

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074268.D
 Acq On : 13 Sep 2022 16:17
 Operator : VA/SY
 Sample : N4581-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRUSHED-MASONRY-PILE-6

Quant Time: Sep 14 01:56:17 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)

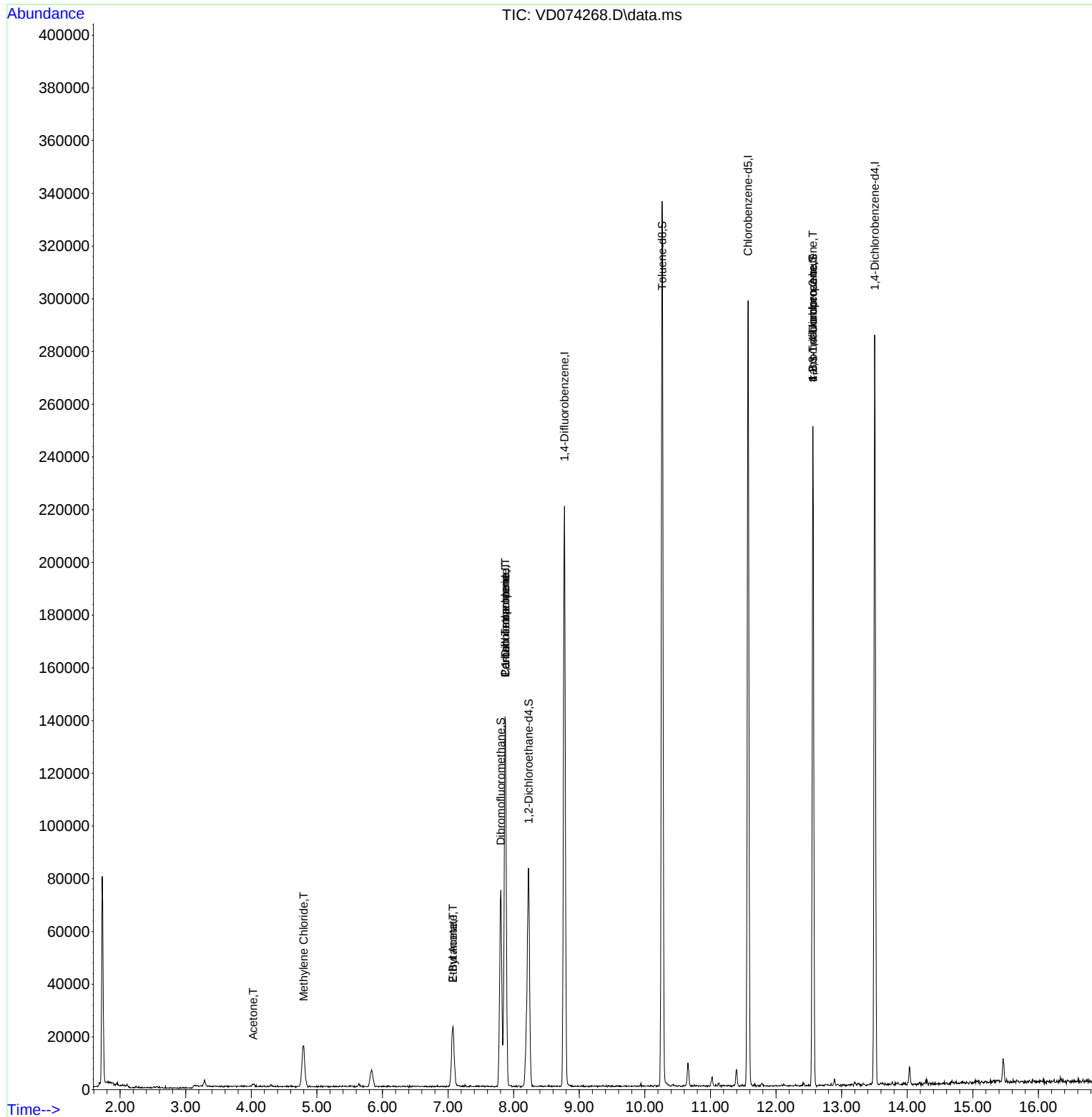
Internal Standards						
1) Pentafluorobenzene	7.875	168	110993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	172544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	76912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59983	53.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.804	113	54066	40.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.560%	
50) Toluene-d8	10.263	98	240209	50.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.563	95	74550	43.739	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1921	8.224	ug/l	94
20) Methylene Chloride	4.798	84	12721	3.267	ug/l	98
25) 2-Butanone	7.075	43	1631	4.187	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	8807	4.168	ug/l #	46
37) Ethyl Acetate	7.075	43	1631	1.780	ug/l #	67
38) Carbon Tetrachloride	7.875	117	10918	5.711	ug/l #	14
76) 1,2,3-Trichloropropane	12.563	75	38859	49.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	38859	121.514	ug/l #	100

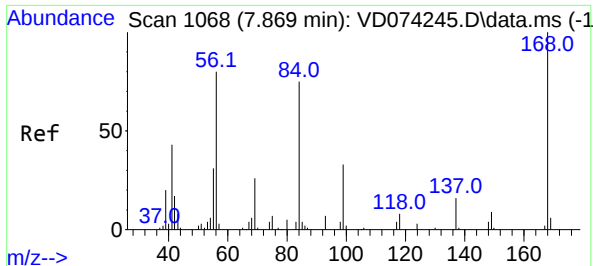
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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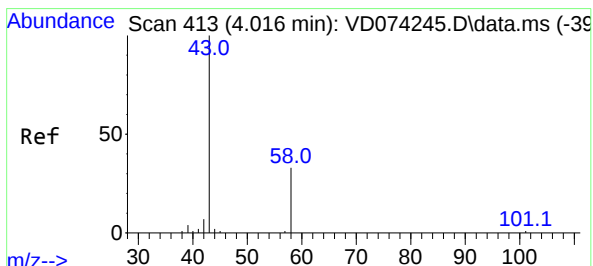
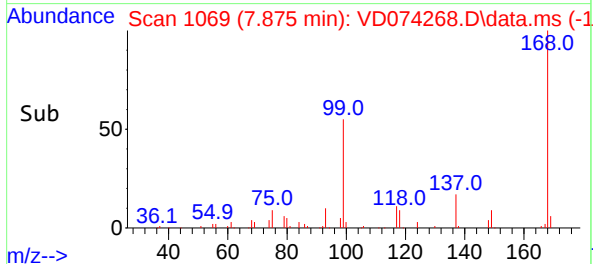
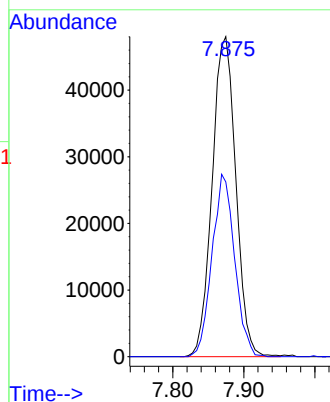
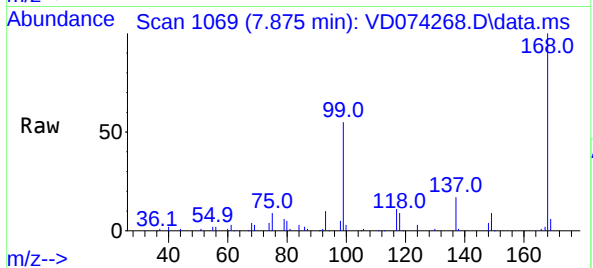




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

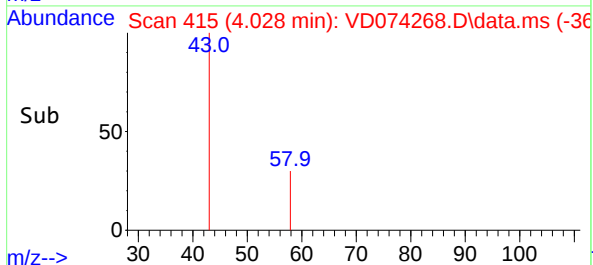
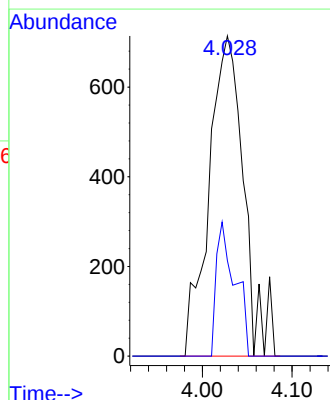
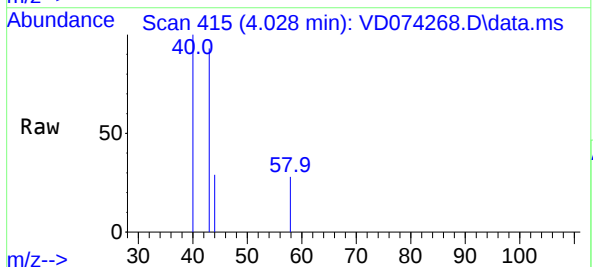
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-6

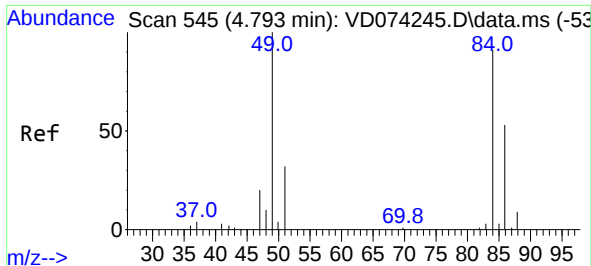
Tgt Ion:168 Resp: 110993
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#16
Acetone
Concen: 8.224 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
58 29.8 26.4 39.6



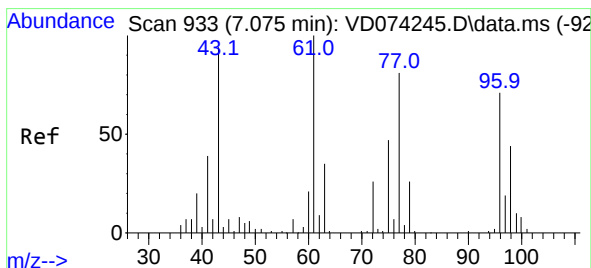
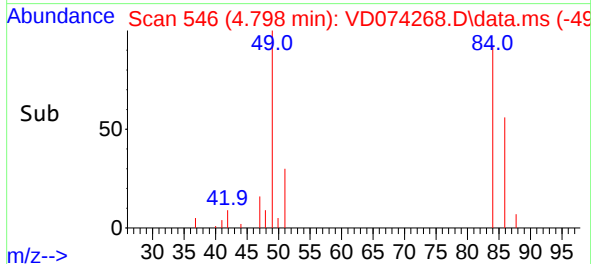
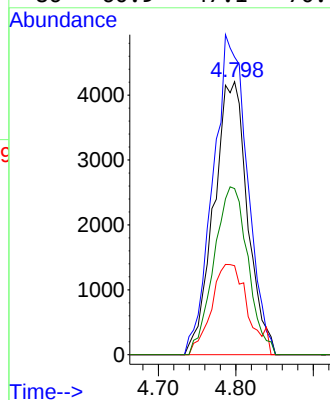
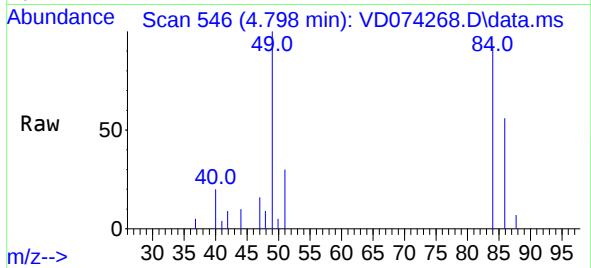


#20
Methylene Chloride
Concen: 3.267 ug/l
RT: 4.798 min Scan# 545
Delta R.T. 0.005 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-6

Tgt Ion: 84 Resp: 12721

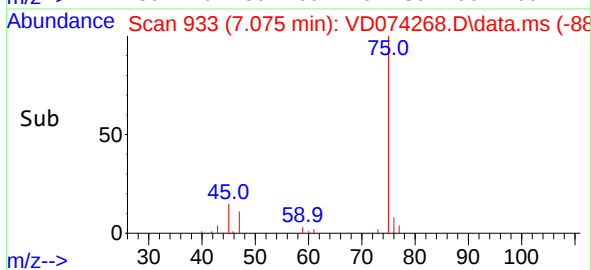
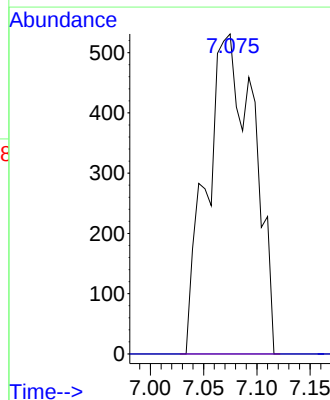
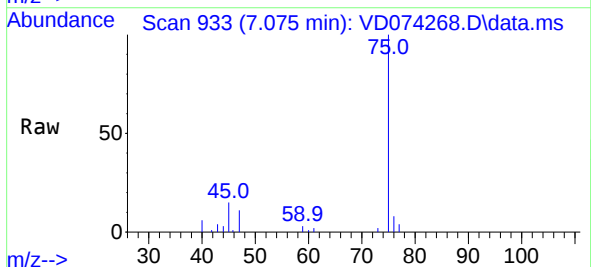
Ion	Ratio	Lower	Upper
84	100		
49	109.1	88.4	132.6
51	32.6	28.0	42.0
86	60.9	47.1	70.7

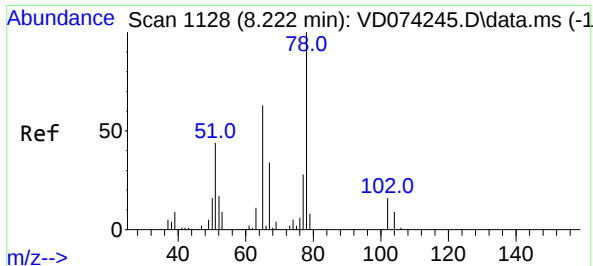


#25
2-Butanone
Concen: 4.187 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion: 43 Resp: 1631

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

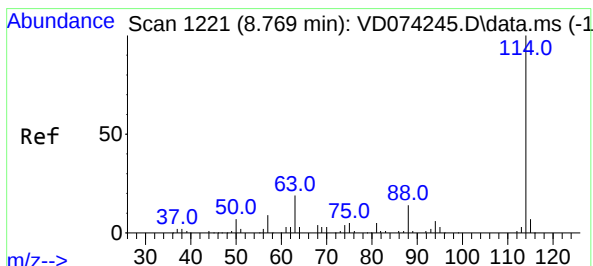
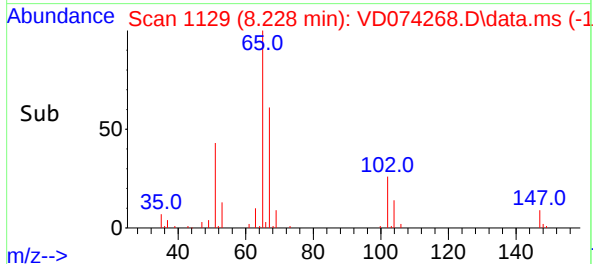
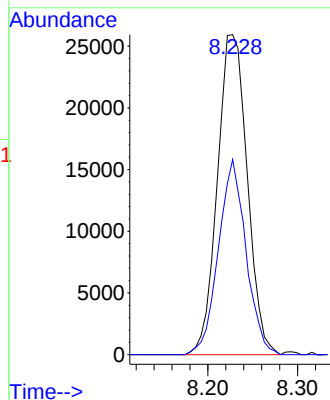
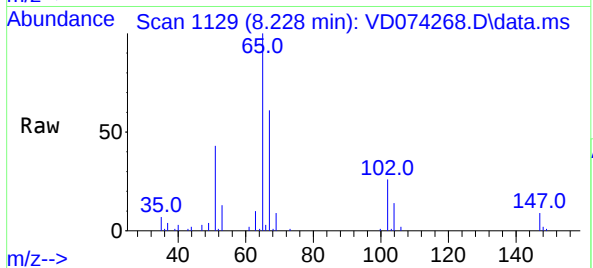




#33
1,2-Dichloroethane-d4
Concen: 53.008 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

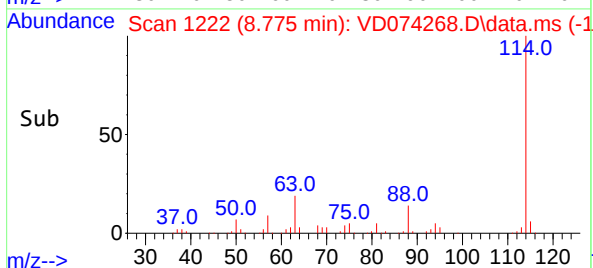
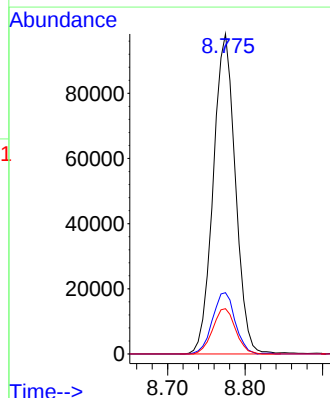
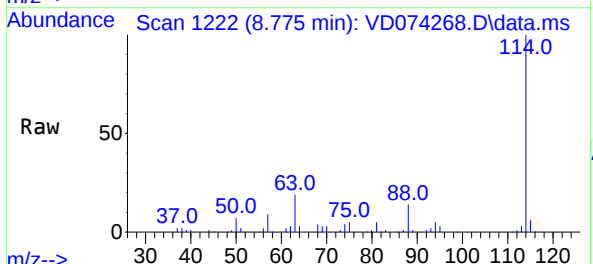
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-6

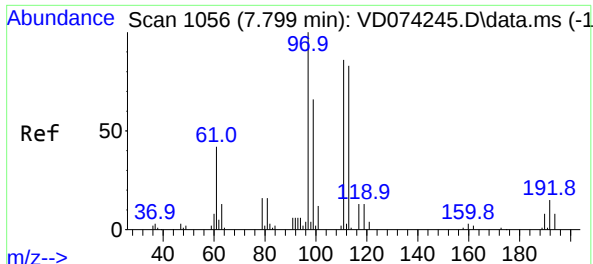
Tgt Ion: 65 Resp: 59983
Ion Ratio Lower Upper
65 100
67 56.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.005 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion: 114 Resp: 195220
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.6
88 14.1 0.0 28.4

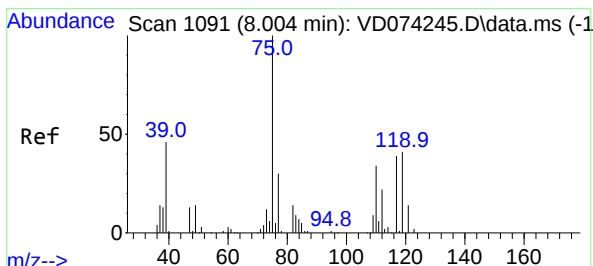
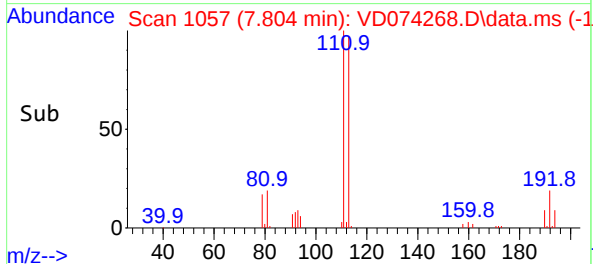
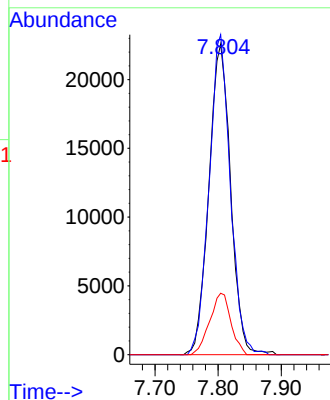
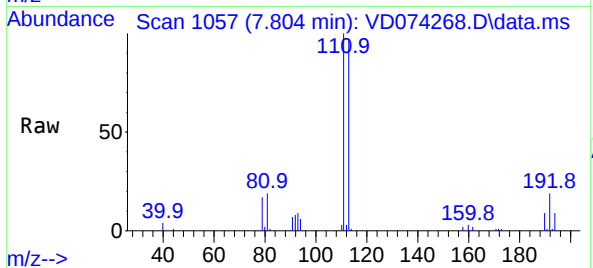




#35
Dibromofluoromethane
Concen: 40.776 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

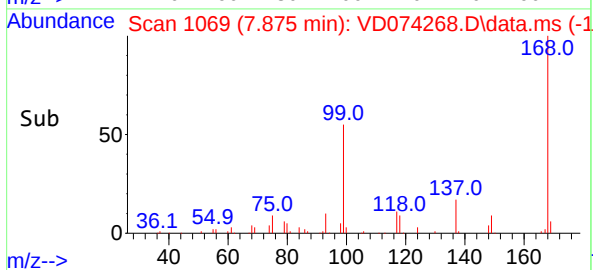
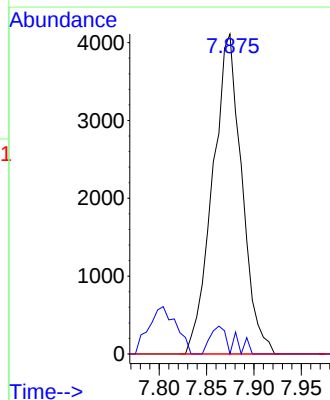
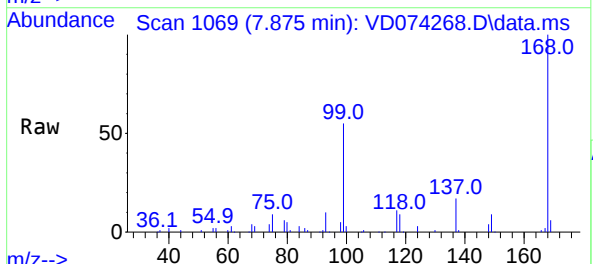
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-6

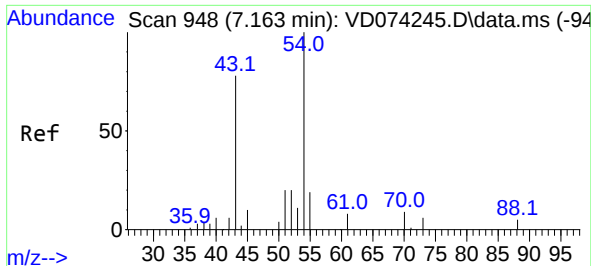
Tgt Ion:	113	Resp:	54066
Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.0	124.6
192	19.3	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion:	75	Resp:	8807
Ion	Ratio	Lower	Upper
75	100		
110	4.5	17.5	52.5#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 1.780 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.089 min

Lab File: VD074268.D

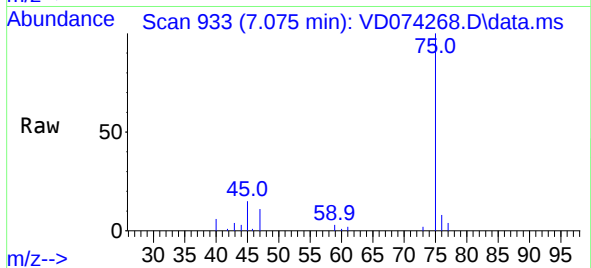
Acq: 13 Sep 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

CRUSHED-MASONRY-PILE-6



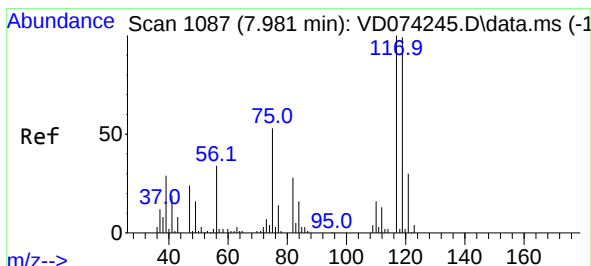
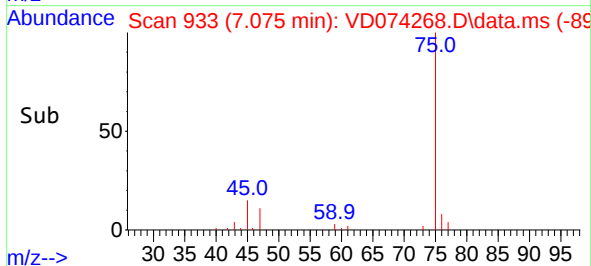
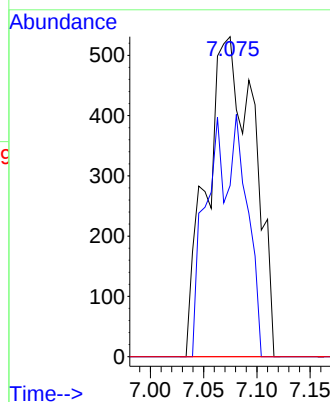
Tgt Ion: 43 Resp: 1631

Ion Ratio Lower Upper

43 100

61 30.5 12.1 18.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.711 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.106 min

Lab File: VD074268.D

Acq: 13 Sep 2022 16:17

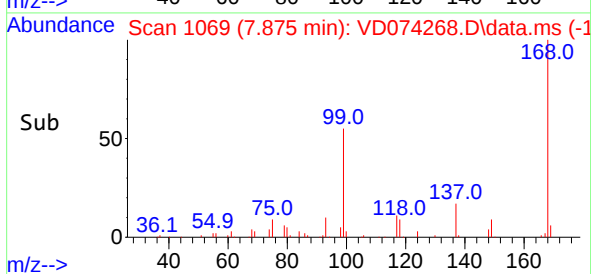
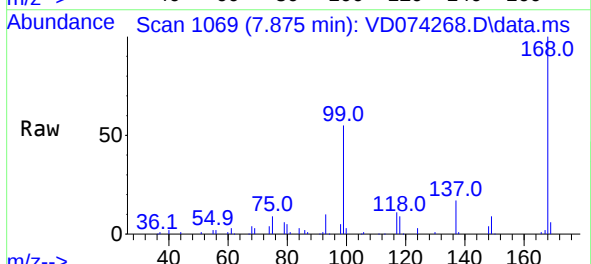
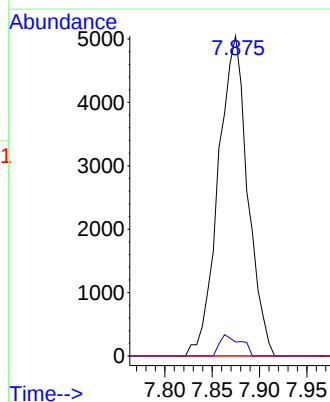
Tgt Ion: 117 Resp: 10918

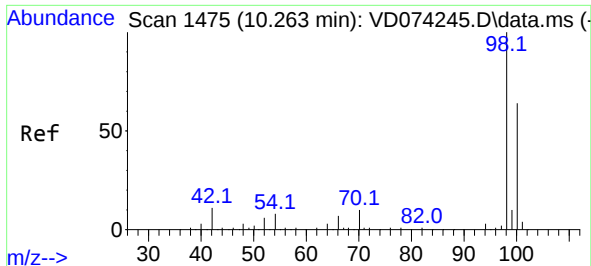
Ion Ratio Lower Upper

117 100

119 4.4 78.8 118.2#

121 0.0 23.9 35.9#

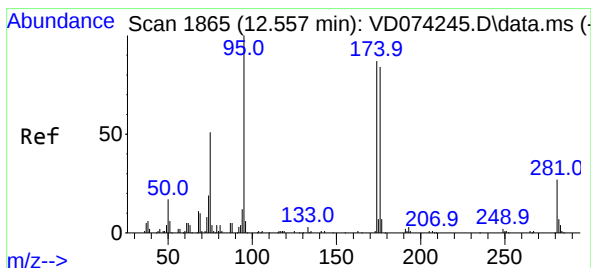
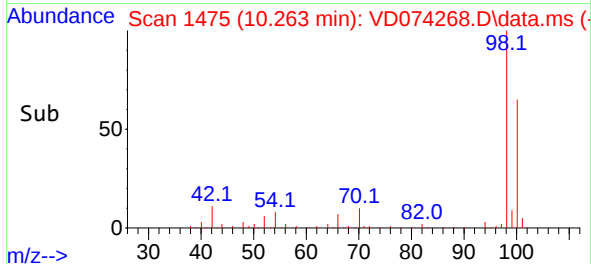
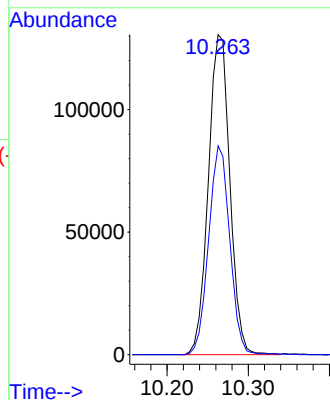
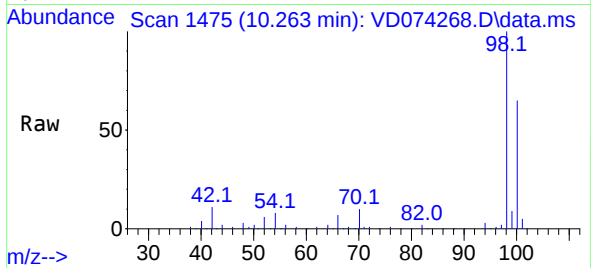




#50
Toluene-d8
Concen: 50.196 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

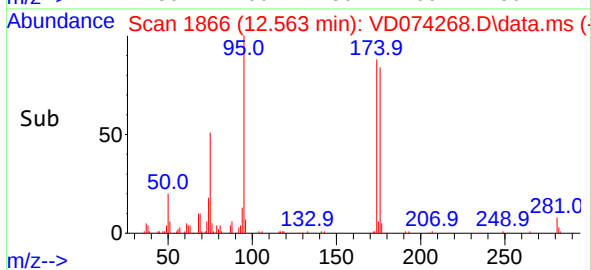
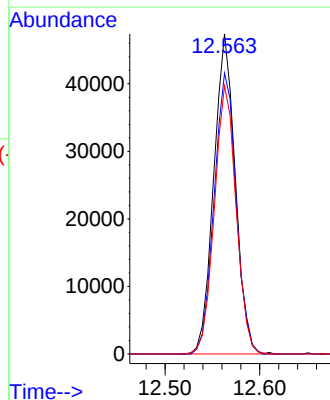
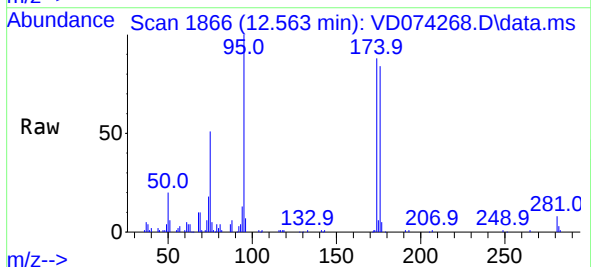
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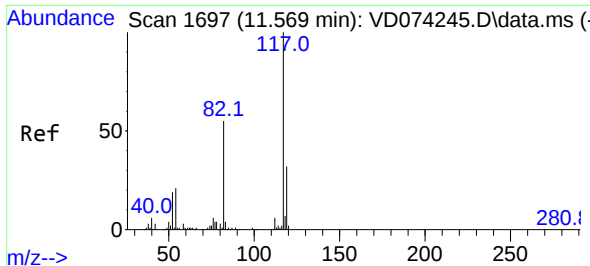
Tgt Ion: 98 Resp: 240209
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 43.739 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion: 95 Resp: 74550
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.2
176 84.8 0.0 171.4

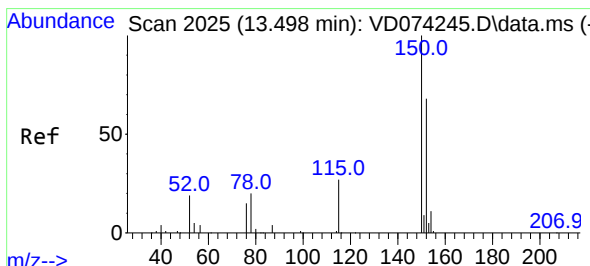
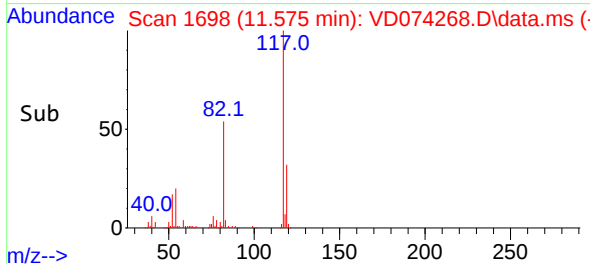
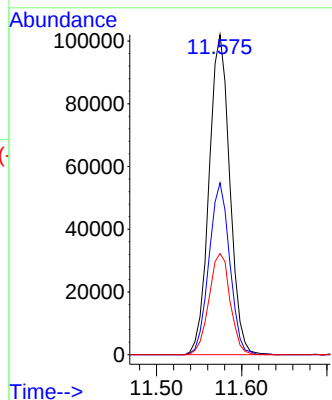
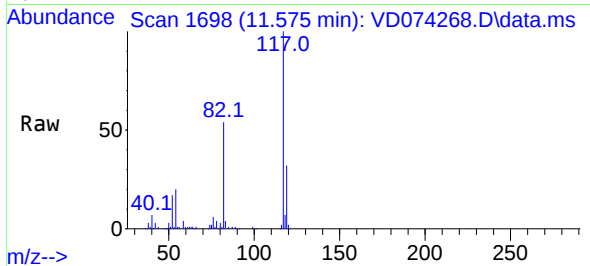




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

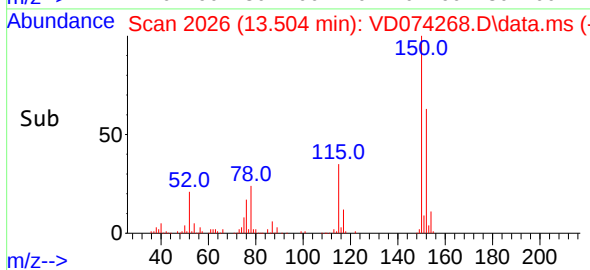
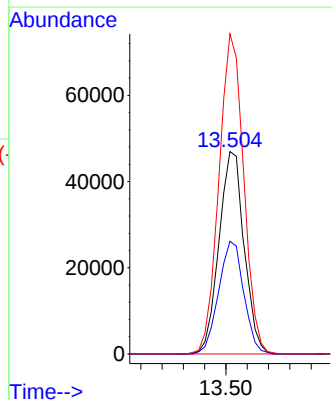
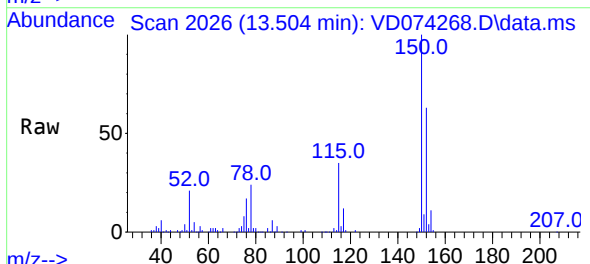
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-6

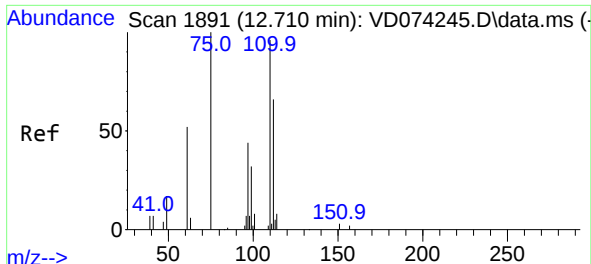
Tgt Ion:	117	Resp:	172544
Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.2	66.2
119	31.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion:	152	Resp:	76912
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.4	85.2
150	155.5	0.0	351.0

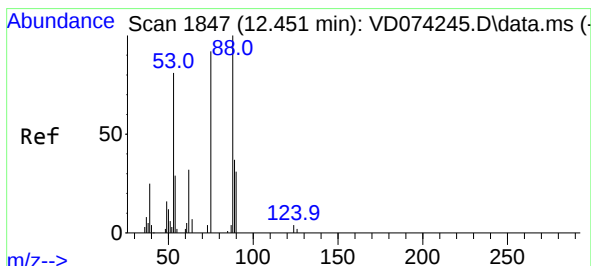
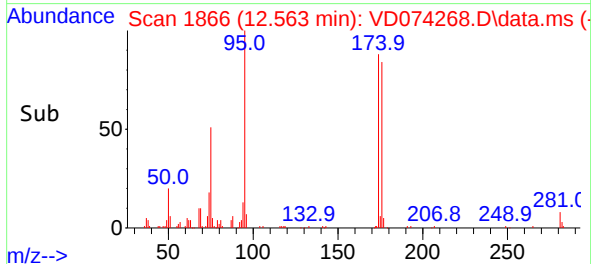
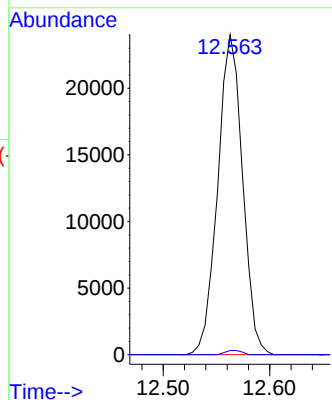
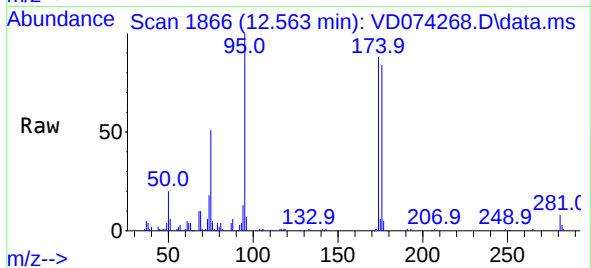




#76
1,2,3-Trichloropropane
Concen: 49.284 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Instrument : MSVOA_D
ClientSampleId : CRUSHED-MASONRY-PILE-6

Tgt Ion: 75 Resp: 38859
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.514 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.111 min
Lab File: VD074268.D
Acq: 13 Sep 2022 16:17

Tgt Ion: 75 Resp: 38859
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

