

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075386.D
 Acq On : 21 Feb 2023 17:44
 Operator : KP/SY
 Sample : 01613-08
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-923-925

Quant Time: Feb 21 17:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

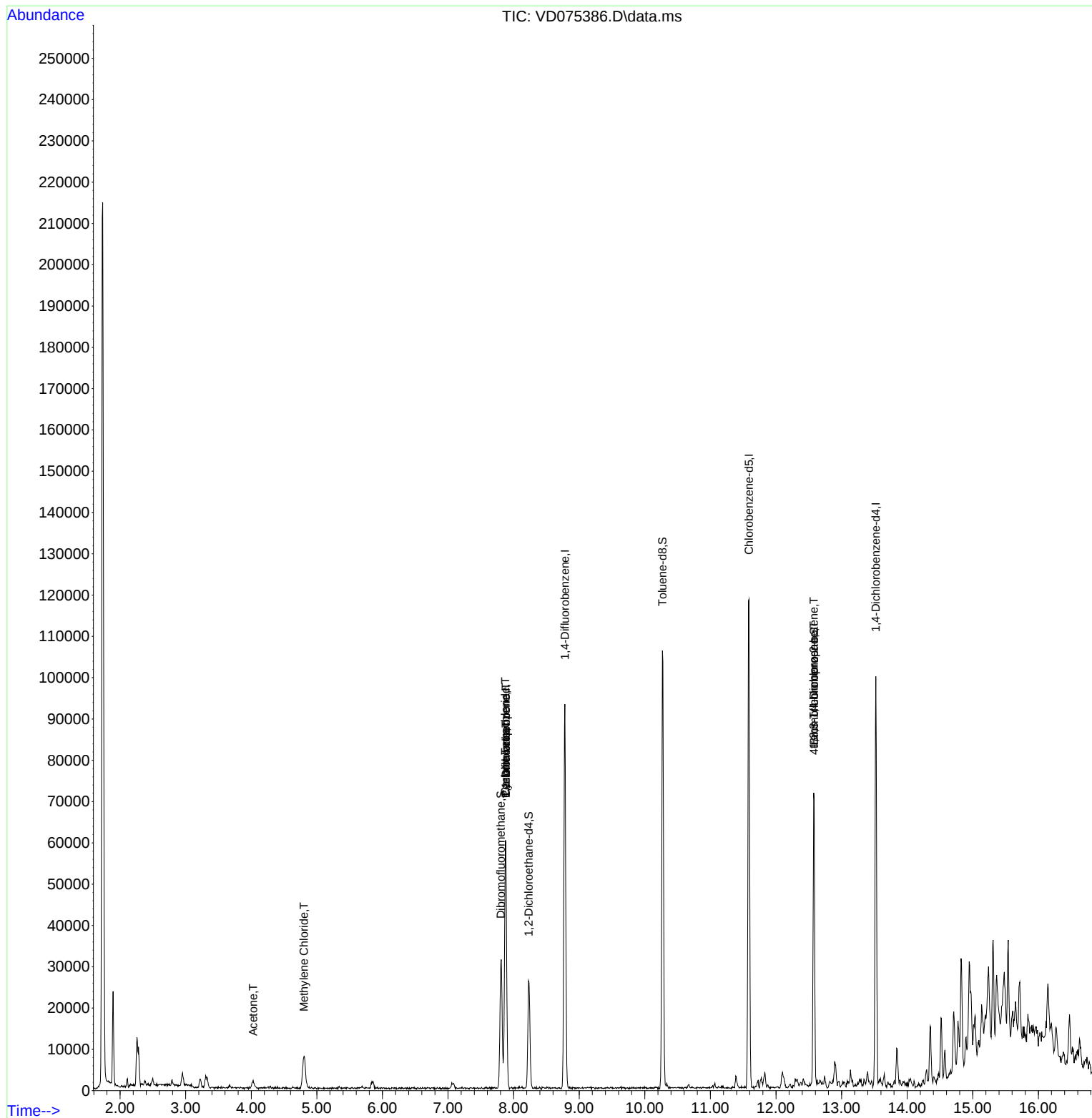
Internal Standards						
1) Pentafluorobenzene	7.881	168	44918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	66095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	24361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21097	54.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.805	113	21558	48.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.080%	
50) Toluene-d8	10.269	98	70851	43.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.500%	
62) 4-Bromofluorobenzene	12.581	95	21366	39.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.580%	
Target Compounds						
						Qvalue
16) Acetone	4.028	43	3022	25.995	ug/l	94
20) Methylene Chloride	4.805	84	5946	5.059	ug/l	91
31) Cyclohexane	7.881	56	1208	1.325	ug/l #	60
36) 1,1-Dichloropropene	7.881	75	3626	4.508	ug/l #	44
38) Carbon Tetrachloride	7.875	117	4490	5.572	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	11735	63.771	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	11735	144.996	ug/l #	5

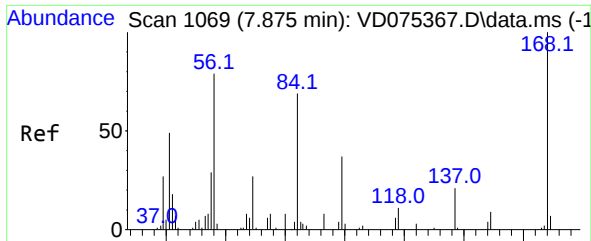
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

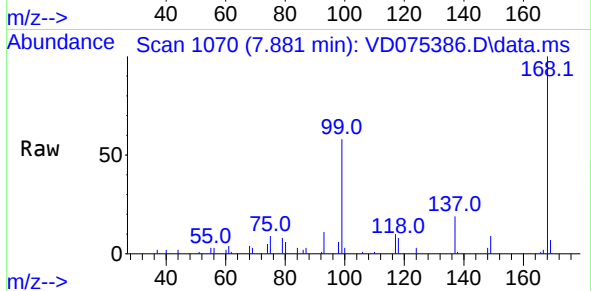
Quant Time: Feb 21 17:59:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 21 16:26:04 2023
Response via : Initial Calibration



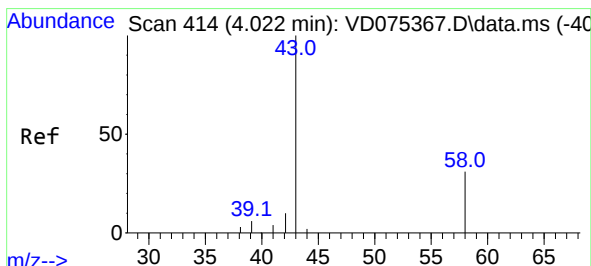
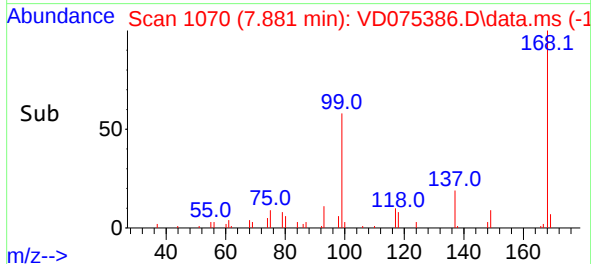
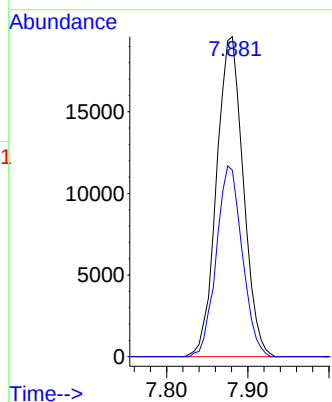


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

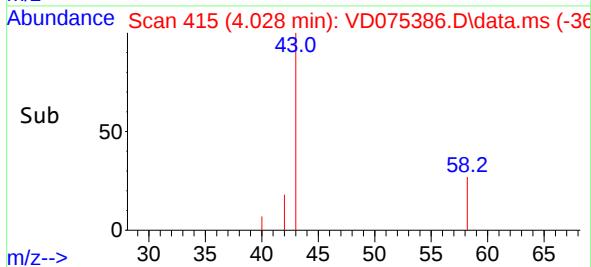
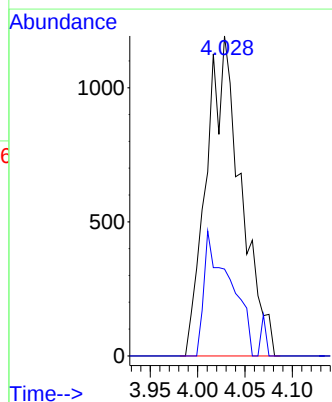
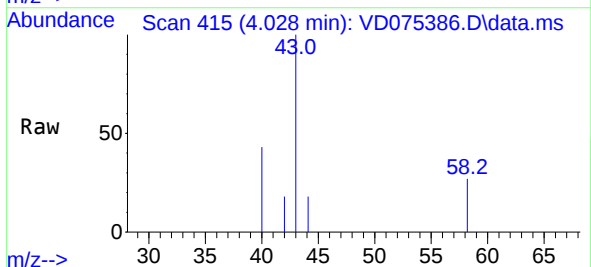


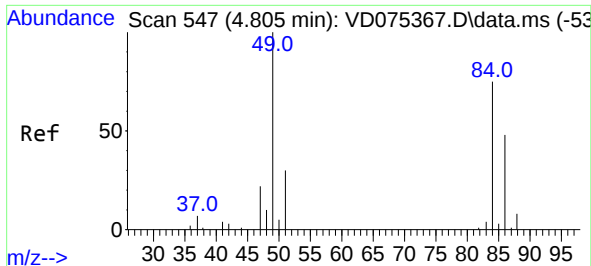
Tgt Ion:168 Resp: 44918
Ion Ratio Lower Upper
168 100
99 58.3 43.8 65.6



#16
Acetone
Concen: 25.995 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion: 43 Resp: 3022
Ion Ratio Lower Upper
43 100
58 27.2 24.4 36.6



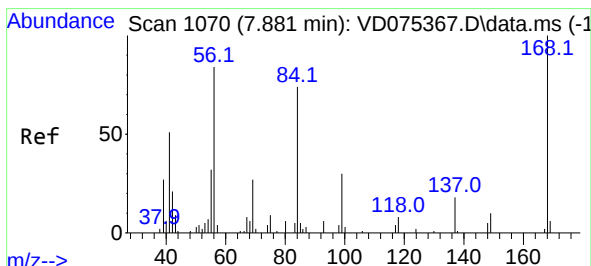
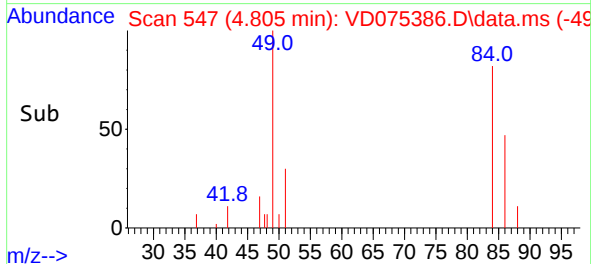
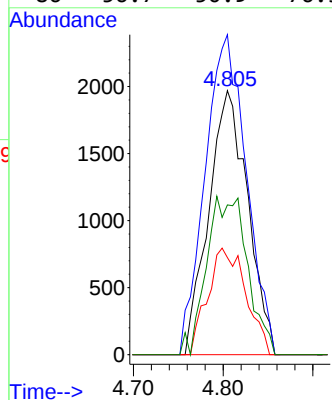
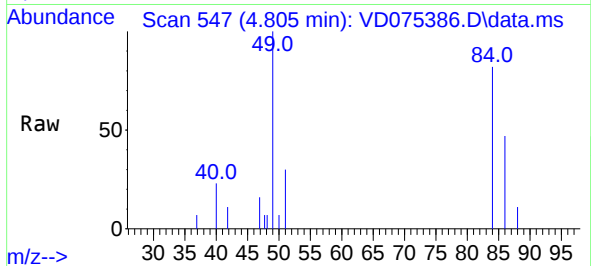


#20
Methylene Chloride
Concen: 5.059 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

Tgt Ion: 84 Resp: 5946

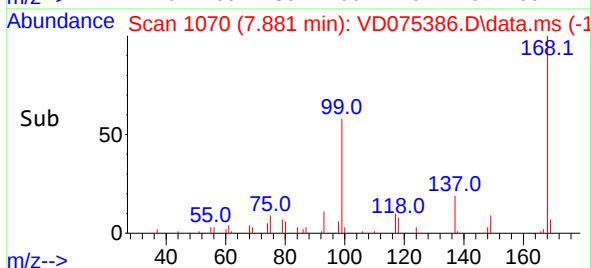
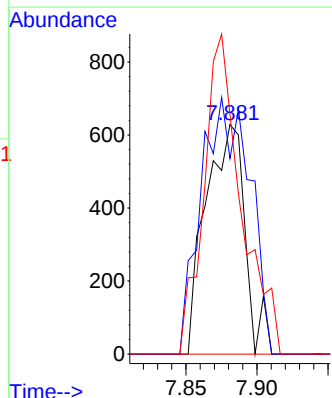
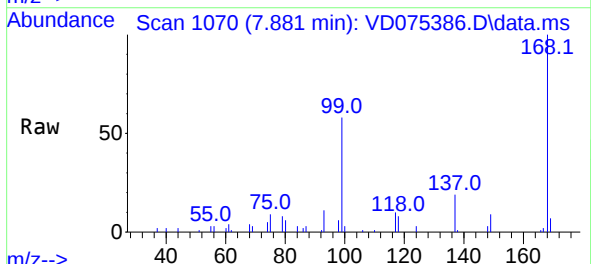
Ion	Ratio	Lower	Upper
84	100		
49	121.2	106.4	159.6
51	36.8	32.4	48.6
86	56.7	50.9	76.3

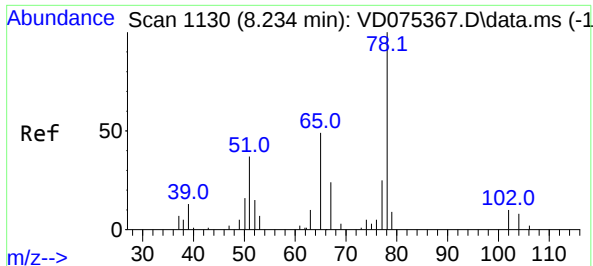


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion: 56 Resp: 1208

Ion	Ratio	Lower	Upper
56	100		
69	85.2	25.5	38.3#
84	104.5	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 54.856 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD075386.D

Acq: 21 Feb 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

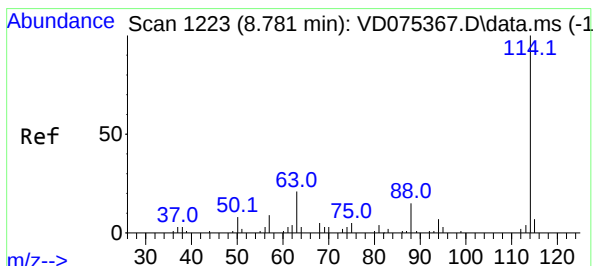
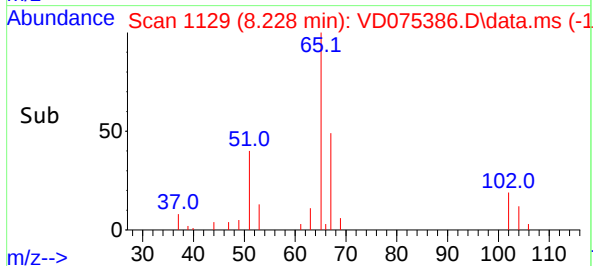
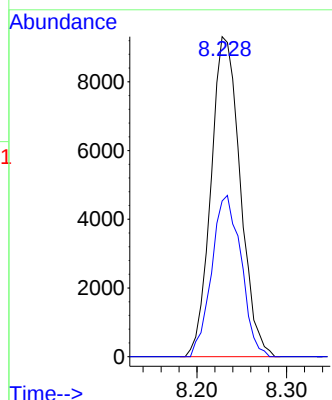
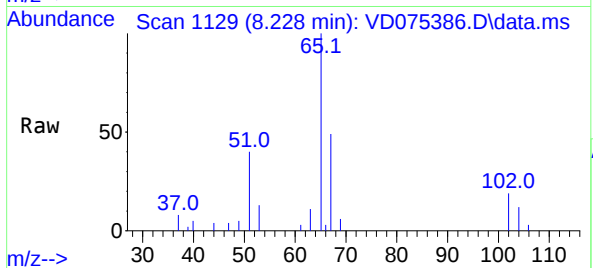
BP-VPB-RW10-GW-923-925

Tgt Ion: 65 Resp: 21097

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075386.D

Acq: 21 Feb 2023 17:44

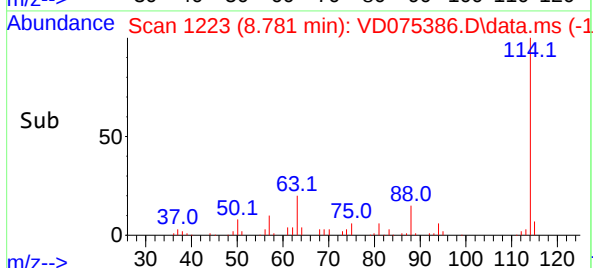
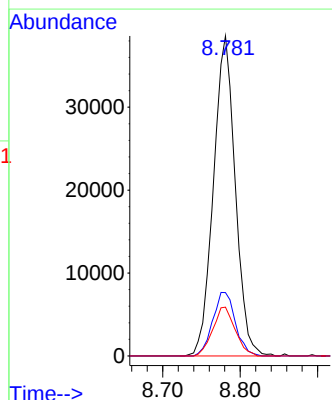
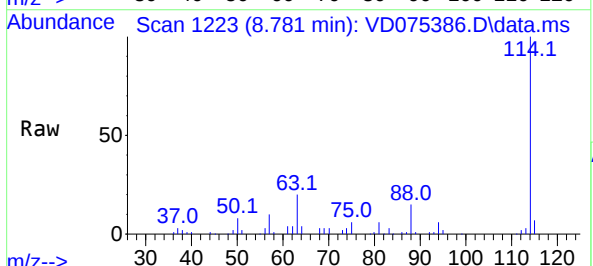
Tgt Ion: 114 Resp: 75590

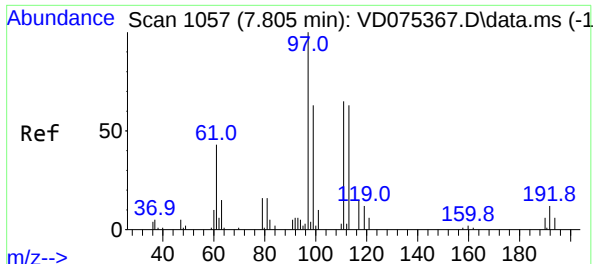
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.3 0.0 30.6

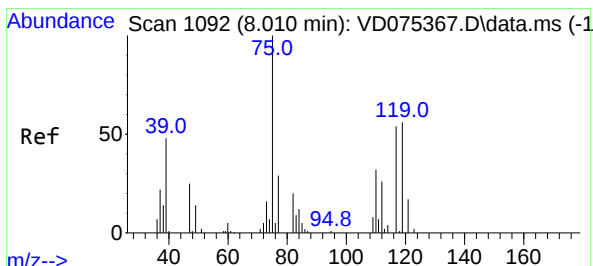
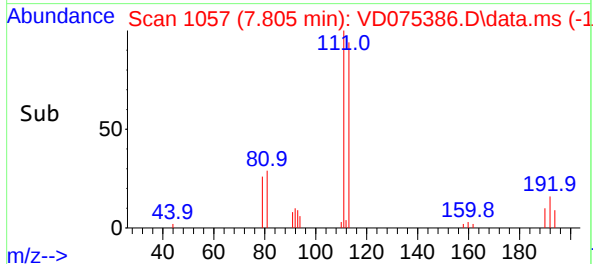
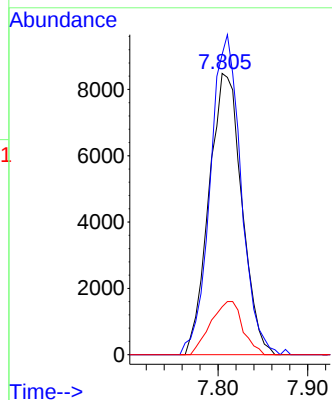
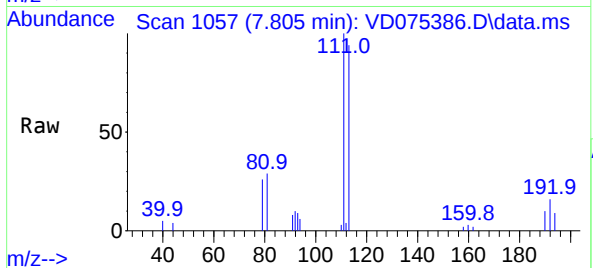




#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

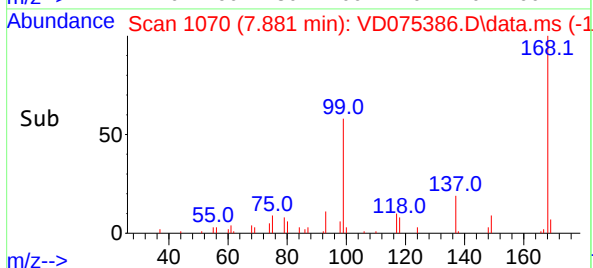
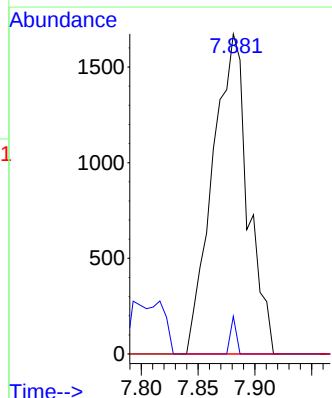
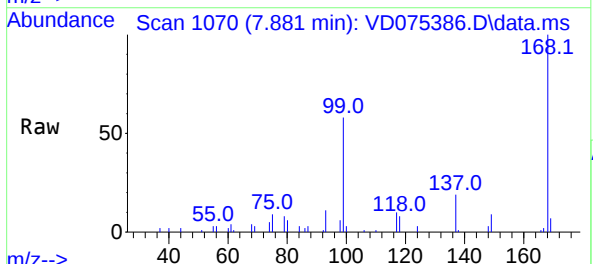
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

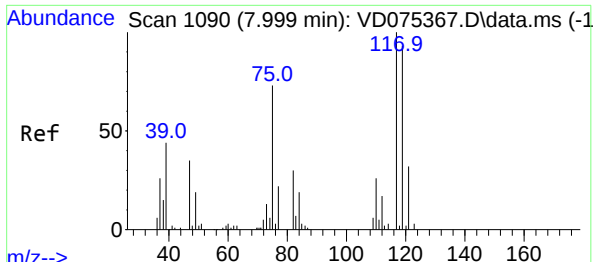
Tgt Ion:113 Resp: 21558
Ion Ratio Lower Upper
113 100
111 106.6 81.4 122.0
192 18.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

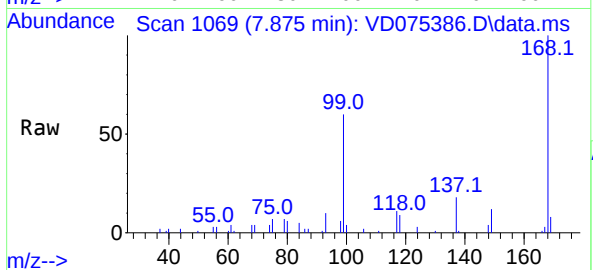
Tgt Ion: 75 Resp: 3626
Ion Ratio Lower Upper
75 100
110 1.9 17.1 51.2#
77 0.0 24.6 36.8#



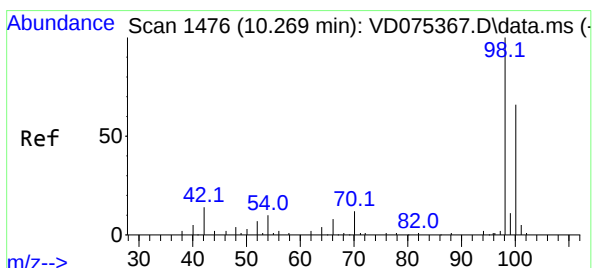
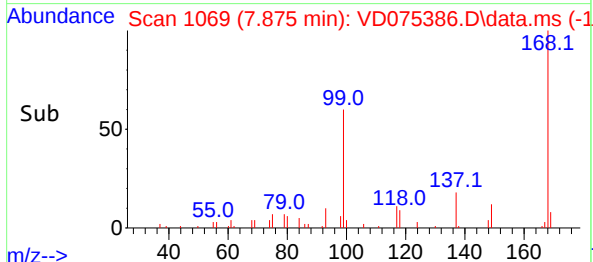
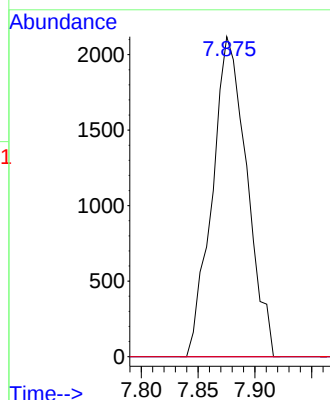


#38
Carbon Tetrachloride
Concen: 5.572 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

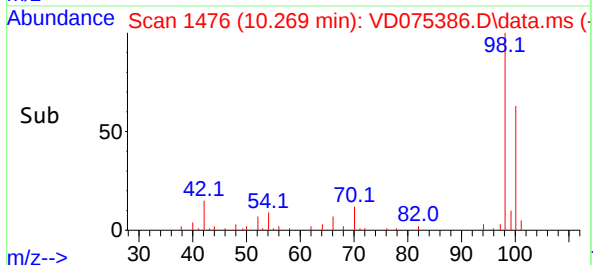
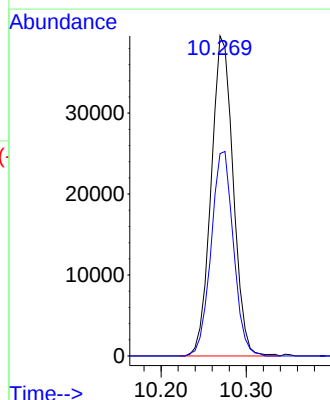
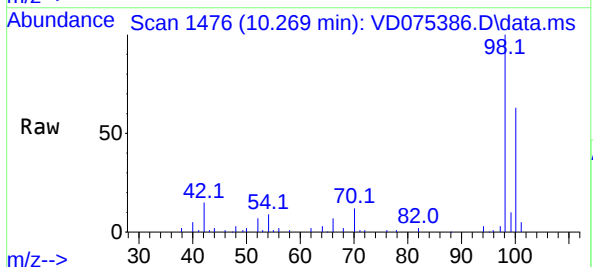


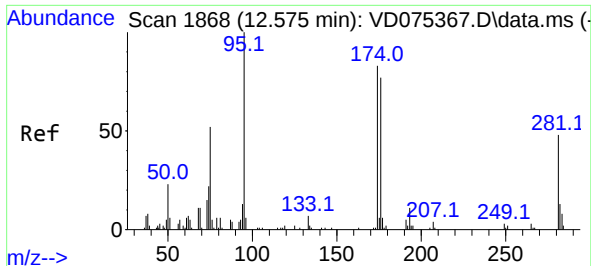
Tgt Ion:117 Resp: 4490
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.750 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion: 98 Resp: 70851
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

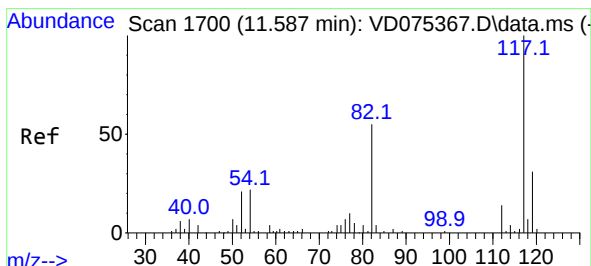
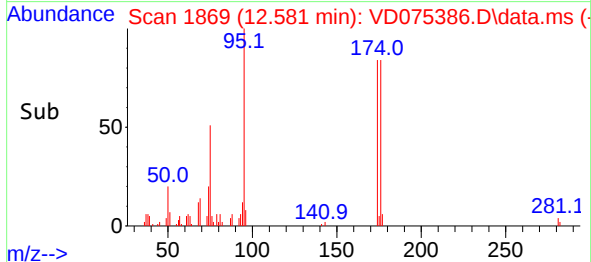
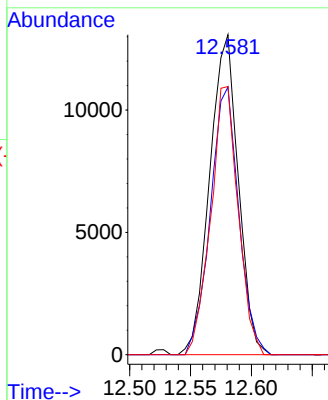
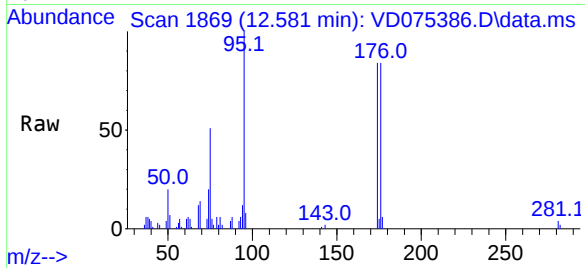




#62
4-Bromofluorobenzene
Concen: 39.291 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

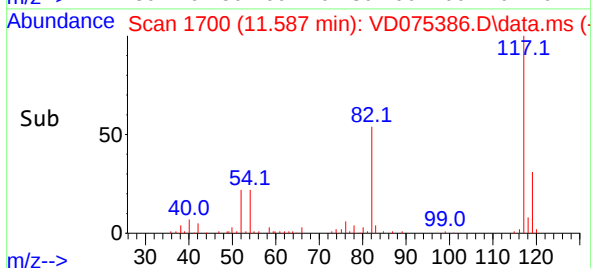
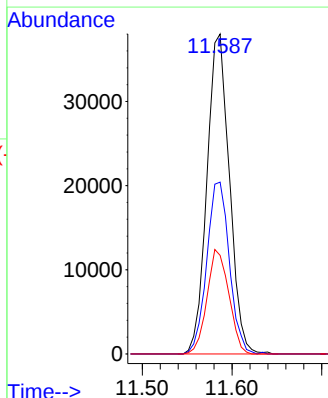
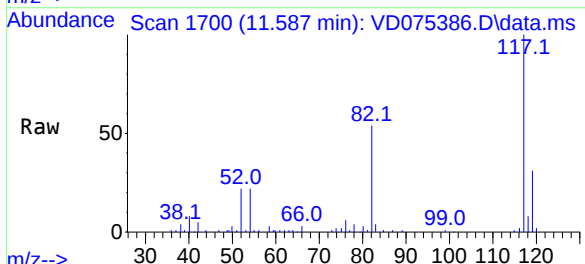
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MSVOA_D
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BP-VPB-RW10-GW-923-925

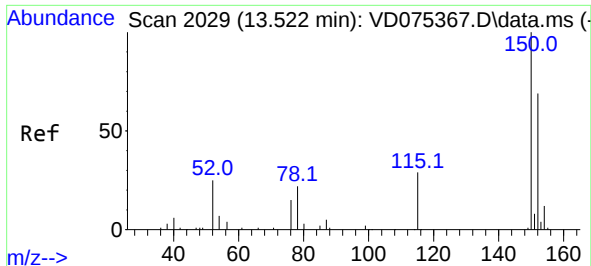
Tgt Ion:	95	Resp:	21366
Ion Ratio	Lower	Upper	
95	100		
174	83.2	0.0	164.0
176	80.5	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion:	117	Resp:	66095
Ion Ratio	Lower	Upper	
117	100		
82	53.7	44.0	66.0
119	30.8	25.1	37.7

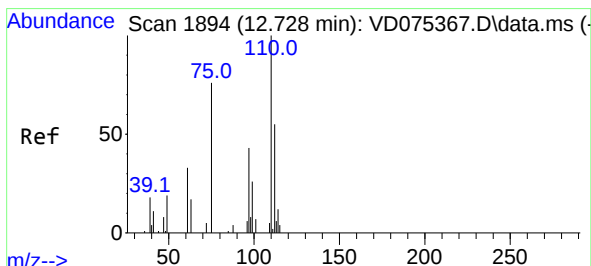
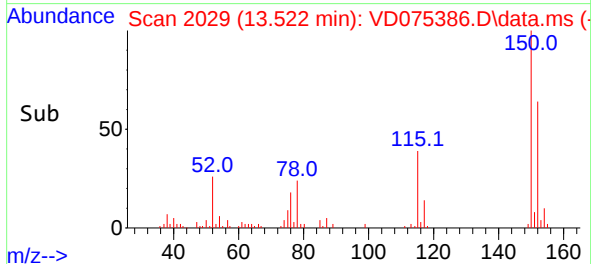
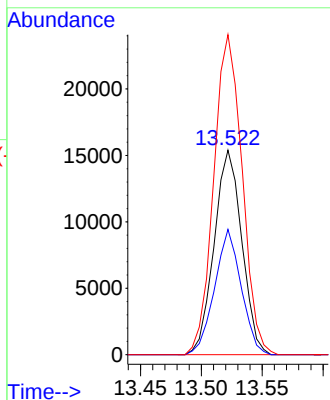
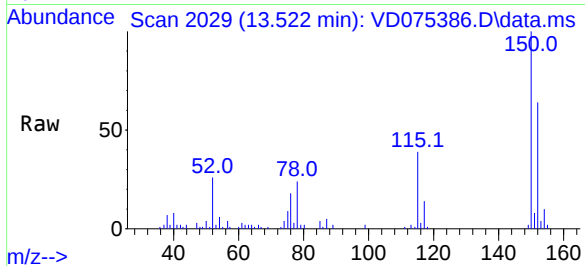




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

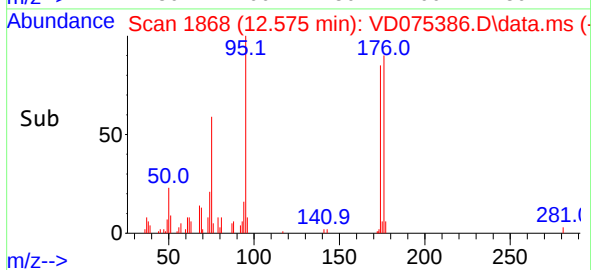
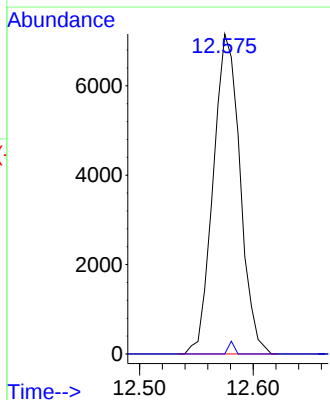
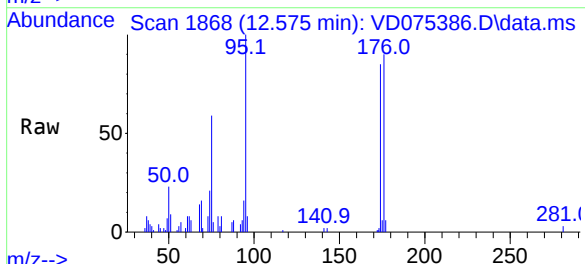
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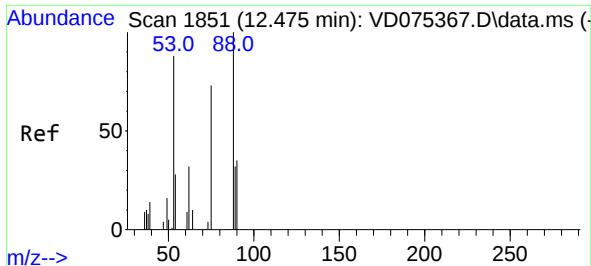
Tgt Ion:152 Resp: 24361
Ion Ratio Lower Upper
152 100
115 58.8 30.1 90.3
150 160.5 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 63.771 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

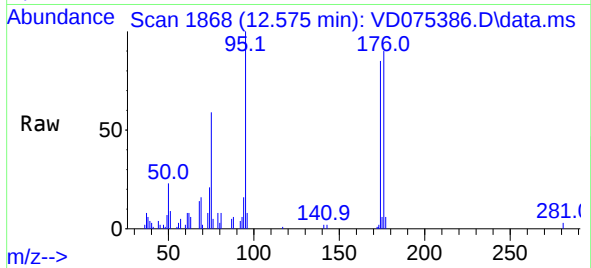
Tgt Ion: 75 Resp: 11735
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.996 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD075386.D
 Acq: 21 Feb 2023 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-923-925



Tgt Ion:	75	Resp:	11735
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

