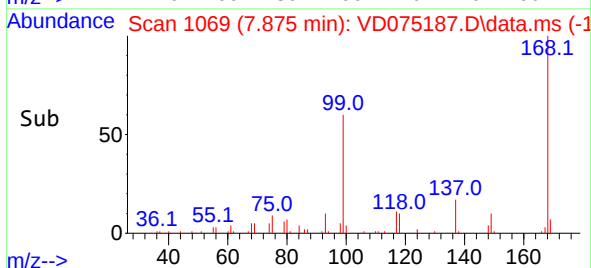
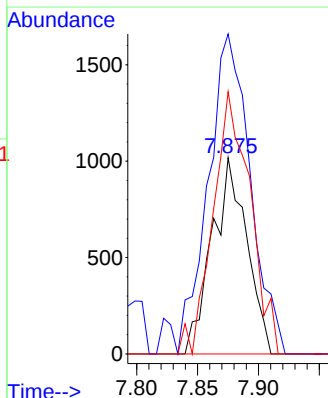
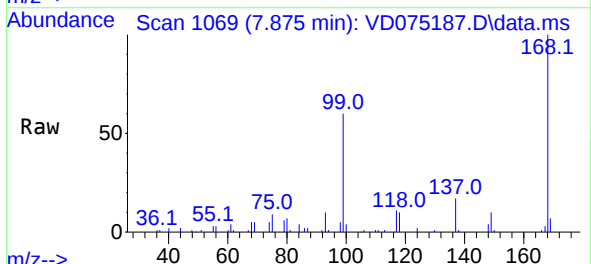
Ion	Ratio	Lower	Upper
84	100		
49	124.8	97.0	145.6
51	45.3	30.9	46.3
86	58.9	54.0	81.0

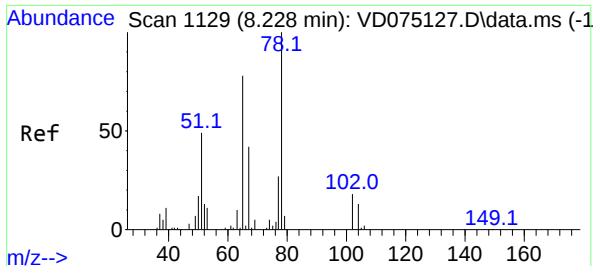


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 56 Resp: 2021

Ion	Ratio	Lower	Upper
56	100		
69	163.1	26.6	40.0#
84	133.6	74.1	111.1#

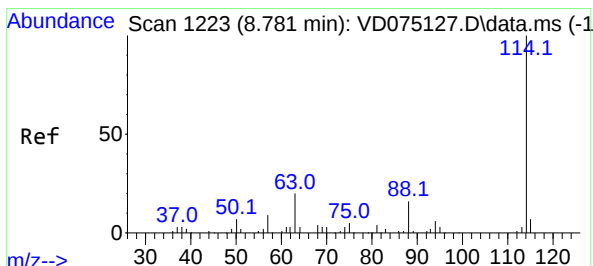
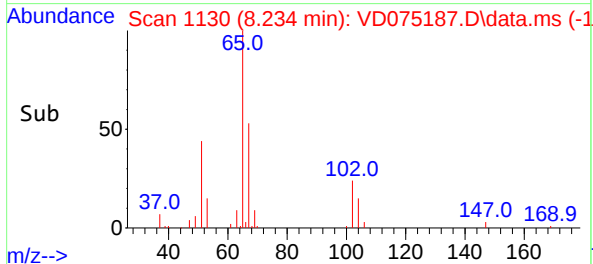
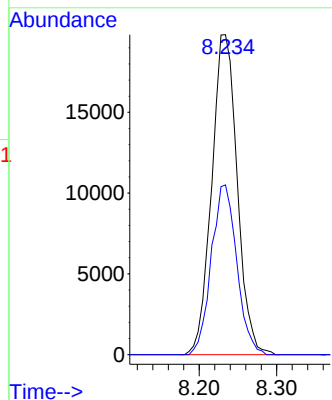
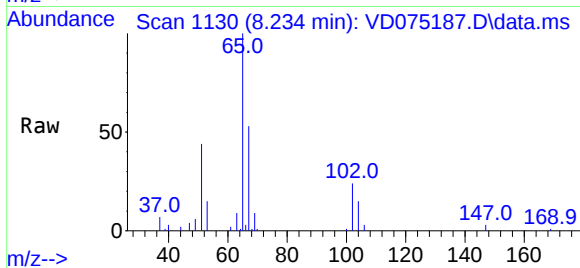




#33
1,2-Dichloroethane-d4
Concen: 54.273 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

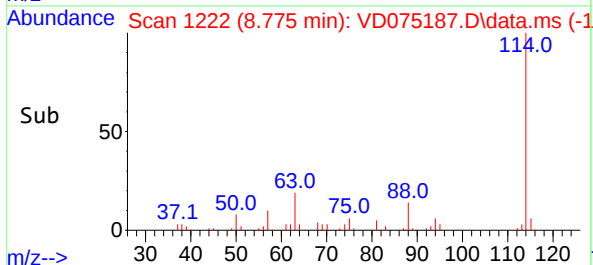
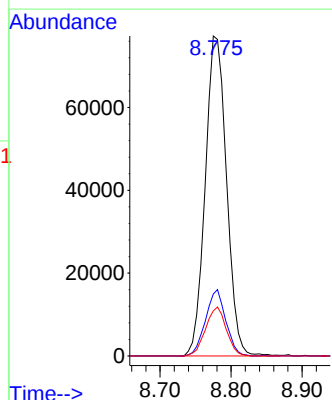
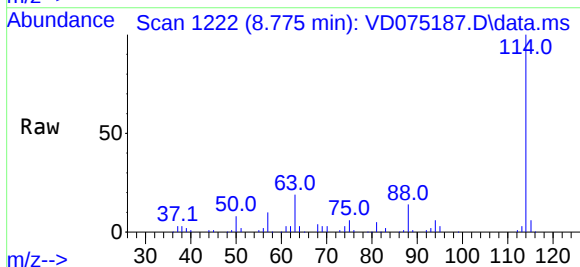
Instrument :
MSVOA_D
ClientSampleId :
BORING-1

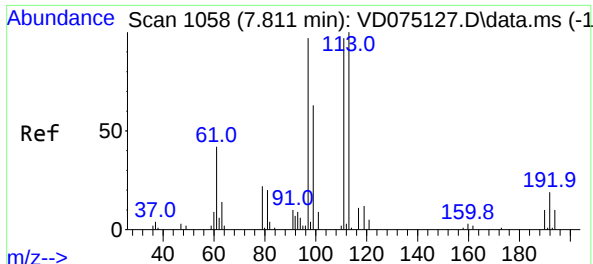
Tgt Ion: 65 Resp: 45384
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 114 Resp: 161172
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.2
88 14.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.532 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075187.D

Acq: 24 Jan 2023 14:42

Instrument :

MSVOA_D

ClientSampleId :

BORING-1

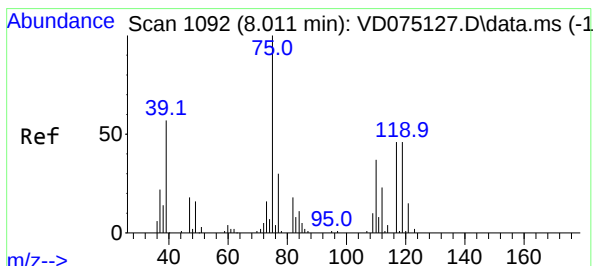
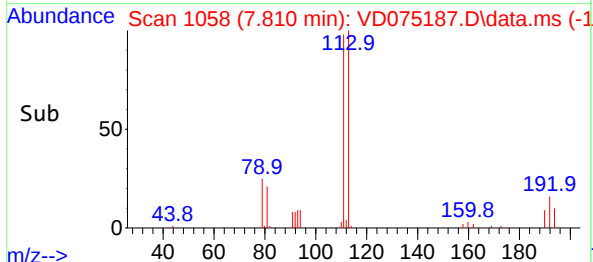
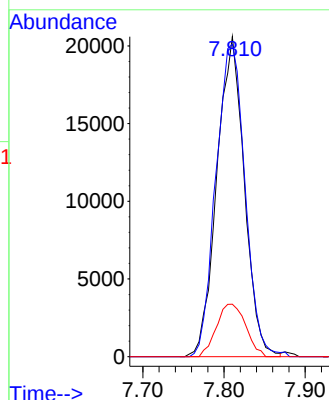
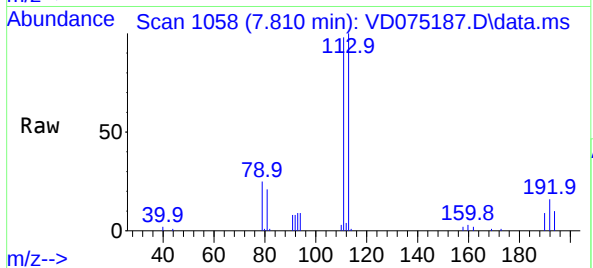
Tgt Ion:113 Resp: 48240

Ion Ratio Lower Upper

113 100

111 103.9 80.1 120.1

192 17.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075187.D

Acq: 24 Jan 2023 14:42

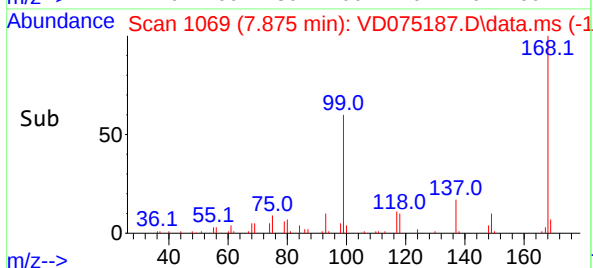
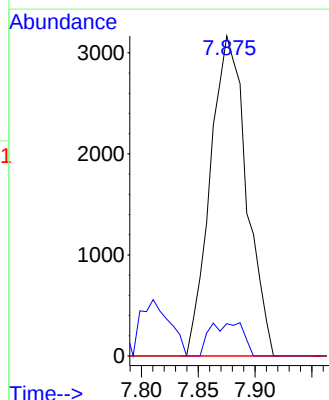
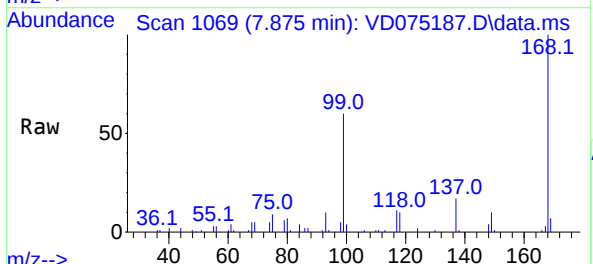
Tgt Ion: 75 Resp: 7031

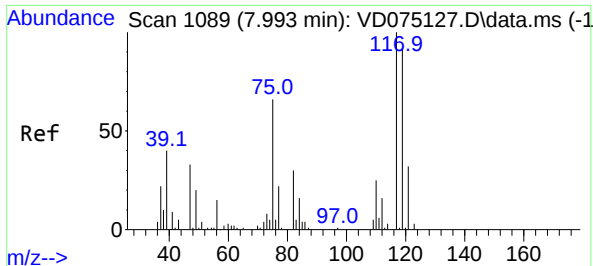
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

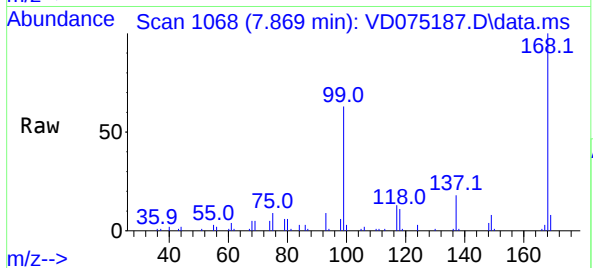
77 0.0 25.1 37.7#



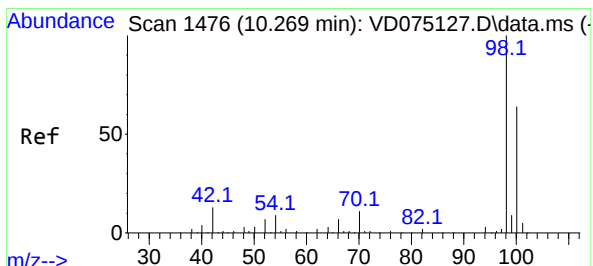
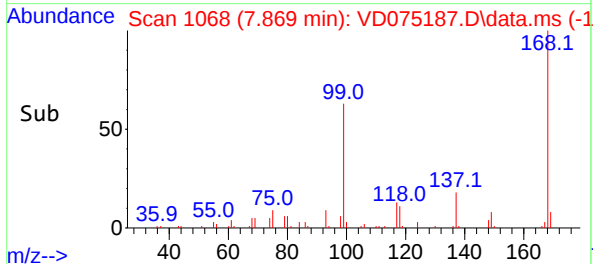
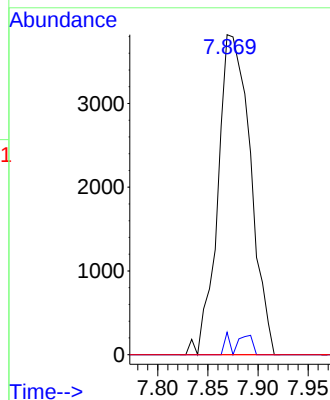


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Instrument :
MSVOA_D
ClientSampleId :
BORING-1

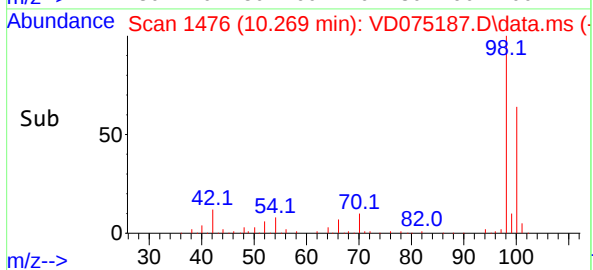
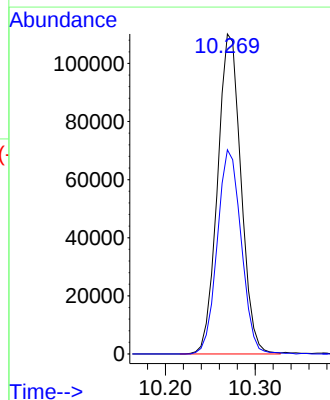
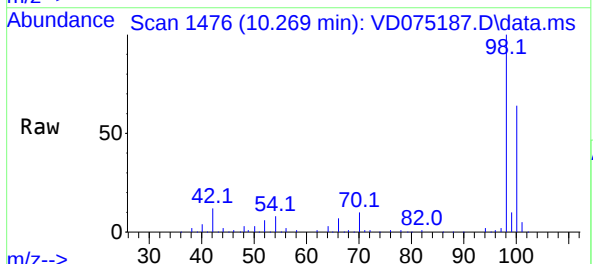


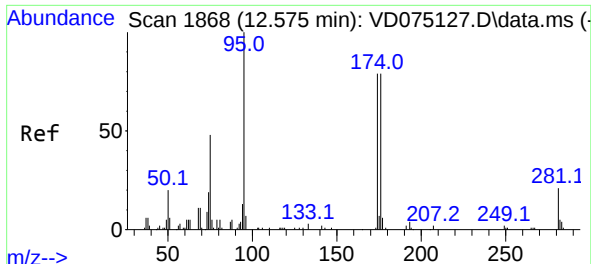
Tgt Ion:117 Resp: 8645
Ion Ratio Lower Upper
117 100
119 7.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.132 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 98 Resp: 199908
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

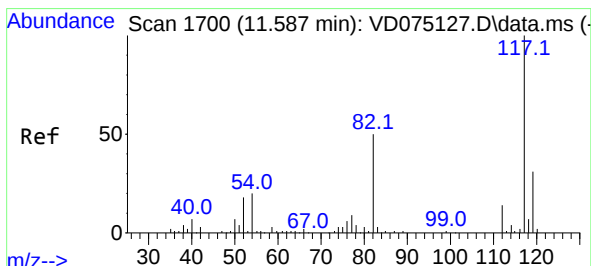
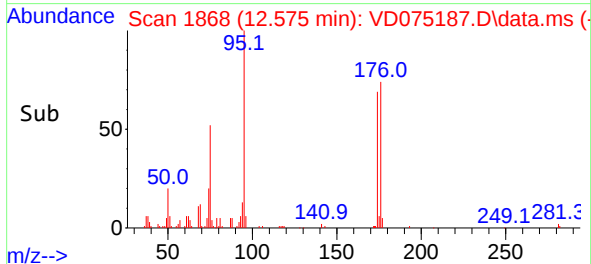
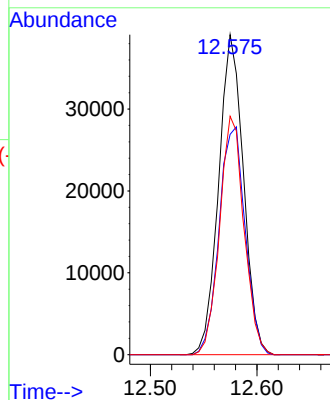
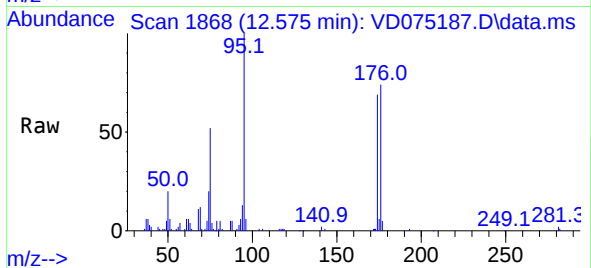




#62
4-Bromofluorobenzene
Concen: 51.722 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

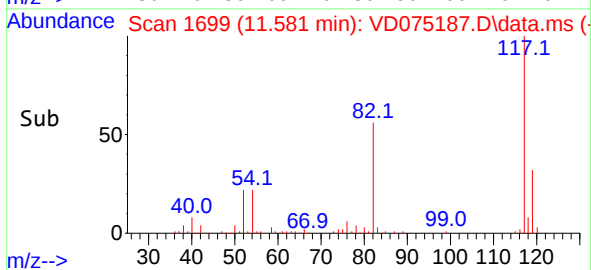
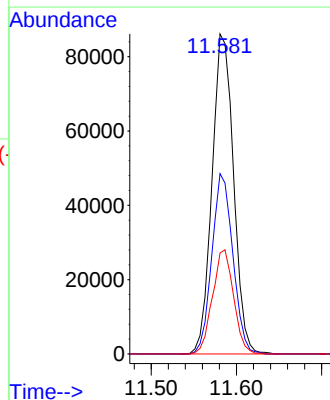
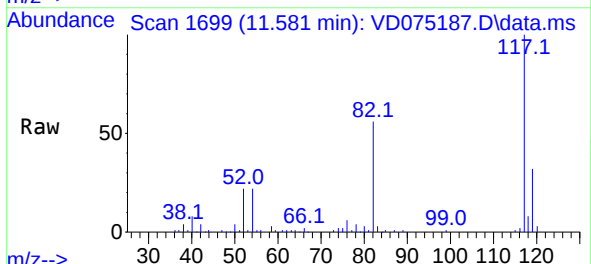
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BORING-1

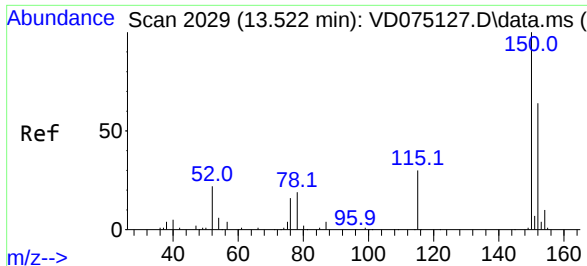
Tgt Ion:	95	Resp:	62946
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	161.2
176	73.5	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion:	117	Resp:	151146
Ion	Ratio	Lower	Upper
117	100		
82	56.3	39.6	59.4
119	31.5	24.6	37.0

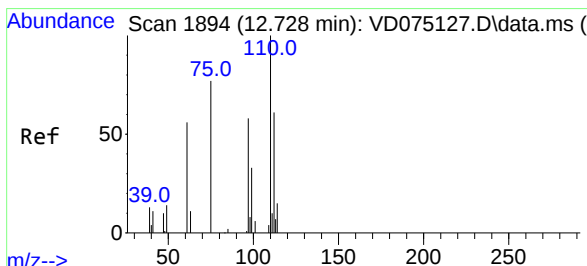
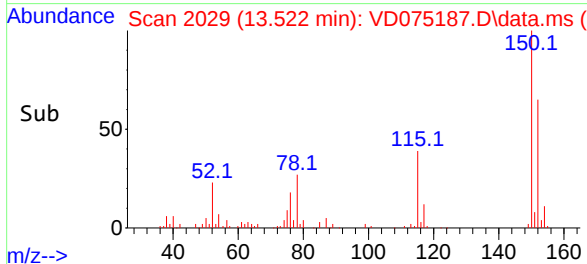
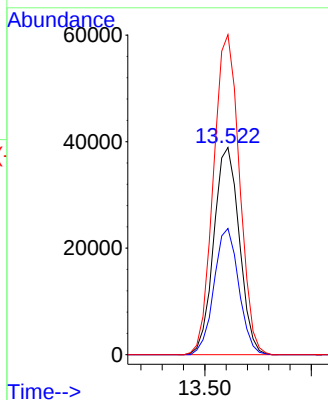
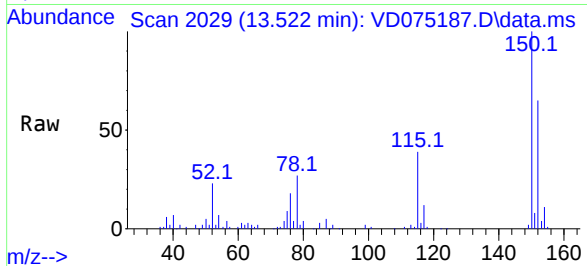




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

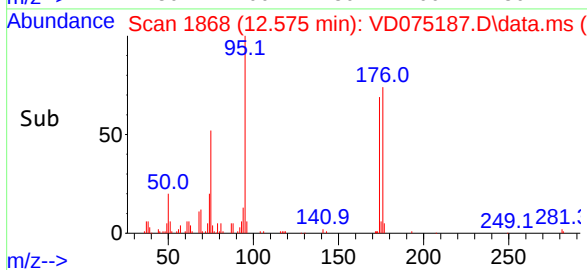
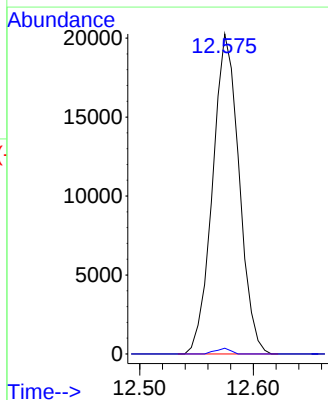
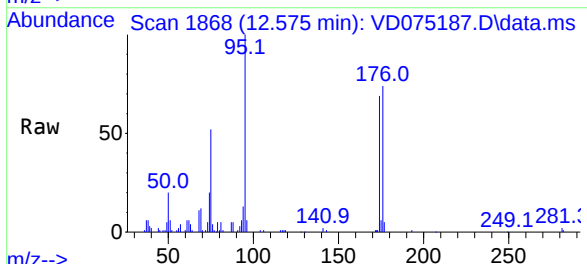
Instrument :
MSVOA_D
ClientSampleId :
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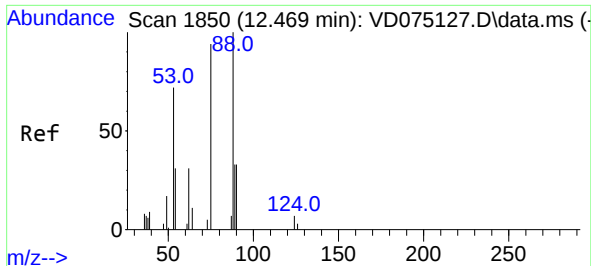
Tgt Ion:152 Resp: 64809
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.4
150 156.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 59.932 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075187.D
Acq: 24 Jan 2023 14:42

Tgt Ion: 75 Resp: 32896
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.018 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075187.D
 Acq: 24 Jan 2023 14:42

Instrument :
 MSVOA_D
 ClientSampleId :
 BORING-1

Tgt Ion: 75 Resp: 32896
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

