

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074320.D
 Acq On : 15 Sep 2022 20:47
 Operator : VA/SY
 Sample : N4582-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7RE

Quant Time: Sep 16 05:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

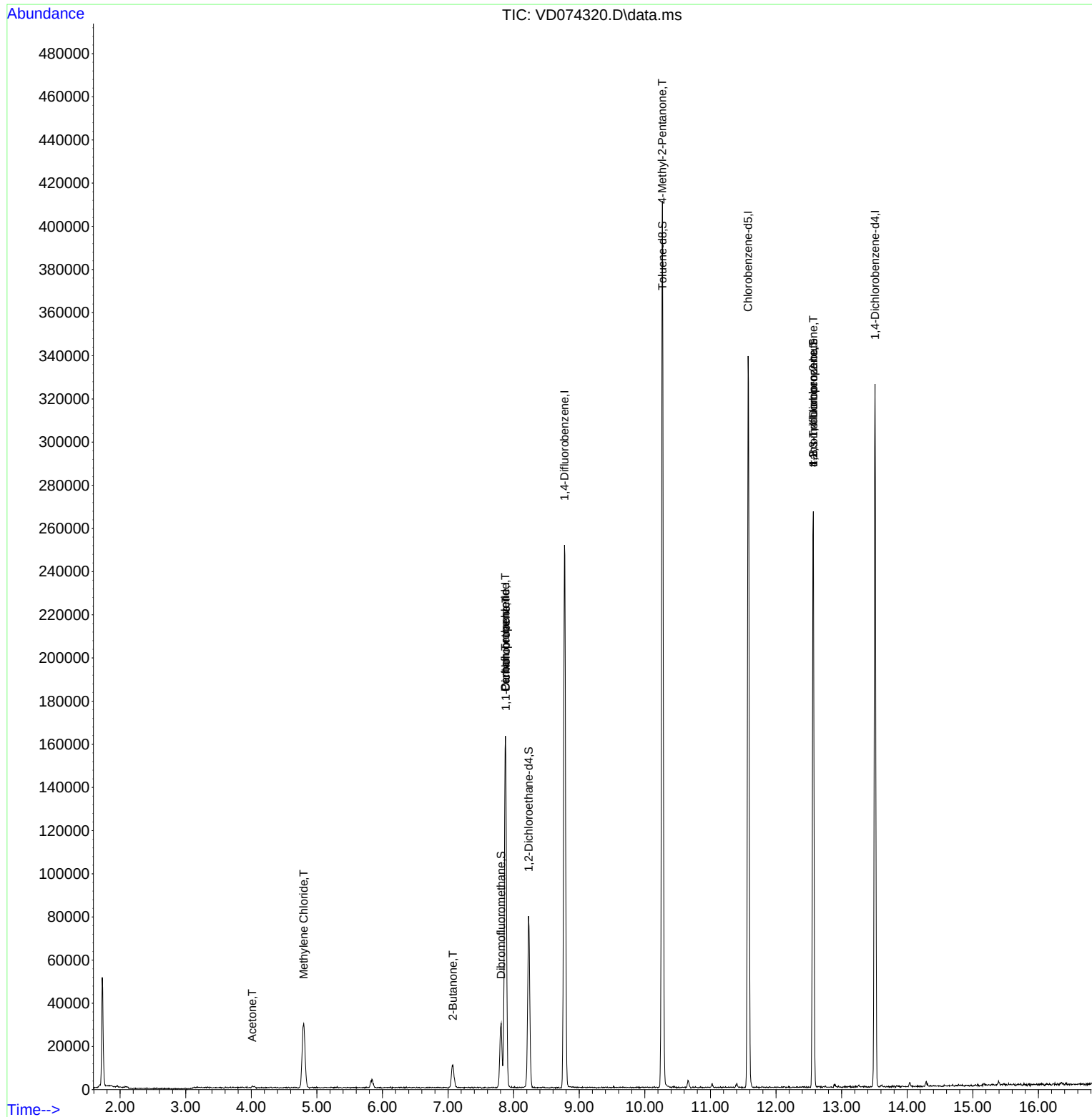
Internal Standards						
1) Pentafluorobenzene	7.875	168	128872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	198642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	87668	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60487	46.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.810	113	22297	12.166	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	24.340%#
50) Toluene-d8	10.269	98	286581	51.442	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.569	95	81074	40.331	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.660%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	1330	4.904	ug/l #	80
20) Methylene Chloride	4.798	84	23875	9.542	ug/l	96
25) 2-Butanone	7.075	43	789	1.744	ug/l #	48
36) 1,1-Dichloropropene	7.881	75	10068	4.093	ug/l #	51
38) Carbon Tetrachloride	7.875	117	13035	5.857	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1078	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	40264	44.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40264	110.460	ug/l #	100

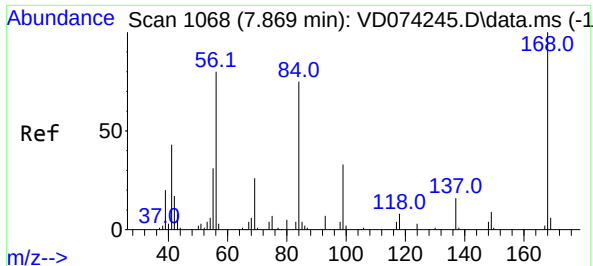
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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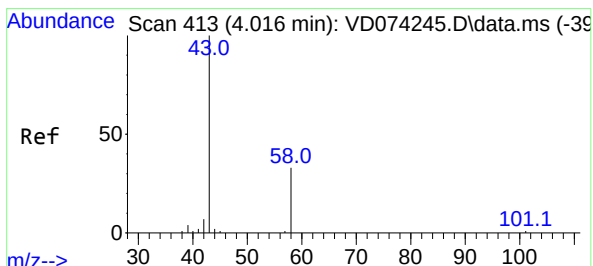
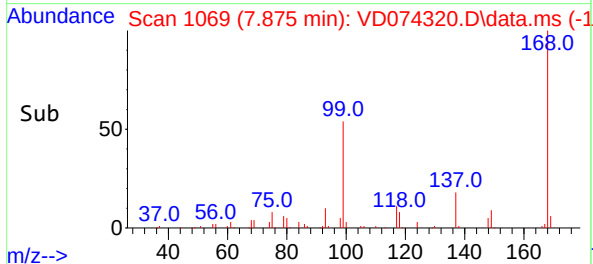
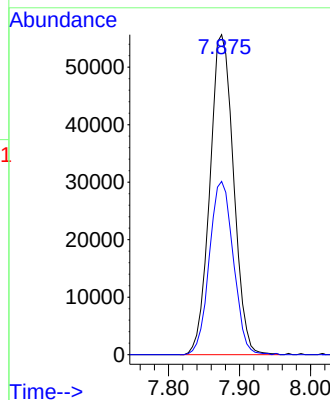
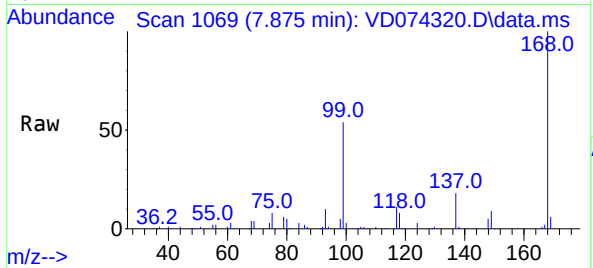




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

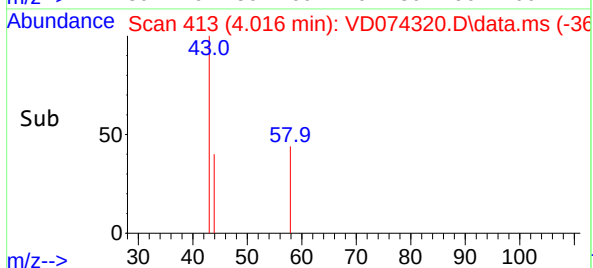
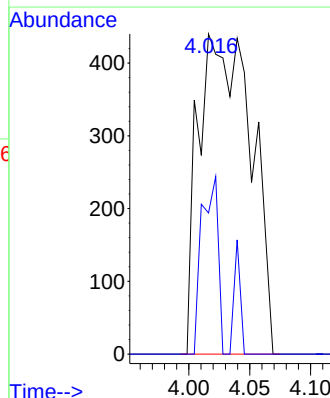
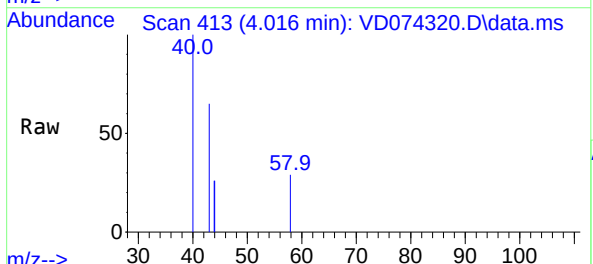
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-7RE

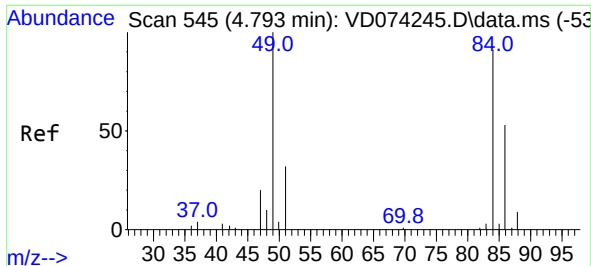
Tgt Ion:168 Resp: 128872
Ion Ratio Lower Upper
168 100
99 54.2 43.0 64.6



#16
Acetone
Concen: 4.904 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 44.1 26.4 39.6#



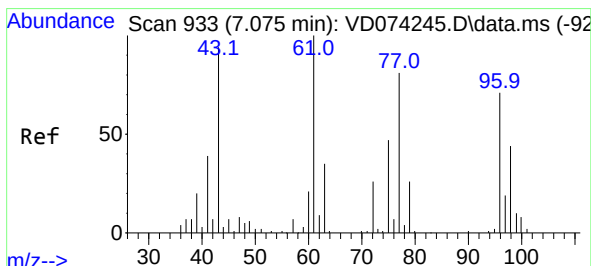
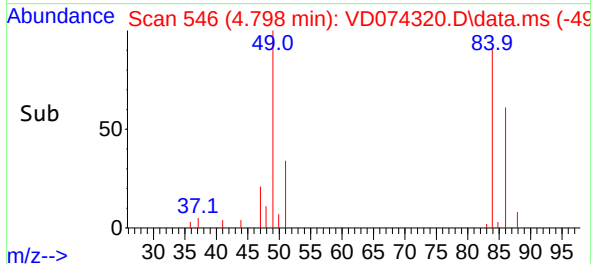
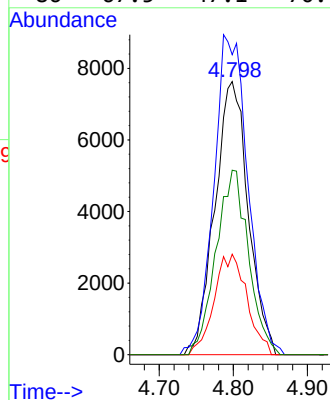
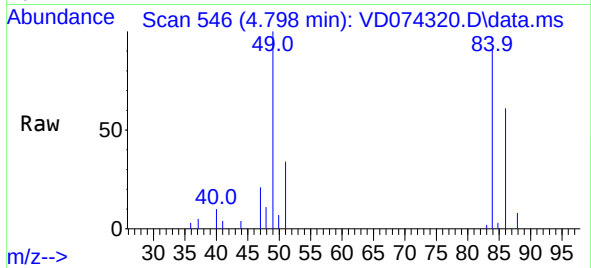


#20
Methylene Chloride
Concen: 9.542 ug/l
RT: 4.798 min Scan# 545
Delta R.T. 0.005 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-7RE

Tgt Ion: 84 Resp: 23875

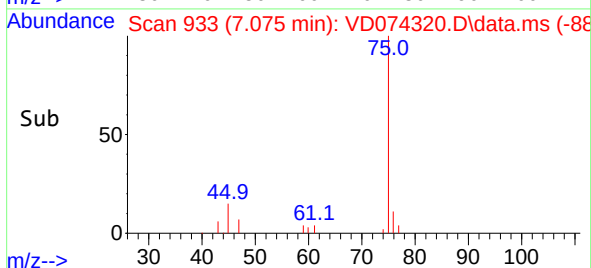
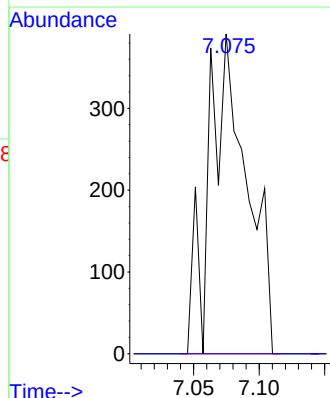
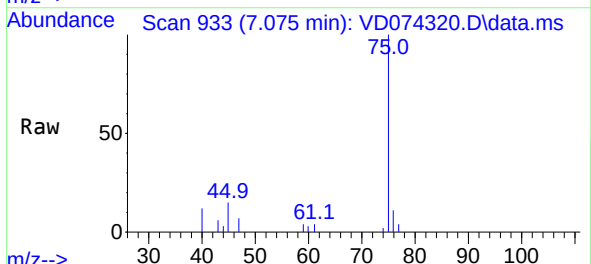
Ion	Ratio	Lower	Upper
84	100		
49	109.9	88.4	132.6
51	36.8	28.0	42.0
86	67.5	47.1	70.7

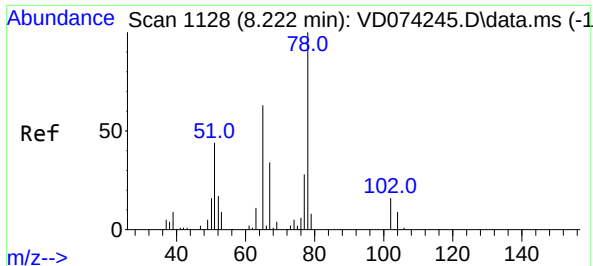


#25
2-Butanone
Concen: 1.744 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Tgt Ion: 43 Resp: 789

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#33

1,2-Dichloroethane-d4

Concen: 46.037 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074320.D

Acq: 15 Sep 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

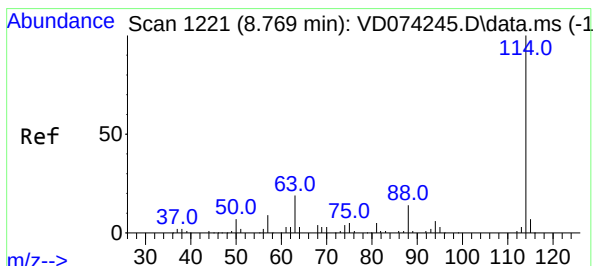
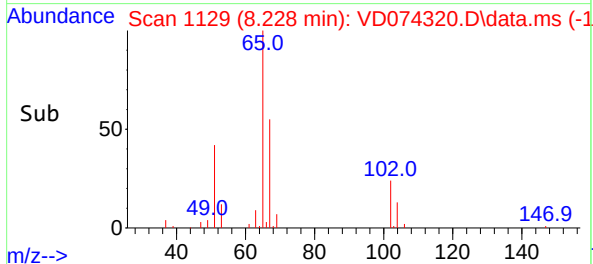
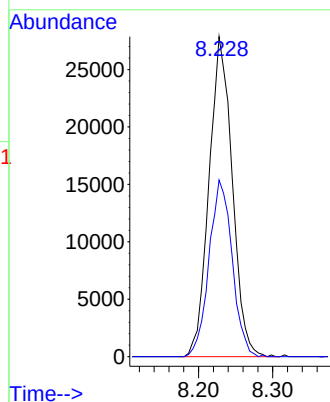
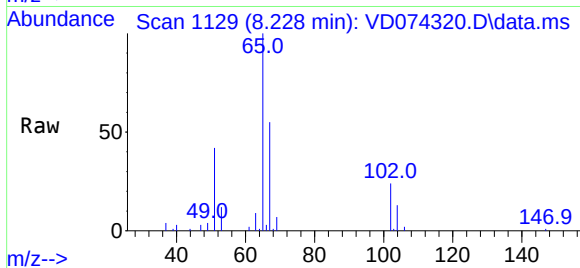
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Tgt Ion: 65 Resp: 60487

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074320.D

Acq: 15 Sep 2022 20:47

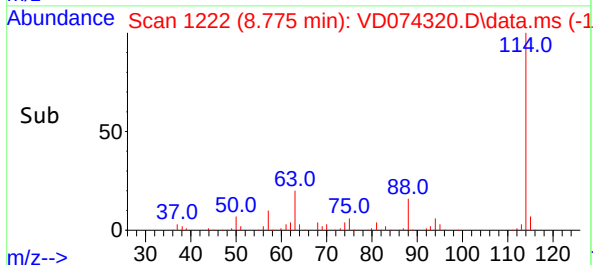
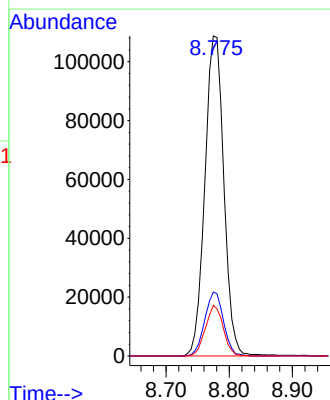
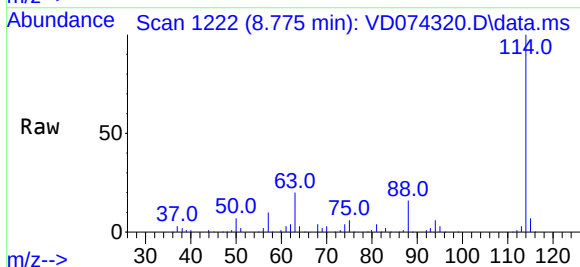
Tgt Ion: 114 Resp: 227263

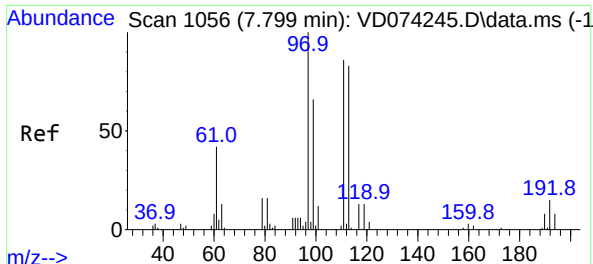
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 15.8 0.0 28.4

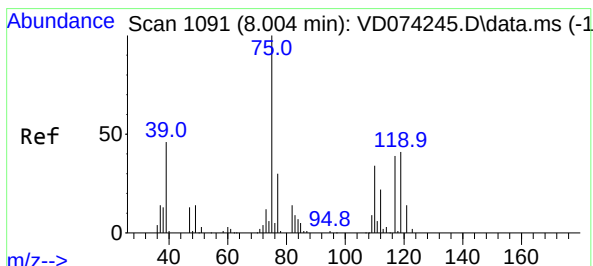
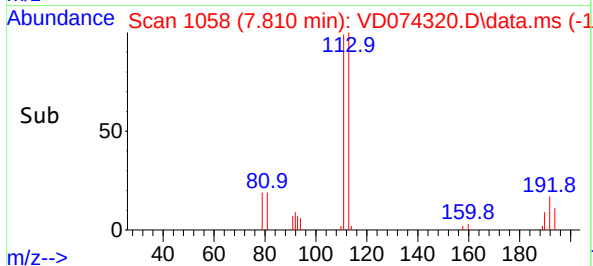
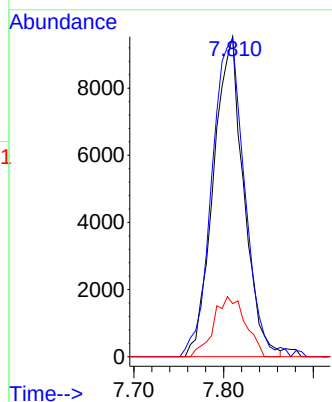
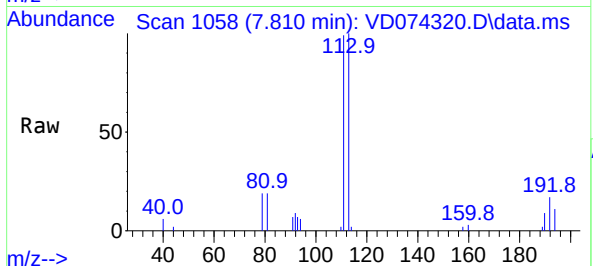




#35
Dibromofluoromethane
Concen: 12.166 ug/l
RT: 7.810 min Scan# 1070
Delta R.T. 0.011 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

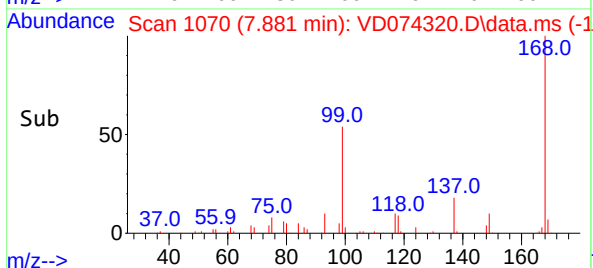
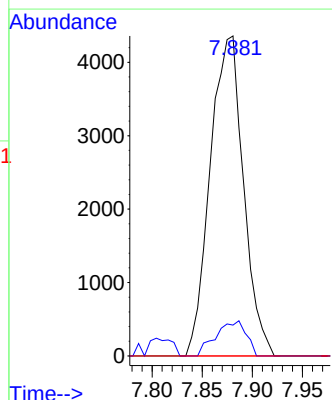
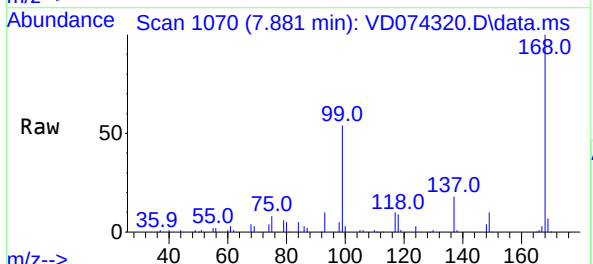
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-7RE

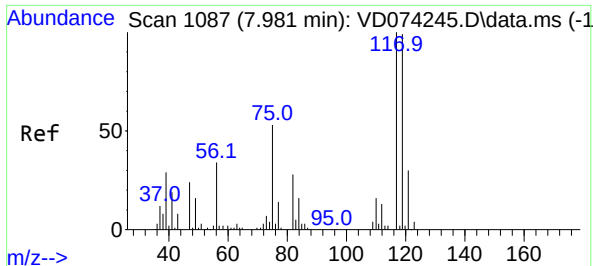
Tgt Ion:113 Resp: 22297
Ion Ratio Lower Upper
113 100
111 107.7 83.0 124.6
192 19.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.093 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

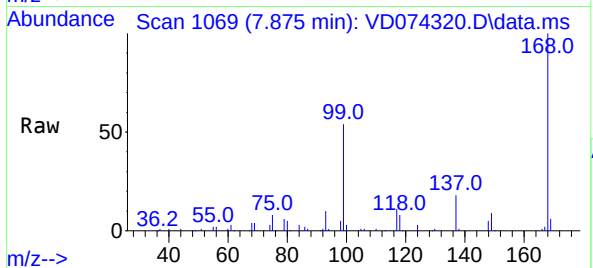
Tgt Ion: 75 Resp: 10068
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.8 37.2#



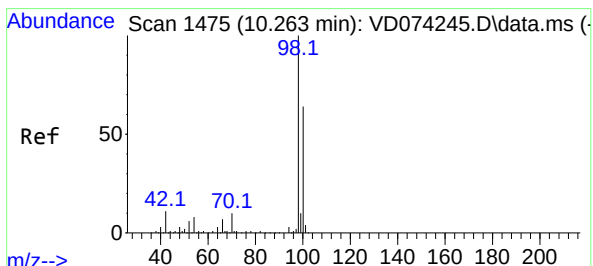
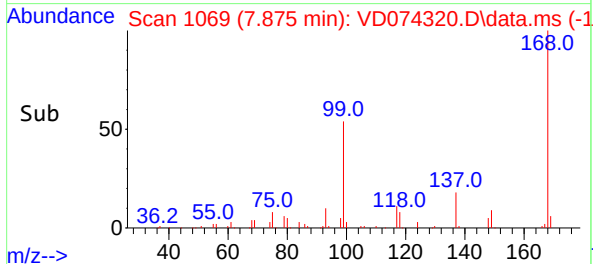
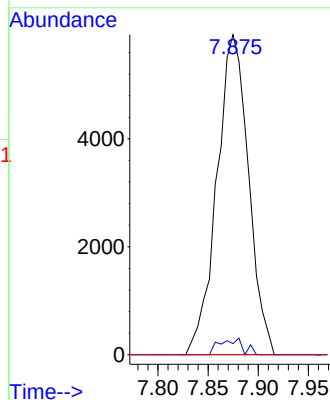


#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-7RE

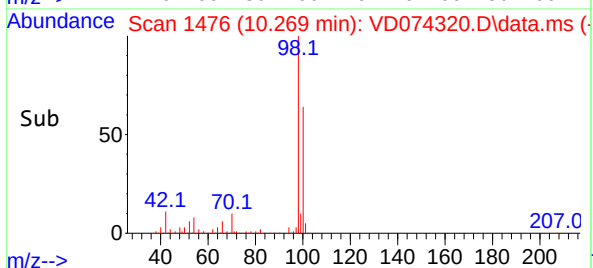
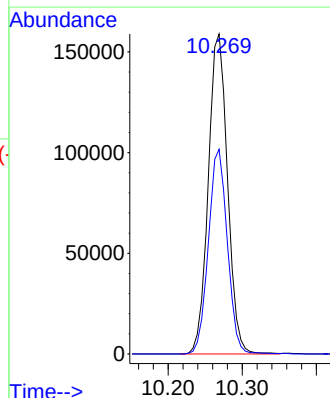
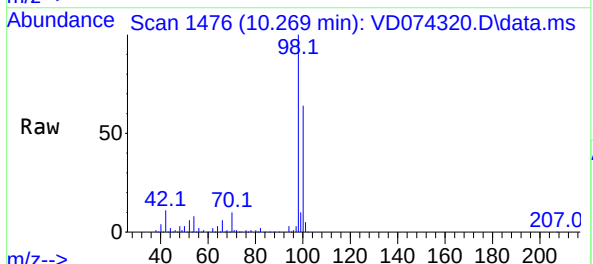


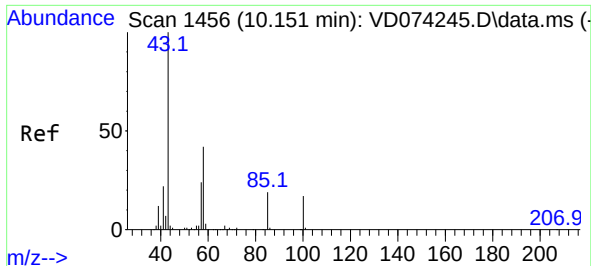
Tgt Ion:117 Resp: 13035
Ion Ratio Lower Upper
117 100
119 3.5 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.442 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Tgt Ion: 98 Resp: 286581
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 1.035 ug/l

RT: 10.263 min Scan# 1456

Delta R.T. 0.111 min

Lab File: VD074320.D

Acq: 15 Sep 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

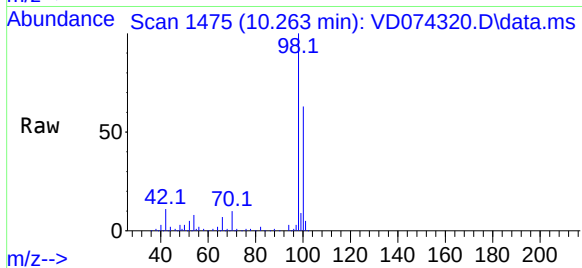
CRUSHED-MASONRY-PILE-7RE

Tgt Ion: 43 Resp: 1078

Ion Ratio Lower Upper

43 100

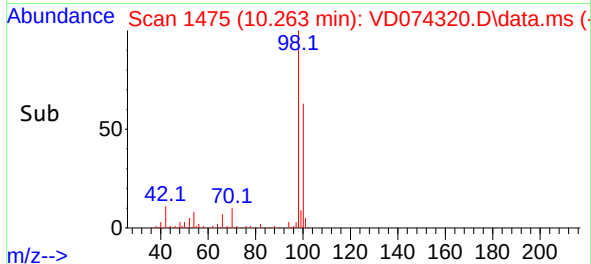
58 199.6 33.3 49.9#



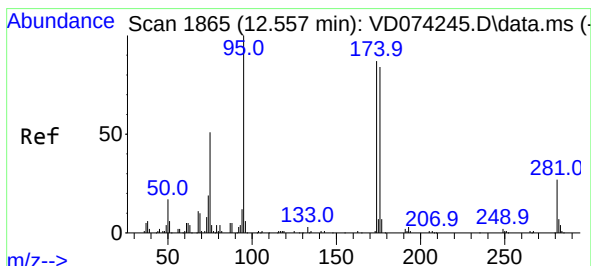
Abundance

1000

10.263



Time-->



#62

4-Bromofluorobenzene

Concen: 40.331 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.012 min

Lab File: VD074320.D

Acq: 15 Sep 2022 20:47

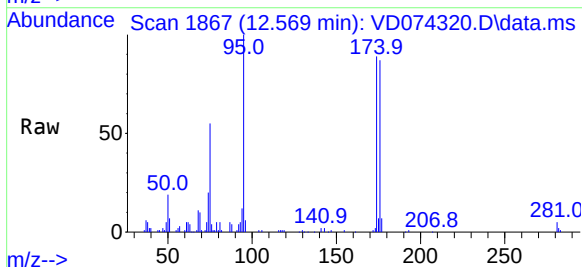
Tgt Ion: 95 Resp: 81074

Ion Ratio Lower Upper

95 100

174 87.5 0.0 179.2

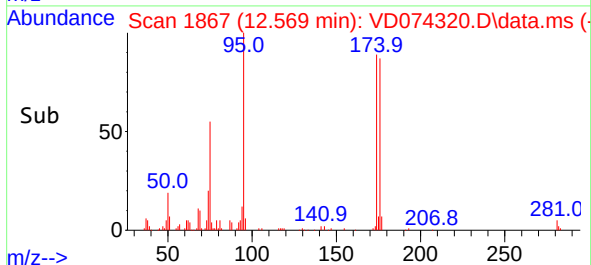
176 85.0 0.0 171.4



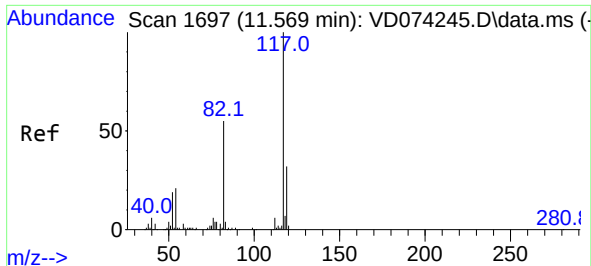
Abundance

40000

12.569



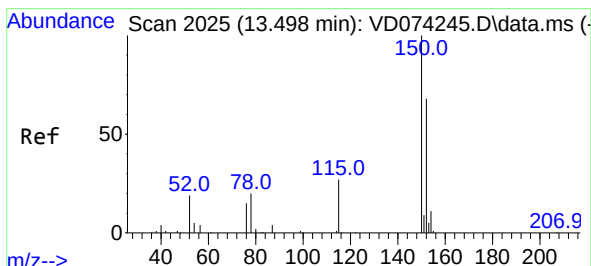
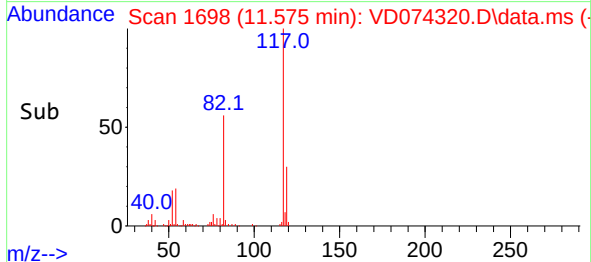
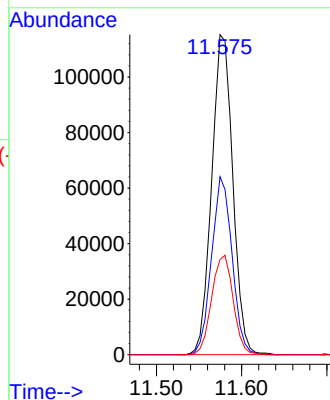
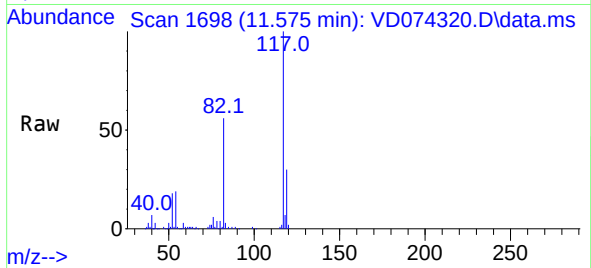
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

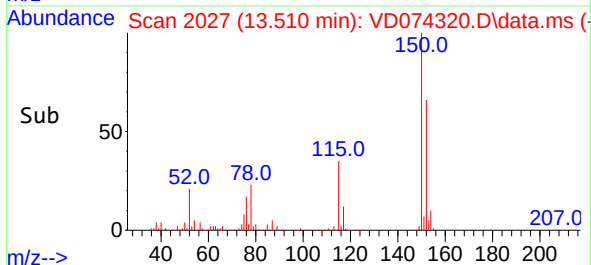
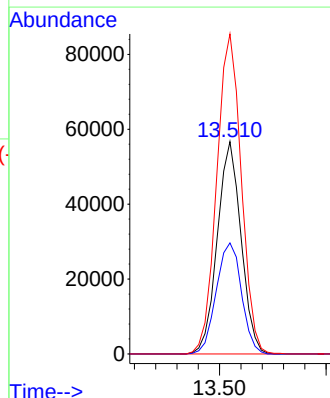
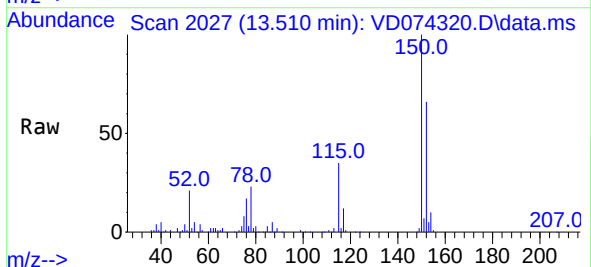
Instrument :
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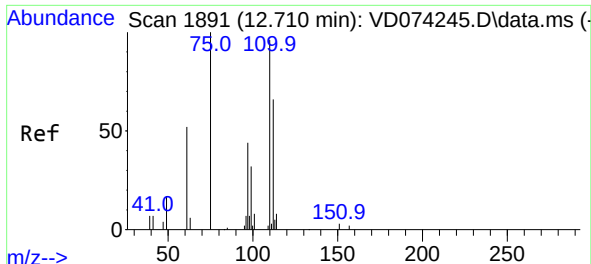
Tgt Ion:117 Resp: 198642
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 29.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.011 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Tgt Ion:152 Resp: 87668
Ion Ratio Lower Upper
152 100
115 55.6 28.4 85.2
150 155.6 0.0 351.0

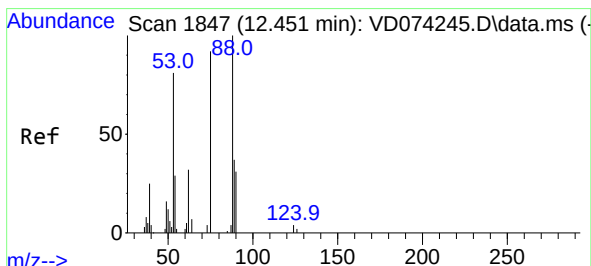
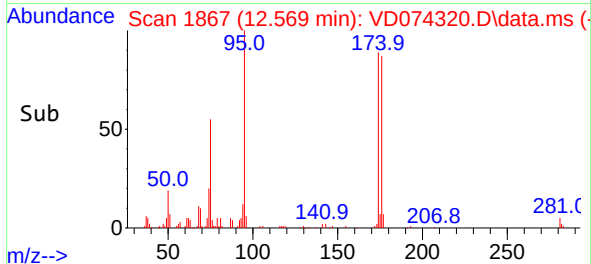
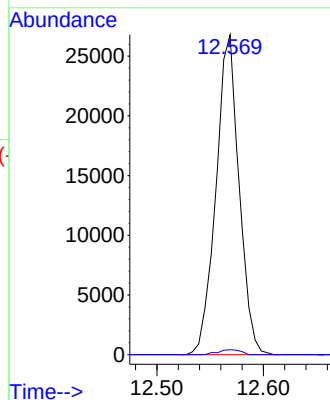
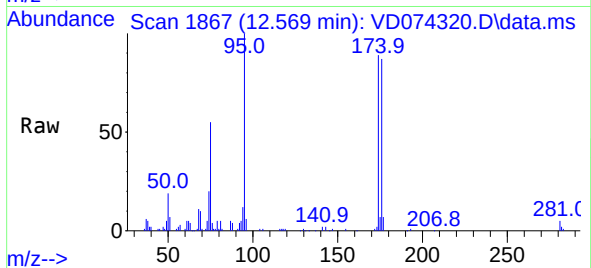




#76
1,2,3-Trichloropropane
Concen: 44.801 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.141 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Instrument : MSVOA_Y
ClientSampleId : CRUSHED-MASONRY-PILE-7RE

Tgt Ion: 75 Resp: 40264
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.460 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.117 min
Lab File: VD074320.D
Acq: 15 Sep 2022 20:47

Tgt Ion: 75 Resp: 40264
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

