

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074271.D
 Acq On : 13 Sep 2022 17:44
 Operator : VA/SY
 Sample : N4582-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7

Quant Time: Sep 14 01:56:59 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)

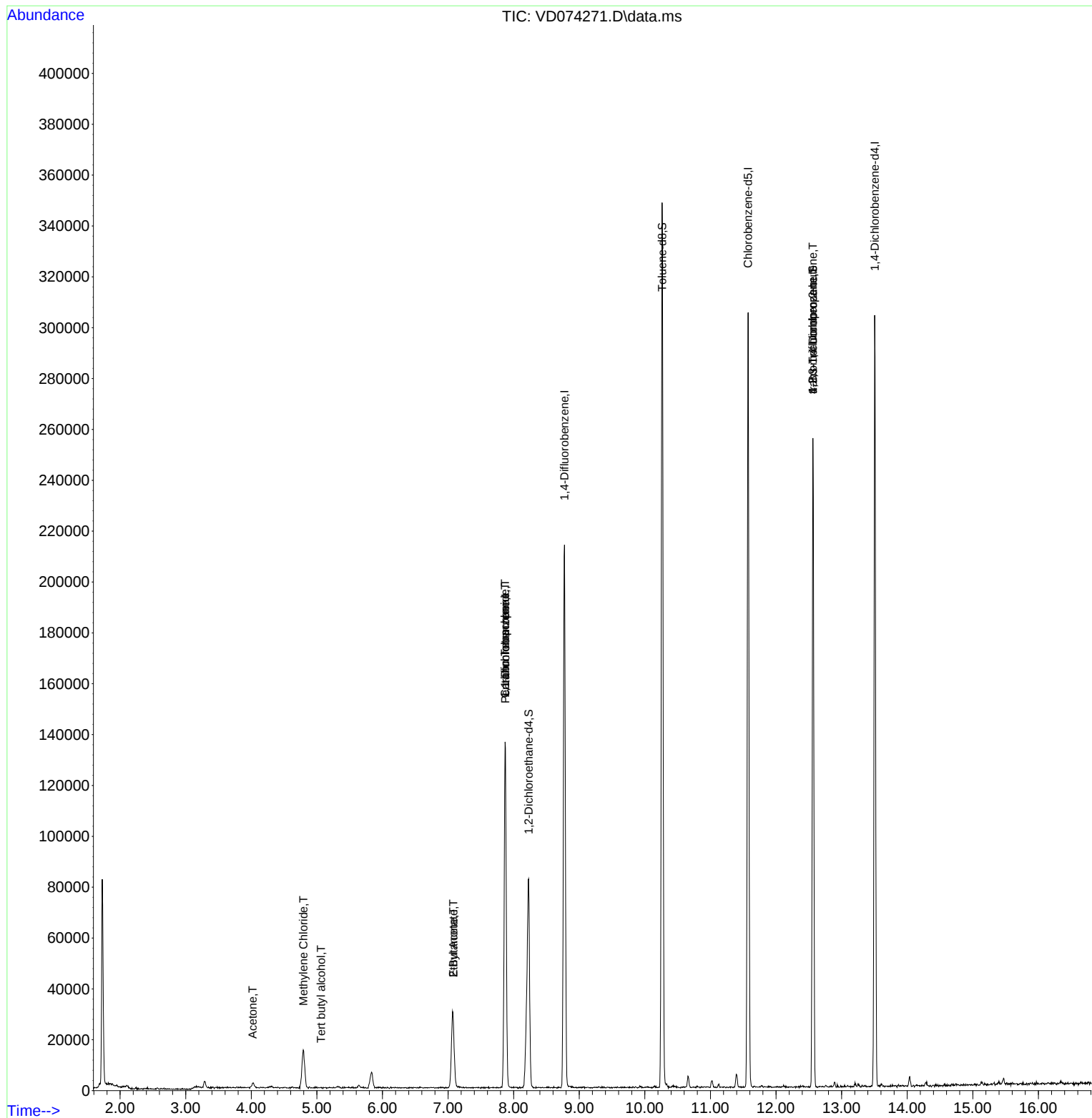
Internal Standards						
1) Pentafluorobenzene	7.875	168	106600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	175249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	82051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60202	55.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.780%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.263	98	246616	52.263	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.563	95	77050	46.232	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.460%	
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	374	Below Cal	#	39
11) Tert butyl alcohol	5.063	59	180	2.031	ug/l #	74
16) Acetone	4.022	43	3273	14.590	ug/l	95
20) Methylene Chloride	4.793	84	11983	3.071	ug/l	98
25) 2-Butanone	7.081	43	1046	2.796	ug/l #	48
36) 1,1-Dichloropropene	7.869	75	7956	3.818	ug/l #	50
37) Ethyl Acetate	7.081	43	1046	1.158	ug/l #	1
38) Carbon Tetrachloride	7.869	117	10524	5.583	ug/l #	14
76) 1,2,3-Trichloropropane	12.563	75	39260	46.674	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	39260	115.079	ug/l #	100

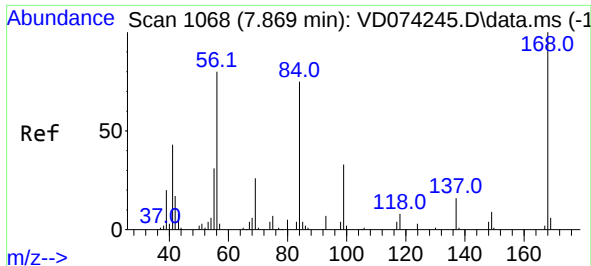
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

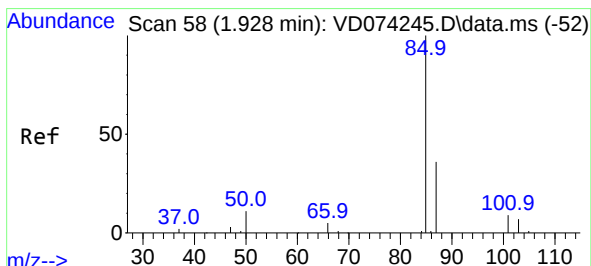
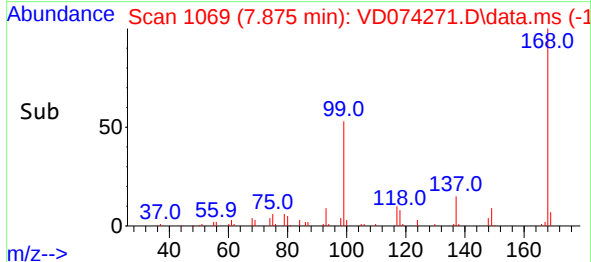
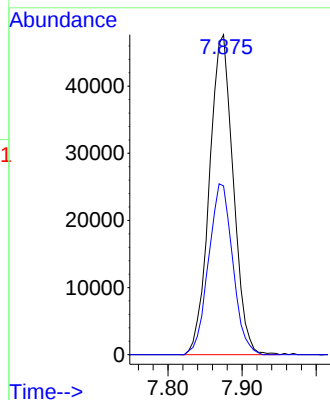
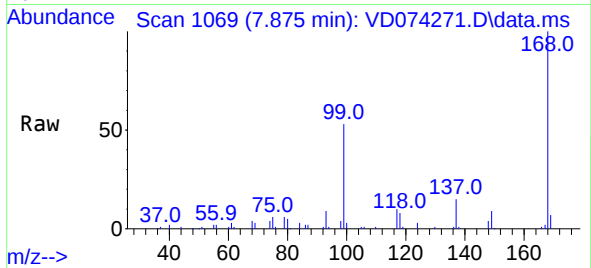




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

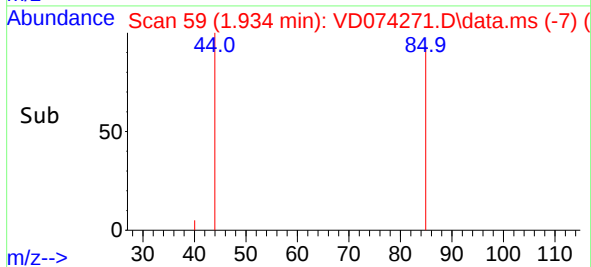
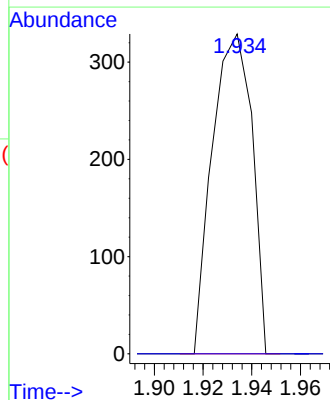
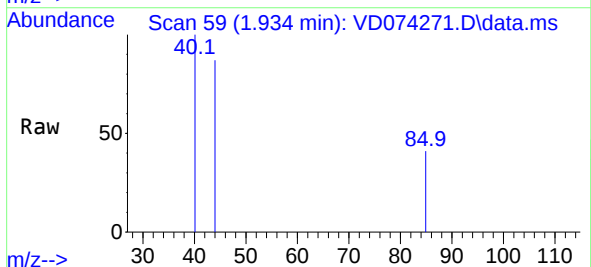
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7

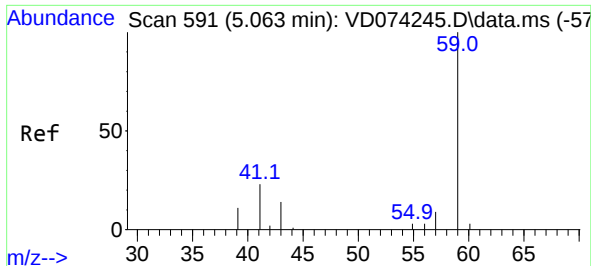
Tgt Ion:168 Resp: 106600
Ion Ratio Lower Upper
168 100
99 52.7 43.0 64.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion: 85 Resp: 374
Ion Ratio Lower Upper
85 100
87 0.0 17.9 53.7#

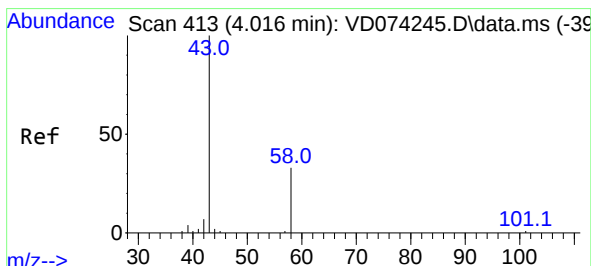
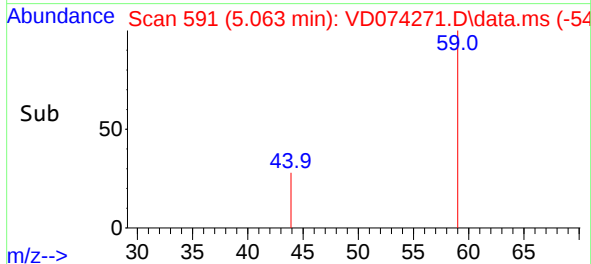
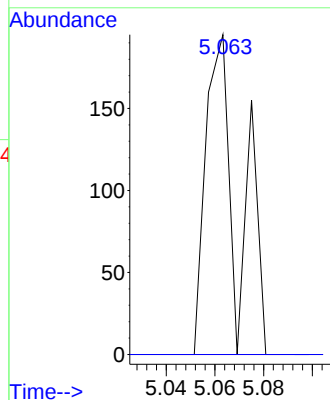
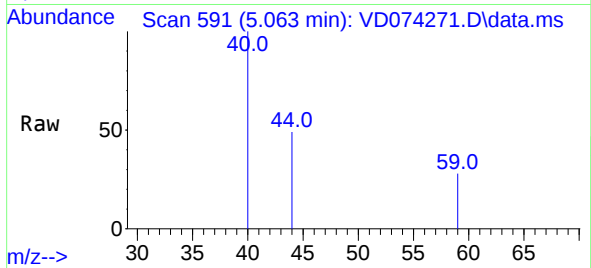




#11
Tert butyl alcohol
Concen: 2.031 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

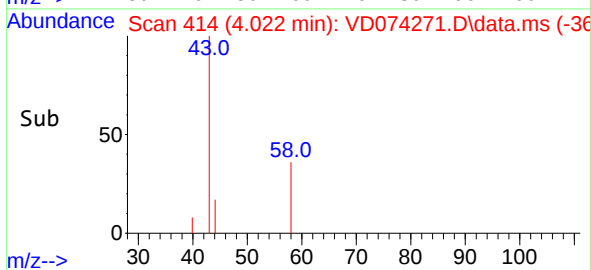
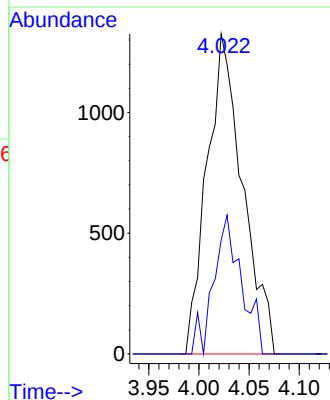
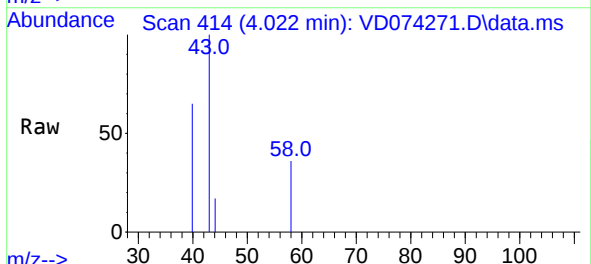
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7

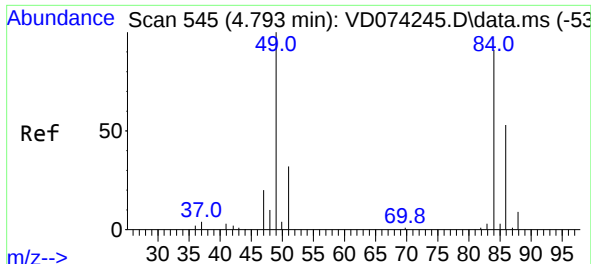
Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 14.590 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
58 35.5 26.4 39.6



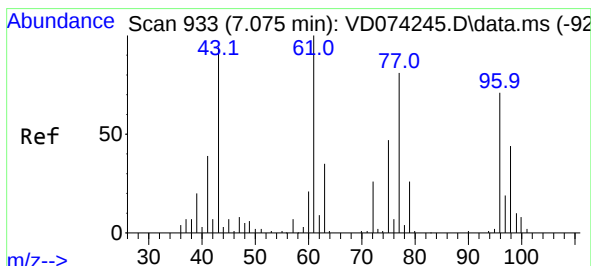
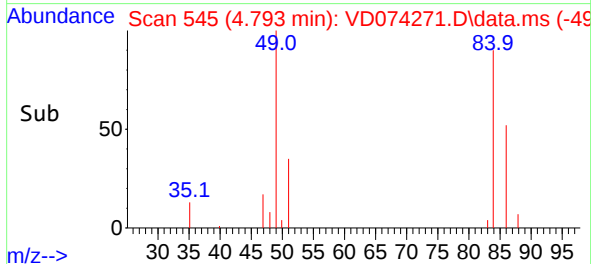
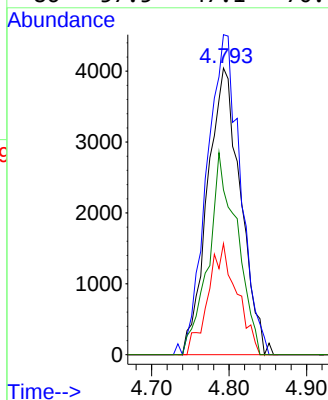
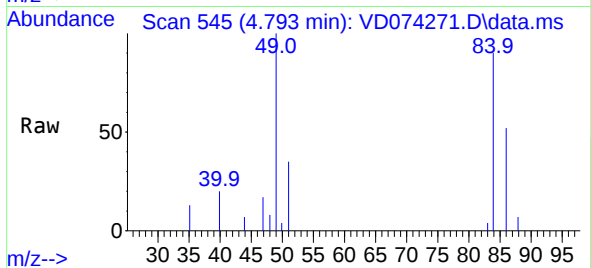


#20
Methylene Chloride
Concen: 3.071 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7

Tgt Ion: 84 Resp: 11983

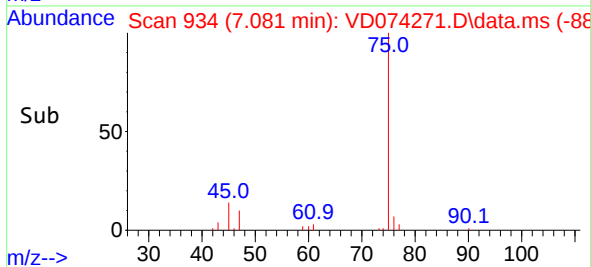
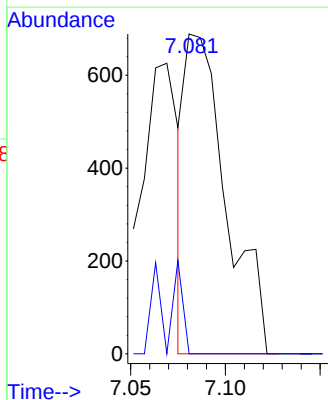
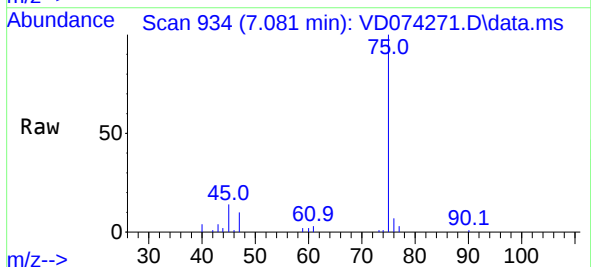
Ion	Ratio	Lower	Upper
84	100		
49	111.7	88.4	132.6
51	38.8	28.0	42.0
86	57.5	47.1	70.7

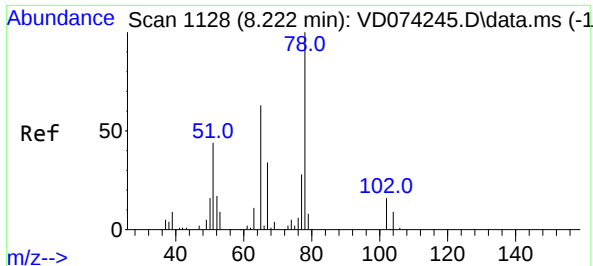


#25
2-Butanone
Concen: 2.796 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#

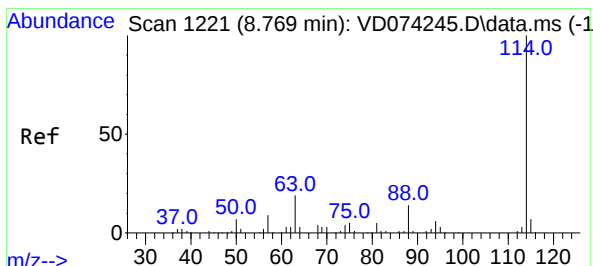
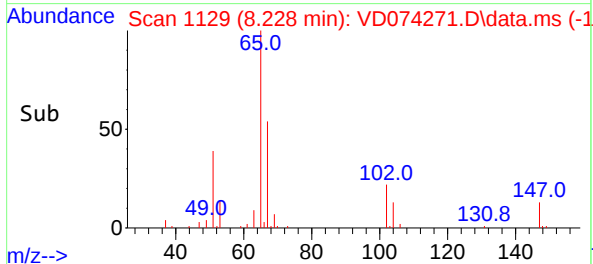
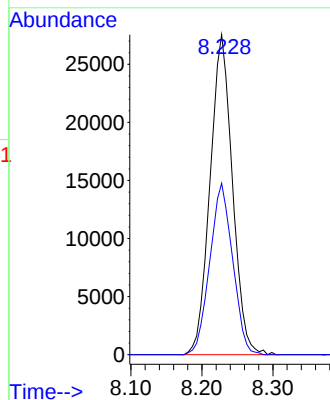
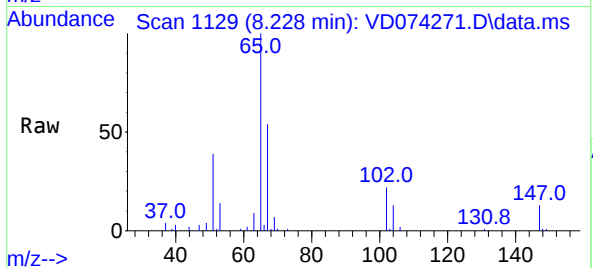




#33
1,2-Dichloroethane-d4
Concen: 55.394 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

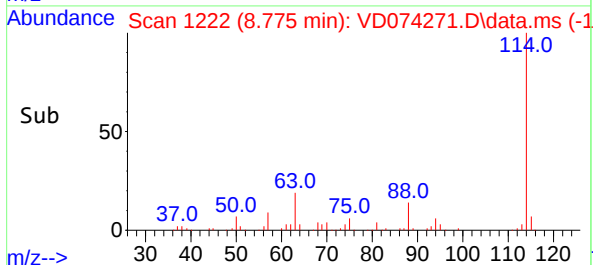
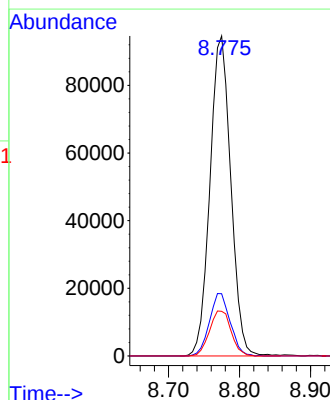
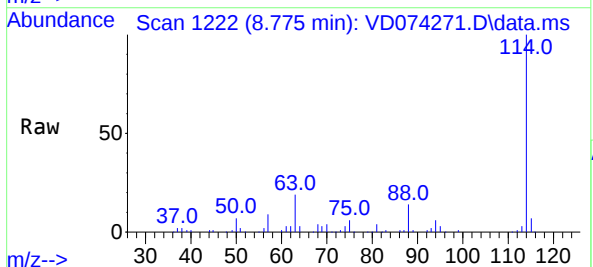
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7

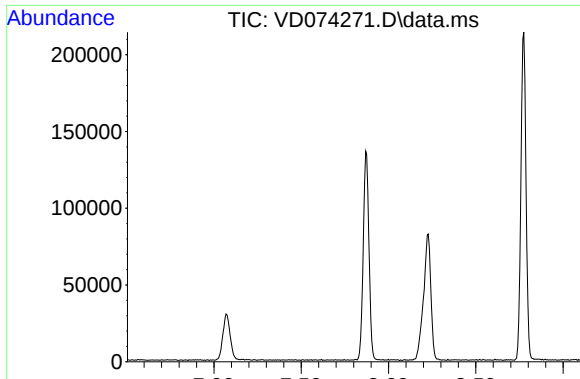
Tgt Ion: 65 Resp: 60202
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion: 114 Resp: 192498
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.6
88 14.0 0.0 28.4



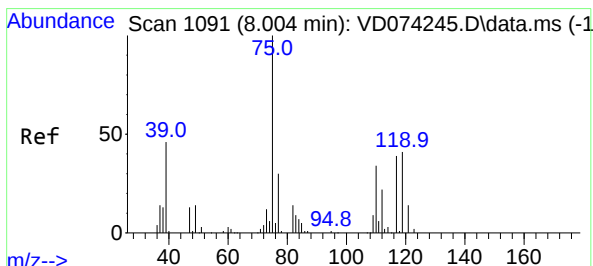
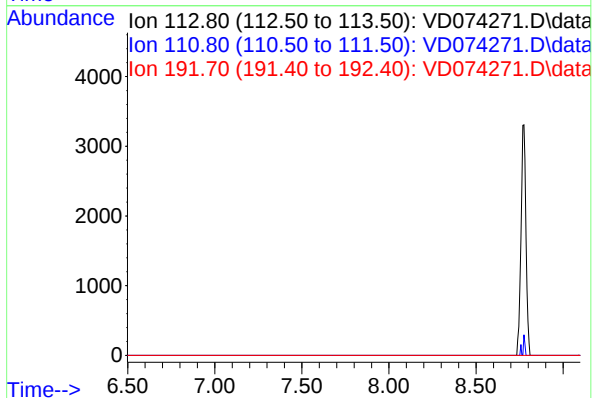


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.80 min
 Lab File: VD074271.D
 Acq: 13 Sep 2022 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7

Tgt Ion: 113

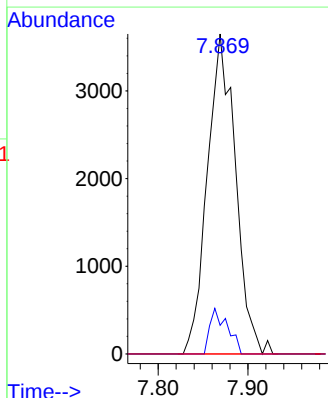
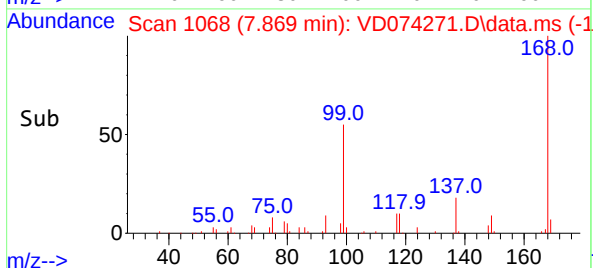
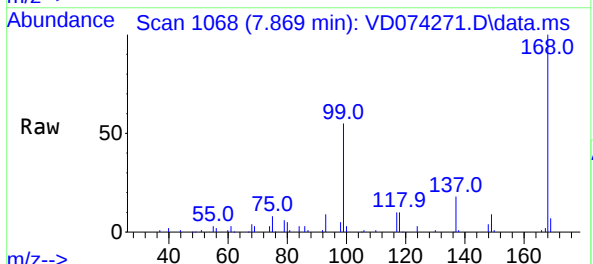
Sig	Exp Ratio
113	100
111	103.8
192	20.2

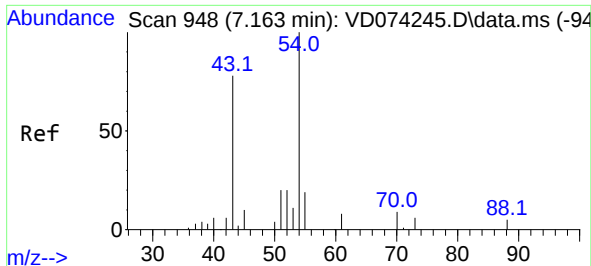


#36
 1,1-Dichloropropene
 Concen: 3.818 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.135 min
 Lab File: VD074271.D
 Acq: 13 Sep 2022 17:44

Tgt Ion: 75 Resp: 7956

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.5#
77	0.0	24.8	37.2#





#37

Ethyl Acetate

Concen: 1.158 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.083 min

Lab File: VD074271.D

Acq: 13 Sep 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

CRUSHED-MASONRY-PILE-7

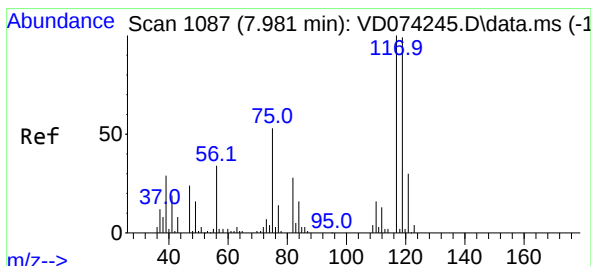
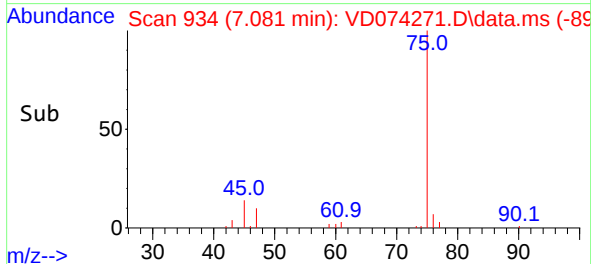
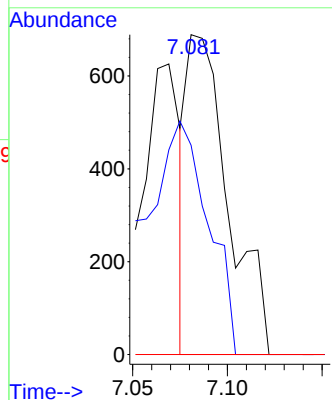
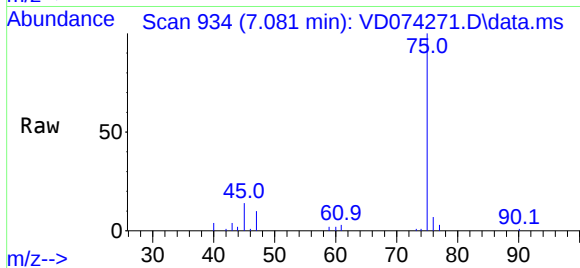
Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

61 122.5 12.1 18.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.583 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.112 min

Lab File: VD074271.D

Acq: 13 Sep 2022 17:44

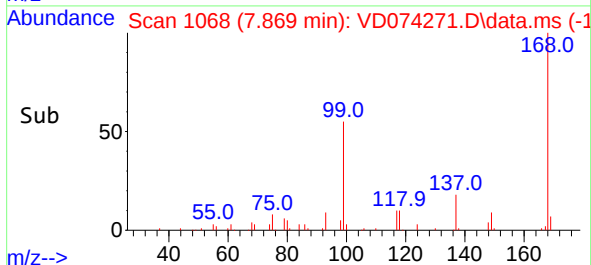
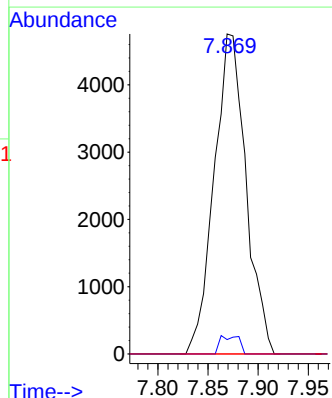
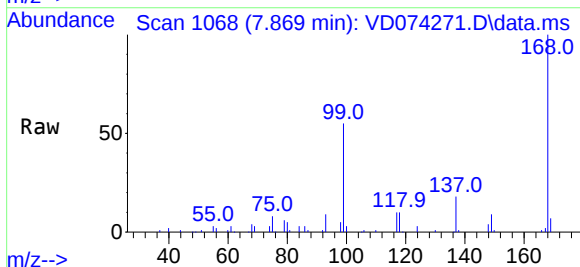
Tgt Ion: 117 Resp: 10524

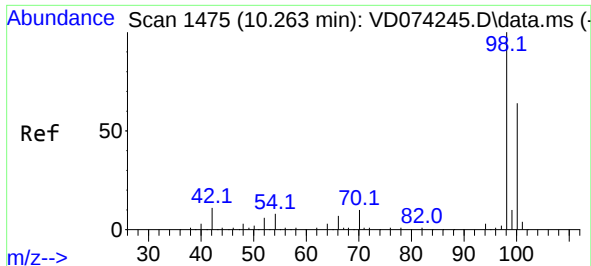
Ion Ratio Lower Upper

117 100

119 4.5 78.8 118.2#

121 0.0 23.9 35.9#

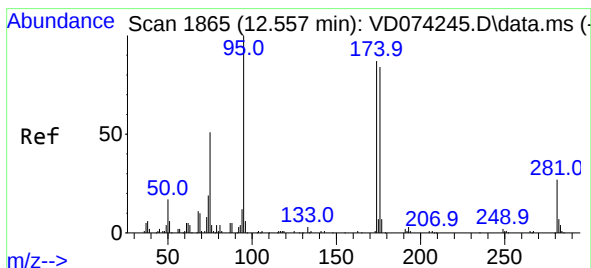
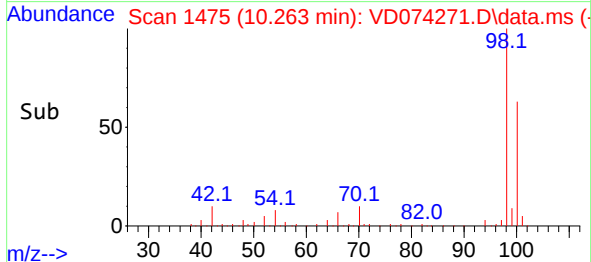
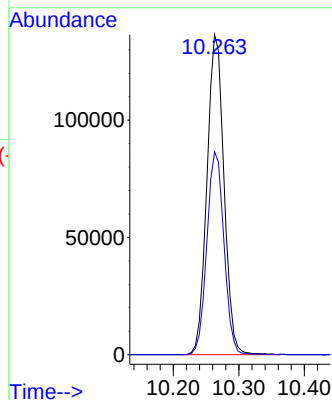
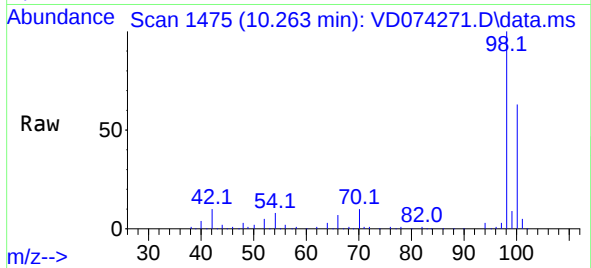




#50
Toluene-d8
Concen: 52.263 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

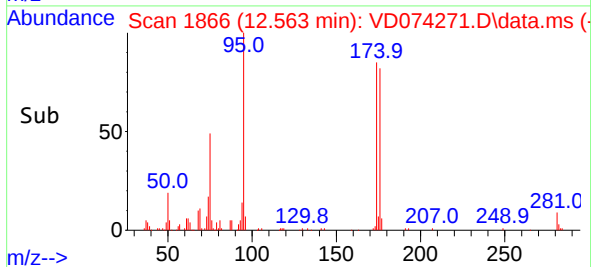
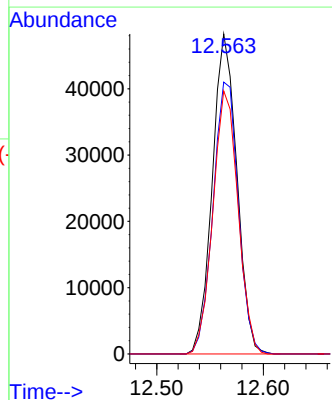
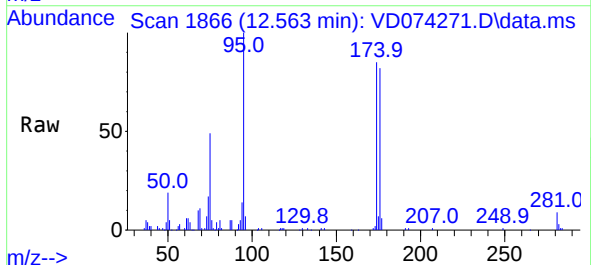
Instrument :
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CRUSHED-MASONRY-PILE-7

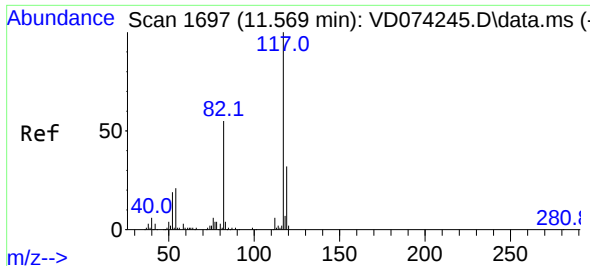
Tgt Ion: 98 Resp: 246616
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 46.232 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion: 95 Resp: 77050
Ion Ratio Lower Upper
95 100
174 87.6 0.0 179.2
176 84.1 0.0 171.4

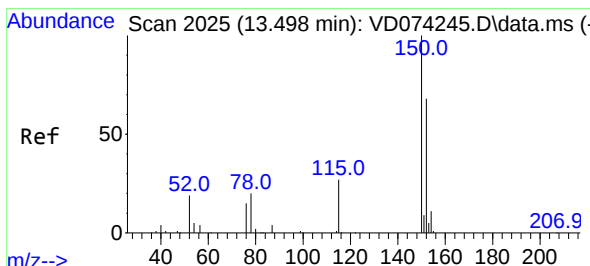
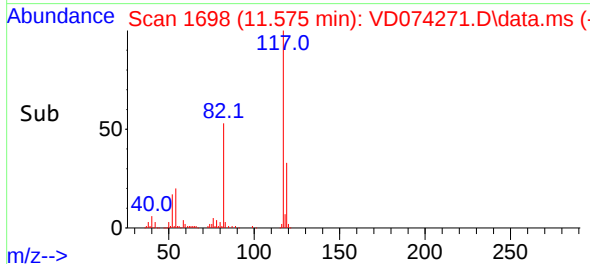
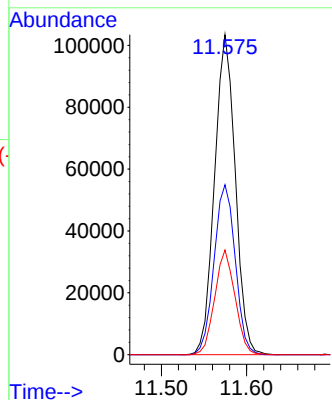
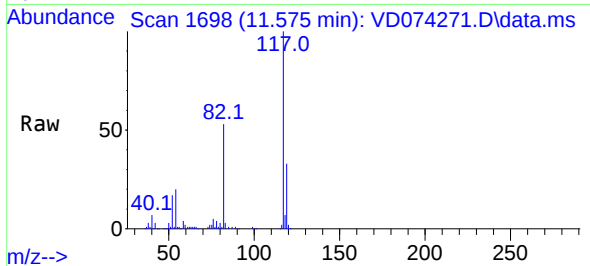




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

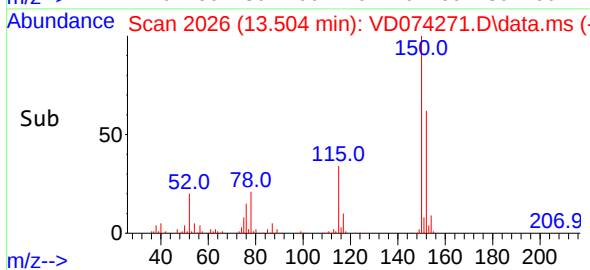
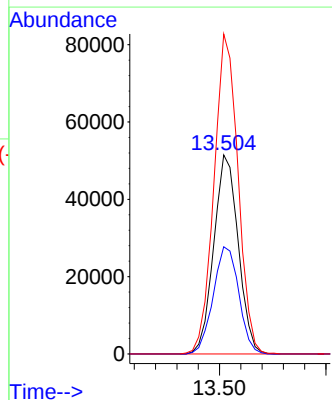
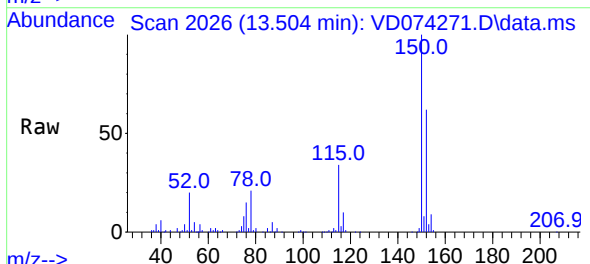
Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7

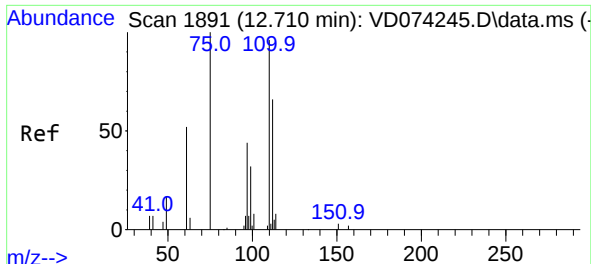
Tgt Ion:	117	Resp:	175249
Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.2	66.2
119	32.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion:	152	Resp:	82051
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.4	85.2
150	157.9	0.0	351.0

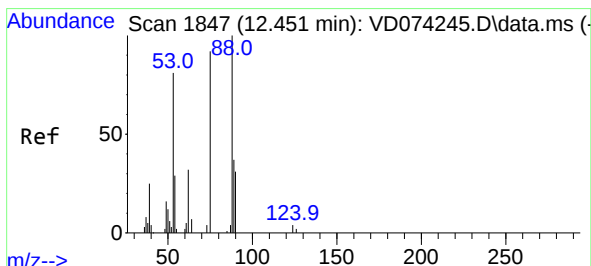
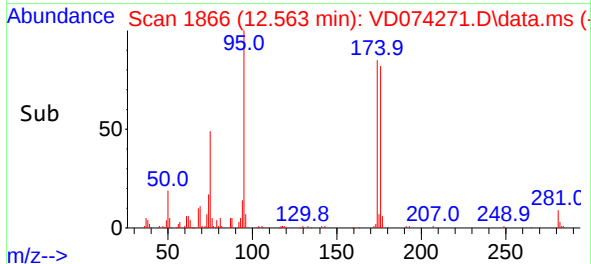
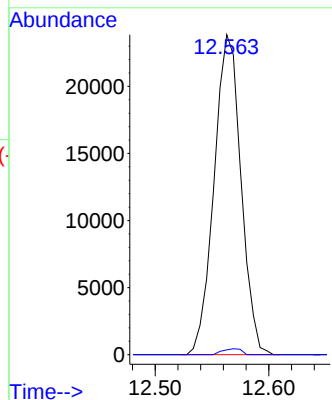
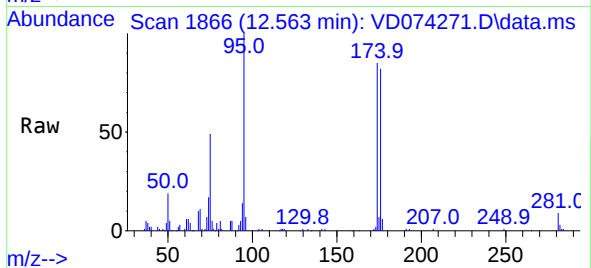




#76
1,2,3-Trichloropropane
Concen: 46.674 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :
CRUSHED-MASONRY-PILE-7

Tgt Ion: 75 Resp: 39260
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.079 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074271.D
Acq: 13 Sep 2022 17:44

Tgt Ion: 75 Resp: 39260
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

