

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074128.D
 Acq On : 17 Aug 2022 17:06
 Operator : VA/SY
 Sample : N4188-25
 Misc : 10.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S6

Quant Time: Aug 18 03:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

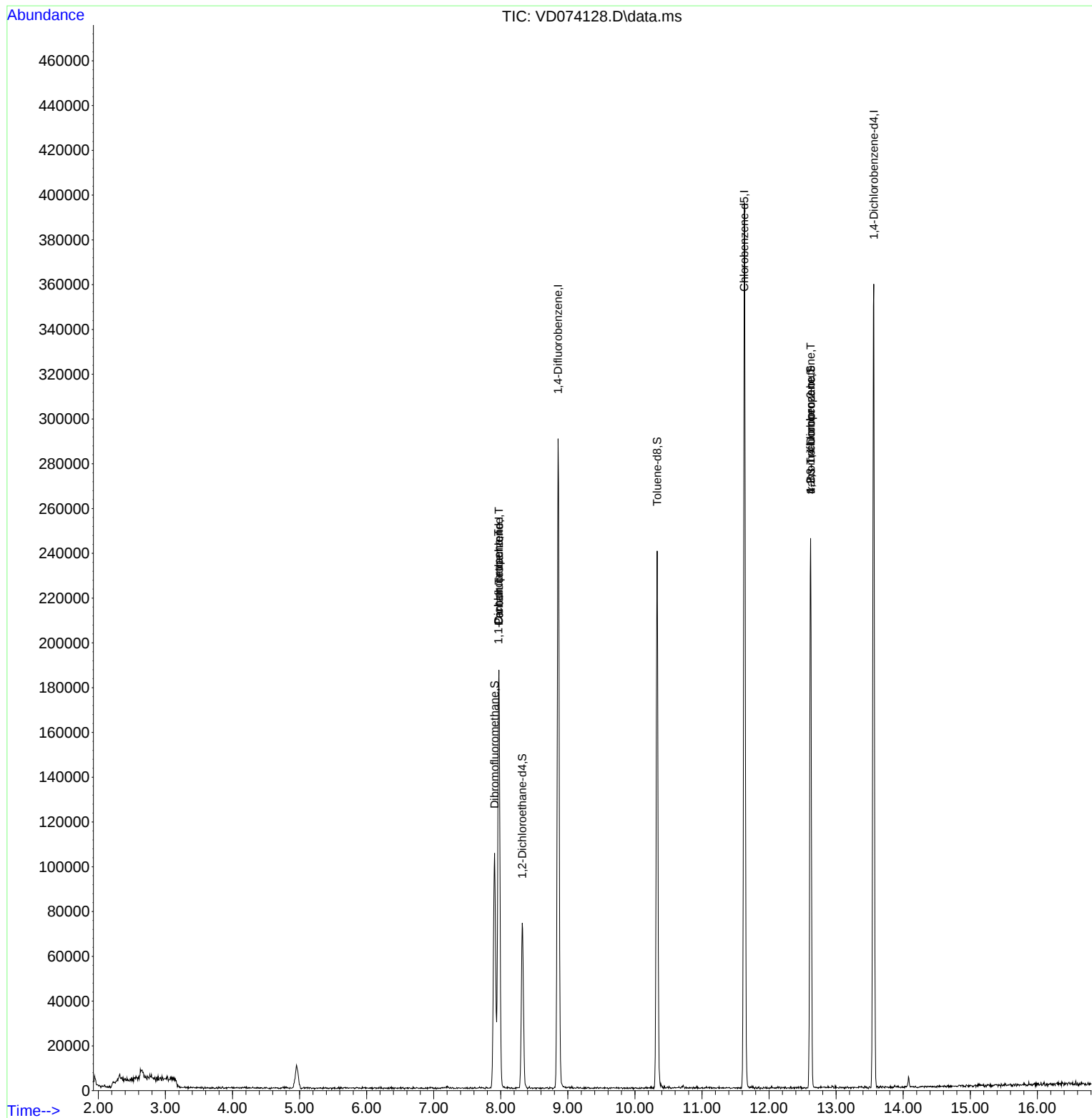
Internal Standards						
1) Pentafluorobenzene	7.973	168	135309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	241717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	220942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	97236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55771	56.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.908	113	73774	47.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.520%	
50) Toluene-d8	10.332	98	161714	34.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 68.960%	
62) 4-Bromofluorobenzene	12.620	95	76148	39.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.640%	
Target Compounds						
						Qvalue
3) Chloromethane	2.203	50	257	Below Cal	#	40
6) Chloroethane	2.820	64	62	Below Cal	#	42
11) Tert butyl alcohol	5.208	59	59	Below Cal	#	74
16) Acetone	4.155	43	357	Below Cal	#	47
18) Methyl Acetate	4.955	43	55	Below Cal	#	55
20) Methylene Chloride	4.961	84	8004	Below Cal	#	73
31) Cyclohexane	7.967	56	3664	Below Cal	#	26
36) 1,1-Dichloropropene	7.967	75	10953	5.200	ug/l #	50
38) Carbon Tetrachloride	7.973	117	14167	5.827	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	40629	46.891	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	40629	130.774	ug/l #	7

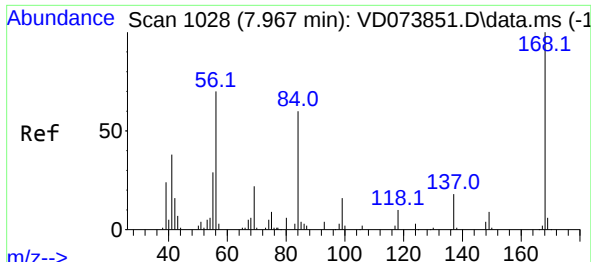
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 2022
Response via : Initial Calibration

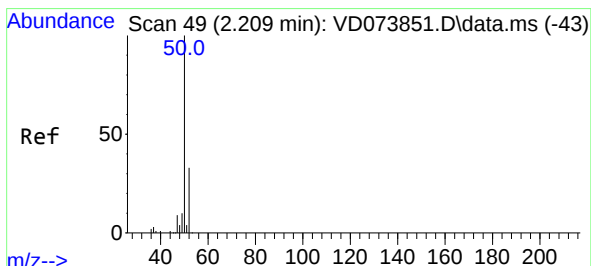
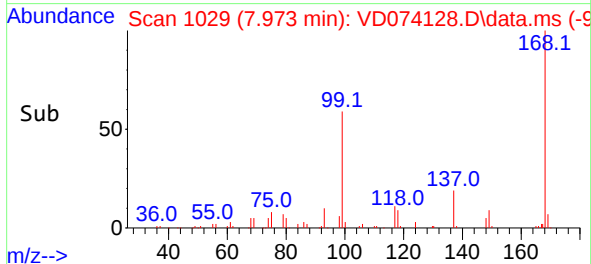
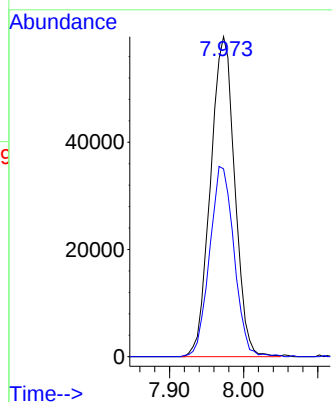
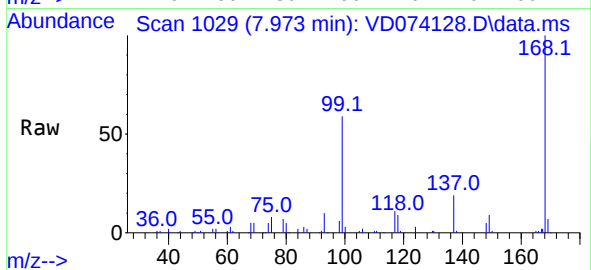




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

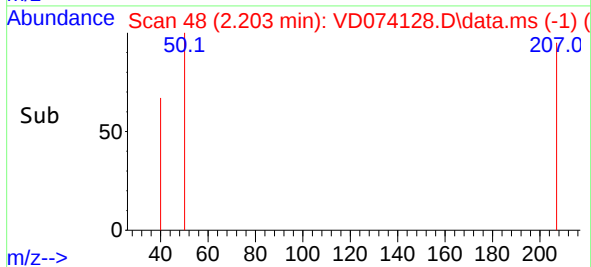
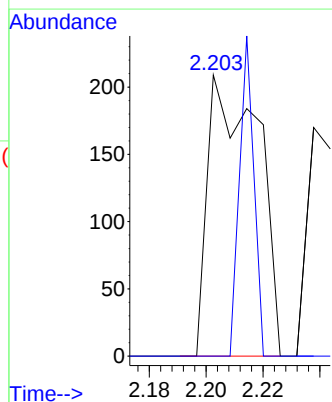
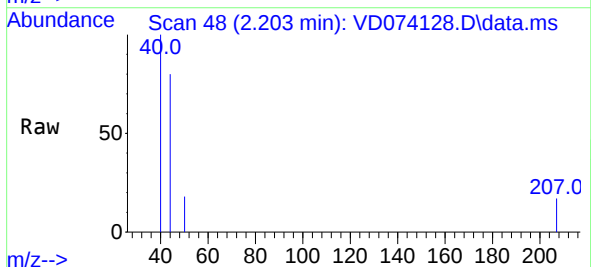
Instrument :
MSVOA_D
ClientSampleId :
S6

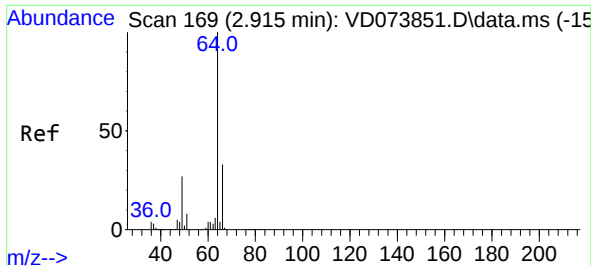
Tgt Ion:168 Resp: 135309
Ion Ratio Lower Upper
168 100
99 58.7 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 50 Resp: 257
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

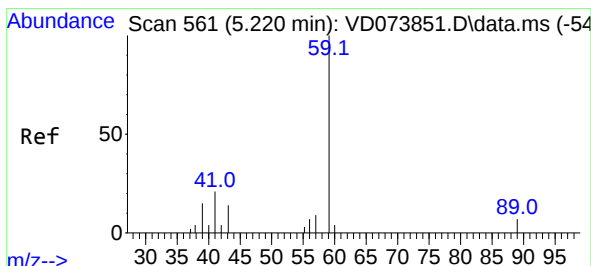
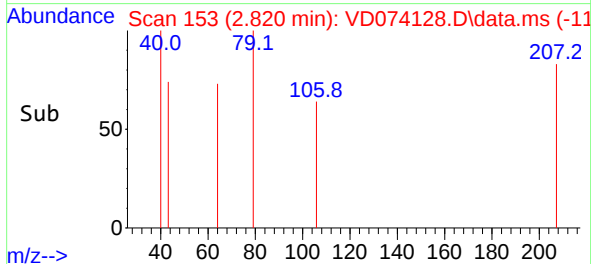
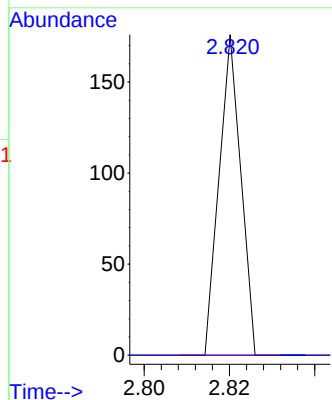
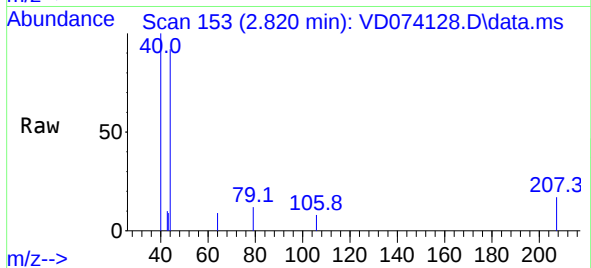




#6
Chloroethane
Concen: Below Cal
RT: 2.820 min Scan# 11
Delta R.T. -0.095 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

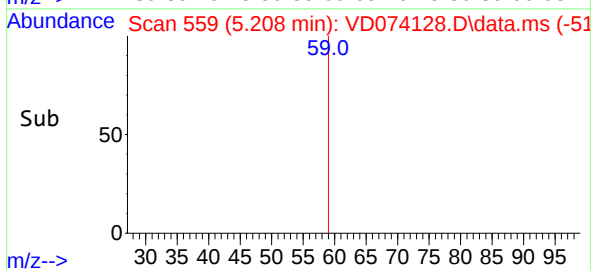
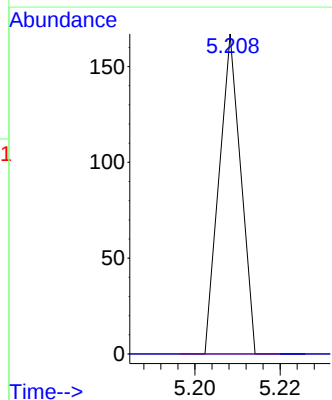
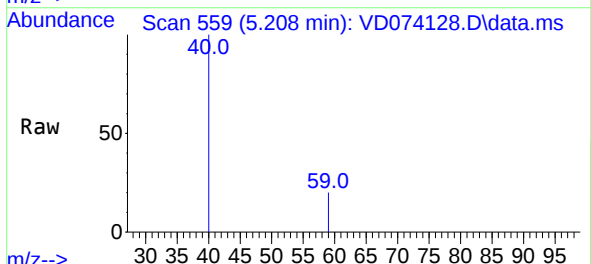
Instrument :
MSVOA_D
ClientSampleId :
S6

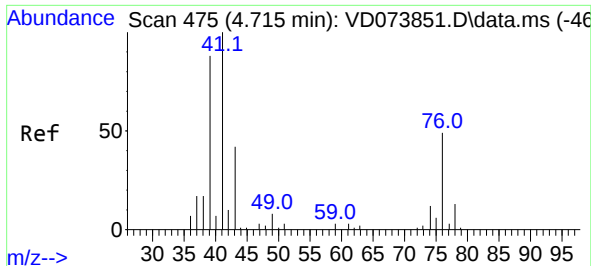
Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

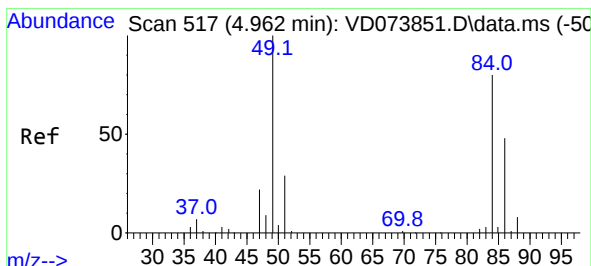
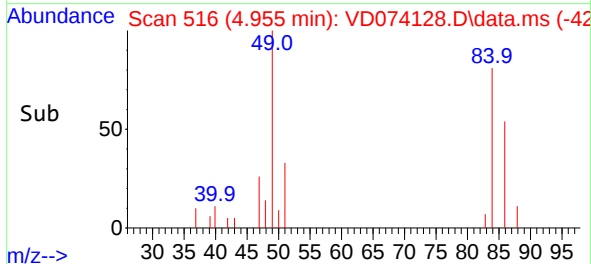
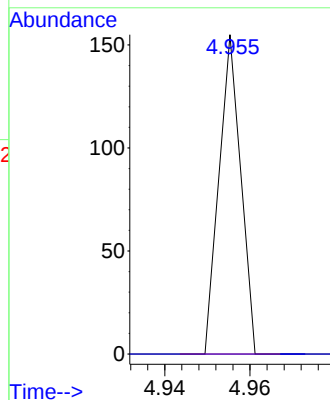
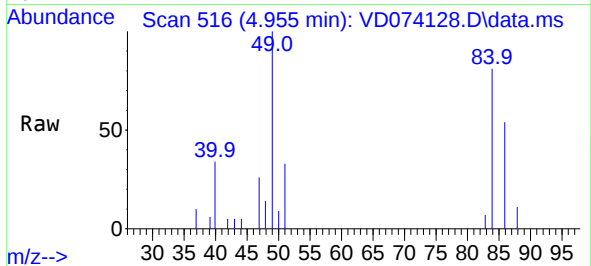




#18
Methyl Acetate
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. 0.240 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

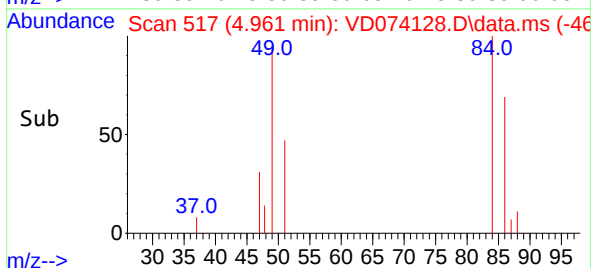
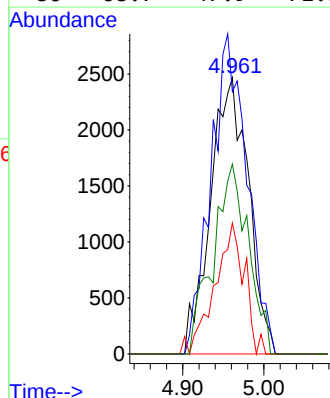
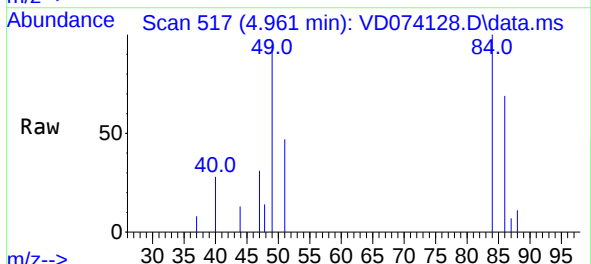
Instrument :
MSVOA_D
ClientSampleId :
S6

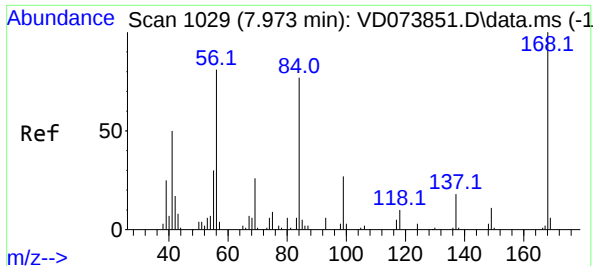
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 84 Resp: 8004
Ion Ratio Lower Upper
84 100
49 94.9 112.8 169.2#
51 47.4 32.6 48.8
86 68.7 47.9 71.9

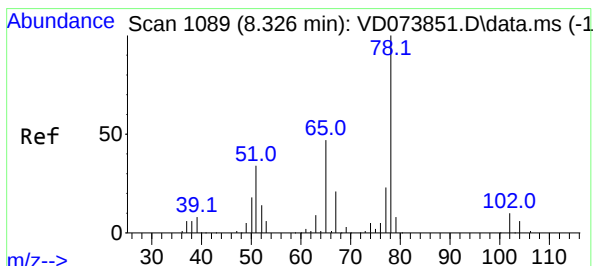
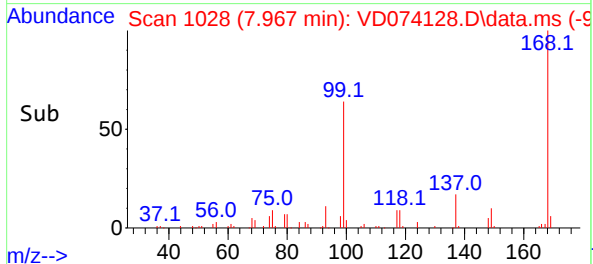
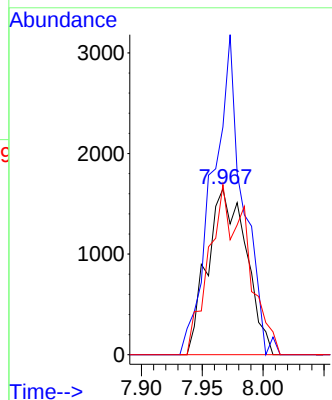
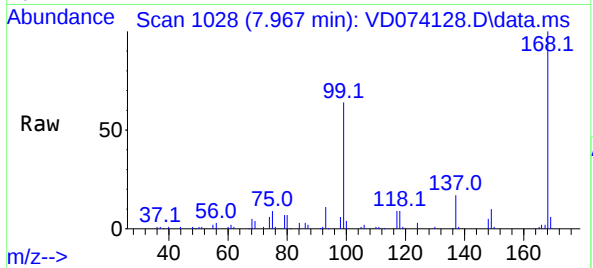




#31
Cyclohexane
Concen: Below Cal
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

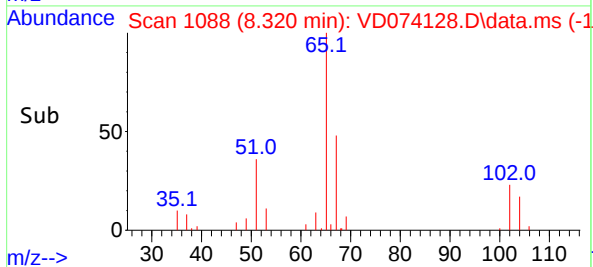
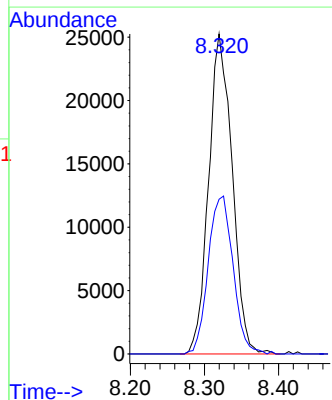
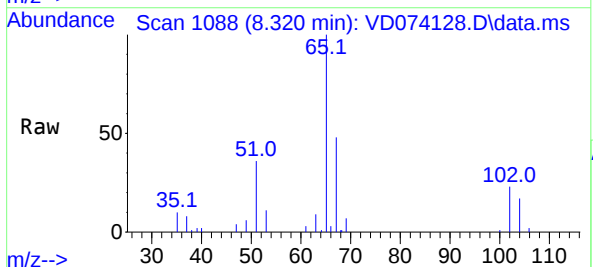
Instrument :
MSVOA_D
ClientSampleId :
S6

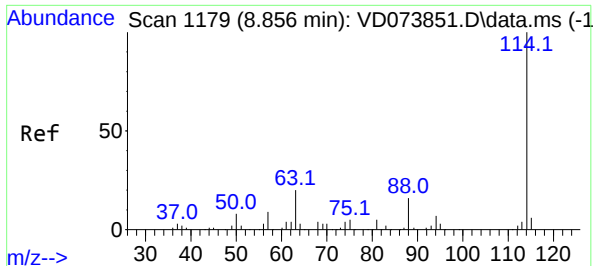
Tgt Ion: 56 Resp: 3664
Ion Ratio Lower Upper
56 100
69 137.4 25.4 38.2#
84 102.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 56.316 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 65 Resp: 55771
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



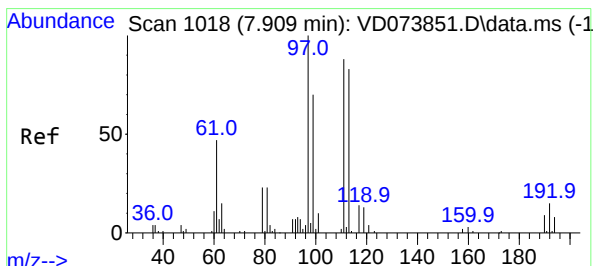
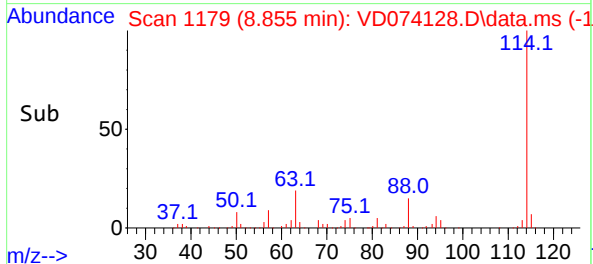
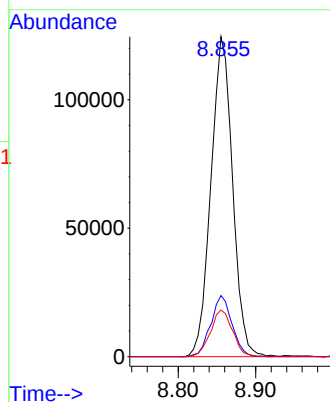
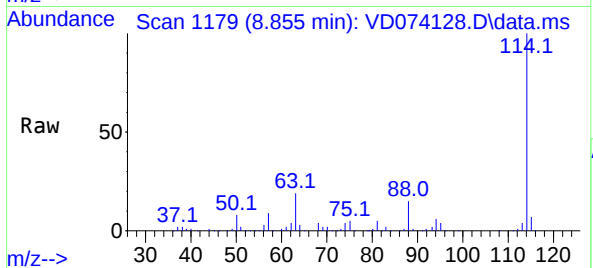


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Instrument :
MSVOA_D
ClientSampleId :
S6

Tgt Ion:114 Resp: 241717

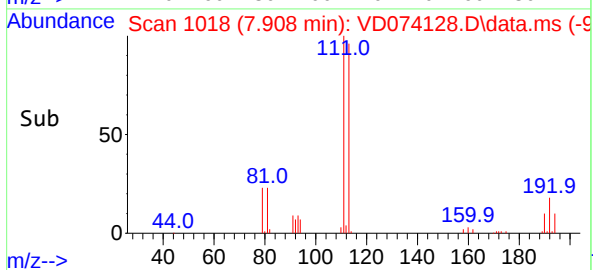
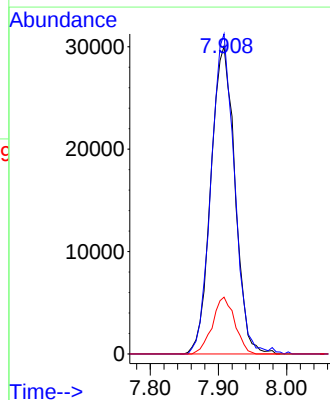
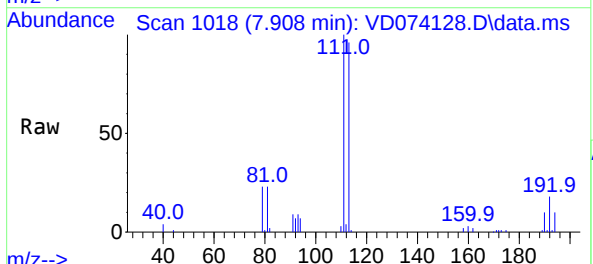
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	46.6
88	14.6	0.0	33.2

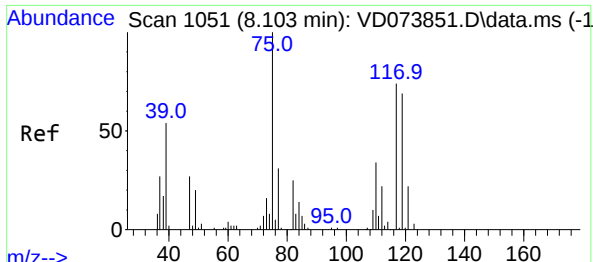


#35
Dibromofluoromethane
Concen: 47.762 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion:113 Resp: 73774

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.8	125.6
192	17.2	14.6	21.8

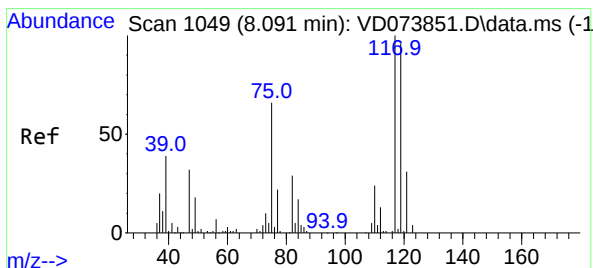
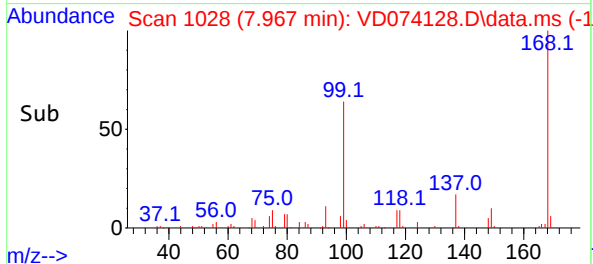
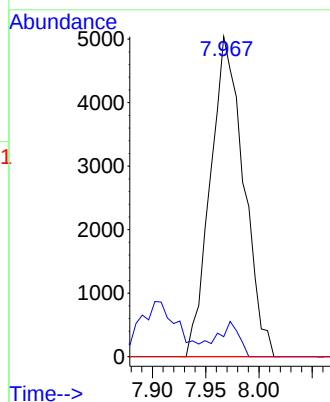
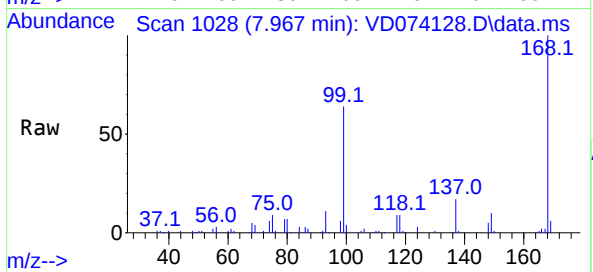




#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

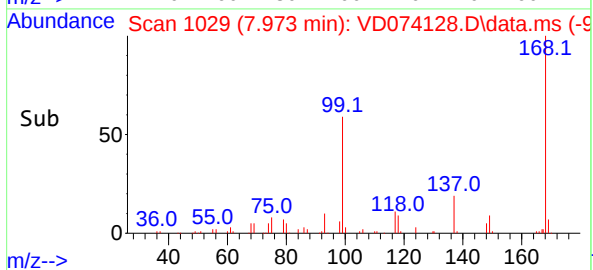
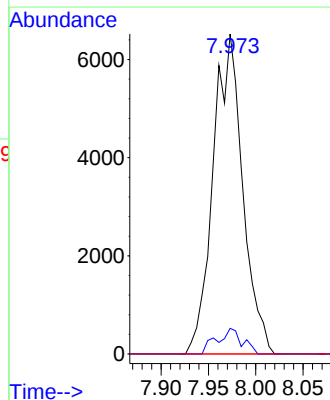
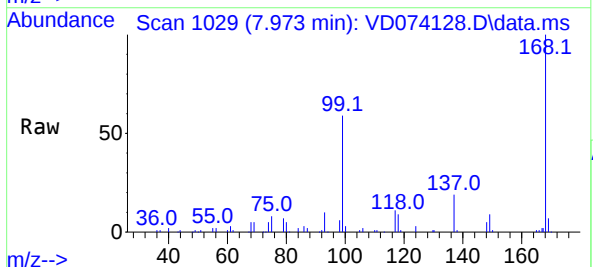
Instrument :
MSVOA_D
ClientSampleId :
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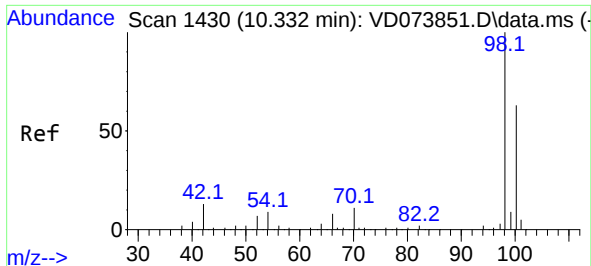
Tgt Ion: 75 Resp: 10953
Ion Ratio Lower Upper
75 100
110 7.5 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 117 Resp: 14167
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.5 36.7#

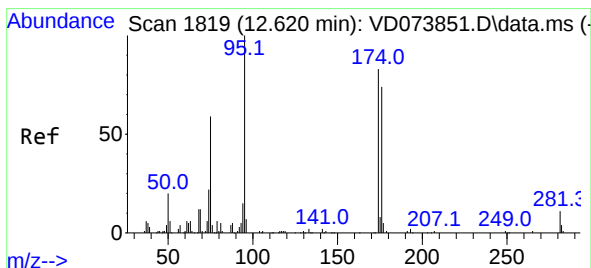
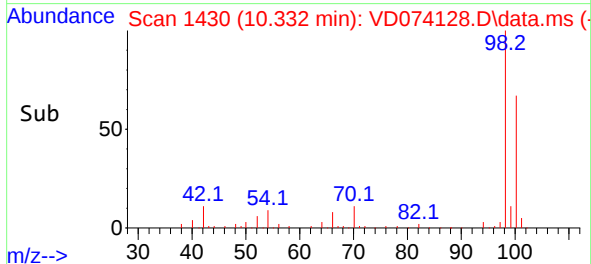
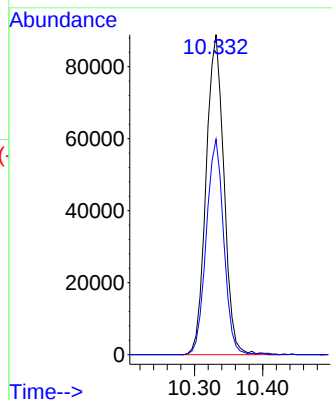
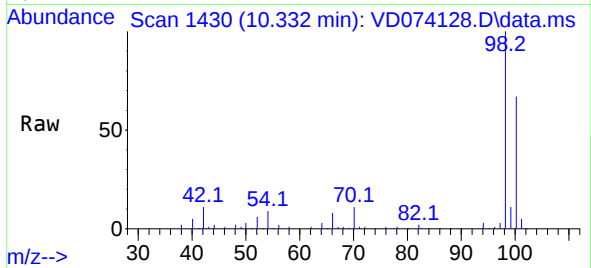




#50
Toluene-d8
Concen: 34.483 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

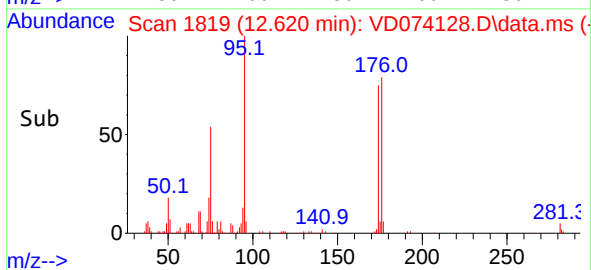
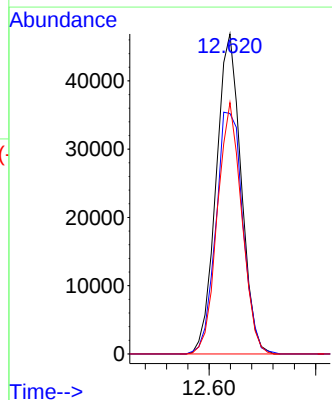
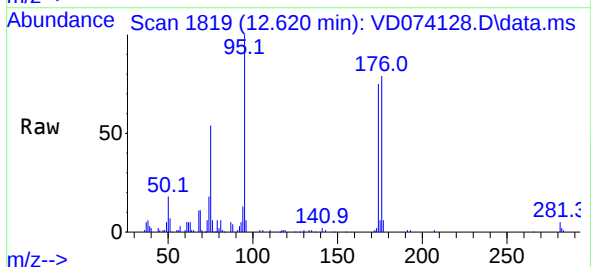
Instrument :
MSVOA_D
ClientSampleId :
S6

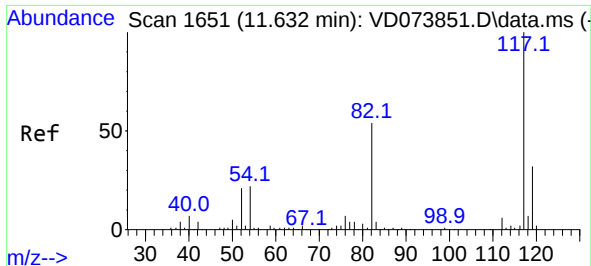
Tgt Ion: 98 Resp: 161714
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.320 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 95 Resp: 76148
Ion Ratio Lower Upper
95 100
174 81.9 0.0 152.8
176 76.6 0.0 145.4

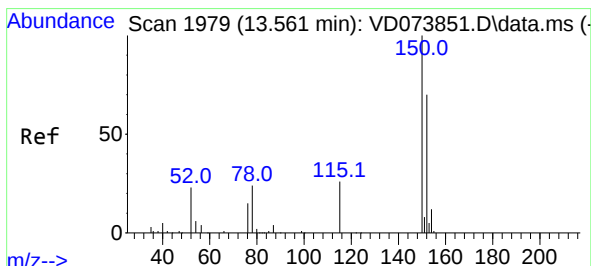
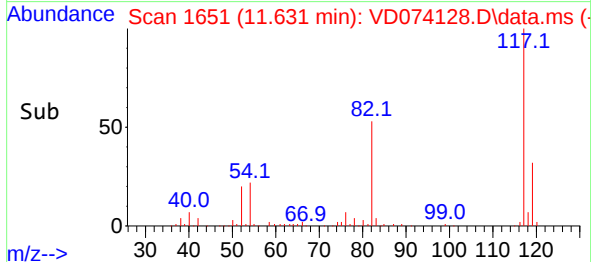
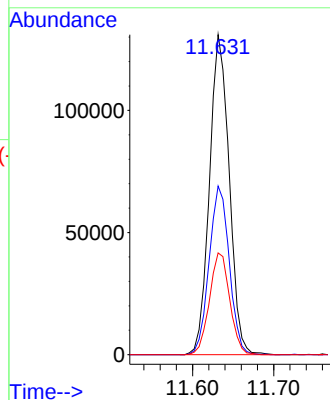
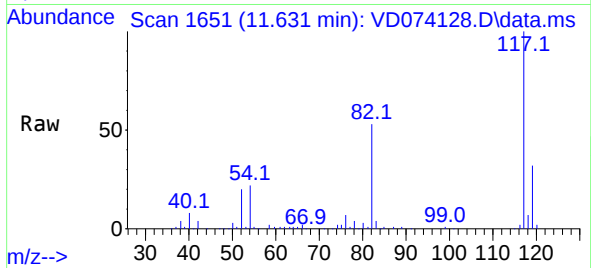




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

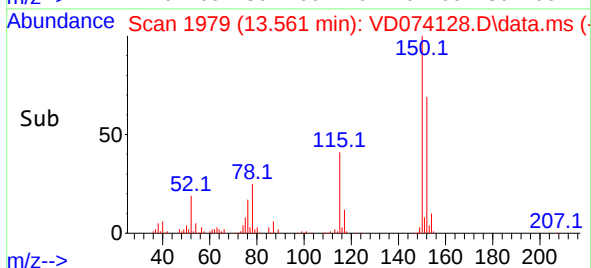
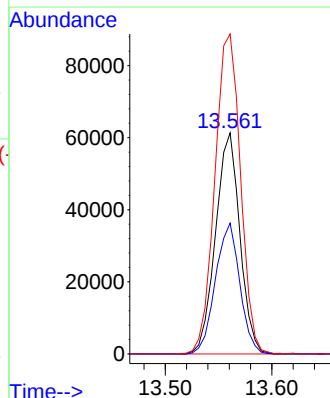
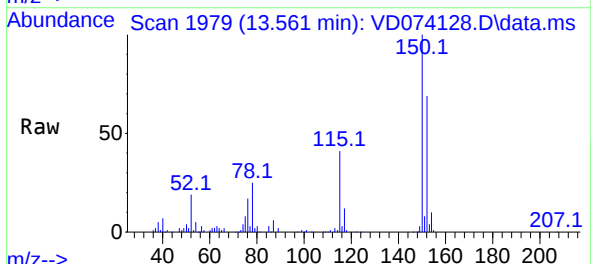
Instrument :
MSVOA_D
ClientSampleId :
S6

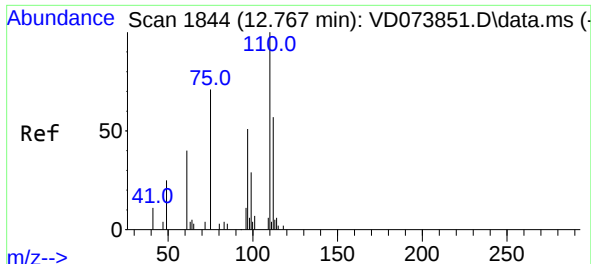
Tgt Ion:117 Resp: 220942
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion:152 Resp: 97236
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 152.4 0.0 348.6

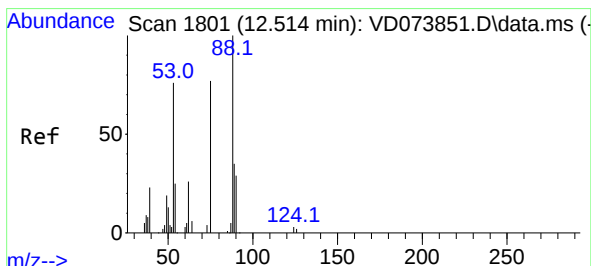
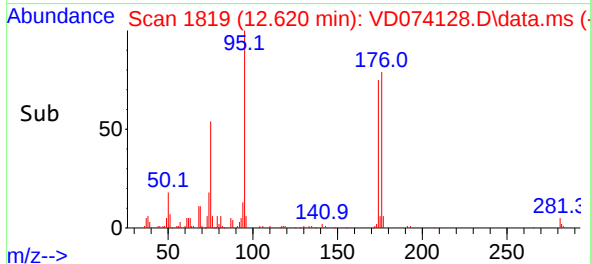
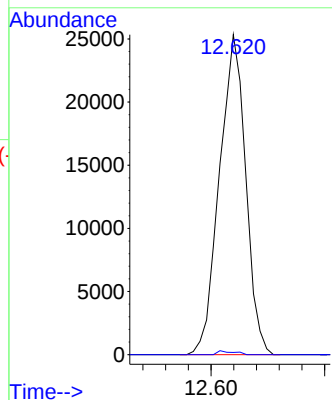
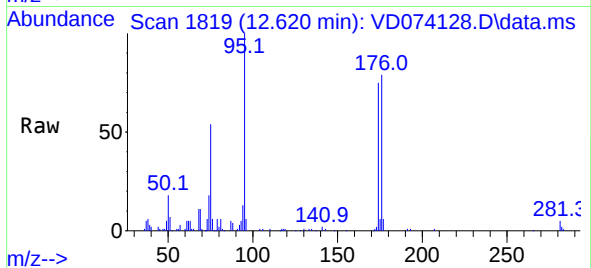




#76
1,2,3-Trichloropropane
Concen: 46.891 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Instrument :
MSVOA_D
ClientSampleId :
S6

Tgt Ion: 75 Resp: 40629
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.774 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074128.D
Acq: 17 Aug 2022 17:06

Tgt Ion: 75 Resp: 40629
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

