

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076153.D
 Acq On : 19 May 2023 13:04
 Operator : KP/SY
 Sample : 02823-03RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-051723RE

Quant Time: May 19 15:18:12 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)

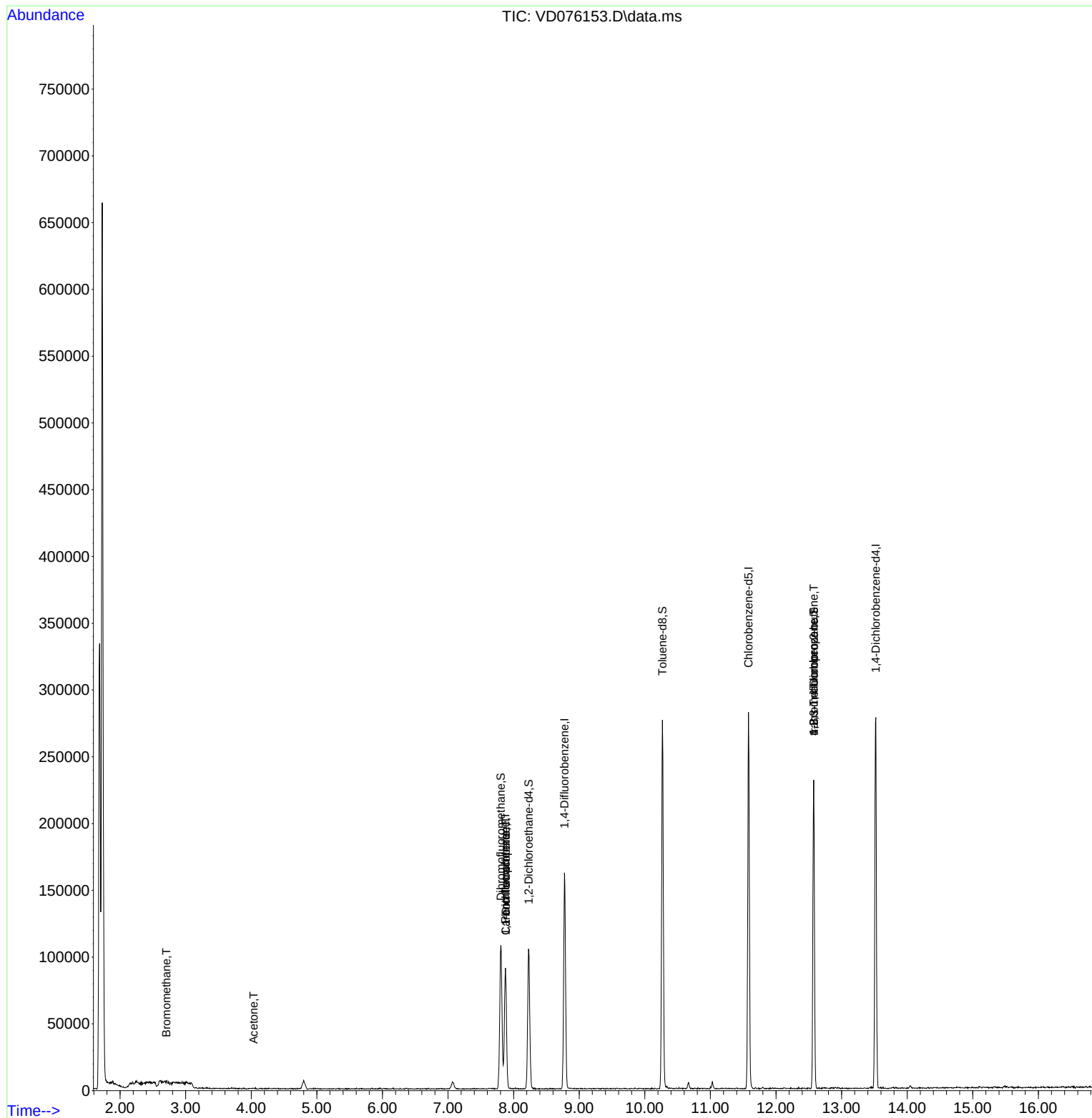
Internal Standards						
1) Pentafluorobenzene	7.875	168	72513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	153286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	81550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80251	114.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 229.020%#	
35) Dibromofluoromethane	7.805	113	80181	75.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 151.360%#	
50) Toluene-d8	10.269	98	206524	50.001	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.575	95	73510	64.069	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 128.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	524	Below Cal	#	73
5) Bromomethane	2.705	94	1452	1.529	ug/l #	55
16) Acetone	4.034	43	450	3.227	ug/l #	56
20) Methylene Chloride	4.799	84	5406	Below Cal	#	80
36) 1,1-Dichloropropene	7.881	75	6028	4.213	ug/l #	44
38) Carbon Tetrachloride	7.881	117	7447	5.762	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	36293	50.857	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	36293	106.689	ug/l #	5

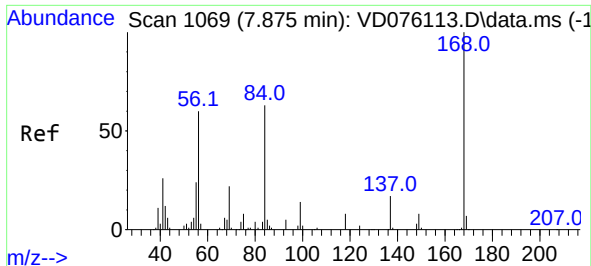
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

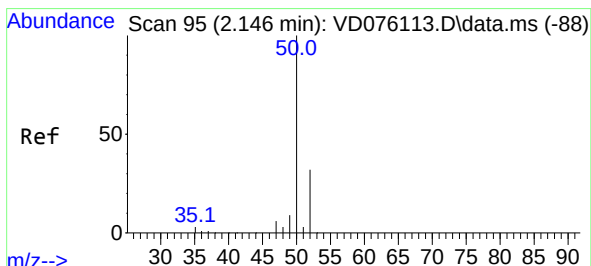
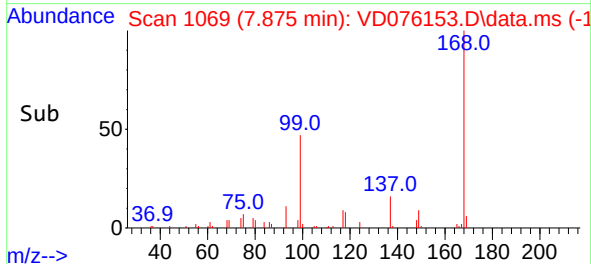
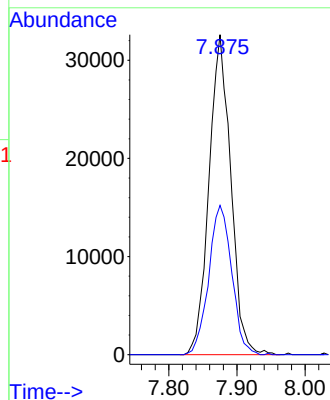
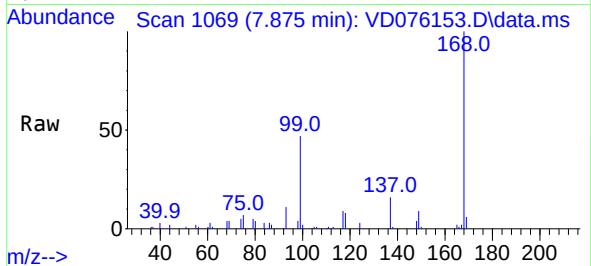




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

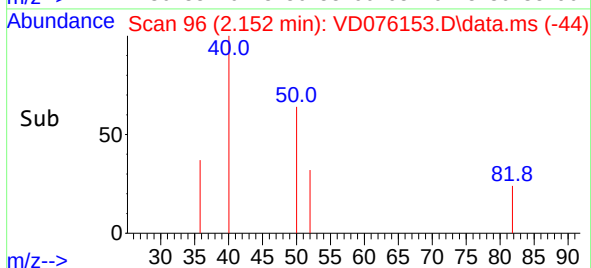
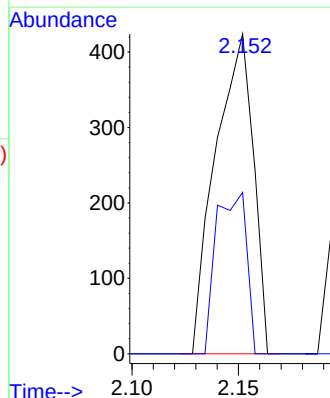
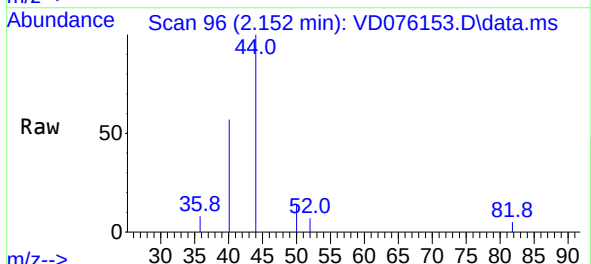
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723RE

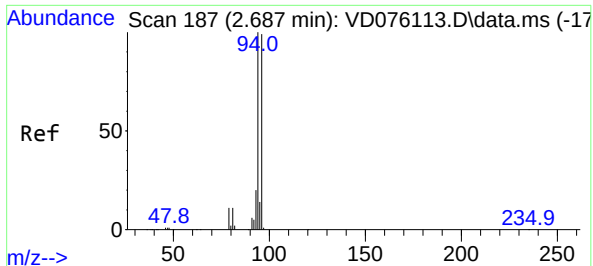
Tgt Ion:168 Resp: 72513
Ion Ratio Lower Upper
168 100
99 46.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

Tgt Ion: 50 Resp: 524
Ion Ratio Lower Upper
50 100
52 50.5 27.8 41.8#

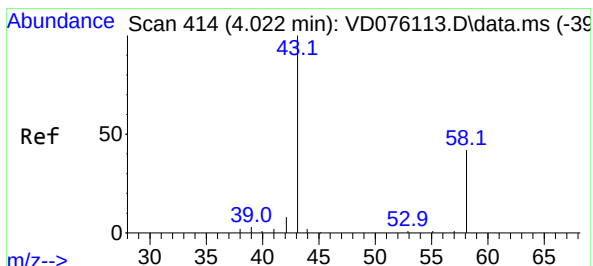
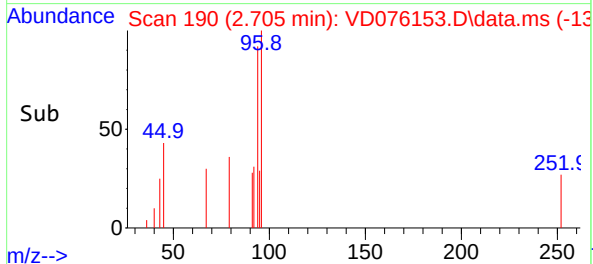
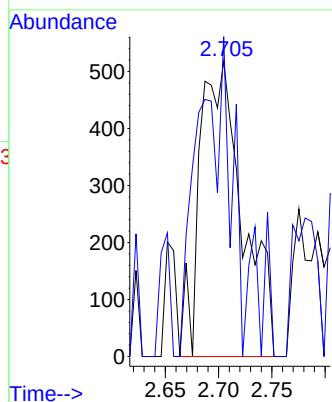
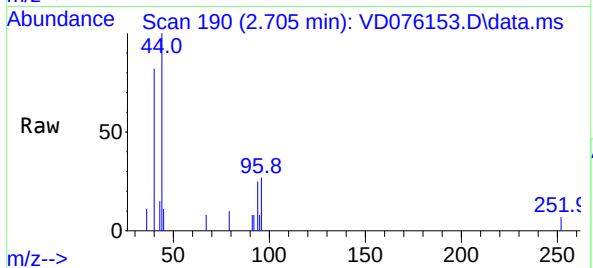




#5
Bromomethane
Concen: 1.529 ug/l
RT: 2.705 min Scan# 14
Delta R.T. 0.018 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

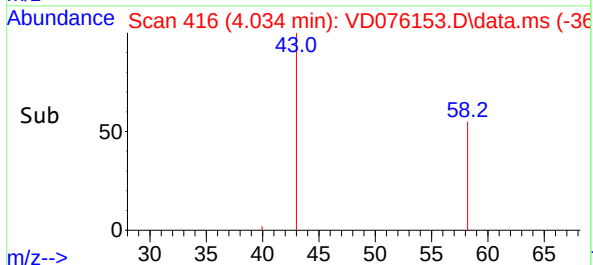
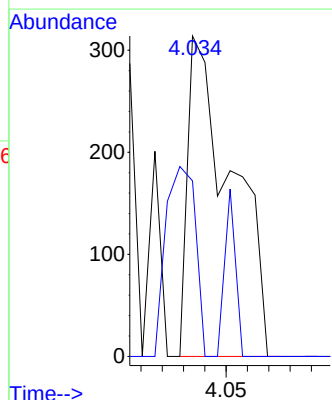
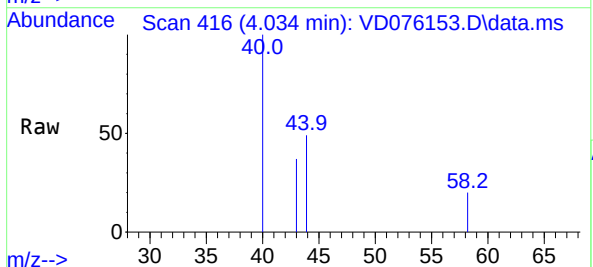
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723RE

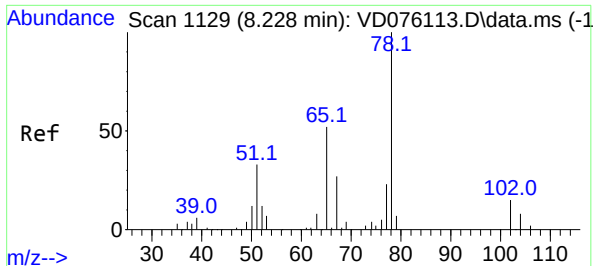
Tgt Ion: 94 Resp: 1452
Ion Ratio Lower Upper
94 100
96 52.5 77.5 116.3#



#16
Acetone
Concen: 3.227 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
58 54.8 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 114.510 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076153.D

Acq: 19 May 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

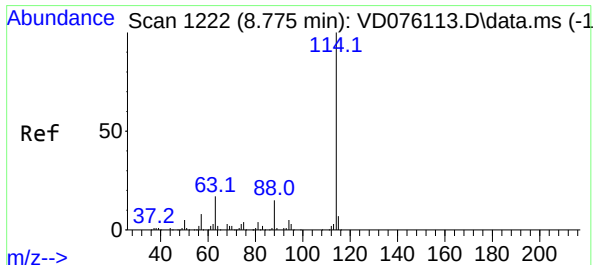
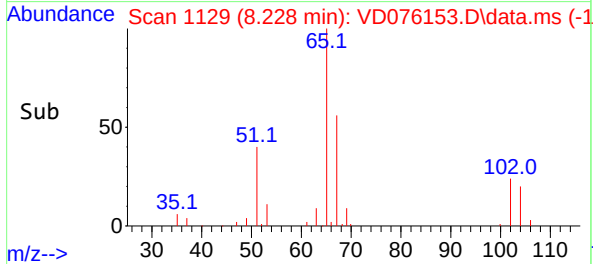
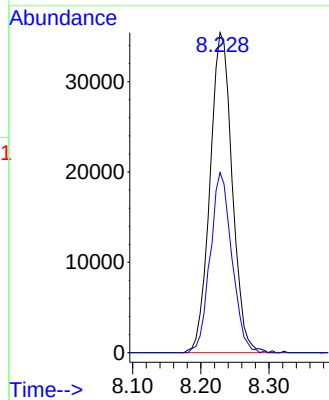
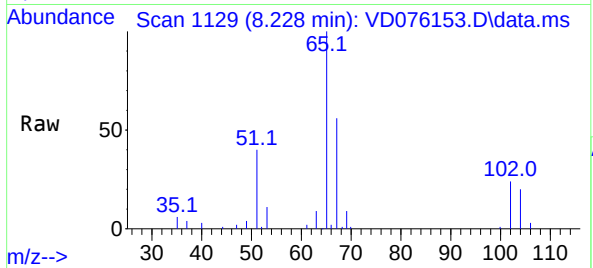
HD-02-051723RE

Tgt Ion: 65 Resp: 80251

Ion Ratio Lower Upper

65 100

67 54.9 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: VD076153.D

Acq: 19 May 2023 13:04

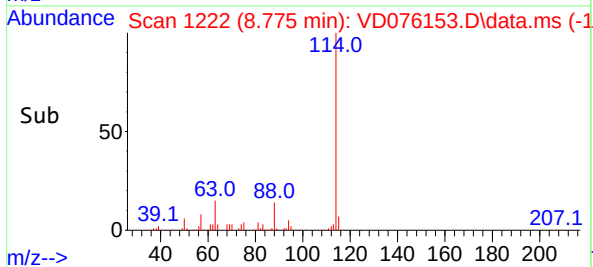
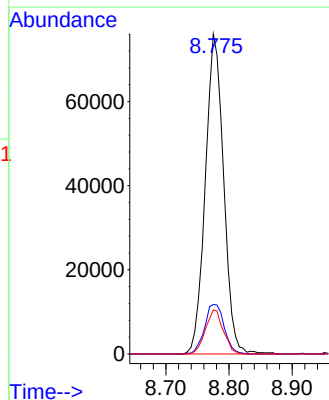
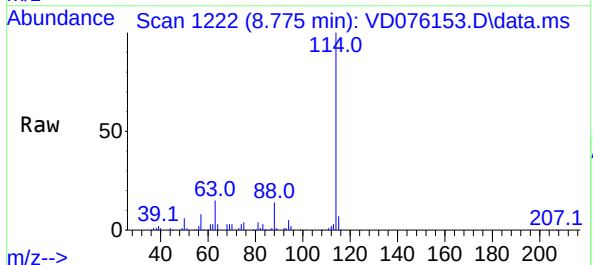
Tgt Ion:114 Resp: 153286

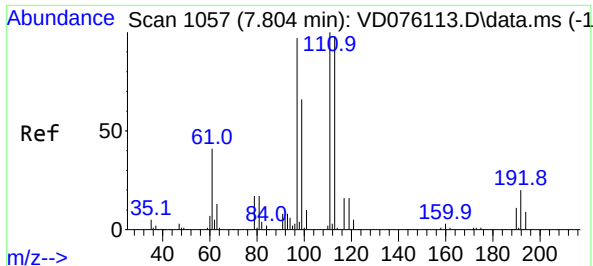
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 75.675 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD076153.D

Acq: 19 May 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

HD-02-051723RE

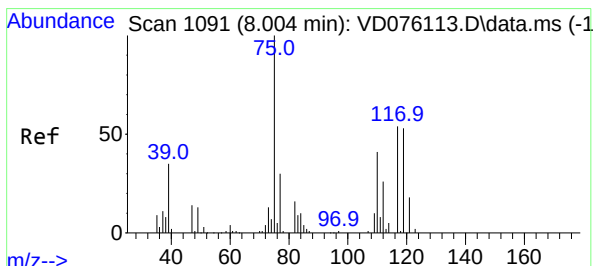
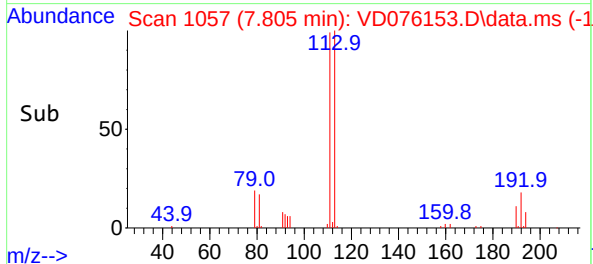
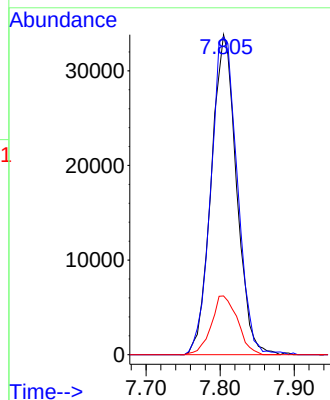
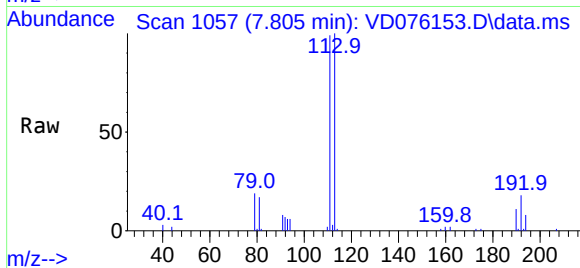
Tgt Ion:113 Resp: 80181

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.213 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD076153.D

Acq: 19 May 2023 13:04

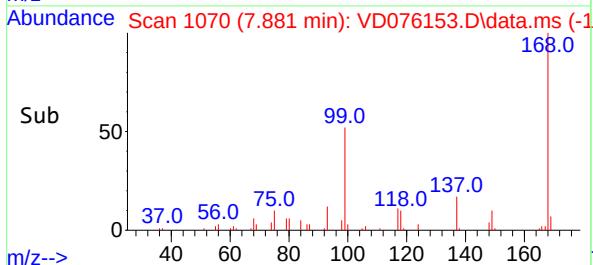
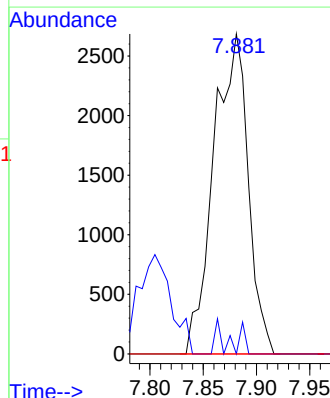
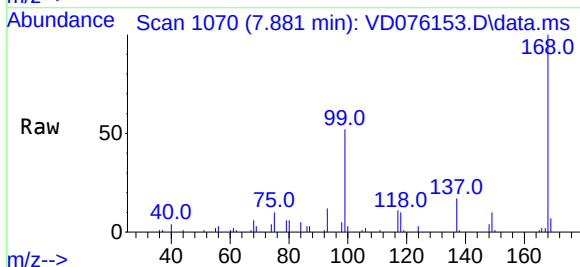
Tgt Ion: 75 Resp: 6028

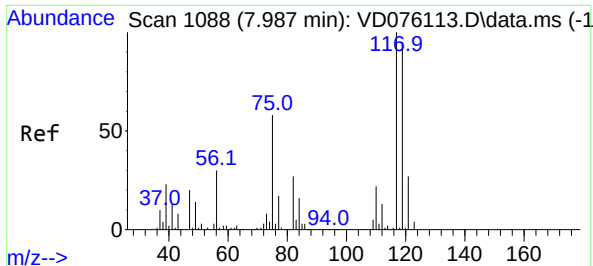
Ion Ratio Lower Upper

75 100

110 1.6 17.1 51.2#

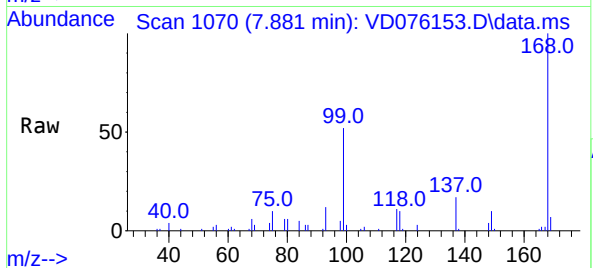
77 0.0 24.6 36.8#



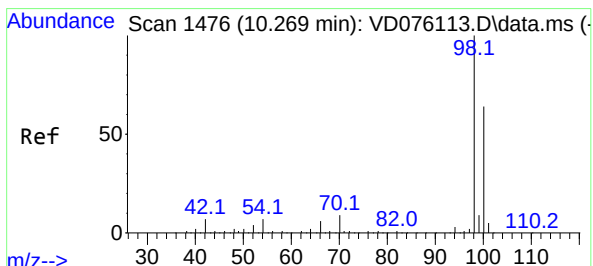
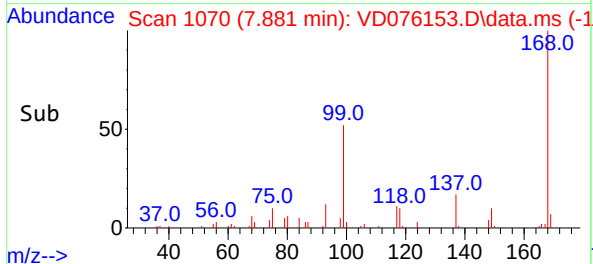
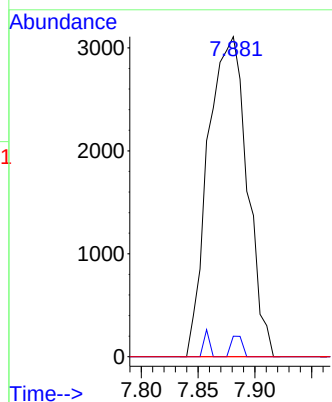


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723RE

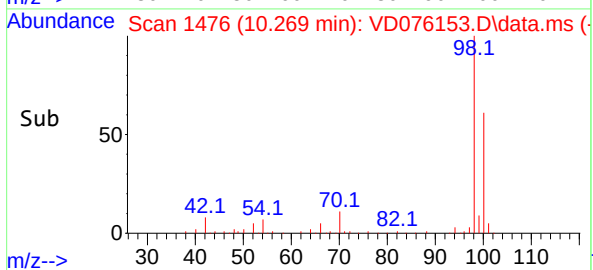
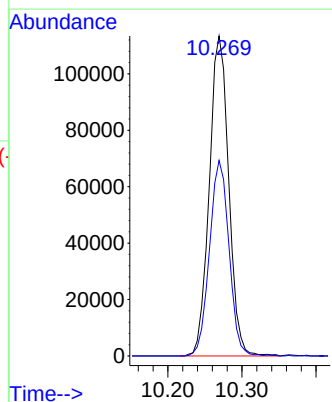
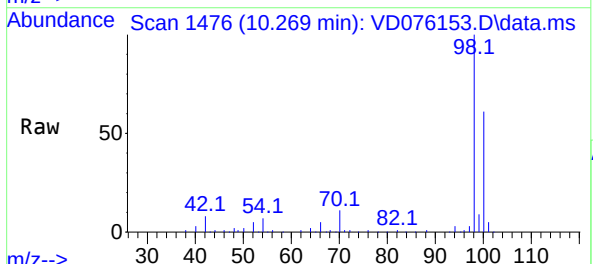


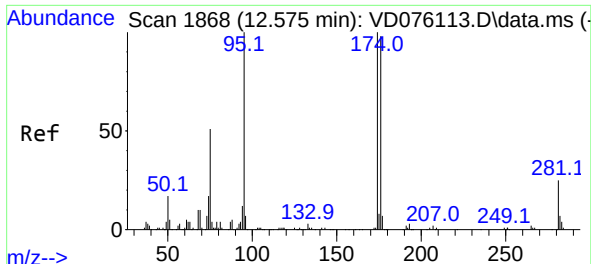
Tgt Ion:117 Resp: 7447
Ion Ratio Lower Upper
117 100
119 6.4 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

Tgt Ion: 98 Resp: 206524
Ion Ratio Lower Upper
98 100
100 61.3 52.1 78.1

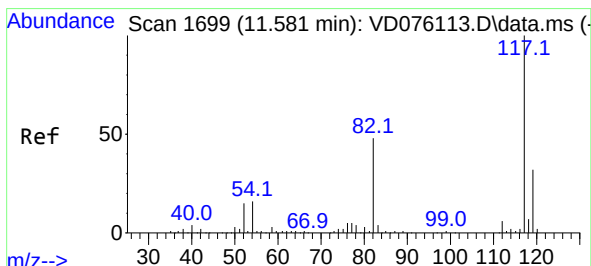
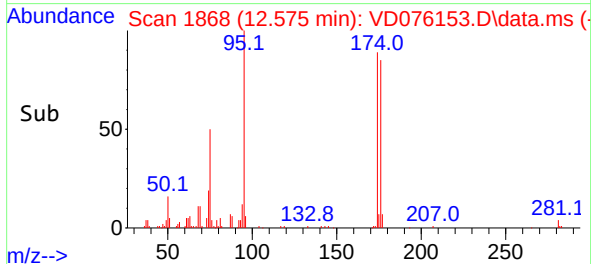
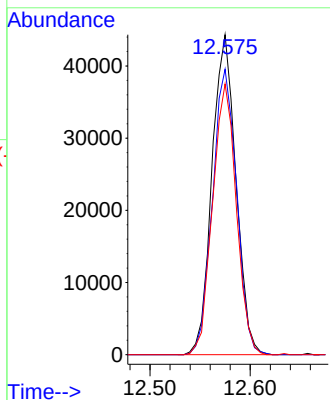
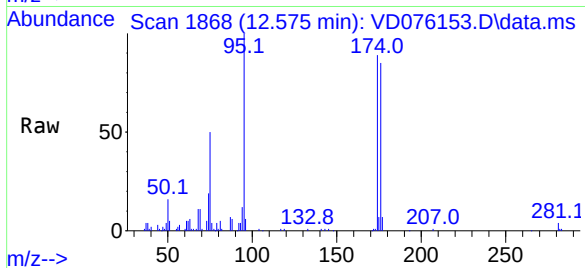




#62
4-Bromofluorobenzene
Concen: 64.069 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

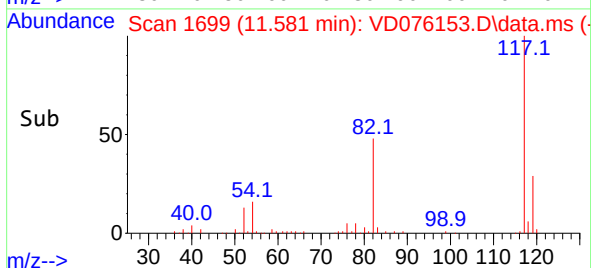
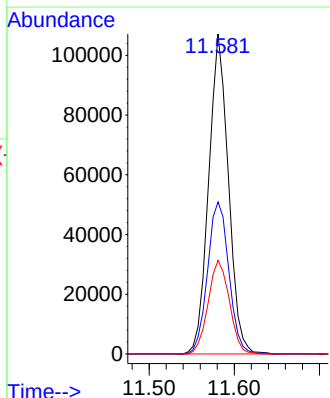
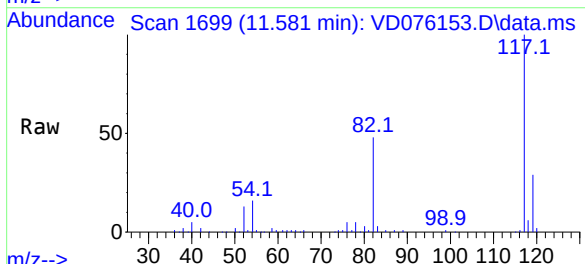
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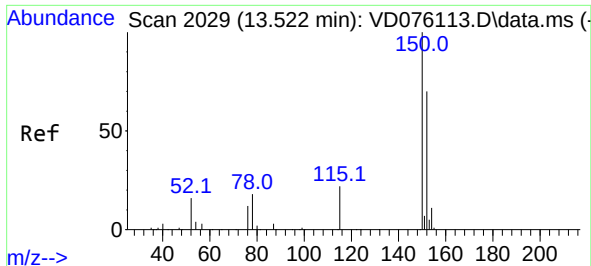
Tgt Ion:	95	Resp:	73510
Ion Ratio	Lower	Upper	
95	100		
174	90.0	0.0	164.0
176	83.9	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

Tgt Ion:	117	Resp:	172506
Ion Ratio	Lower	Upper	
117	100		
82	47.5	44.0	66.0
119	29.3	25.1	37.7

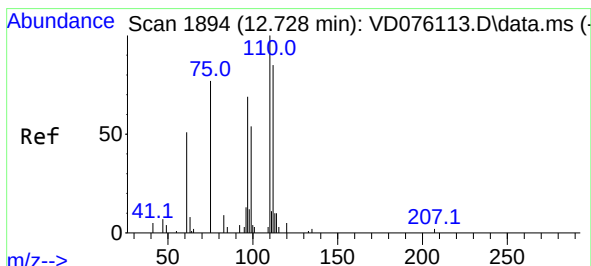
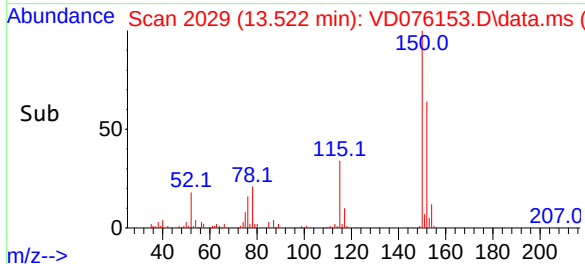
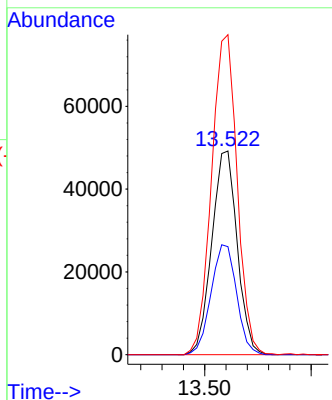
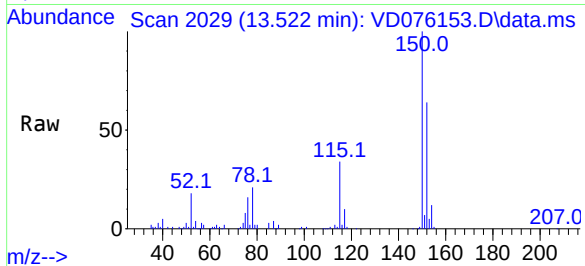




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

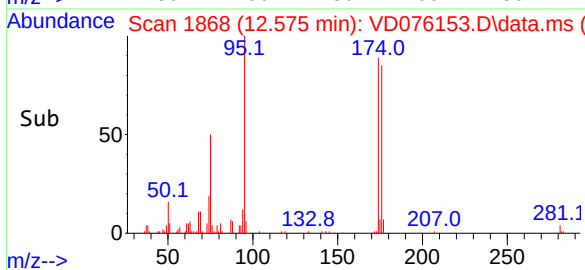
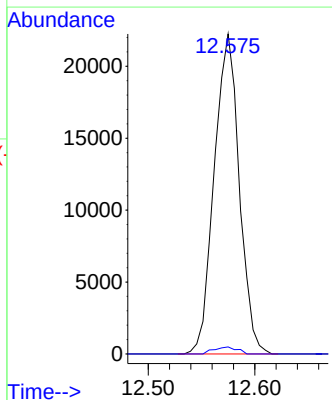
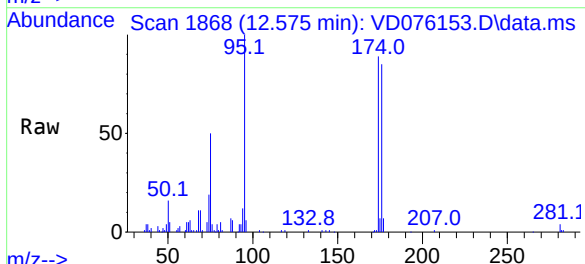
Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723RE

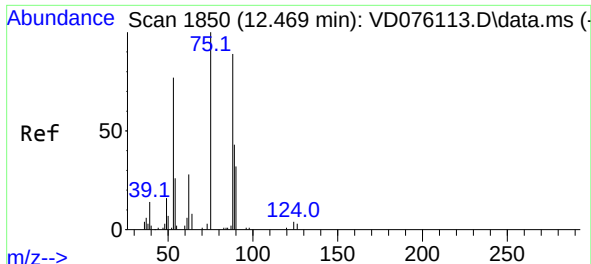
Tgt Ion:152 Resp: 81550
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 158.0 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 50.857 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

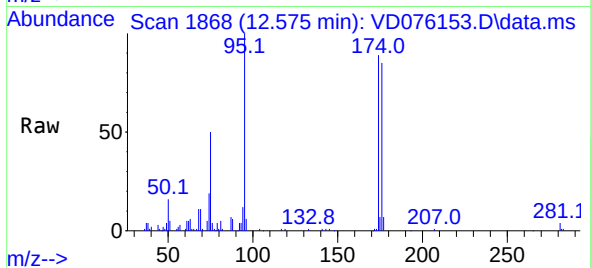
Tgt Ion: 75 Resp: 36293
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076153.D
Acq: 19 May 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723RE



Tgt Ion: 75 Resp: 36293

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

