

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075390.D
 Acq On : 21 Feb 2023 19:34
 Operator : KP/SY
 Sample : 01613-07RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-908-910RE

Quant Time: Feb 22 00:54:44 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	30711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	52330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	49002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21470	83.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.620%#
35) Dibromofluoromethane	7.810	113	20661	66.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.020%
50) Toluene-d8	10.269	98	61038	54.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.575	95	20419	54.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.480%

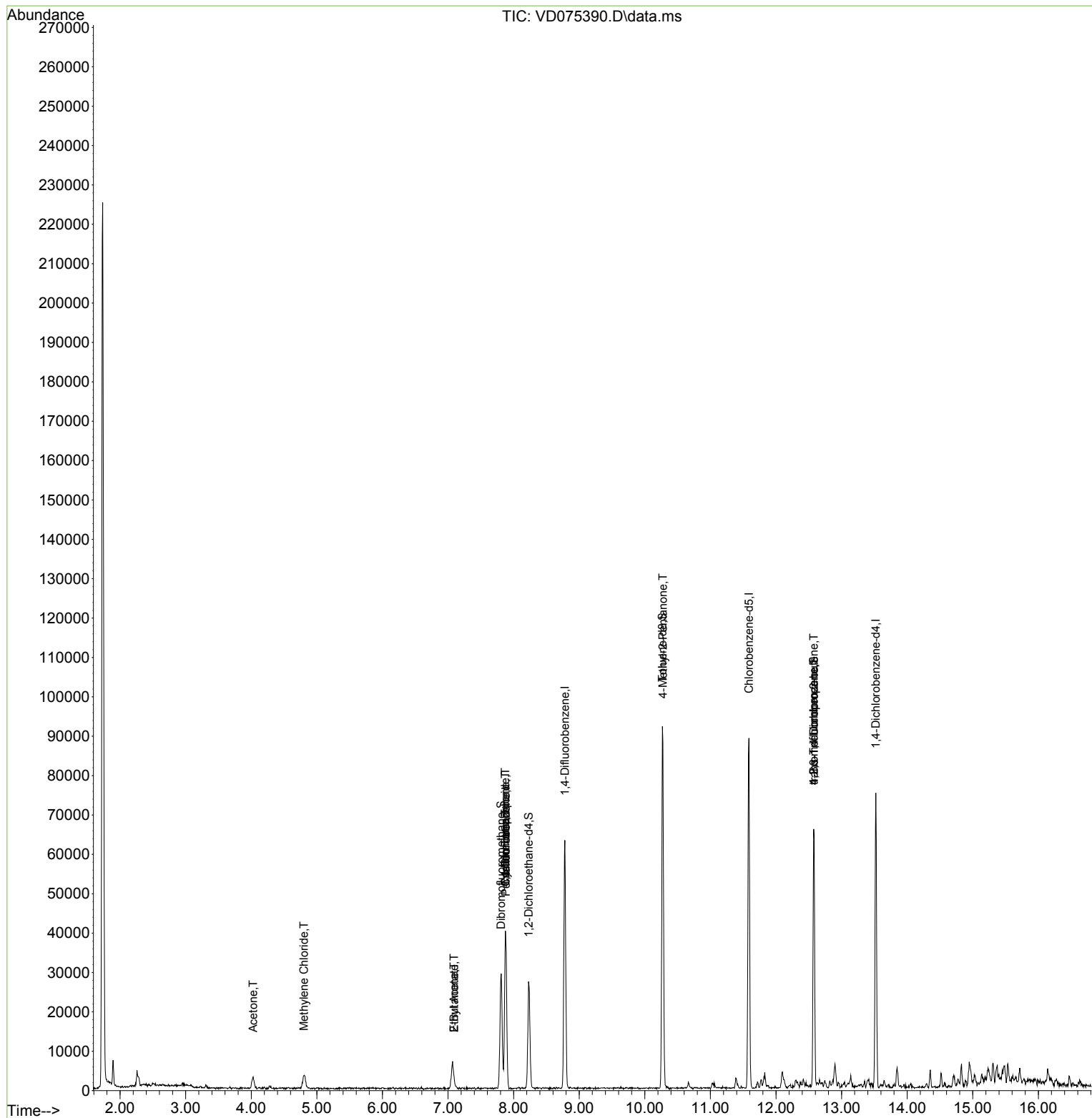
Target Compounds					Qvalue	
16) Acetone	4.028	43	4999	62.894	ug/l #	84
20) Methylene Chloride	4.805	84	2953	1.736	ug/l	92
25) 2-Butanone	7.093	43	349	3.521	ug/l #	50
31) Cyclohexane	7.875	56	791	1.269	ug/l #	53
36) 1,1-Dichloropropene	7.875	75	2577	4.628	ug/l #	42
37) Ethyl Acetate	7.093	43	349	1.602	ug/l #	80
38) Carbon Tetrachloride	7.875	117	3253	5.831	ug/l #	13
51) 4-Methyl-2-Pentanone	10.275	43	396	1.910	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	11351	75.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	11351	178.641	ug/l #	5

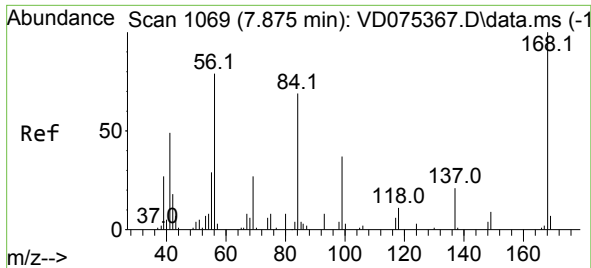
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

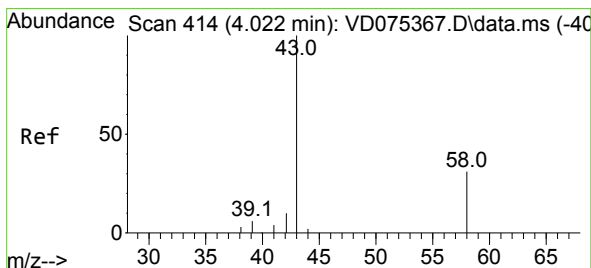
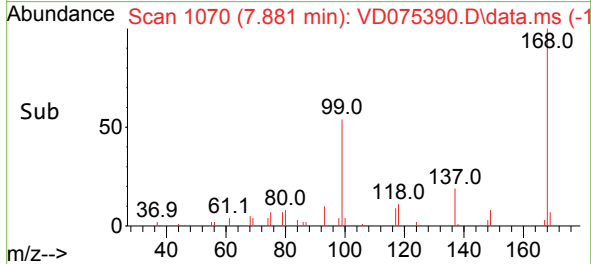
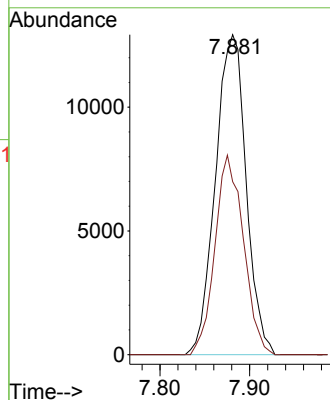
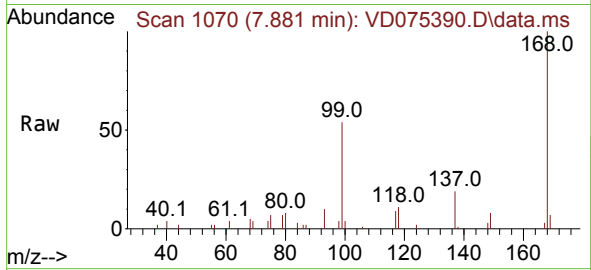




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

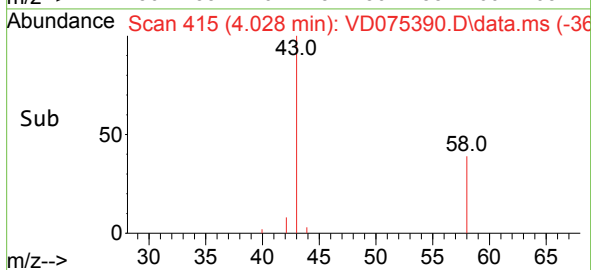
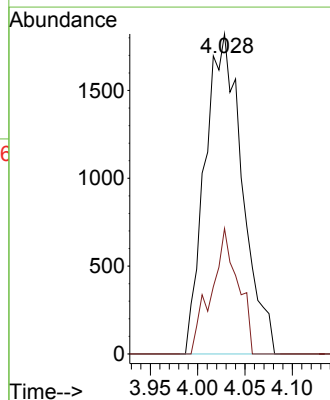
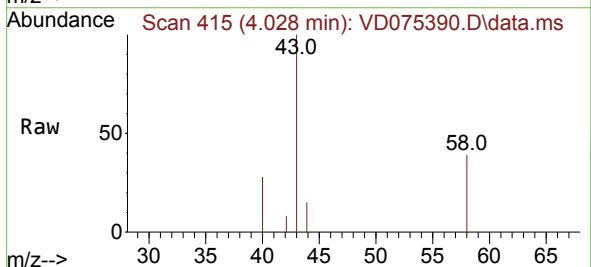
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

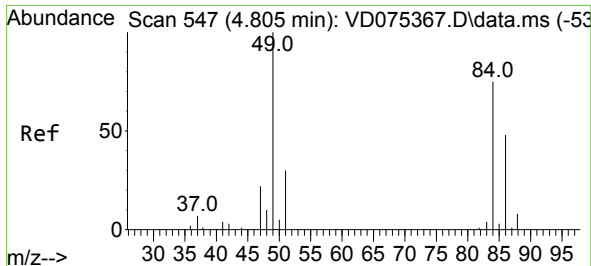
Tgt Ion:168 Resp: 30711
Ion Ratio Lower Upper
168 100
99 54.1 43.8 65.6



#16
Acetone
Concen: 62.894 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 43 Resp: 4999
Ion Ratio Lower Upper
43 100
58 39.2 24.4 36.6#

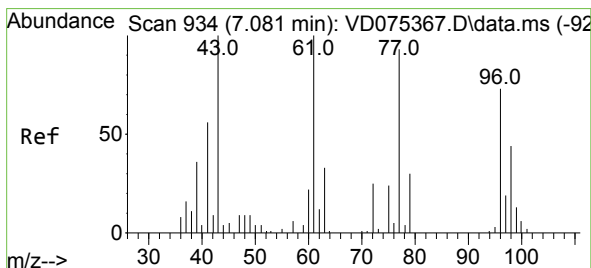
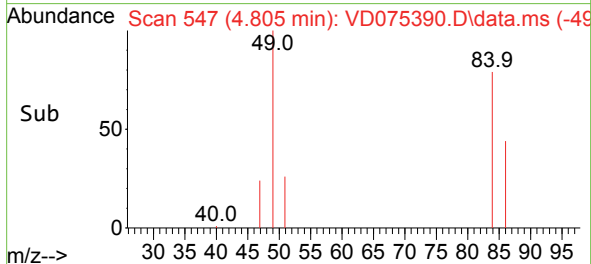
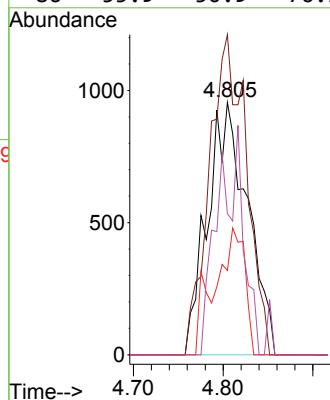
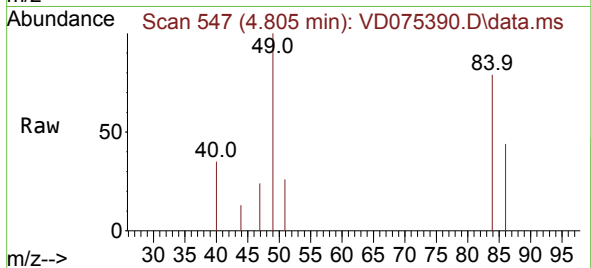




#20
Methylene Chloride
Concen: 1.736 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

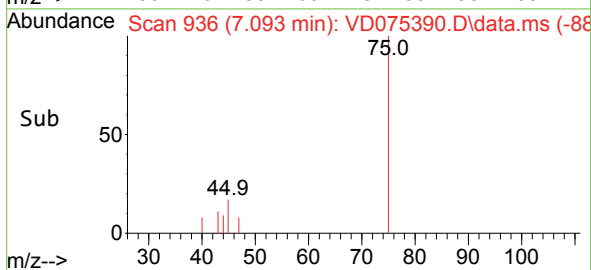
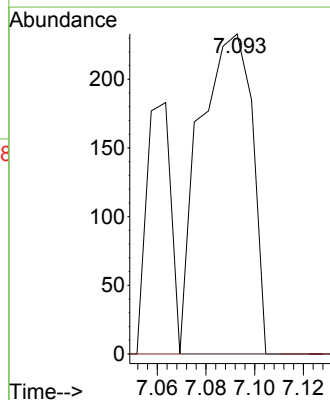
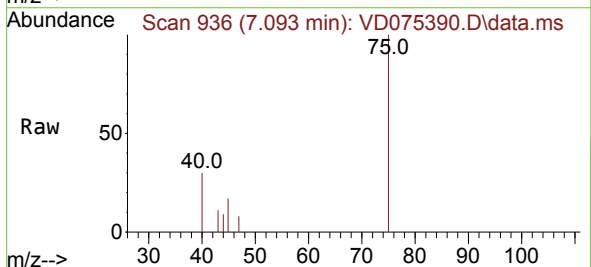
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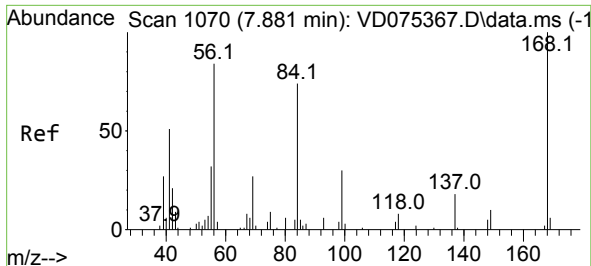
Tgt Ion:	84	Resp:	2953
Ion	Ratio	Lower	Upper
84	100		
49	126.8	106.4	159.6
51	33.4	32.4	48.6
86	55.9	50.9	76.3



#25
2-Butanone
Concen: 3.521 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion:	43	Resp:	349
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#

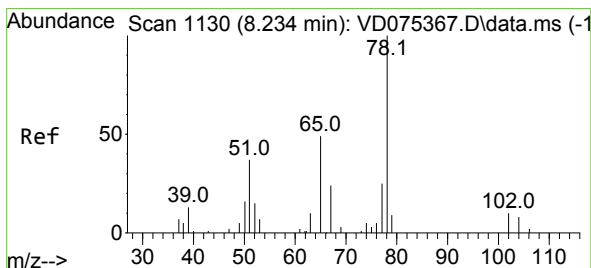
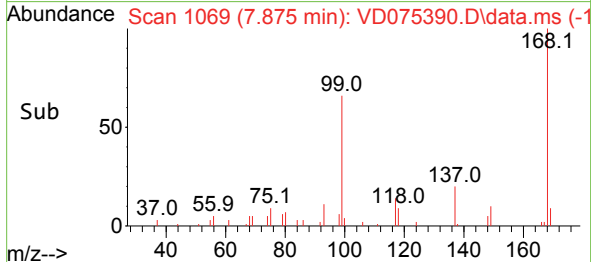
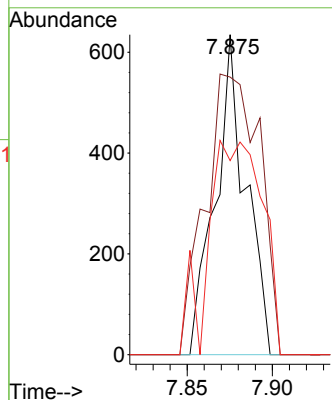
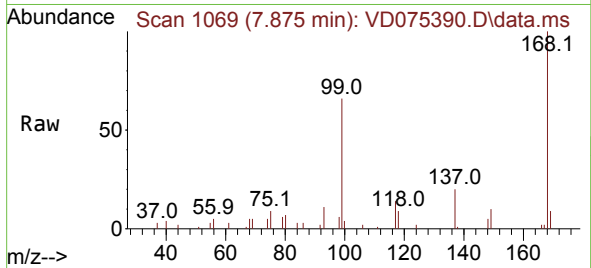




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

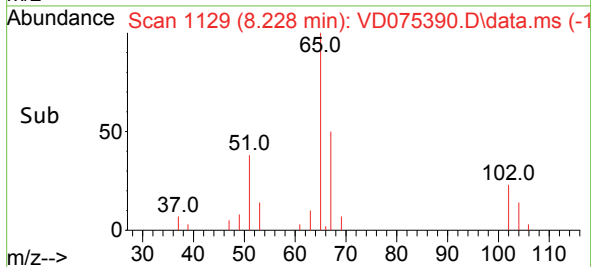
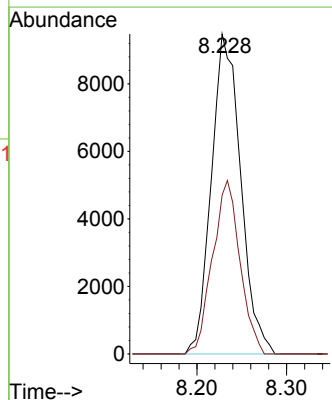
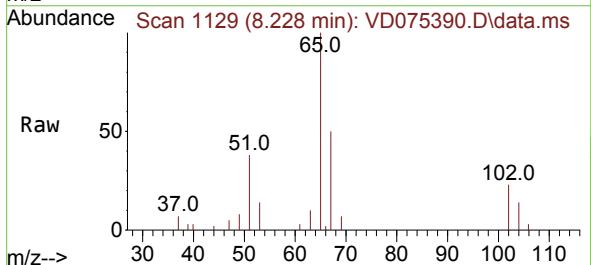
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

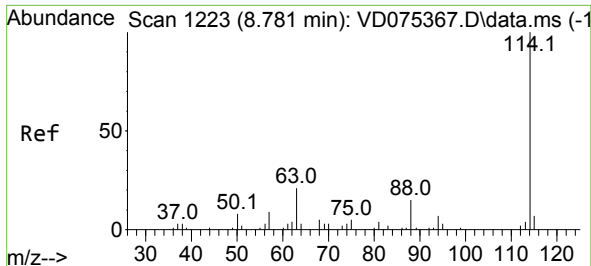
Tgt Ion: 56 Resp: 791
Ion Ratio Lower Upper
56 100
69 86.8 25.5 38.3#
84 60.6 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 83.308 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 65 Resp: 21470
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075390.D

Acq: 21 Feb 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW10-GW-908-910RE

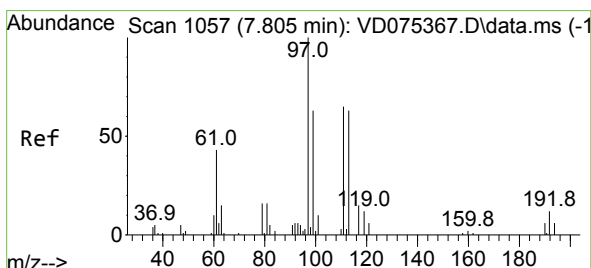
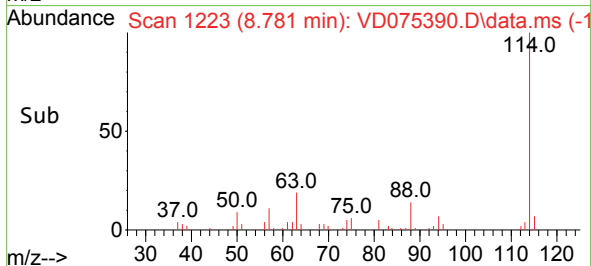
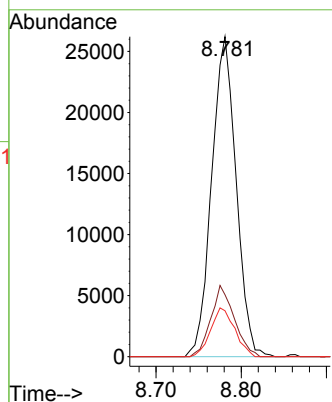
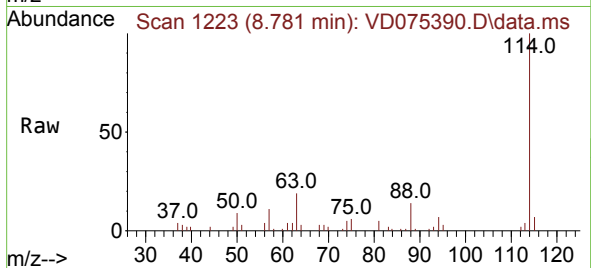
Tgt Ion:114 Resp: 52330

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 66.508 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075390.D

Acq: 21 Feb 2023 19:34

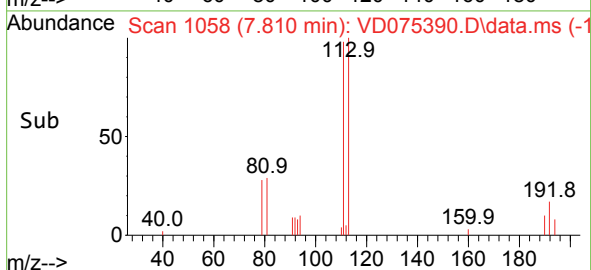
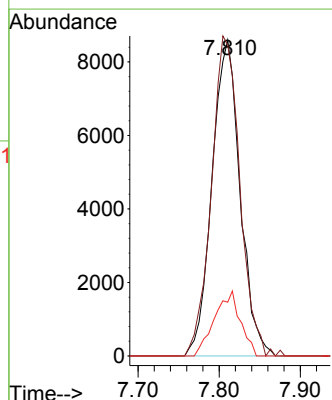
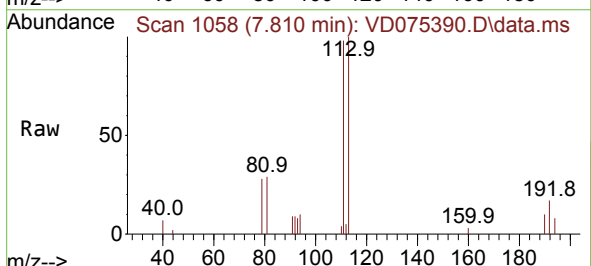
Tgt Ion:113 Resp: 20661

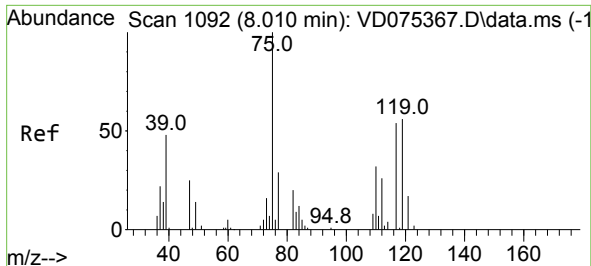
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 18.9 15.2 22.8

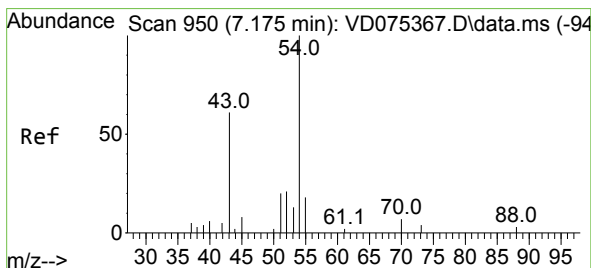
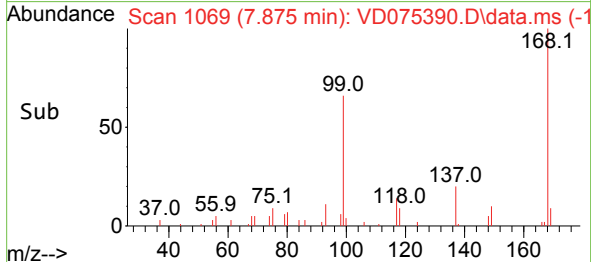
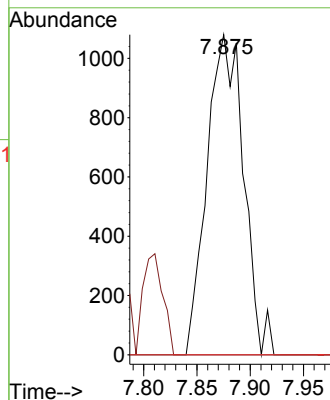
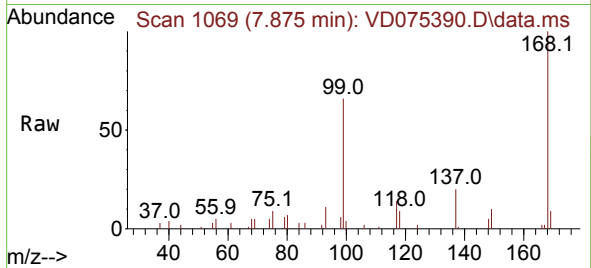




#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 7.875 min Scan# 1092
Delta R.T. -0.135 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

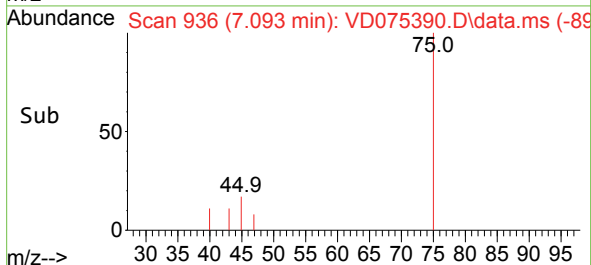
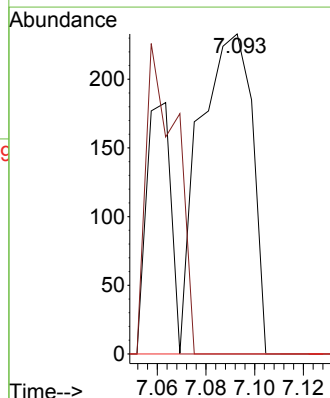
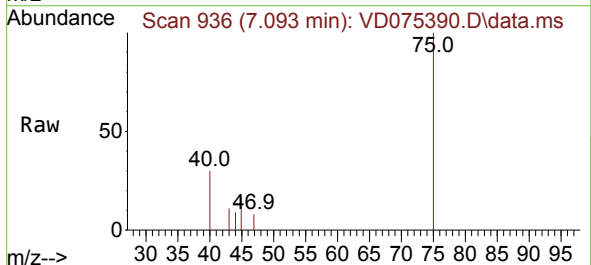
Instrument :
MSVOA_D
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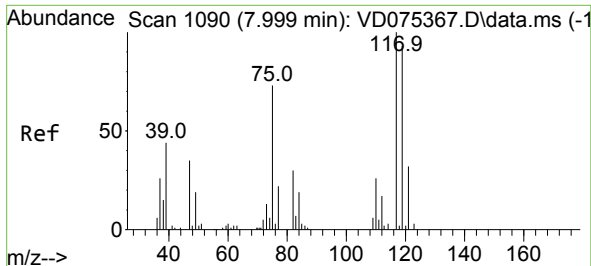
Tgt Ion: 75 Resp: 2577
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.602 ug/l
RT: 7.093 min Scan# 936
Delta R.T. -0.082 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

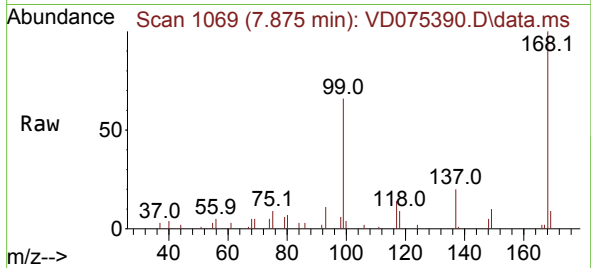
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 0.0 5.6 8.4#



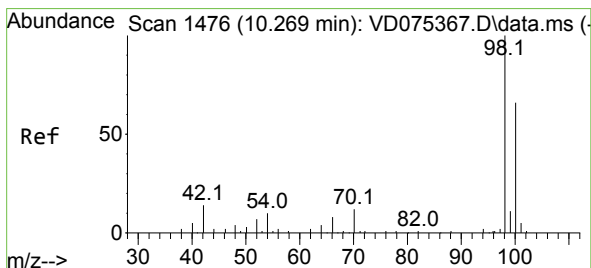
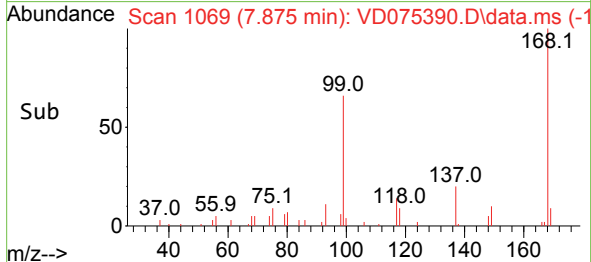
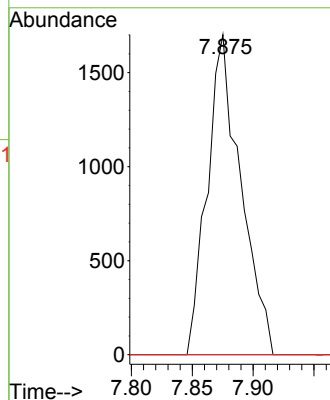


#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW10-GW-908-910RE

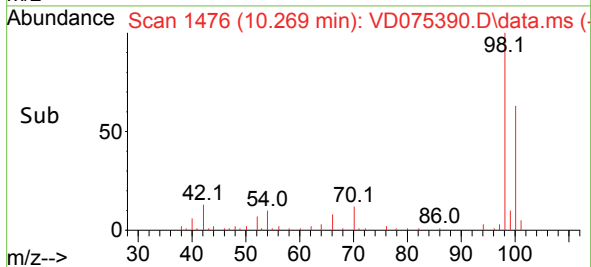
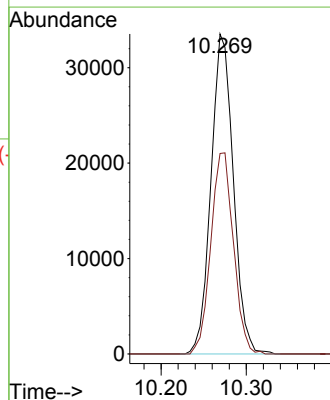
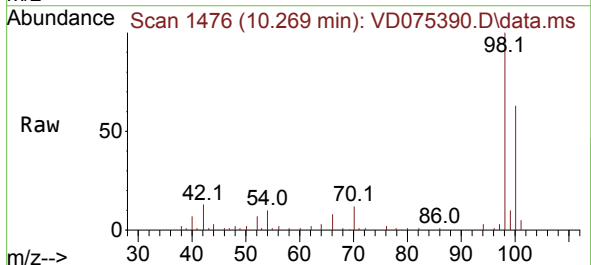


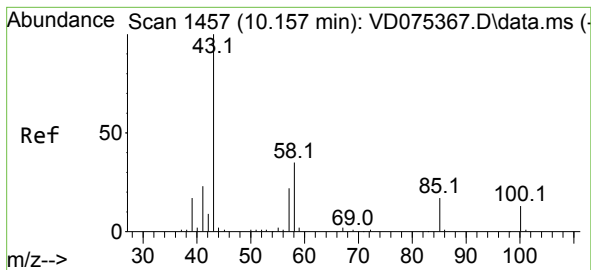
Tgt Ion:117 Resp: 3253
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 54.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 98 Resp: 61038
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

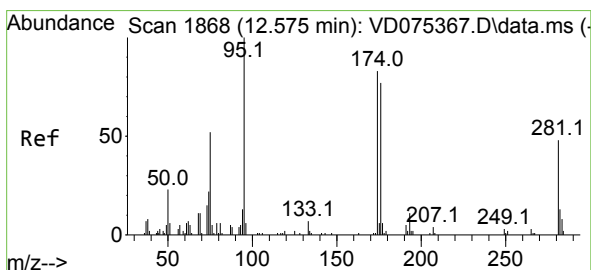
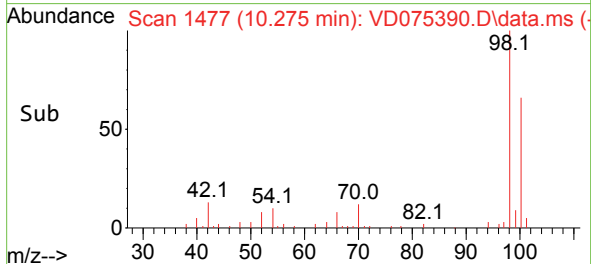
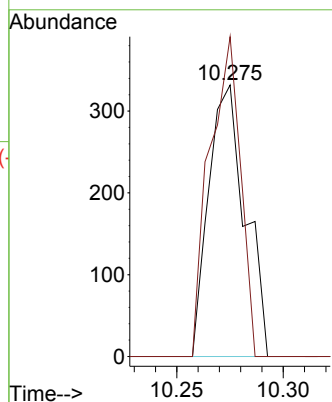
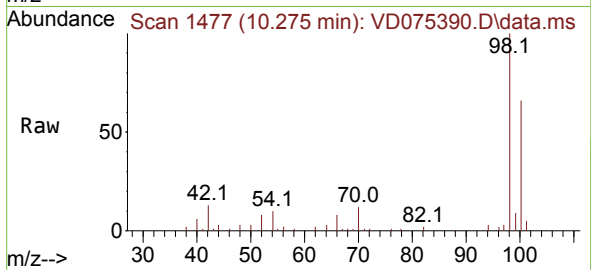




#51
4-Methyl-2-Pentanone
Concen: 1.910 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

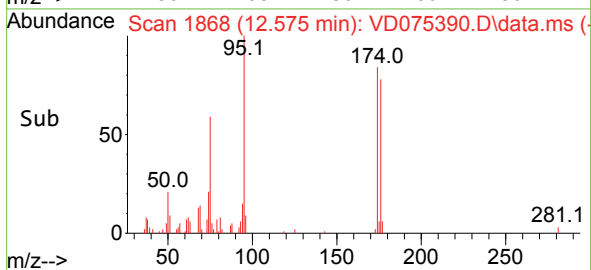
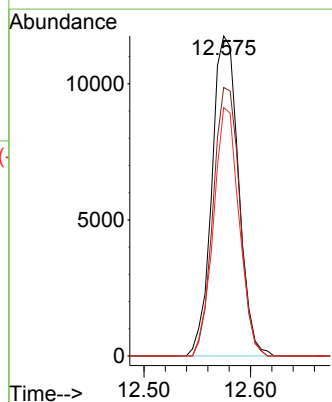
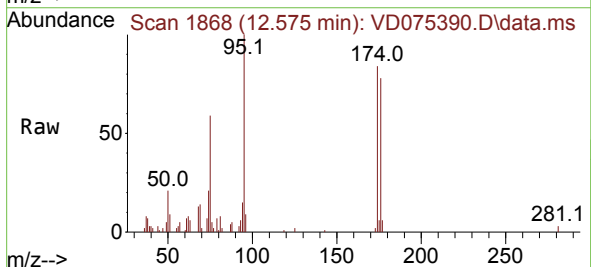
Instrument :
MSVOA_D
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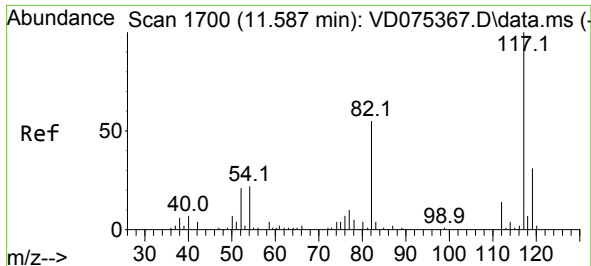
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
58 99.2 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 54.240 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 95 Resp: 20419
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 74.7 0.0 156.8

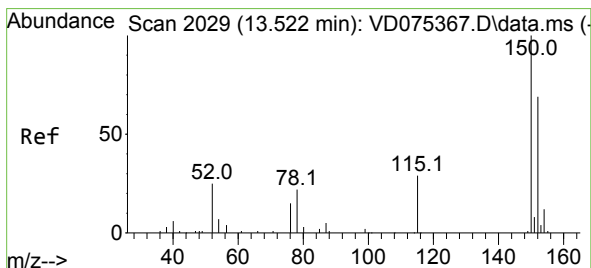
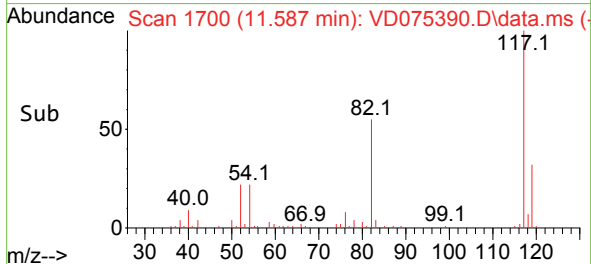
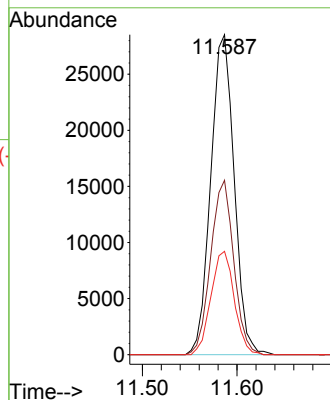
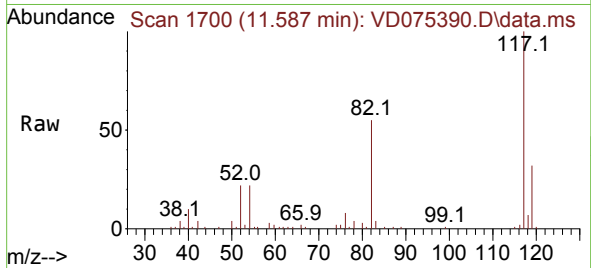




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

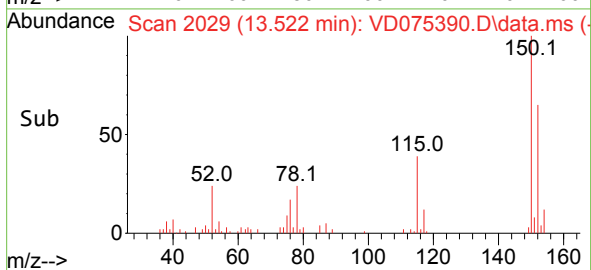
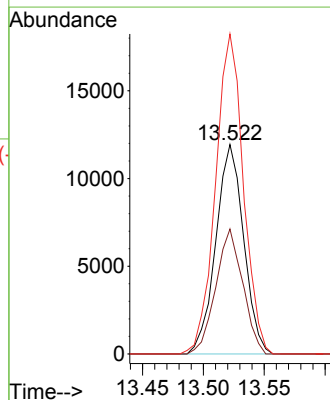
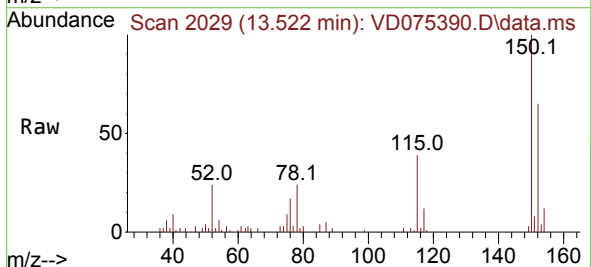
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

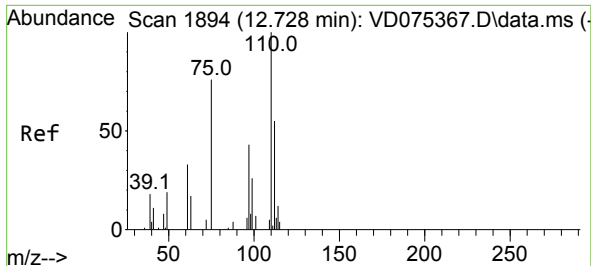
Tgt Ion:117 Resp: 49002
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion:152 Resp: 18982
Ion Ratio Lower Upper
152 100
115 57.9 30.1 90.3
150 152.9 0.0 364.8

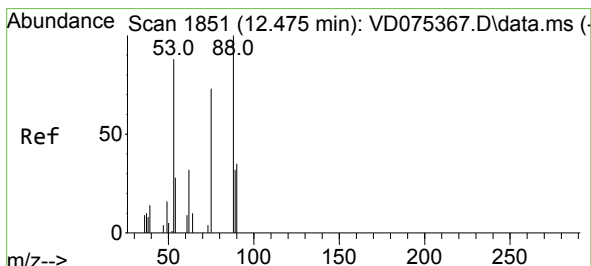
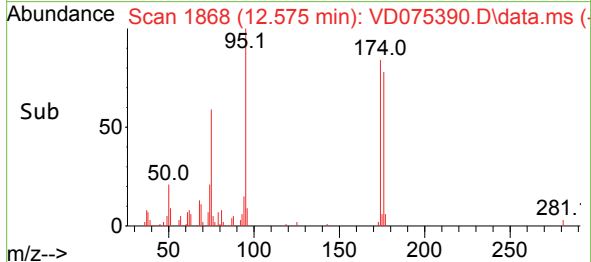
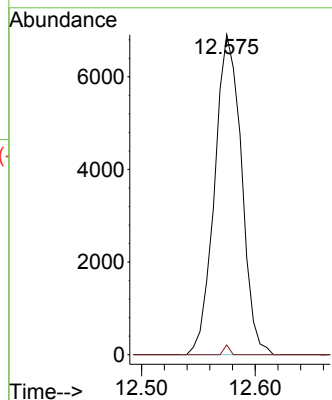
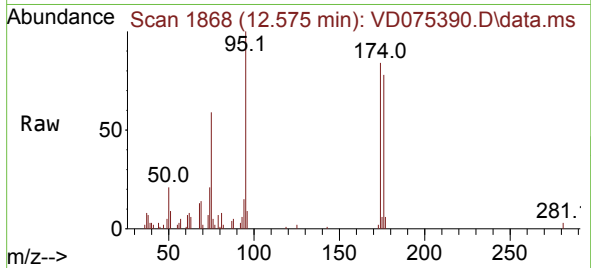




#76
1,2,3-Trichloropropane
Concen: 75.926 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-908-910RE

Tgt Ion: 75 Resp: 11351
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 178.641 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075390.D
Acq: 21 Feb 2023 19:34

Tgt Ion: 75 Resp: 11351
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

