

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076732.D
 Acq On : 12 Jul 2023 15:02
 Operator : KP/SY
 Sample : 03565-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-DIS-01-7-10-2023

Quant Time: Jul 13 01:21:14 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)

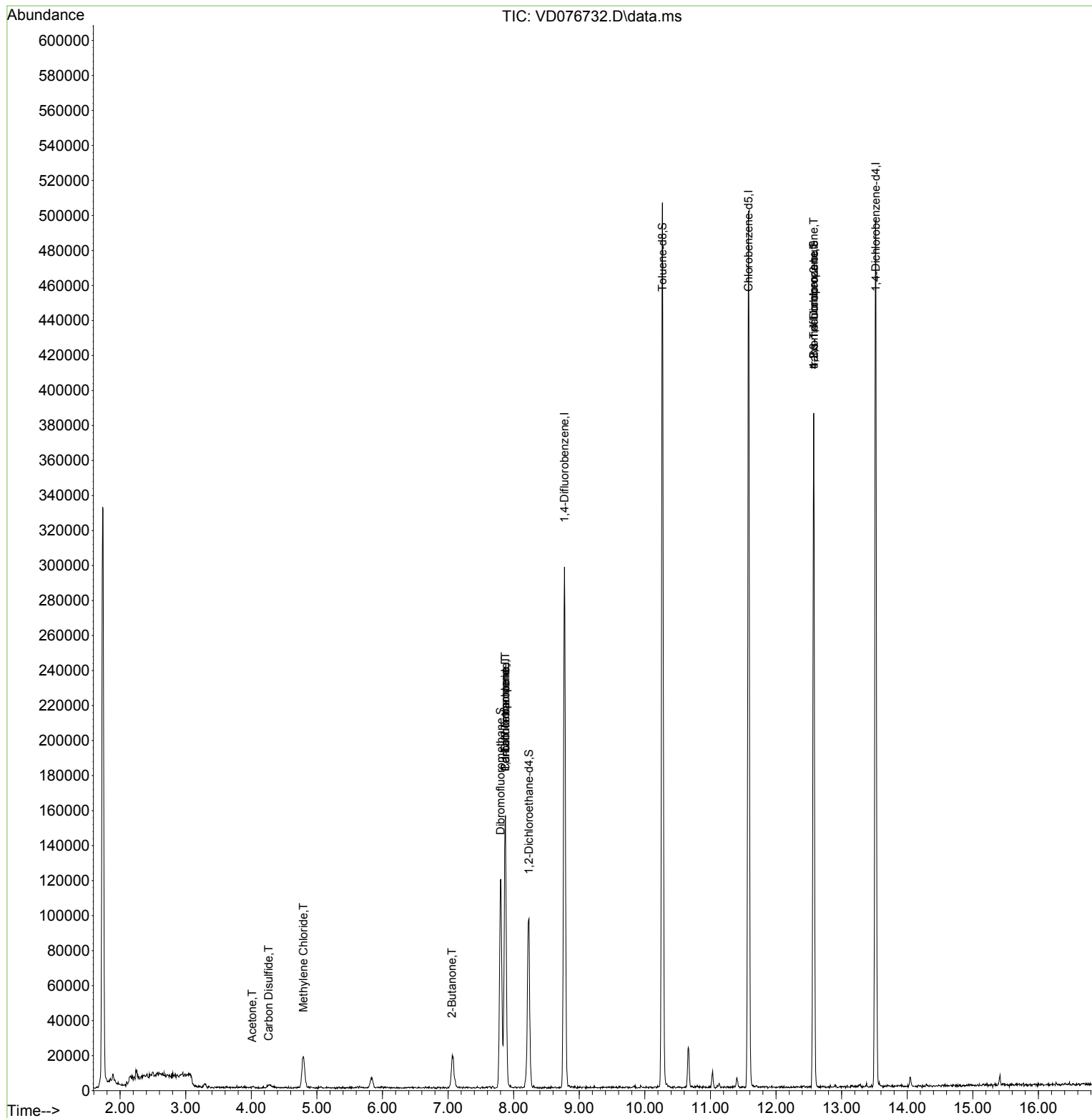
Internal Standards						
1) Pentafluorobenzene	7.875	168	114483	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	261421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76768	66.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.860%	
35) Dibromofluoromethane	7.798	113	87614	56.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.840%	
50) Toluene-d8	10.269	98	342542	58.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.320%	
62) 4-Bromofluorobenzene	12.575	95	115170	60.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 120.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	998	3.656	ug/l	# 32
17) Carbon Disulfide	4.263	76	3344	1.168	ug/l	# 76
20) Methylene Chloride	4.793	84	13470	1.227	ug/l	93
25) 2-Butanone	7.057	43	516	1.222	ug/l	# 37
36) 1,1-Dichloropropene	7.875	75	10562	4.857	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	12023	6.185	ug/l	# 11
76) 1,2,3-Trichloropropane	12.575	75	61932	47.951	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	61932	105.072	ug/l	# 17

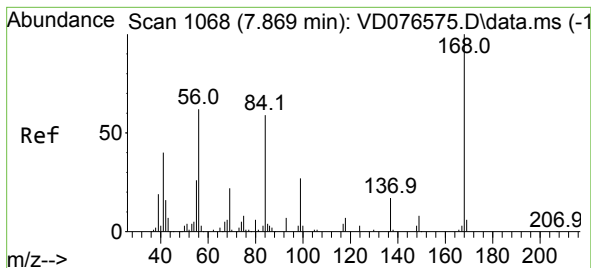
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076732.D

Acq: 12 Jul 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

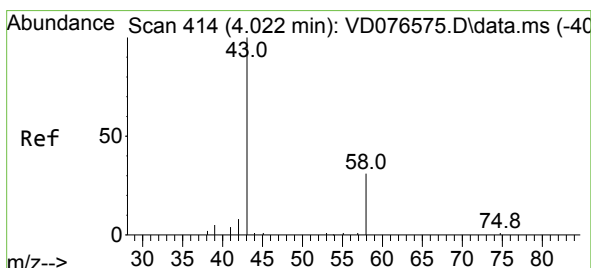
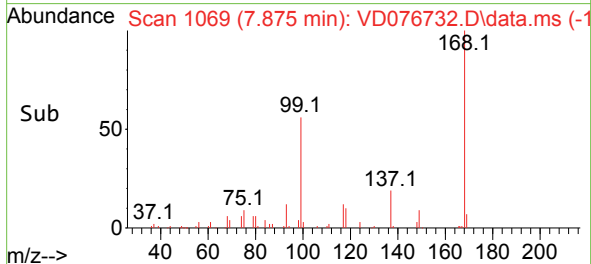
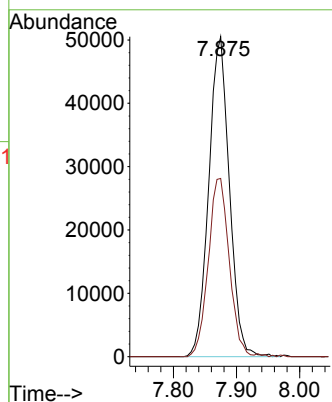
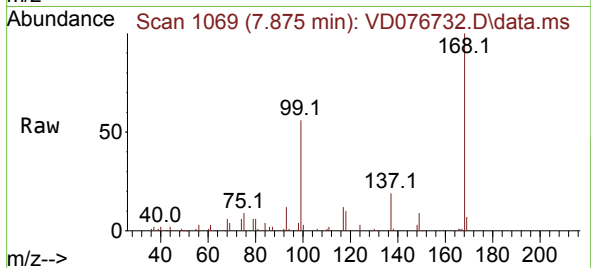
PAT-DIS-01-7-10-2023

Tgt Ion:168 Resp: 114483

Ion Ratio Lower Upper

168 100

99 55.7 36.7 55.1#



#16

Acetone

Concen: 3.656 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD076732.D

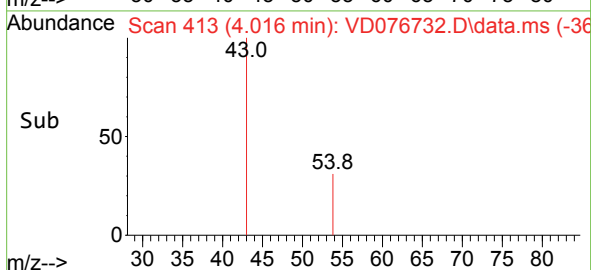
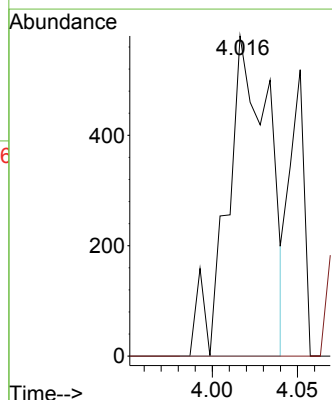
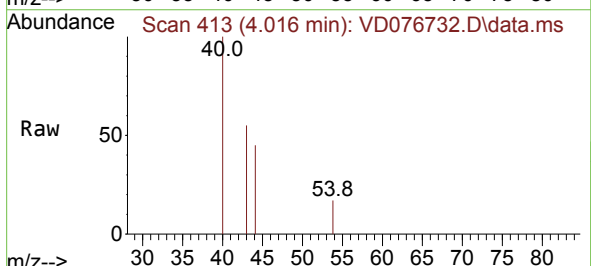
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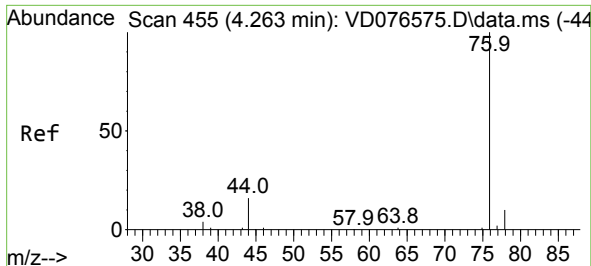
Tgt Ion: 43 Resp: 998

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

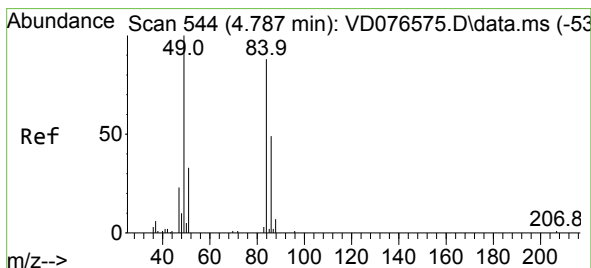
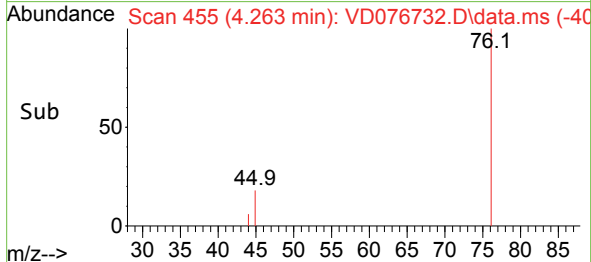
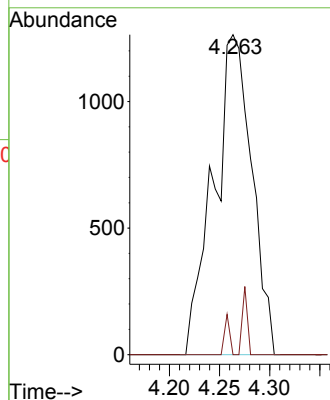
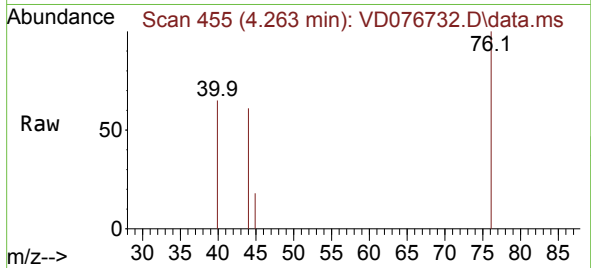




#17
Carbon Disulfide
Concen: 1.168 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

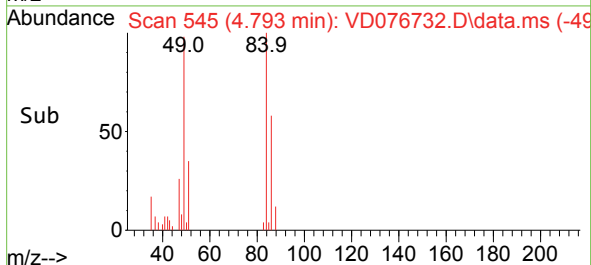
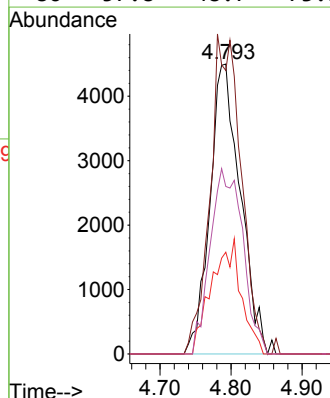
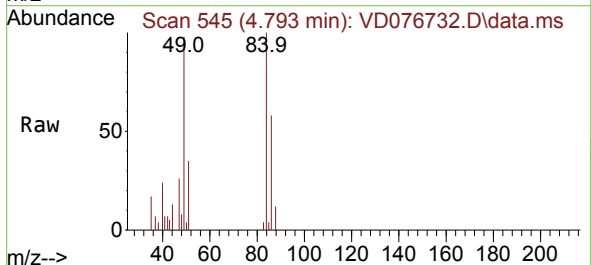
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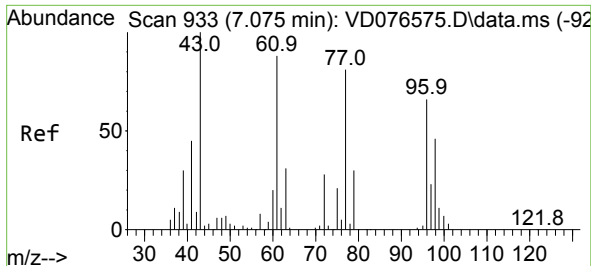
Tgt Ion: 76 Resp: 3344
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 1.227 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Tgt Ion: 84 Resp: 13470
Ion Ratio Lower Upper
84 100
49 97.8 71.4 107.2
51 35.1 24.5 36.7
86 57.8 48.7 73.1

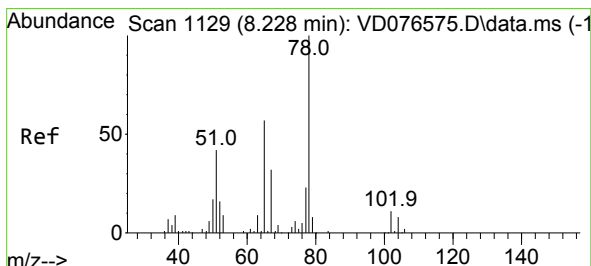
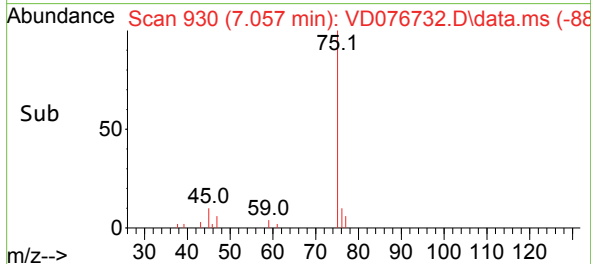
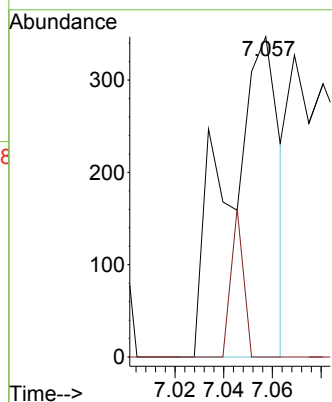
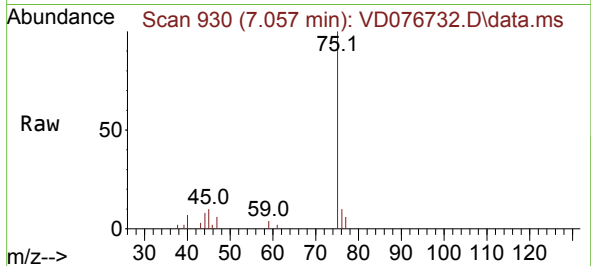




#25
2-Butanone
Concen: 1.222 ug/l
RT: 7.057 min Scan# 91
Delta R.T. -0.024 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

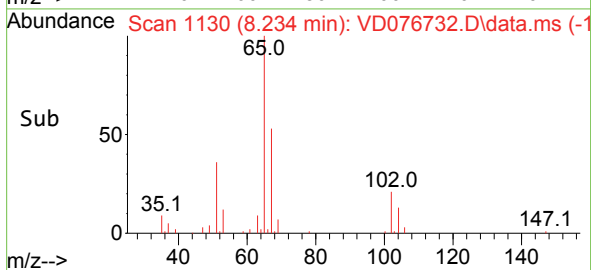
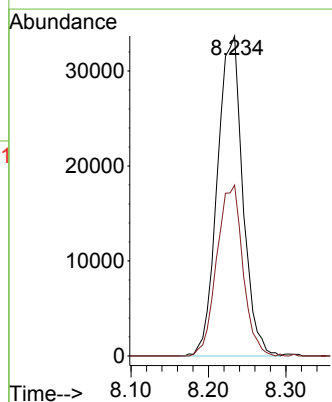
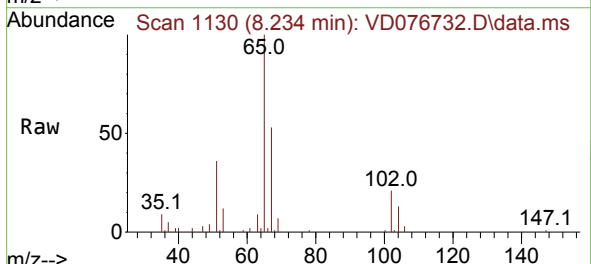
Instrument :
MSVOA_D
ClientSampleId :
PAT-DIS-01-7-10-2023

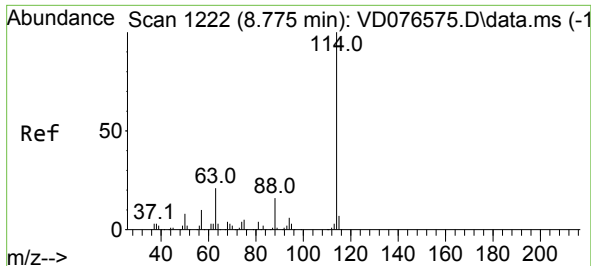
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 66.928 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Tgt Ion: 65 Resp: 76768
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076732.D

Acq: 12 Jul 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

PAT-DIS-01-7-10-2023

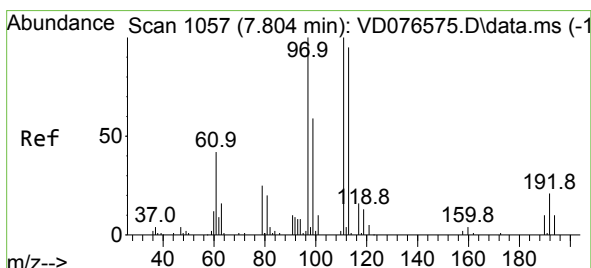
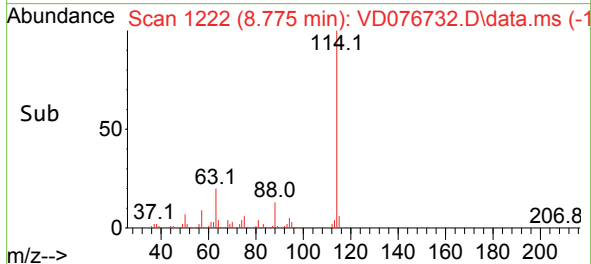
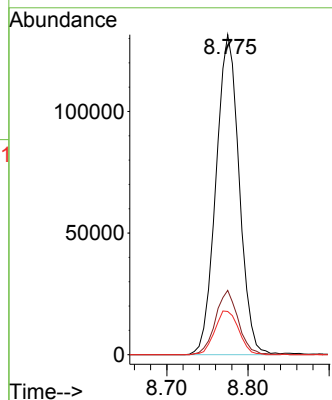
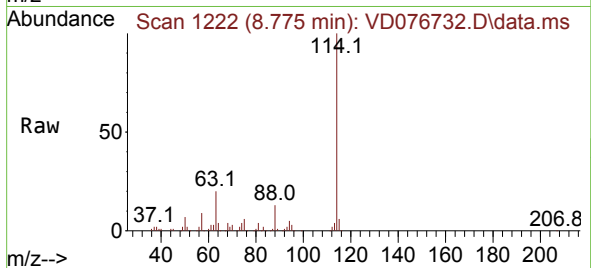
Tgt Ion:114 Resp: 261421

Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.415 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076732.D

Acq: 12 Jul 2023 15:02

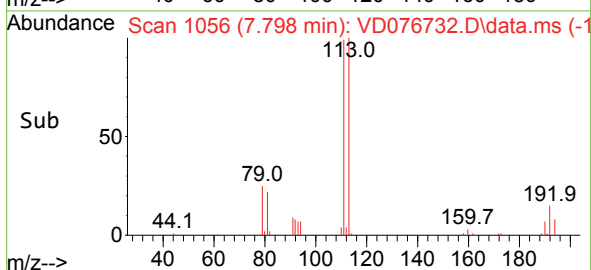
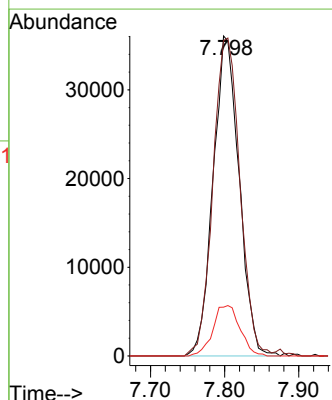
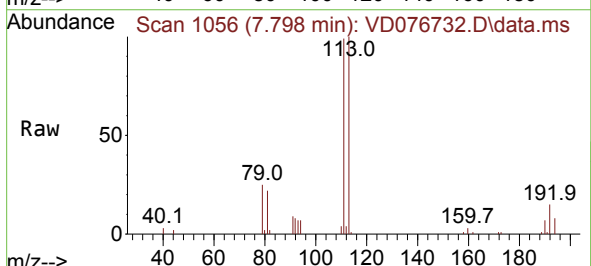
Tgt Ion:113 Resp: 87614

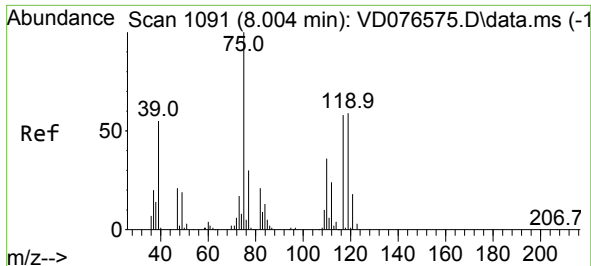
Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 16.4 16.8 25.2#

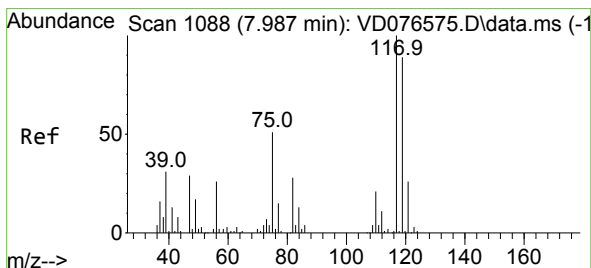
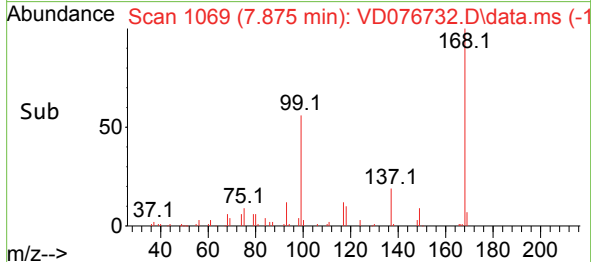
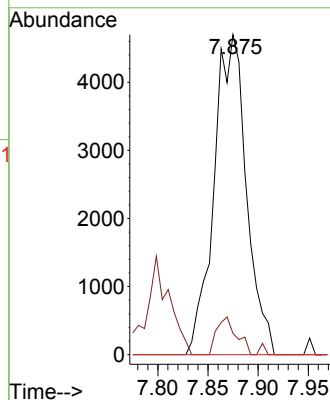
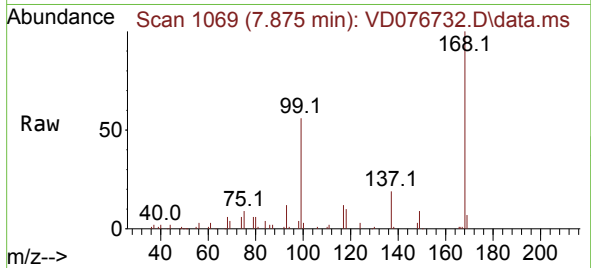




#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

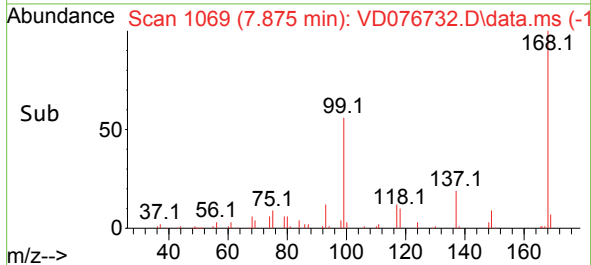
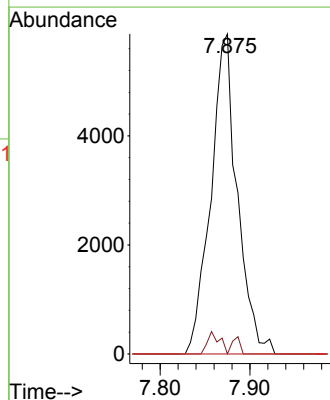
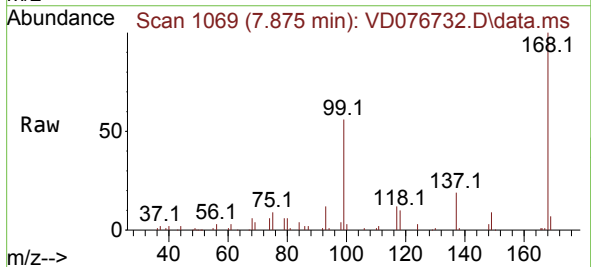
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MSVOA_D
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PAT-DIS-01-7-10-2023

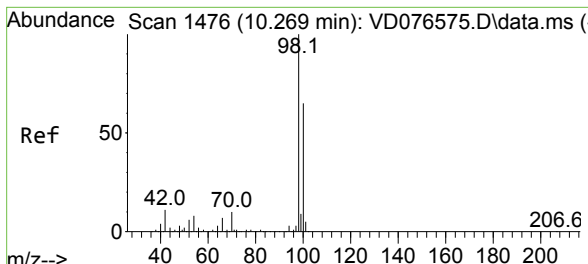
Tgt Ion: 75 Resp: 10562
Ion Ratio Lower Upper
75 100
110 7.2 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Tgt Ion: 117 Resp: 12023
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#

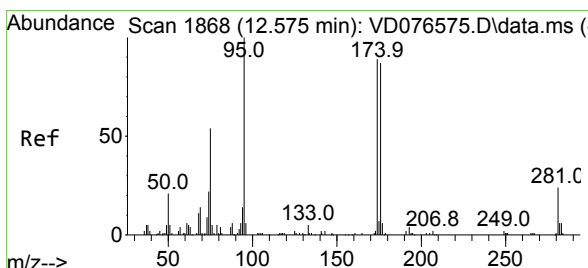
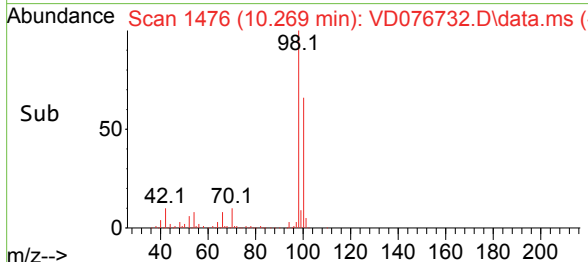
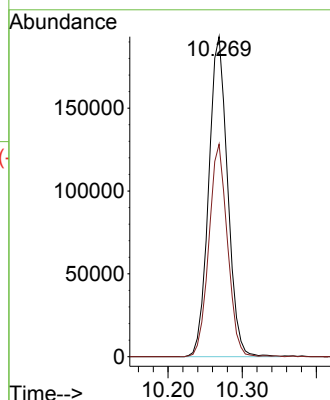
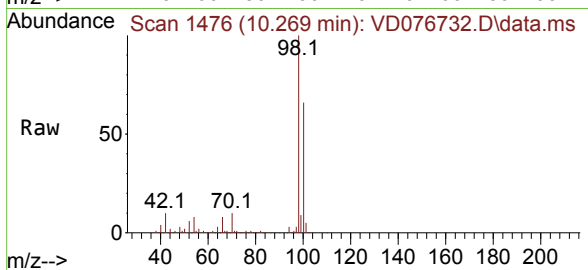




#50
Toluene-d8
Concen: 58.159 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

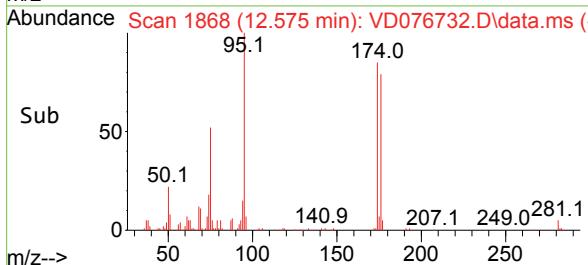
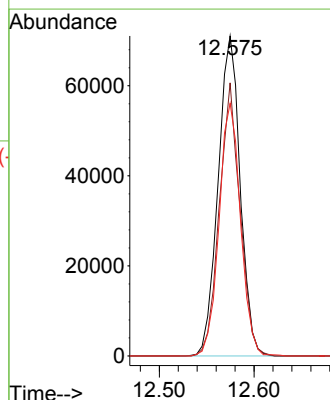
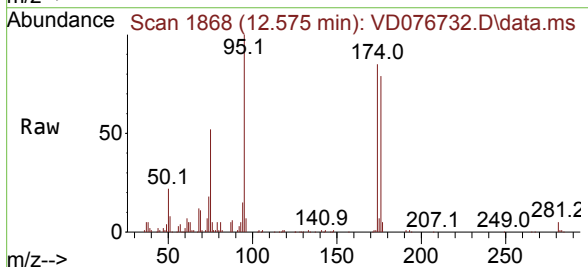
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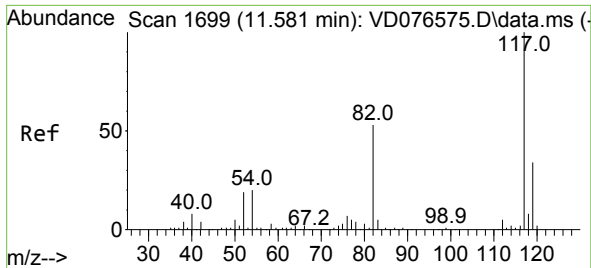
Tgt Ion: 98 Resp: 342542
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.252 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Tgt Ion: 95 Resp: 115170
Ion Ratio Lower Upper
95 100
174 79.7 0.0 201.8
176 76.6 0.0 191.8

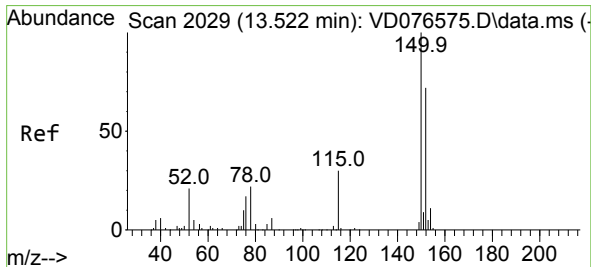
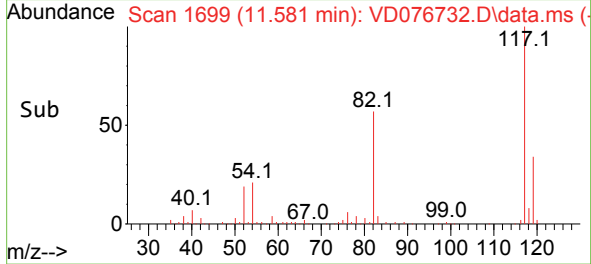
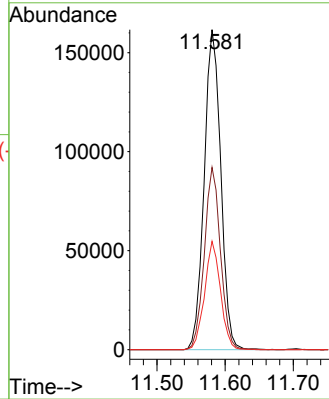
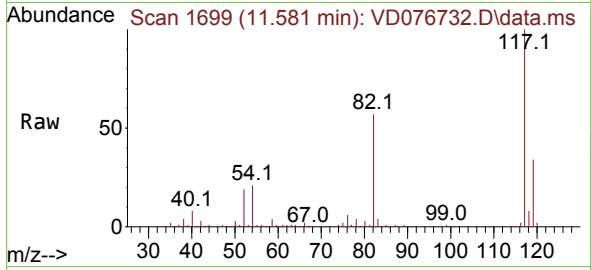




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

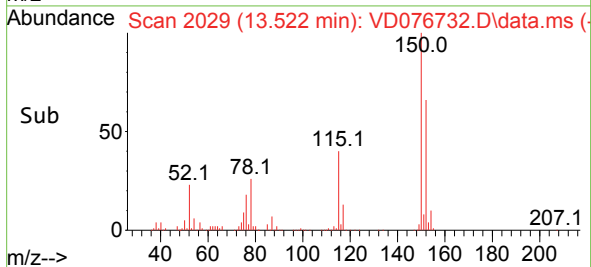
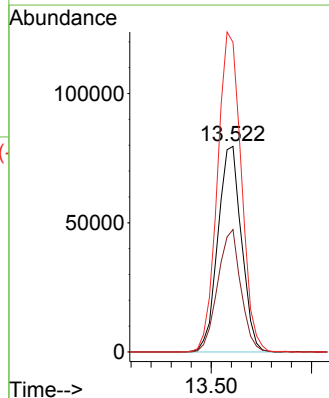
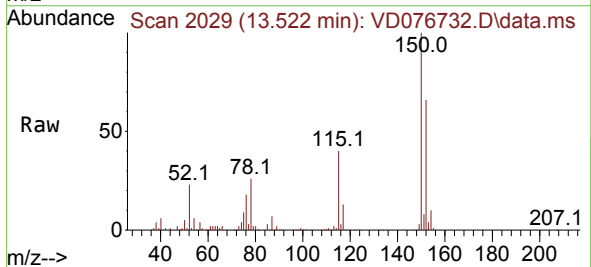
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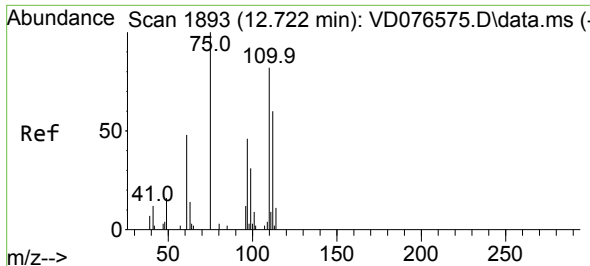
Tgt Ion:117 Resp: 273653
Ion Ratio Lower Upper
117 100
82 57.0 38.3 57.5
119 33.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Tgt Ion:152 Resp: 130135
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 157.3 0.0 353.6

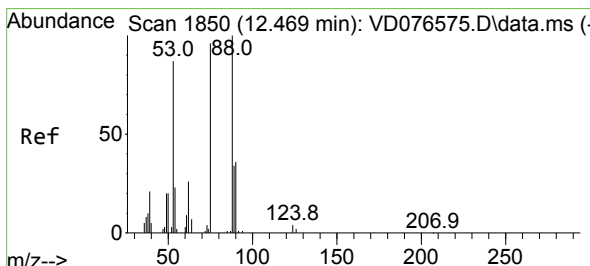
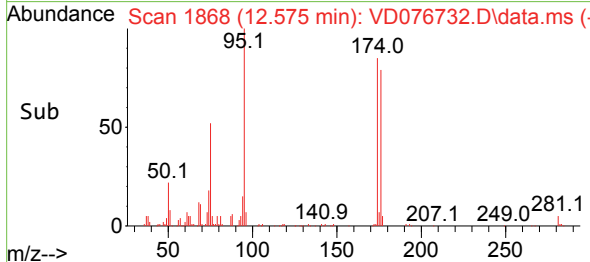
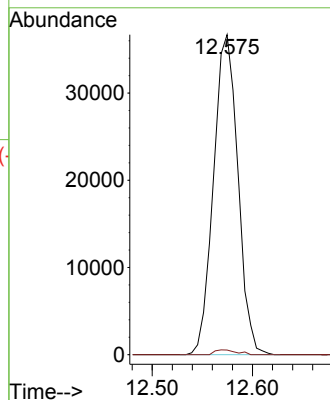
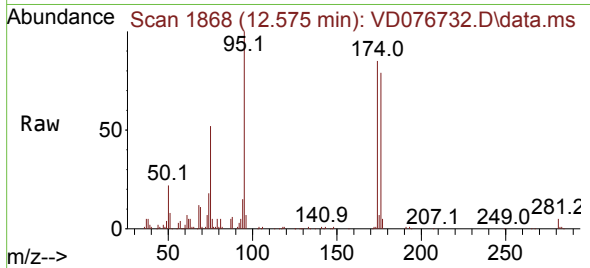




#76
1,2,3-Trichloropropane
Concen: 47.951 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Instrument : MSVOA_D
ClientSampleId : PAT-DIS-01-7-10-2023

Tgt Ion: 75 Resp: 61932
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.072 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076732.D
Acq: 12 Jul 2023 15:02

Tgt Ion: 75 Resp: 61932
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

