

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076474.D
 Acq On : 19 Jun 2023 17:13
 Operator : KP/SY
 Sample : 03289-04
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Jun 20 05:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

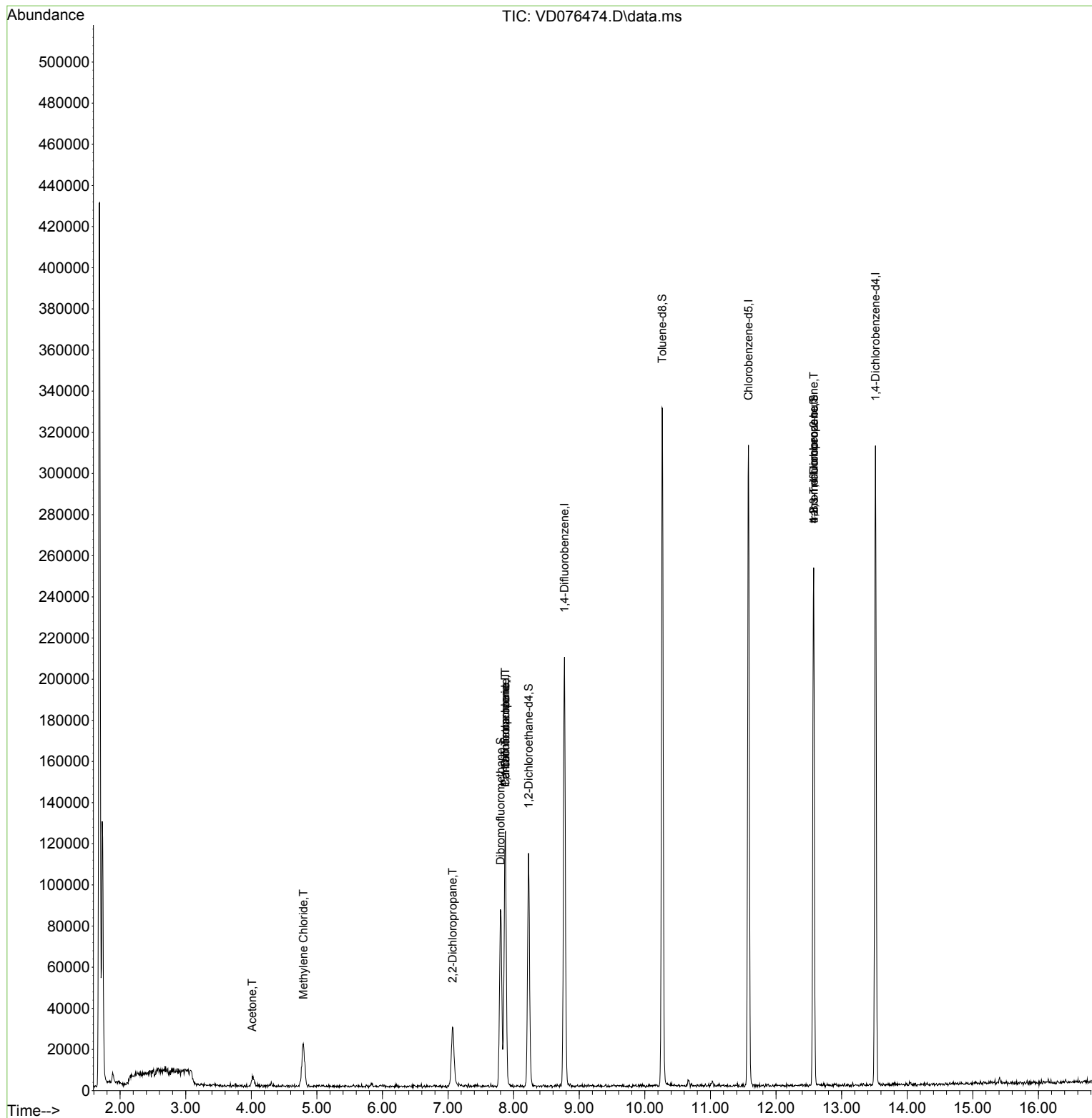
Internal Standards						
1) Pentafluorobenzene	7.875	168	100410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79352	78.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.760%	
35) Dibromofluoromethane	7.799	113	63073	58.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.500%	
50) Toluene-d8	10.263	98	227904	55.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.575	95	75759	57.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	8192	34.220	ug/l	99
20) Methylene Chloride	4.793	84	15181	4.198	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	2125	1.215	ug/l #	49
28) Bromochloromethane	7.222	49	119	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	7707	5.127	ug/l #	49
38) Carbon Tetrachloride	7.875	117	9208	6.853	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	40044	49.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40044	107.506	ug/l #	17

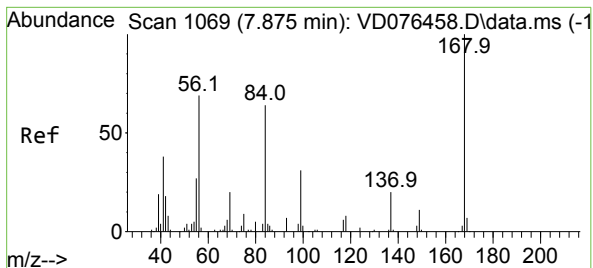
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 19 04:51:45 2023
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: VD076474.D

Acq: 19 Jun 2023 17:13

Instrument :

MSVOA_D

ClientSampleId :

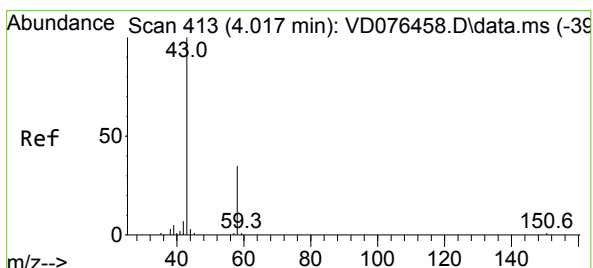
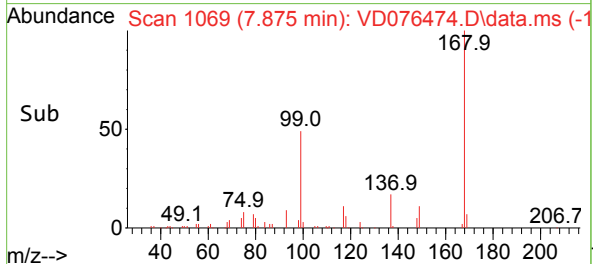
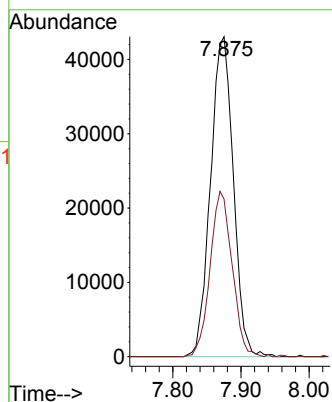
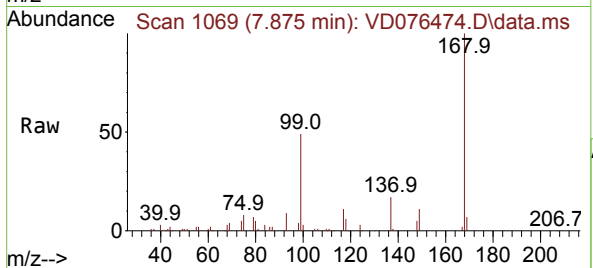
SB-02-0-2.0

Tgt Ion:168 Resp: 100410

Ion Ratio Lower Upper

168 100

99 49.3 36.7 55.1



#16

Acetone

Concen: 34.220 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD076474.D

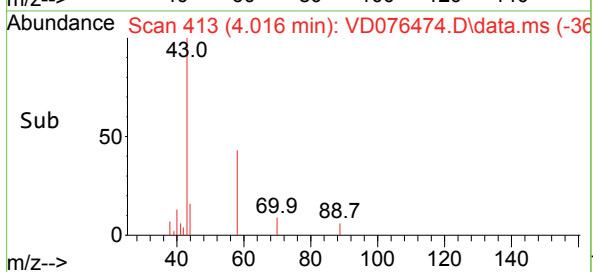
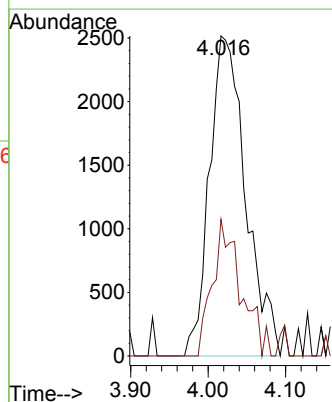
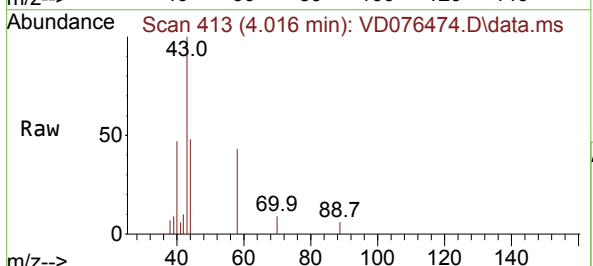
Acq: 19 Jun 2023 17:13

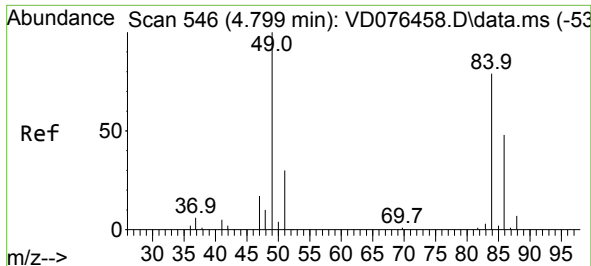
Tgt Ion: 43 Resp: 8192

Ion Ratio Lower Upper

43 100

58 42.6 34.7 52.1

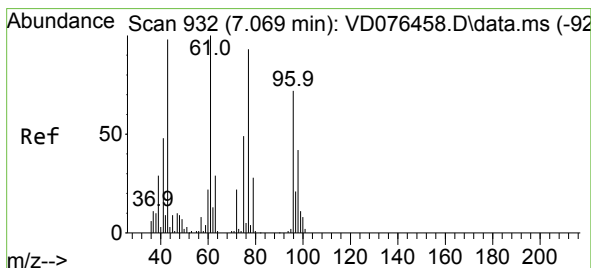
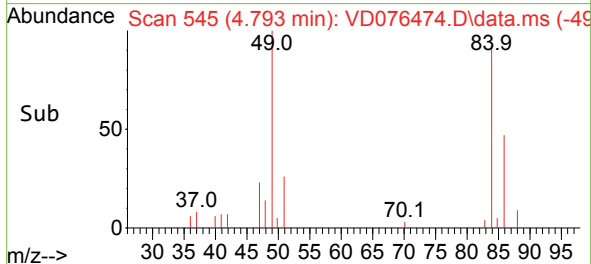
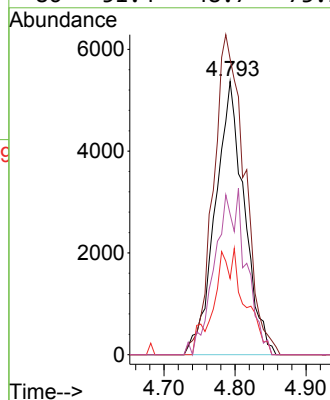
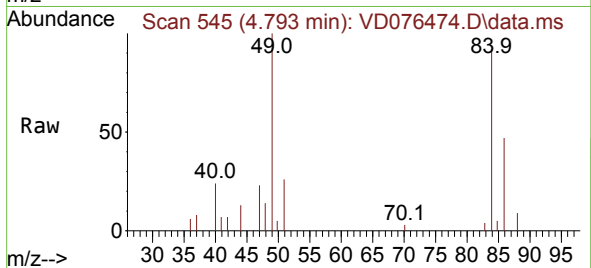




#20
Methylene Chloride
Concen: 4.198 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

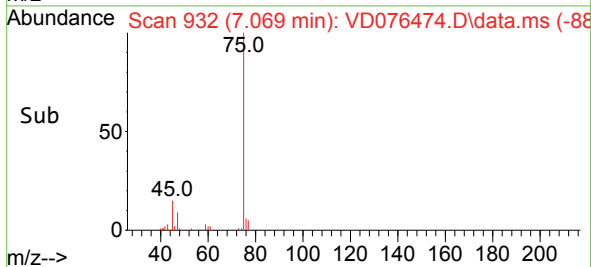
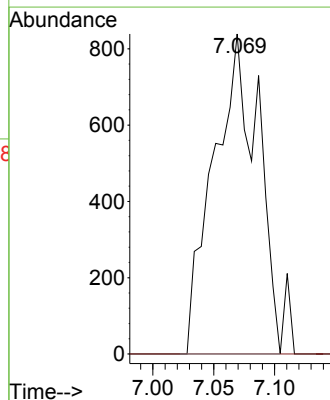
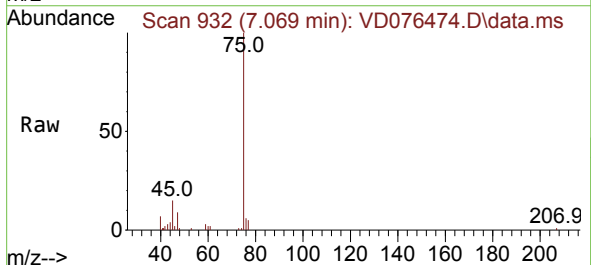
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MSVOA_D
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SB-02-0-2.0

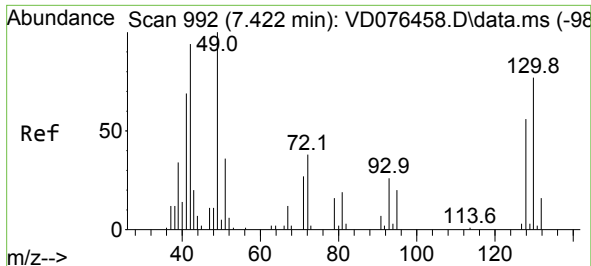
Tgt Ion: 84 Resp: 15181
Ion Ratio Lower Upper
84 100
49 108.2 71.4 107.2#
51 27.8 24.5 36.7
86 51.4 48.7 73.1



#26
2,2-Dichloropropane
Concen: 1.215 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 77 Resp: 2125
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

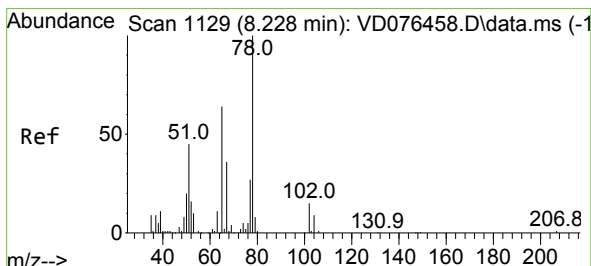
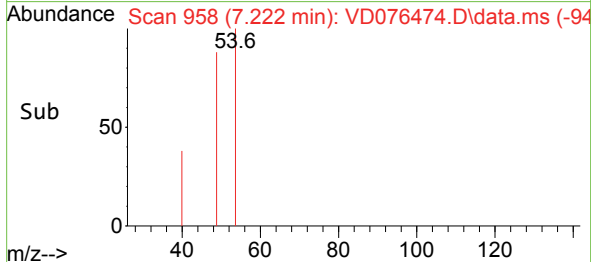
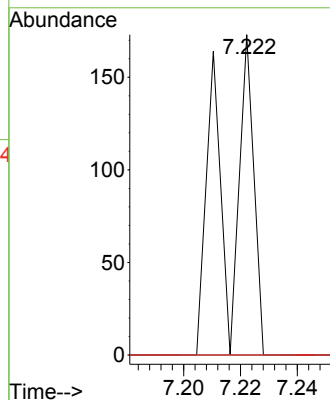
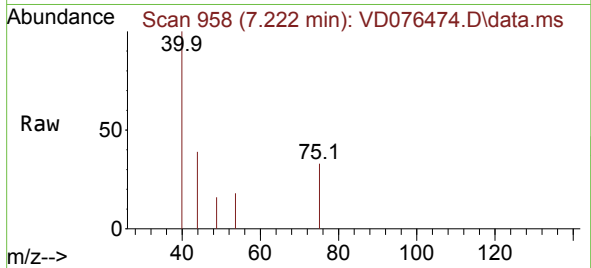




#28
Bromochloromethane
Concen: Below Cal
RT: 7.222 min Scan# 91
Delta R.T. -0.200 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

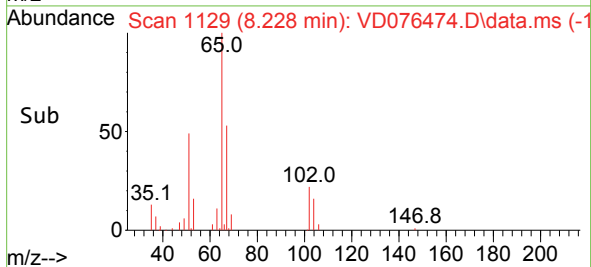
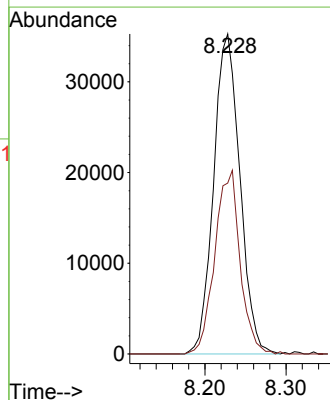
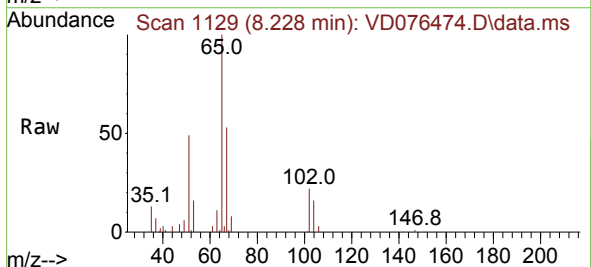
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

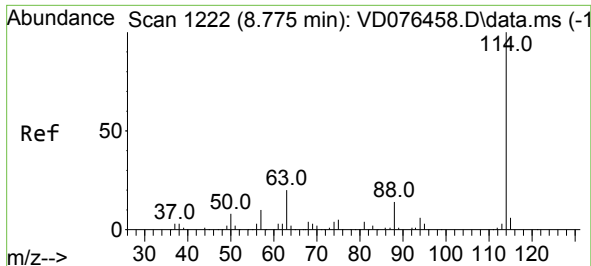
Tgt Ion: 49 Resp: 119
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 78.877 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 65 Resp: 79352
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076474.D

Acq: 19 Jun 2023 17:13

Instrument :

MSVOA_D

ClientSampleId :

SB-02-0-2.0

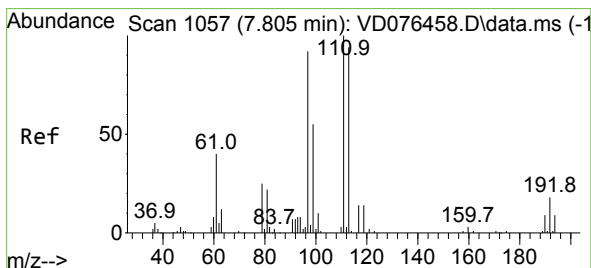
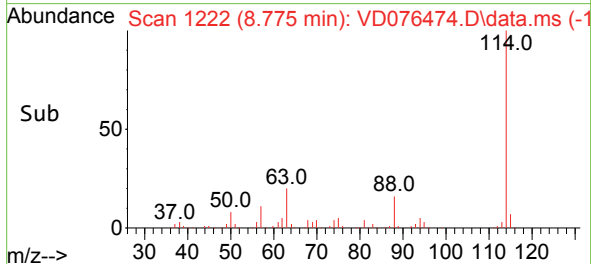
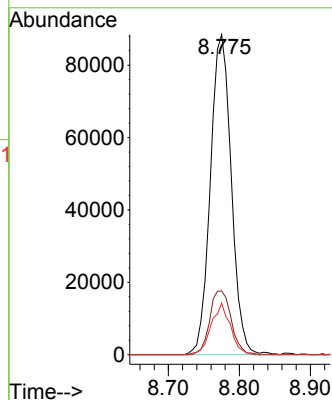
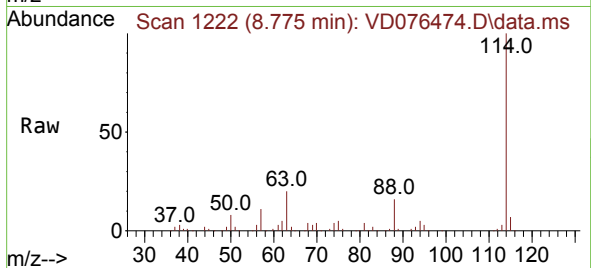
Tgt Ion:114 Resp: 180705

Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 16.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 58.754 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076474.D

Acq: 19 Jun 2023 17:13

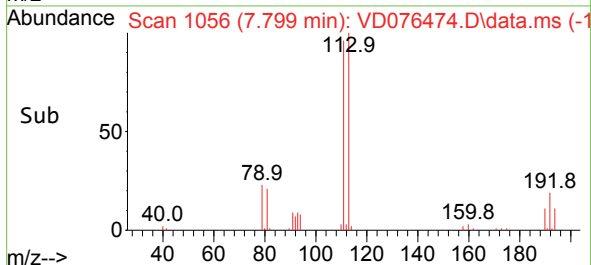
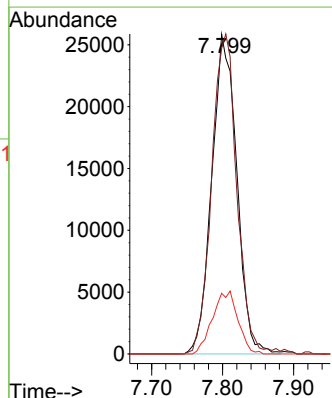
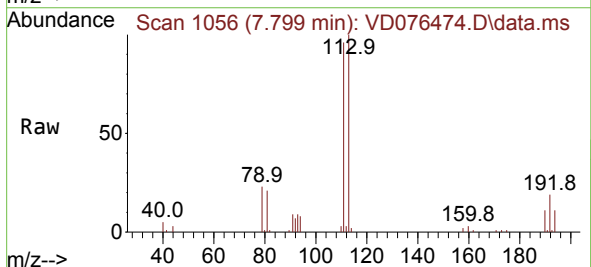
Tgt Ion:113 Resp: 63073

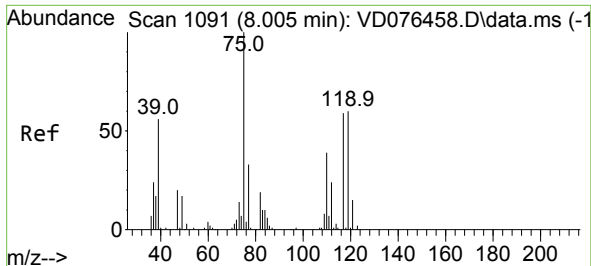
Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 20.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD076474.D

Acq: 19 Jun 2023 17:13

Instrument :

MSVOA_D

ClientSampleId :

SB-02-0-2.0

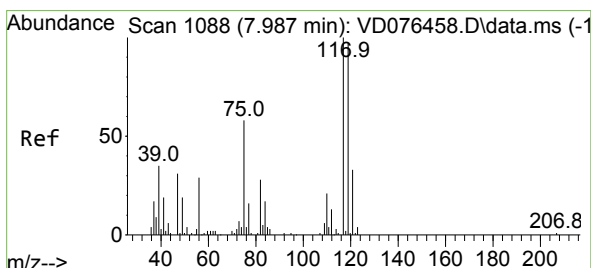
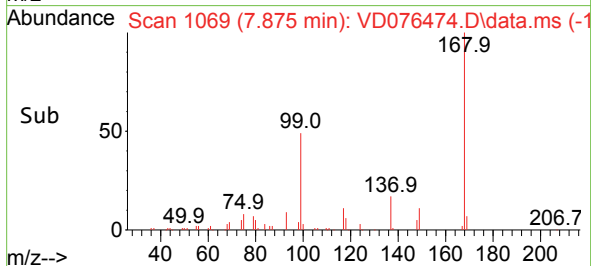
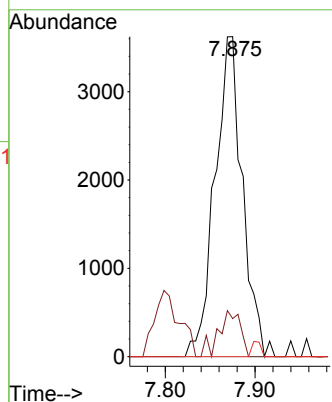
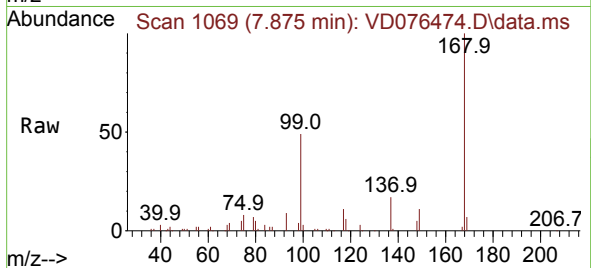
Tgt Ion: 75 Resp: 7707

Ion Ratio Lower Upper

75 100

110 11.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.853 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076474.D

Acq: 19 Jun 2023 17:13

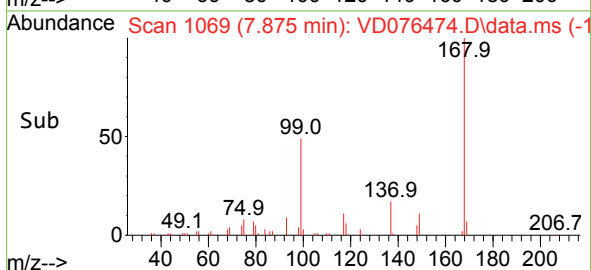
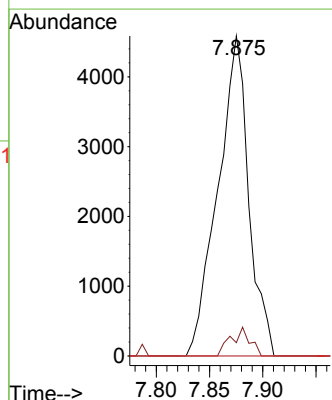
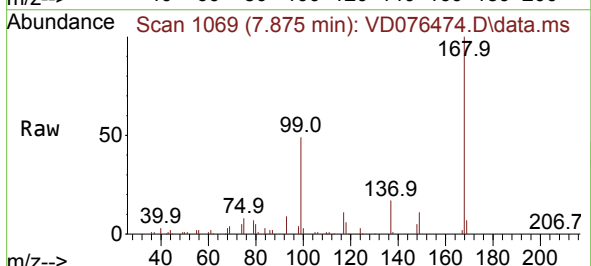
Tgt Ion: 117 Resp: 9208

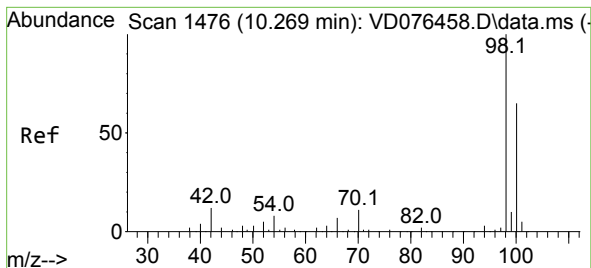
Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

121 0.0 24.2 36.2#

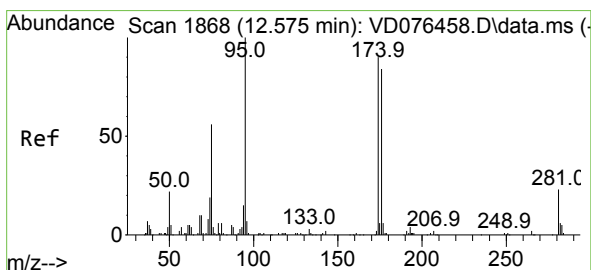
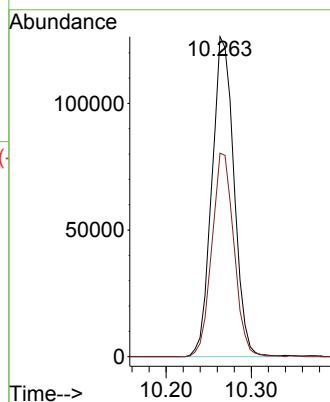
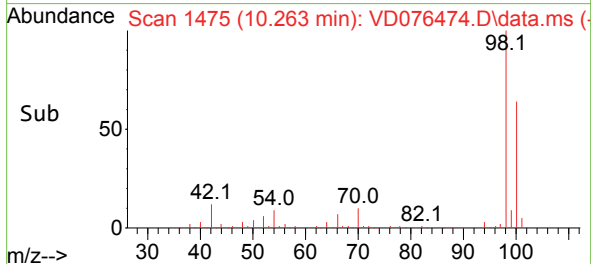
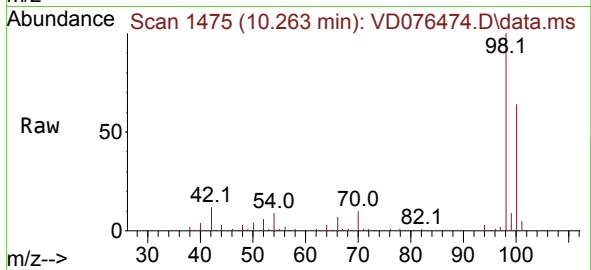




#50
Toluene-d8
Concen: 55.979 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

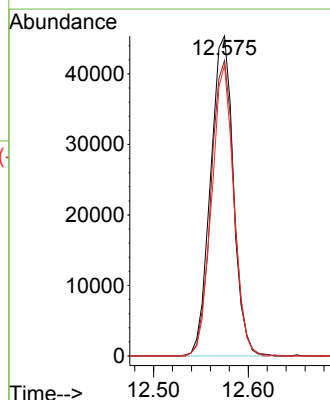
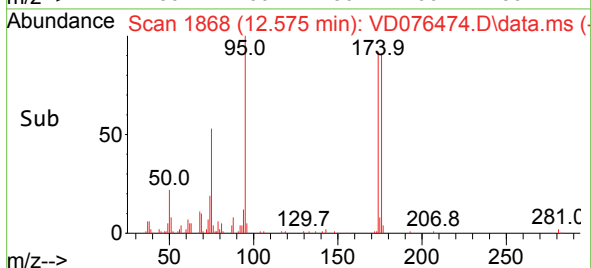
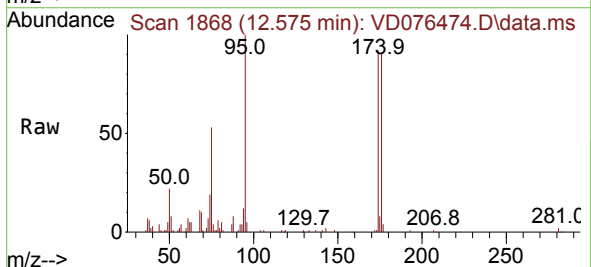
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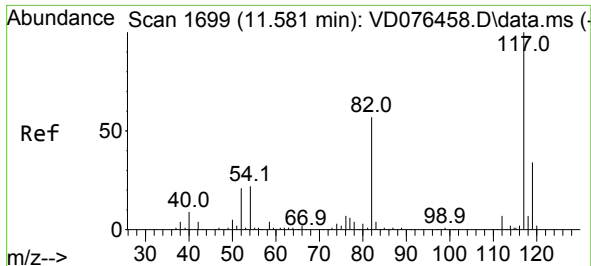
Tgt Ion: 98 Resp: 227904
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.337 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 95 Resp: 75759
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 88.1 0.0 191.8

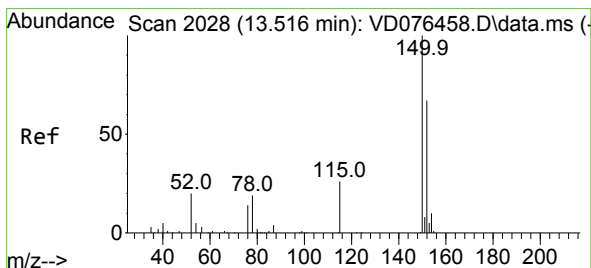
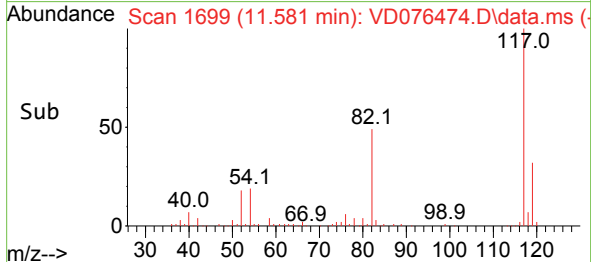
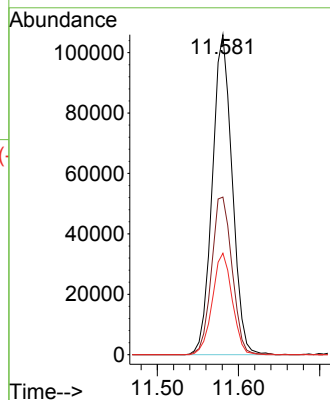
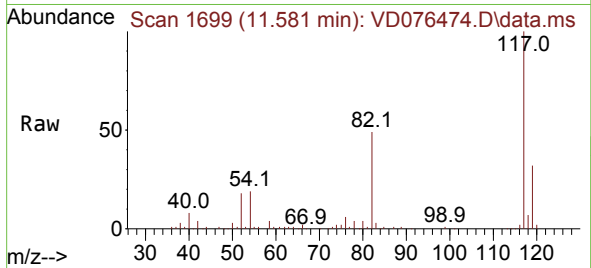




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

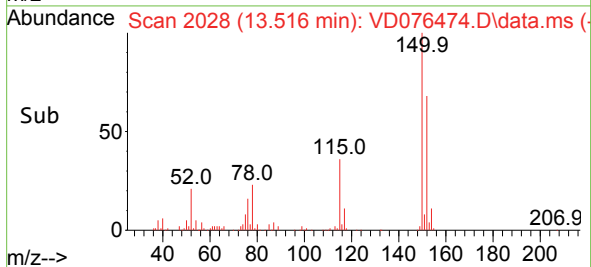
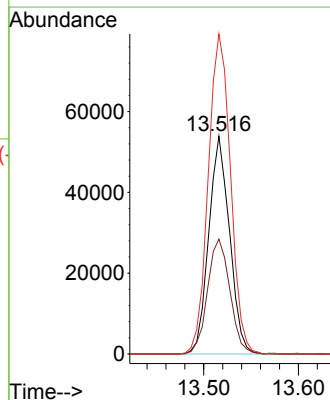
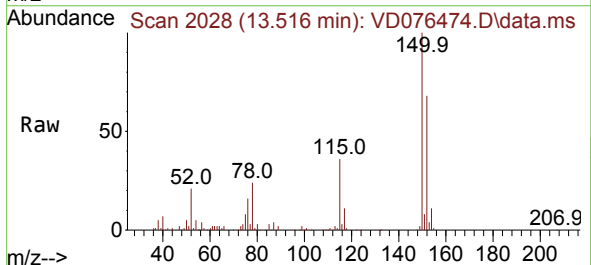
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

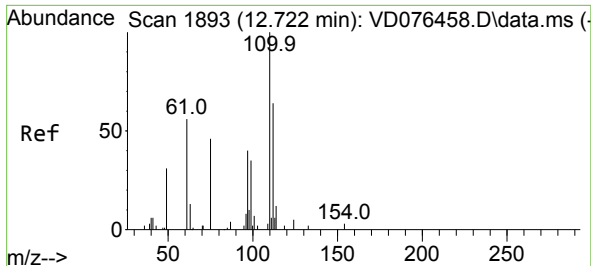
Tgt Ion:117 Resp: 180230
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion:152 Resp: 82238
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 157.2 0.0 353.6

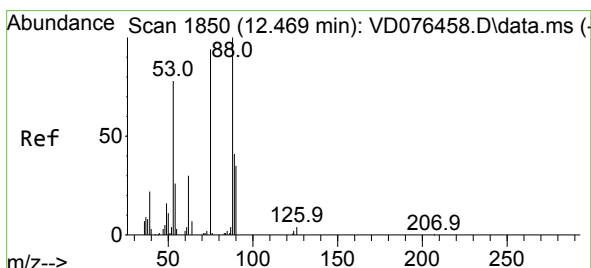
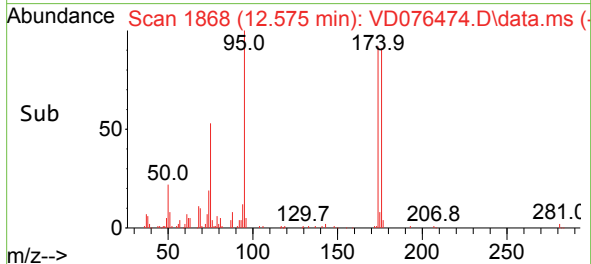
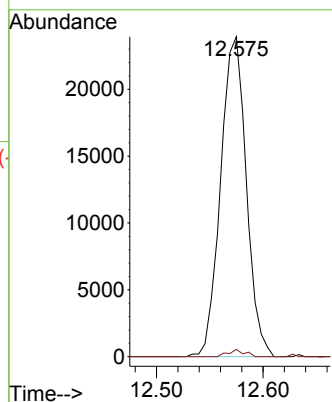
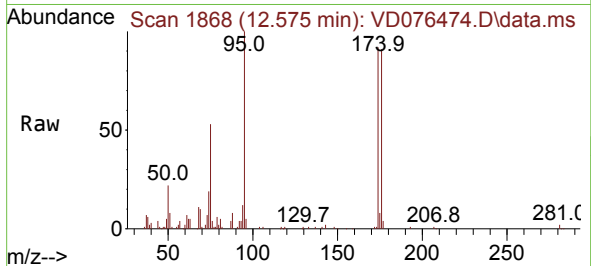




#76
1,2,3-Trichloropropane
Concen: 49.062 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

Tgt Ion: 75 Resp: 40044
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.506 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 75 Resp: 40044
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

