

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074827.D
 Acq On : 09 Nov 2022 14:49
 Operator : VA/SY
 Sample : N5505-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-2-110722

Quant Time: Nov 10 00:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

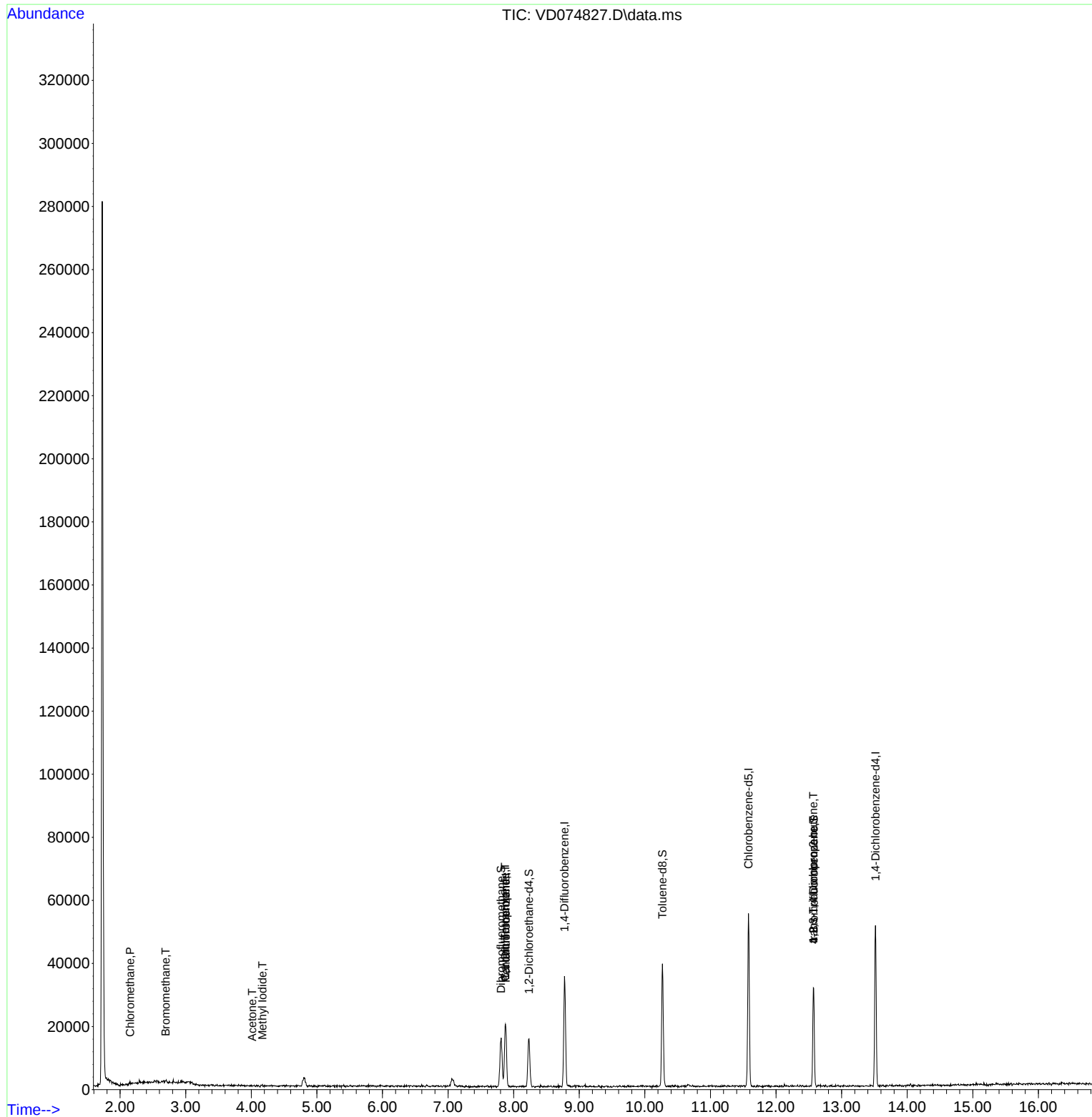
Internal Standards						
1) Pentafluorobenzene	7.881	168	17310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	34363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12384	90.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.660%#	
35) Dibromofluoromethane	7.810	113	11984	58.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.920%	
50) Toluene-d8	10.269	98	29047	39.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.340%	
62) 4-Bromofluorobenzene	12.575	95	10833	50.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.200%	
Target Compounds						Qvalue
3) Chloromethane	2.152	50	247	1.089	ug/l #	37
5) Bromomethane	2.693	94	383	2.032	ug/l #	67
10) Methyl Iodide	4.169	142	60	5.781	ug/l #	43
16) Acetone	4.016	43	58	2.027	ug/l #	37
20) Methylene Chloride	4.816	84	2591	Below Cal	#	84
36) 1,1-Dichloropropene	7.875	75	1089	3.529	ug/l #	39
38) Carbon Tetrachloride	7.869	117	1648	5.638	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	5150	42.180	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	5150	100.126	ug/l #	17

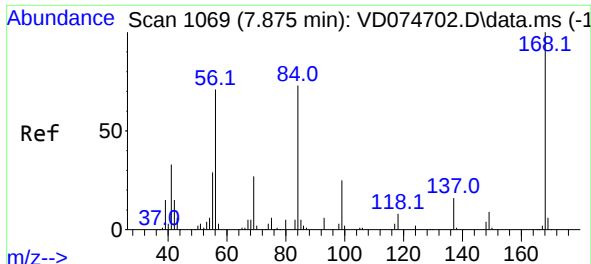
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

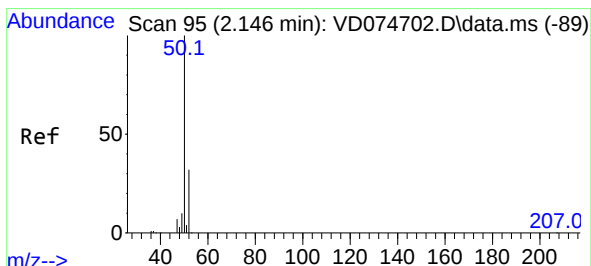
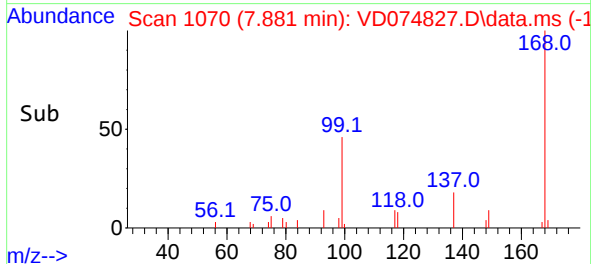
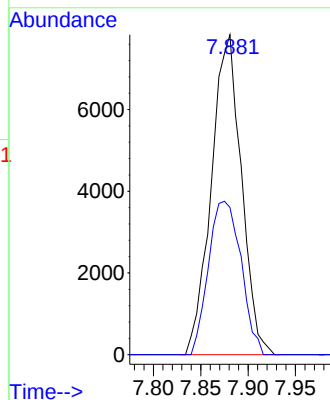
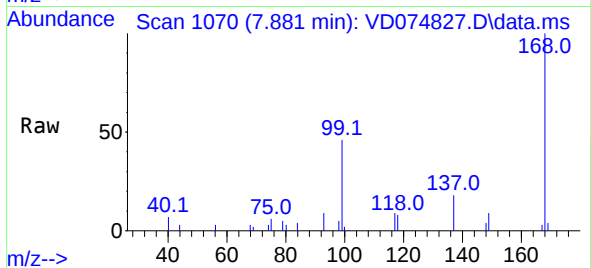




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

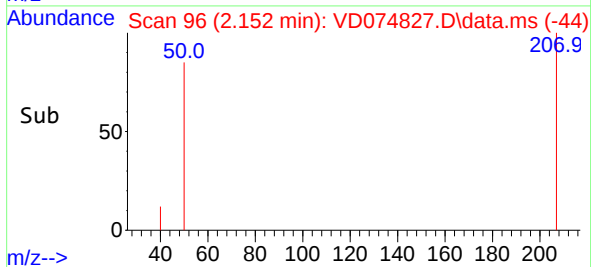
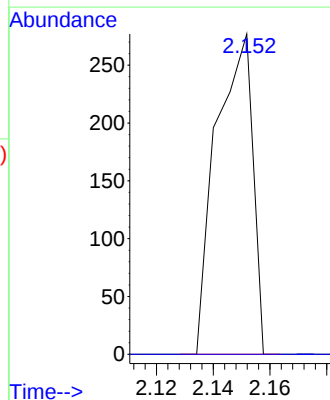
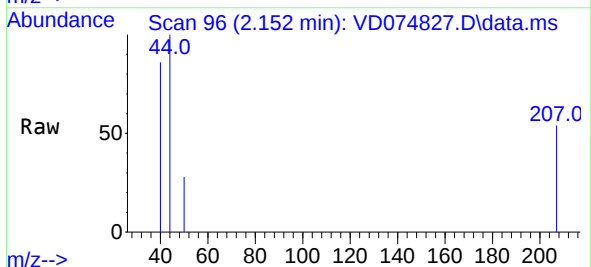
Instrument :
MSVOA_D
ClientSampleId :
HD-2-110722

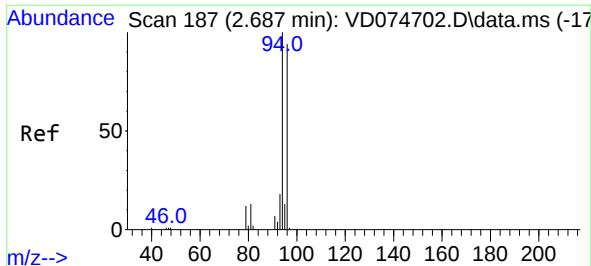
Tgt Ion:168 Resp: 17310
Ion Ratio Lower Upper
168 100
99 46.0 40.9 61.3



#3
Chloromethane
Concen: 1.089 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

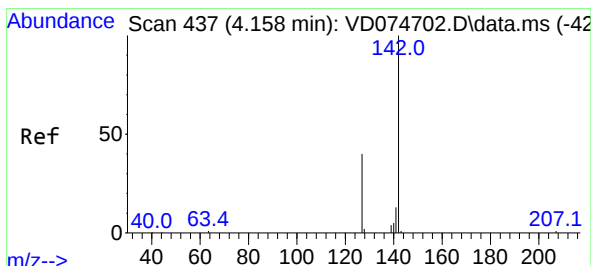
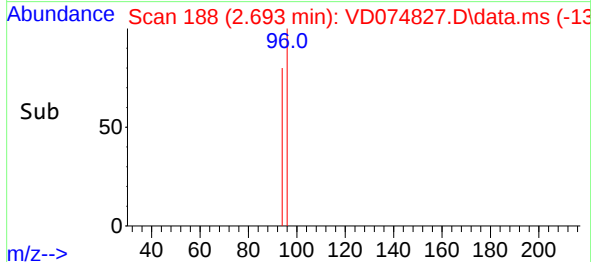
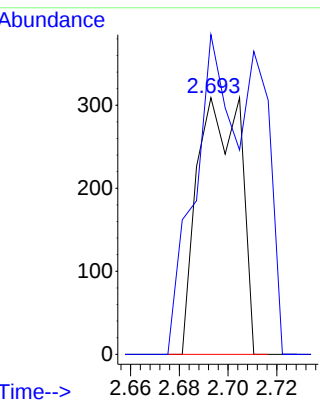
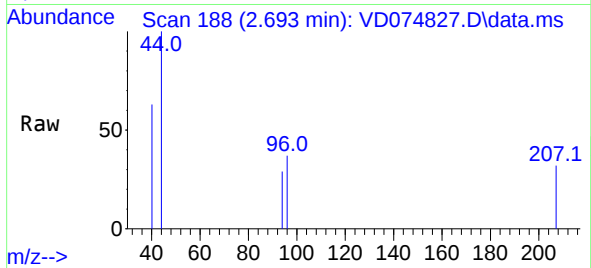




#5
Bromomethane
Concen: 2.032 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

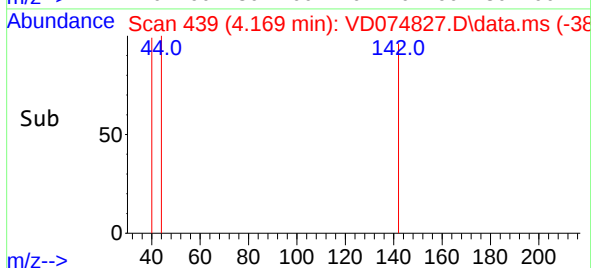
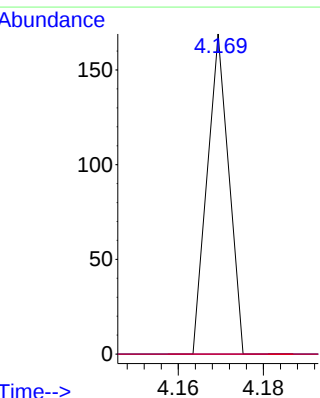
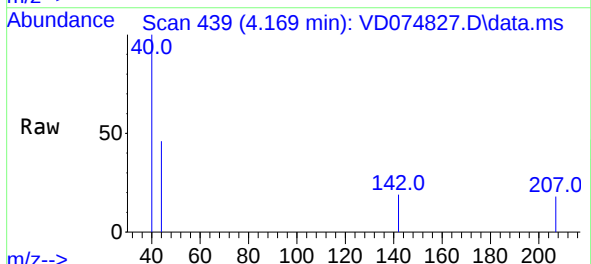
Instrument :
MSVOA_D
ClientSampleId :
HD-2-110722

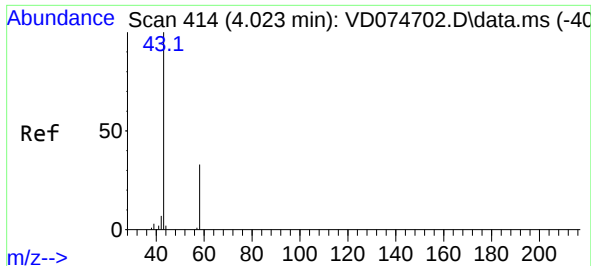
Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 124.6 74.6 112.0#



#10
Methyl Iodide
Concen: 5.781 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Tgt Ion: 142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

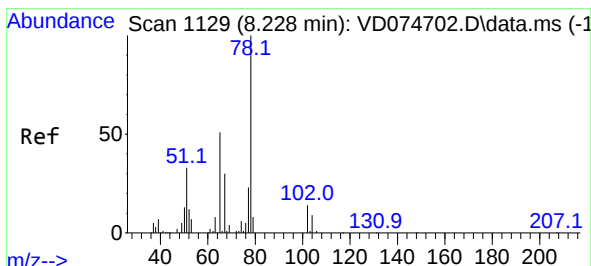
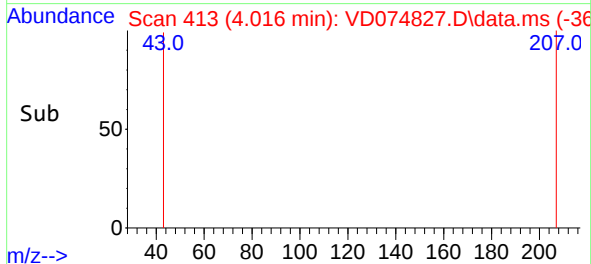
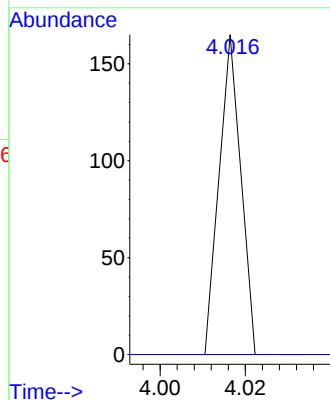
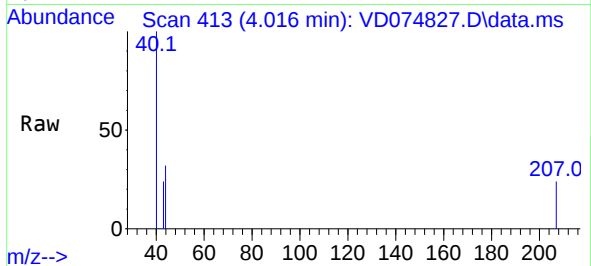




#16
Acetone
Concen: 2.027 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

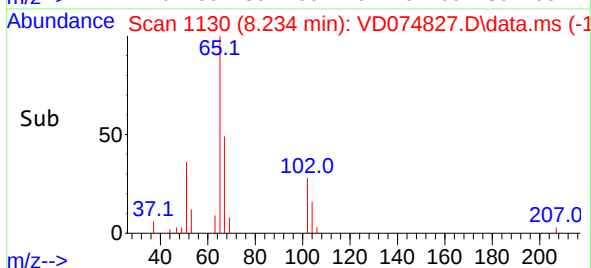
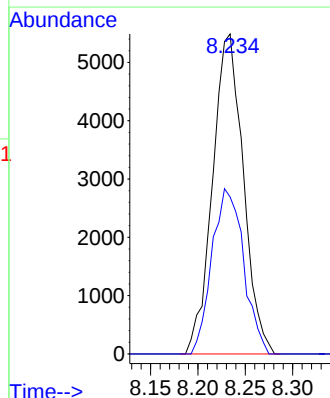
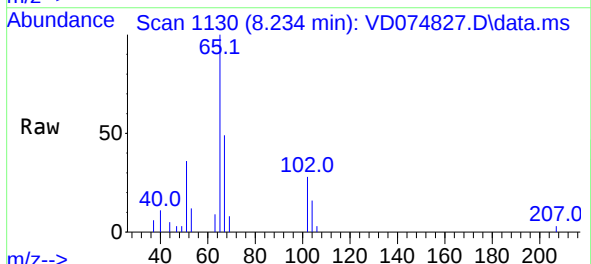
Instrument :
MSVOA_D
ClientSampleId :
HD-2-110722

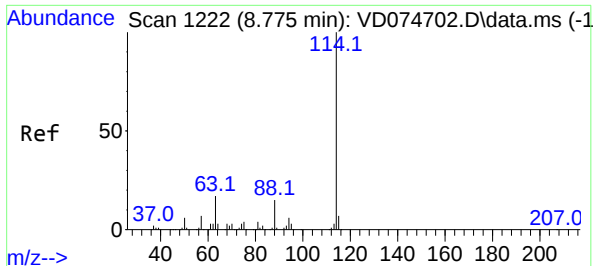
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 90.329 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Tgt Ion: 65 Resp: 12384
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074827.D

Acq: 09 Nov 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

HD-2-110722

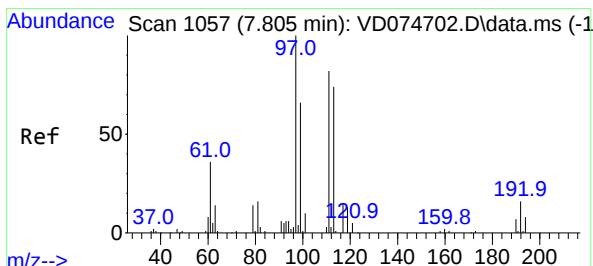
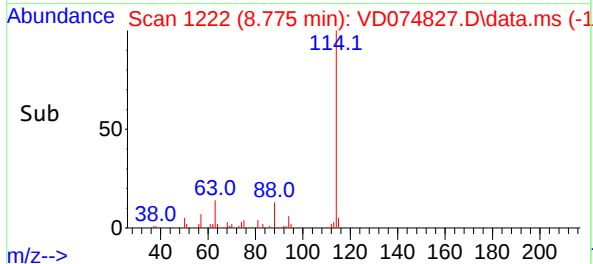
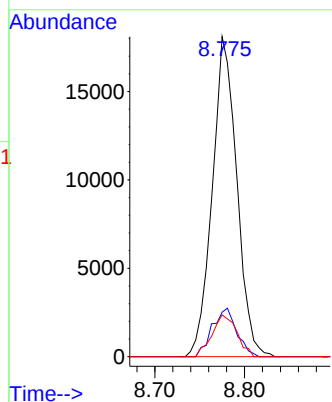
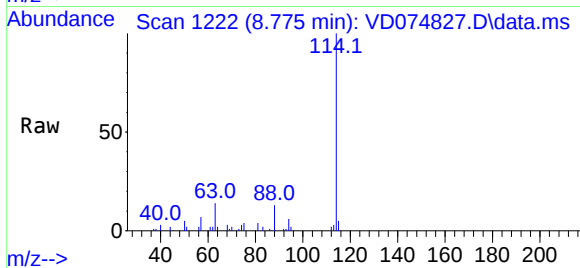
Tgt Ion:114 Resp: 34363

Ion Ratio Lower Upper

114 100

63 13.9 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.956 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074827.D

Acq: 09 Nov 2022 14:49

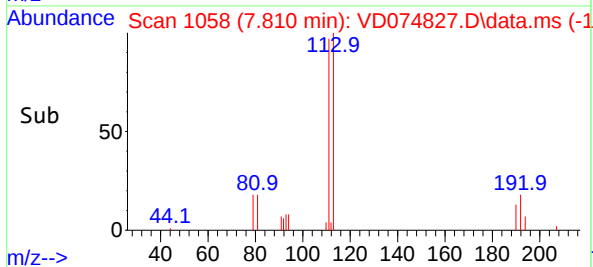
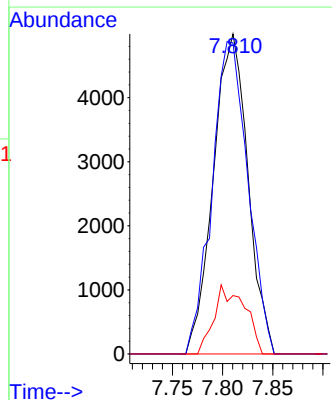
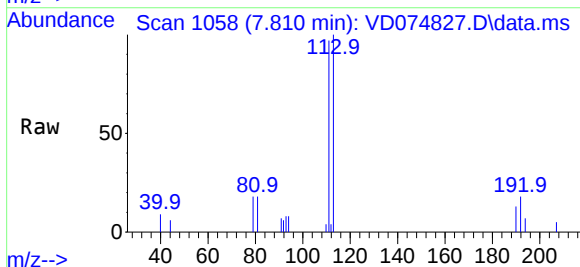
Tgt Ion:113 Resp: 11984

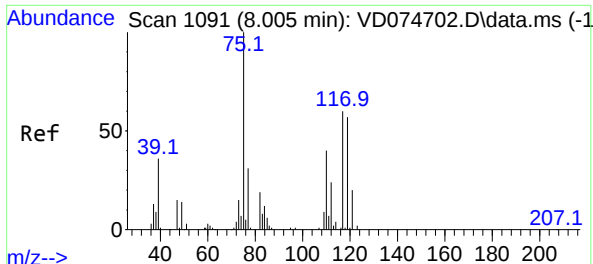
Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 19.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 3.529 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074827.D

Acq: 09 Nov 2022 14:49

Instrument :

MSVOA_D

ClientSampleId :

HD-2-110722

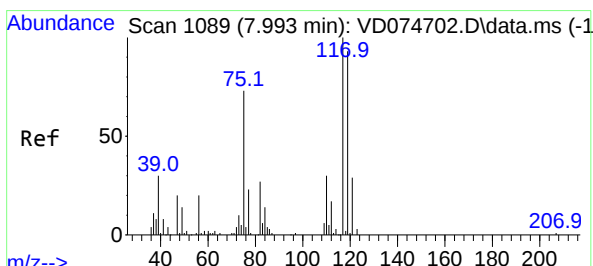
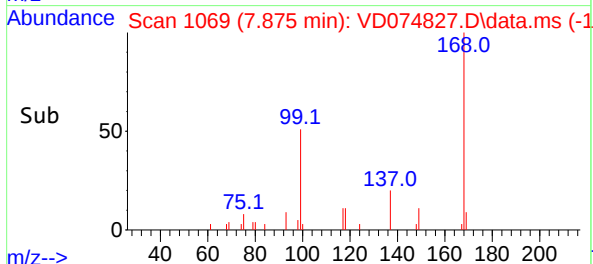
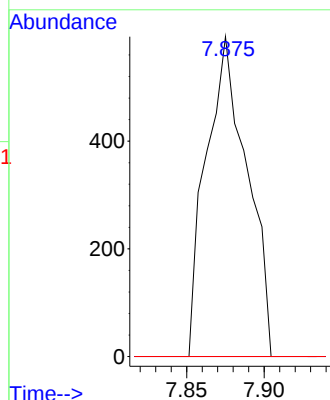
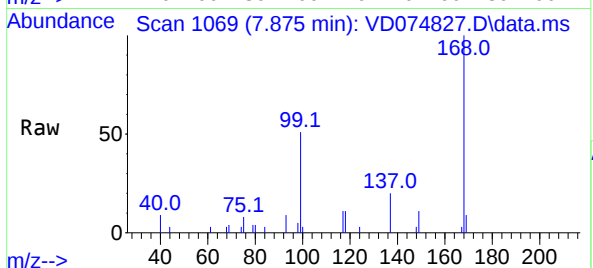
Tgt Ion: 75 Resp: 1089

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.638 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD074827.D

Acq: 09 Nov 2022 14:49

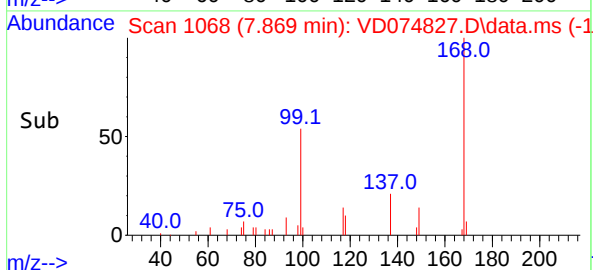
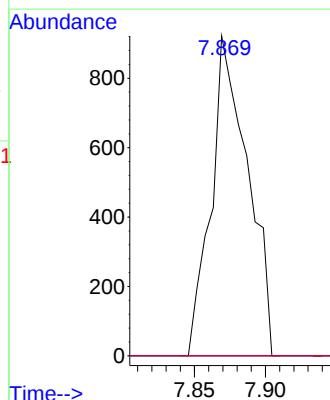
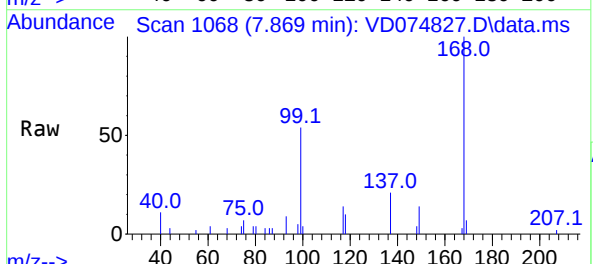
Tgt Ion: 117 Resp: 1648

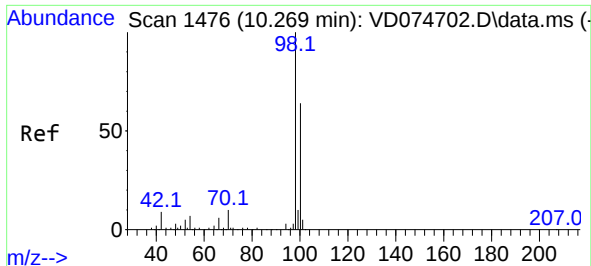
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

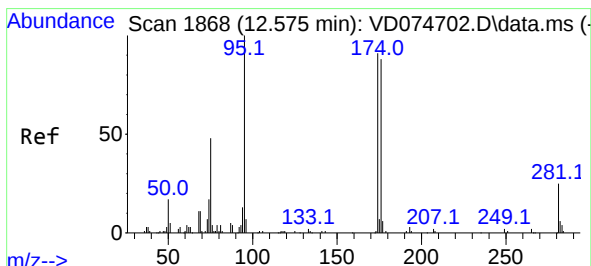
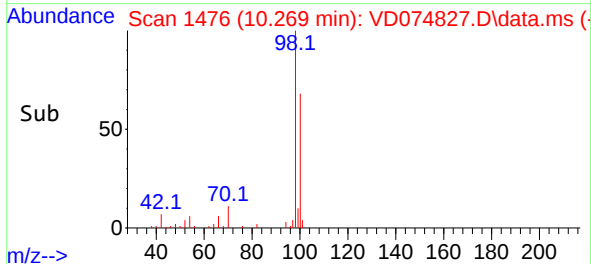
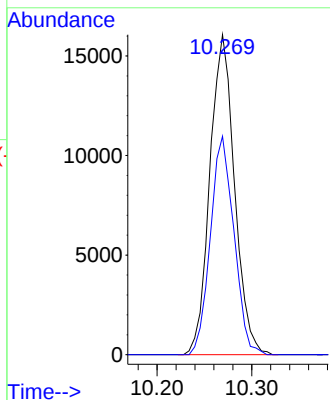
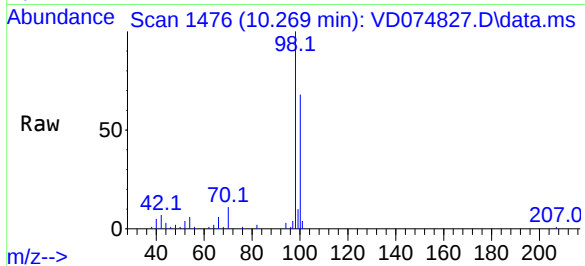




#50
Toluene-d8
Concen: 39.175 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

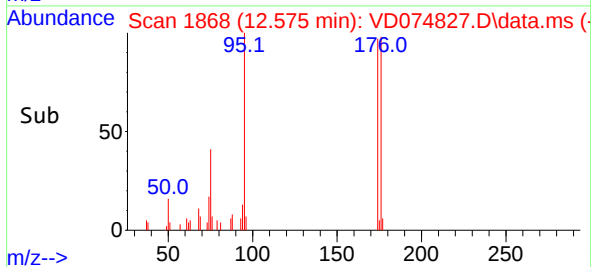
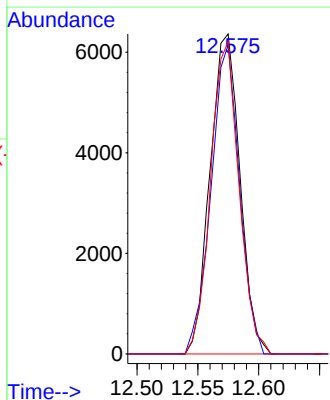
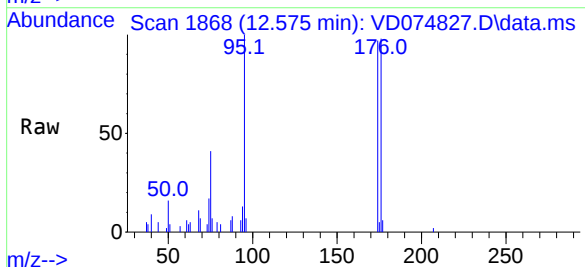
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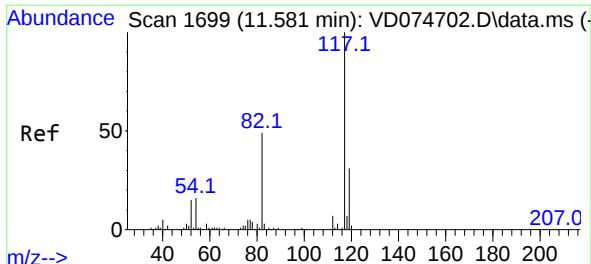
Tgt Ion: 98 Resp: 29047
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.601 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Tgt Ion: 95 Resp: 10833
Ion Ratio Lower Upper
95 100
174 92.2 0.0 197.0
176 92.8 0.0 182.6

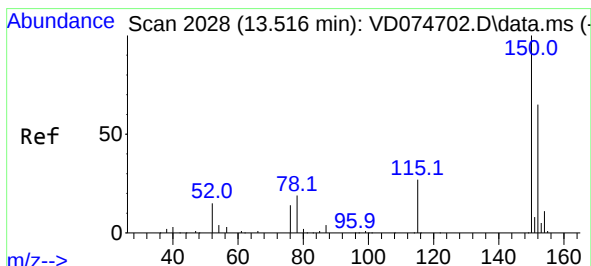
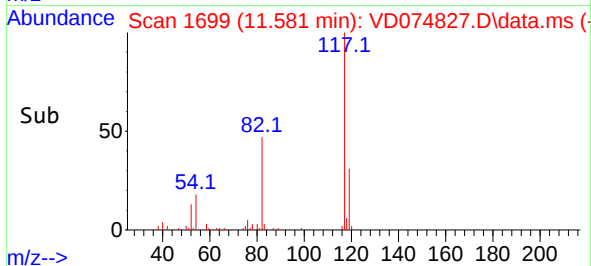
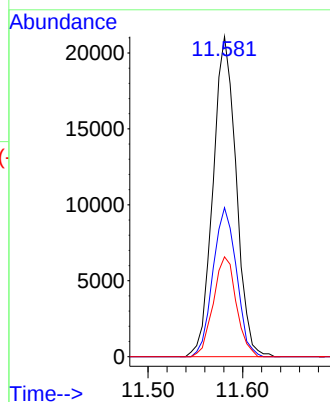
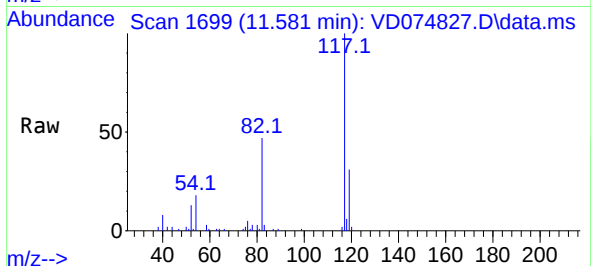




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

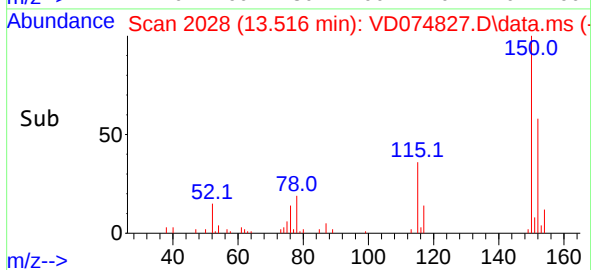
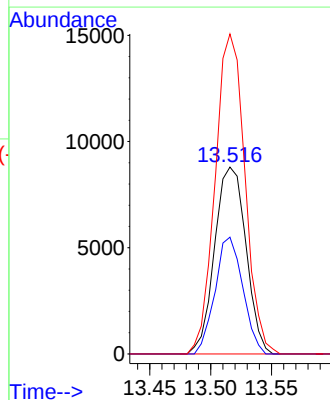
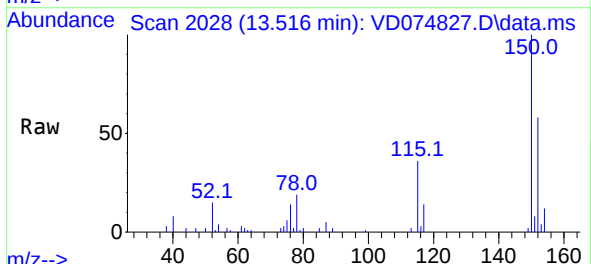
Instrument :
MSVOA_D
ClientSampleId :
HD-2-110722

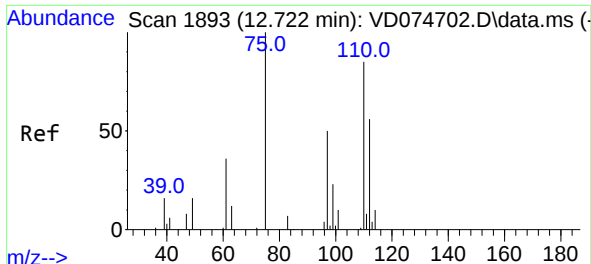
Tgt Ion:	117	Resp:	35764
Ion	Ratio	Lower	Upper
117	100		
82	46.5	41.6	62.4
119	31.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Tgt Ion:	152	Resp:	15750
Ion	Ratio	Lower	Upper
152	100		
115	55.3	26.8	80.4
150	162.8	0.0	348.2

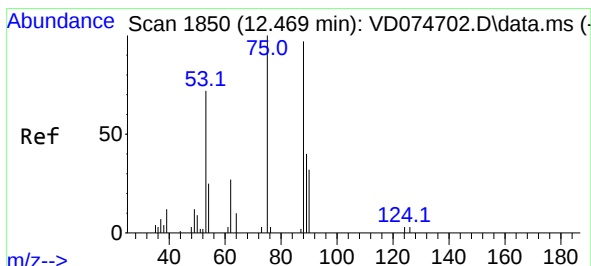
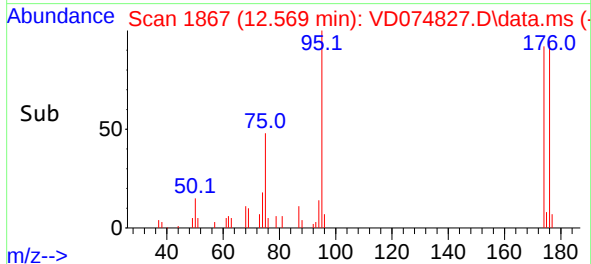
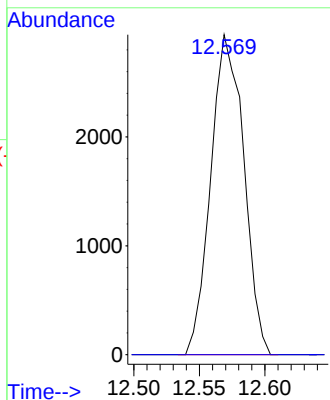
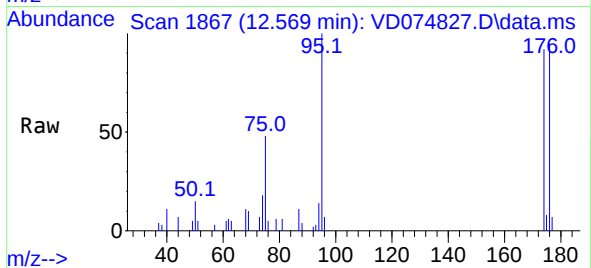




#76
1,2,3-Trichloropropane
Concen: 42.180 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Instrument :
MSVOA_D
ClientSampleId :
HD-2-110722

Tgt Ion: 75 Resp: 5150
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.126 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074827.D
Acq: 09 Nov 2022 14:49

Tgt Ion: 75 Resp: 5150
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

