

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073870.D
 Acq On : 19 Jul 2022 19:44
 Operator : VA/SY
 Sample : N3720-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIDGEFIELD-M&R-SP

Quant Time: Jul 20 01:23:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

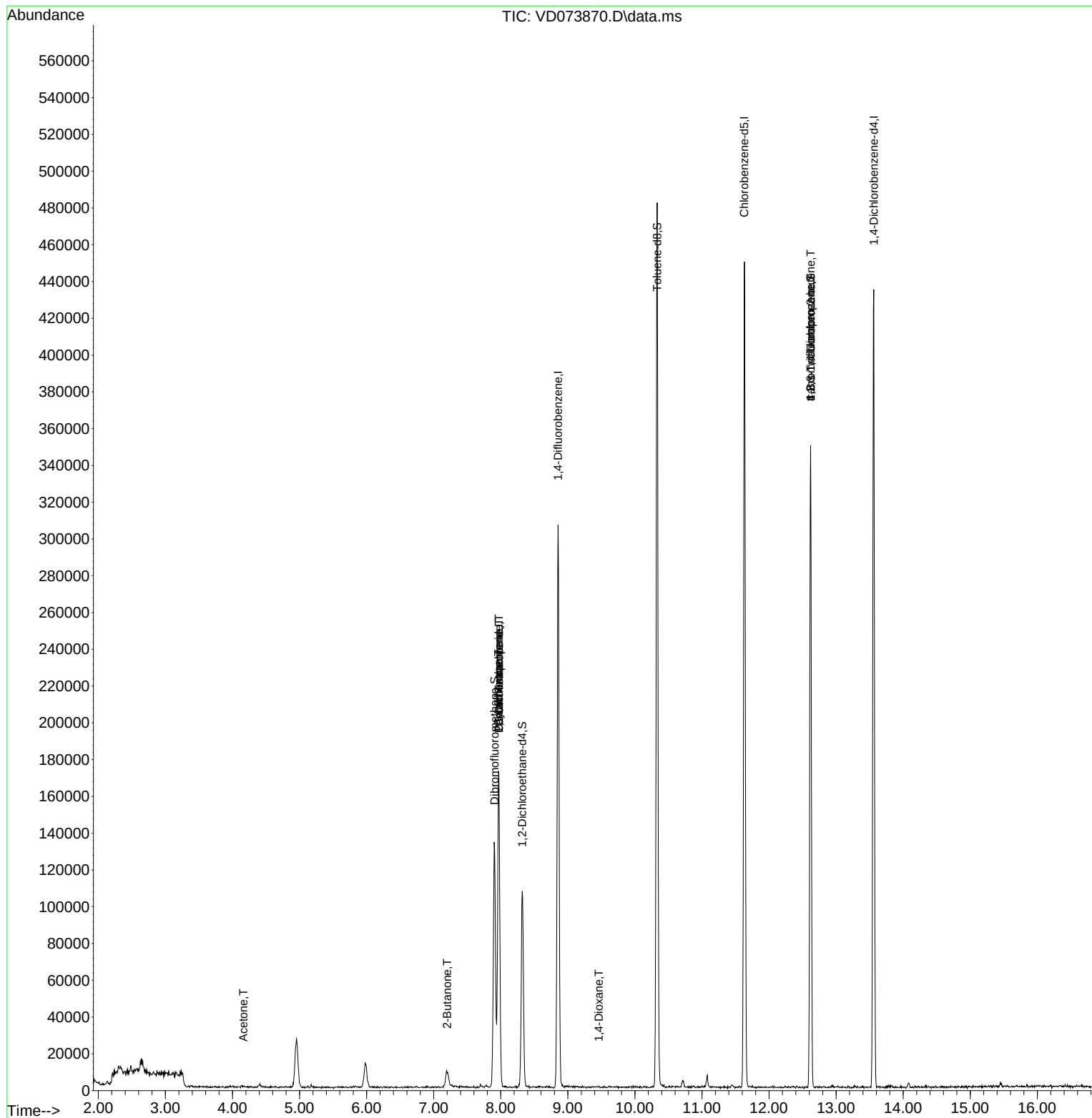
Internal Standards						
1) Pentafluorobenzene	7.973	168	119879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	253863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	247259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	114384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	84898	59.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.620%
35) Dibromofluoromethane	7.908	113	90875	50.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.331	98	320580	49.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.620	95	111503	49.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.760%
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	487	Below Cal	#	56
3) Chloromethane	2.202	50	2378	Below Cal	#	85
11) Tert butyl alcohol	5.226	59	123	Below Cal	#	74
16) Acetone	4.161	43	1363	5.803	ug/l #	47
18) Methyl Acetate	4.726	43	107	Below Cal	#	55
25) 2-Butanone	7.202	43	915	2.744	ug/l #	52
31) Cyclohexane	7.967	56	3172	1.395	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	11145	4.314	ug/l #	53
38) Carbon Tetrachloride	7.973	117	13007	4.408	ug/l #	16
49) 1,4-Dioxane	9.461	88	55	5.100	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	61575	50.171	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	61575	135.384	ug/l #	7

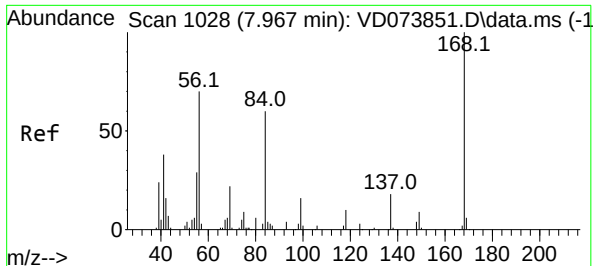
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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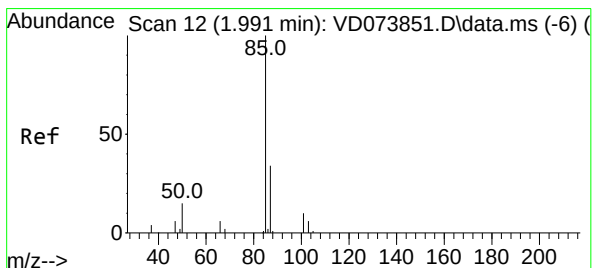
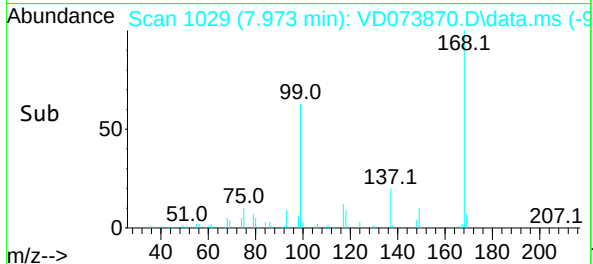
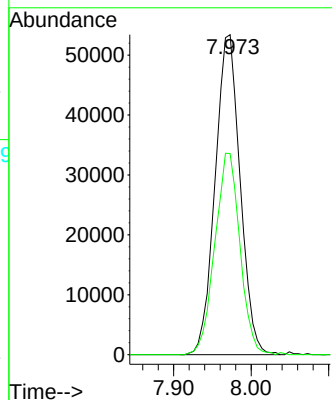
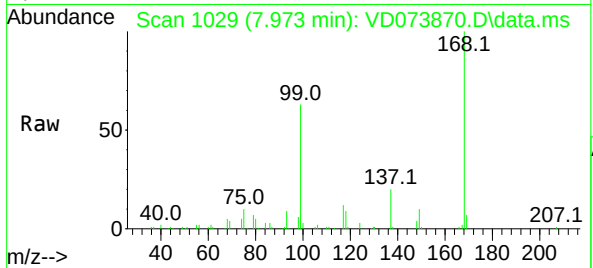




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

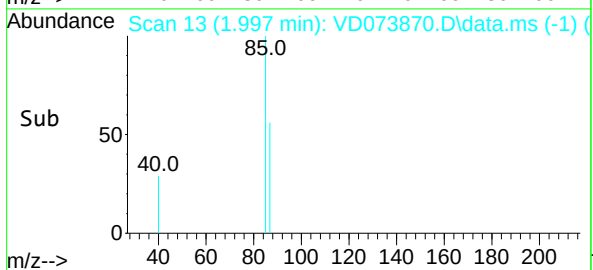
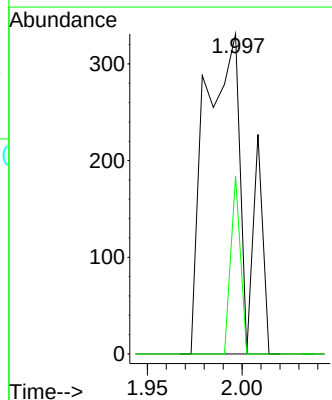
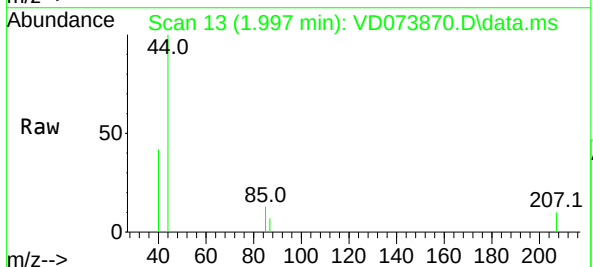
Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

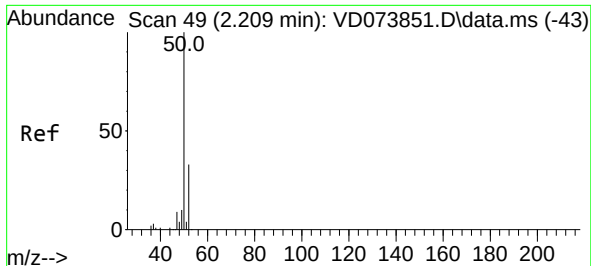
Tgt Ion:168 Resp: 119879
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 85 Resp: 487
Ion Ratio Lower Upper
85 100
87 55.6 15.7 47.0#

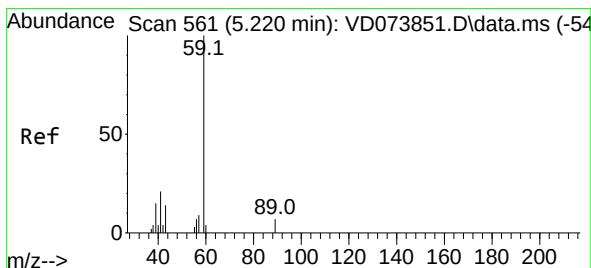
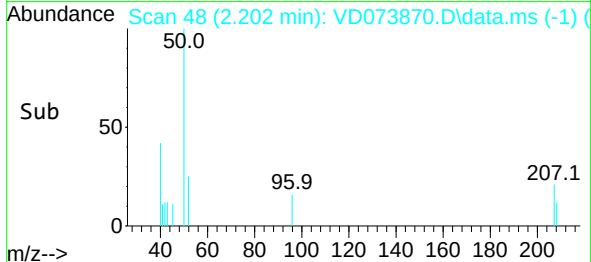
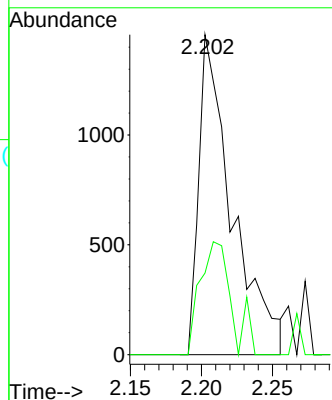
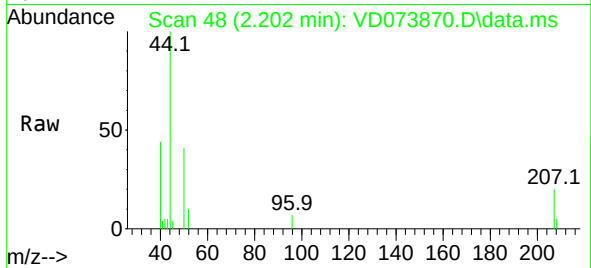




#3
Chloromethane
Concen: Below Cal
RT: 2.202 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

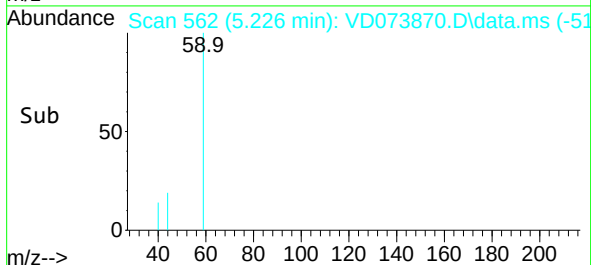
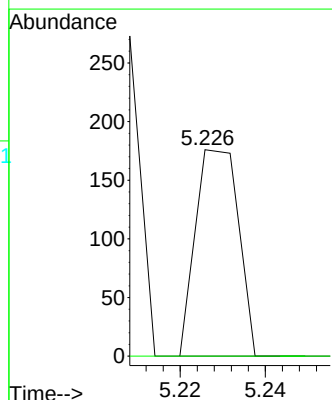
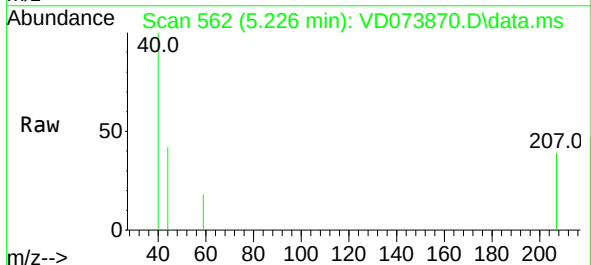
Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

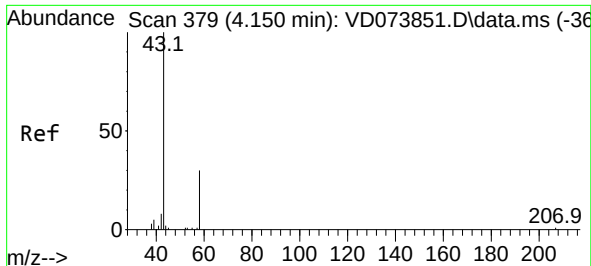
Tgt Ion: 50 Resp: 2378
Ion Ratio Lower Upper
50 100
52 25.5 27.4 41.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

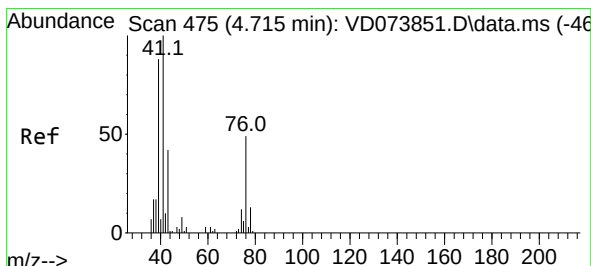
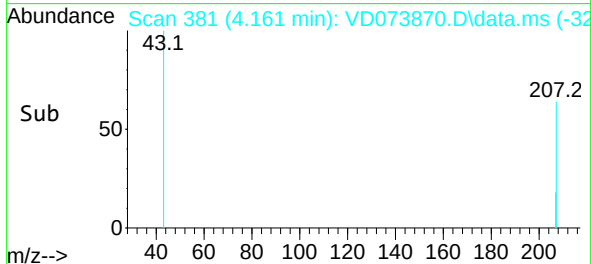
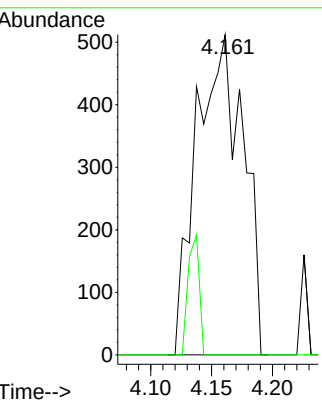
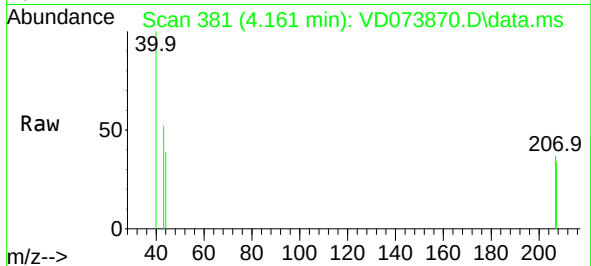




#16
Acetone
Concen: 5.803 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

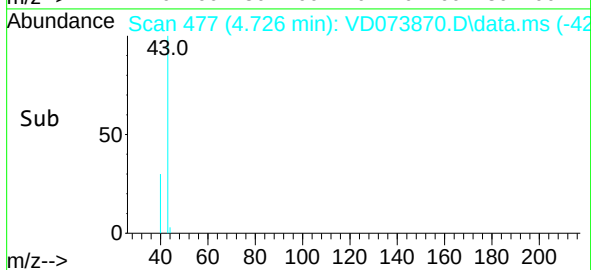
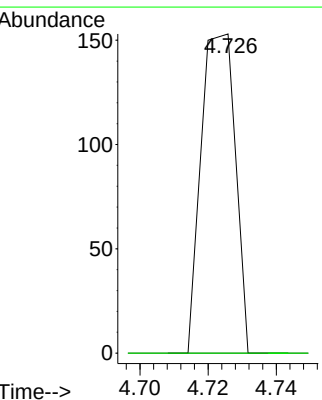
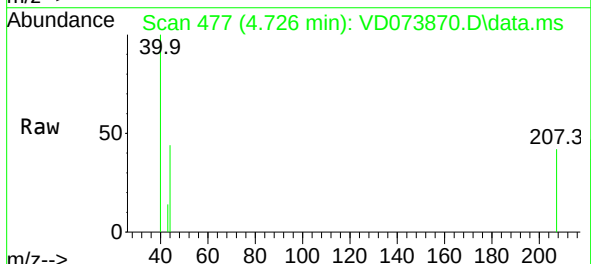
Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

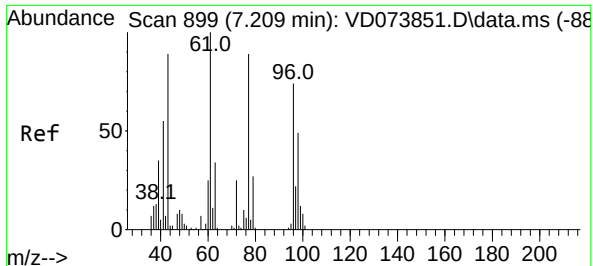
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

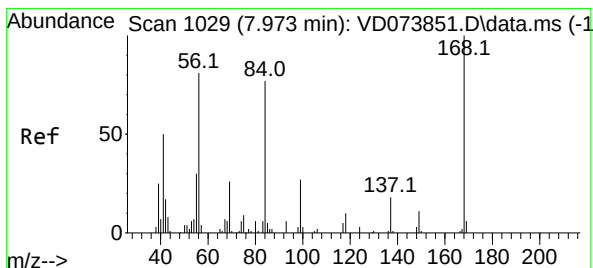
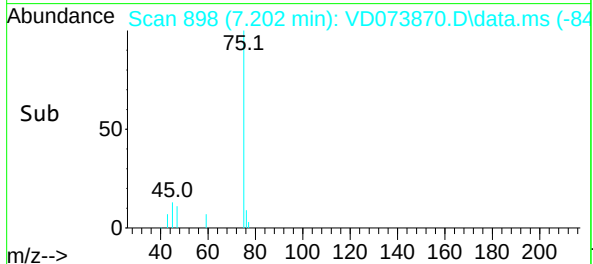
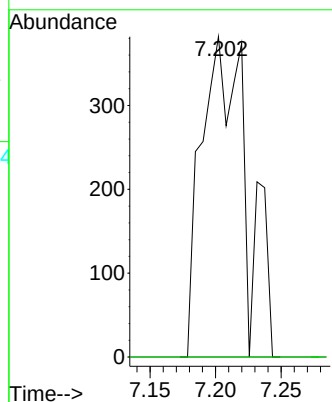
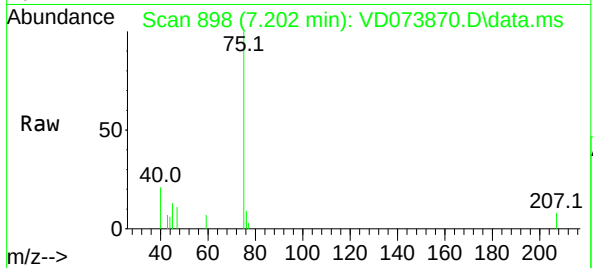




#25
2-Butanone
Concen: 2.744 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

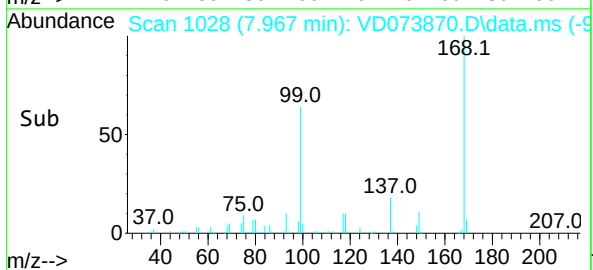
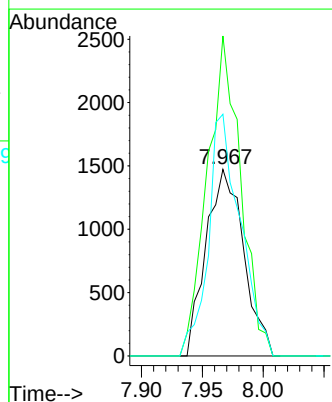
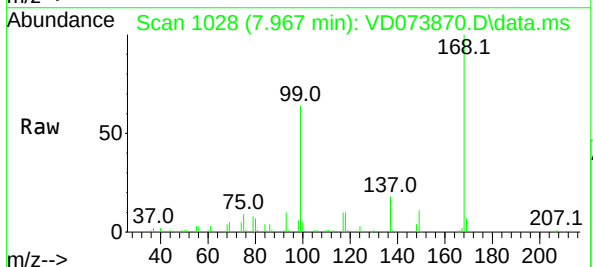
Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

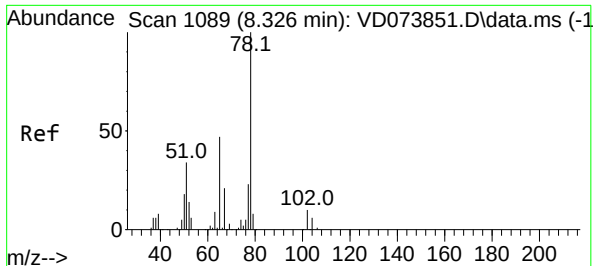
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 56 Resp: 3172
Ion Ratio Lower Upper
56 100
69 171.5 25.4 38.2#
84 129.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 59.307 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073870.D

Acq: 19 Jul 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

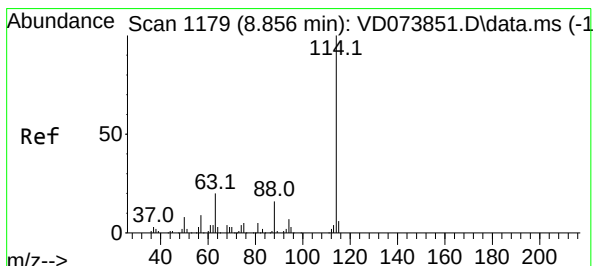
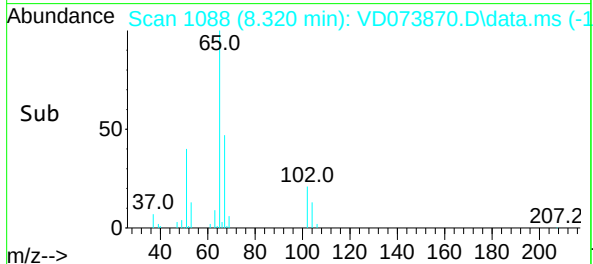
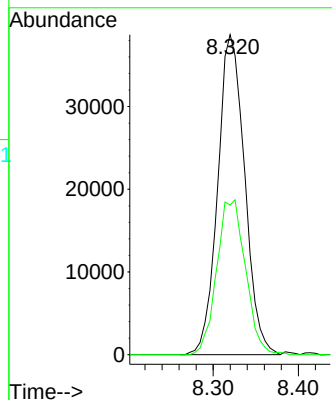
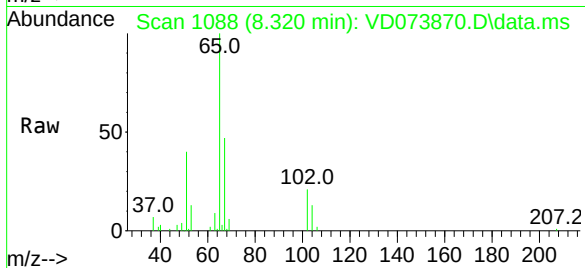
RIDGEFIELD-M&R-SP

Tgt Ion: 65 Resp: 84898

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.001 min

Lab File: VD073870.D

Acq: 19 Jul 2022 19:44

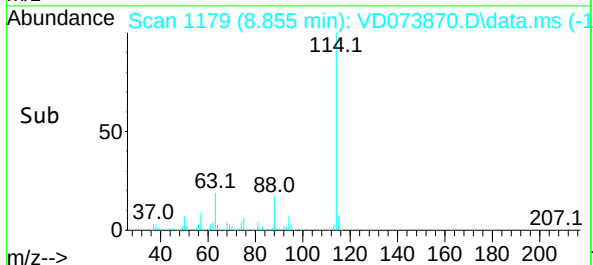
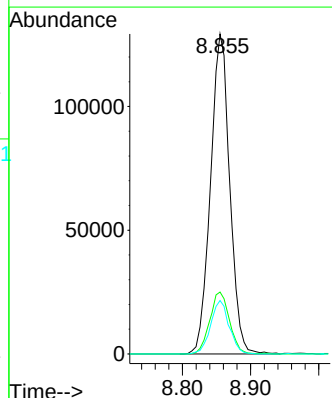
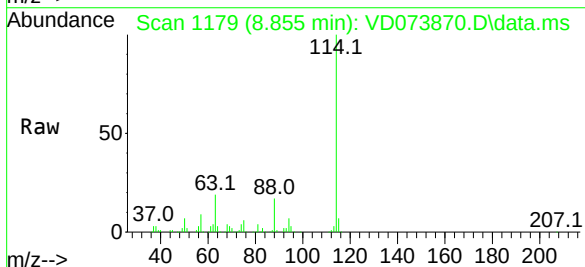
Tgt Ion: 114 Resp: 253863

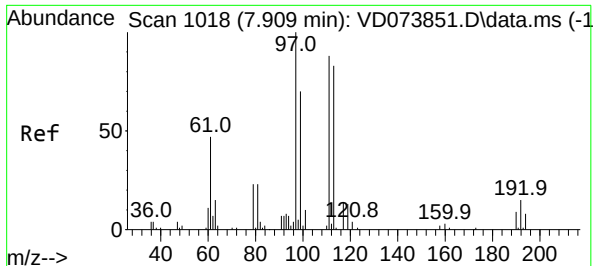
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.741 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073870.D

Acq: 19 Jul 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

RIDGEFIELD-M&R-SP

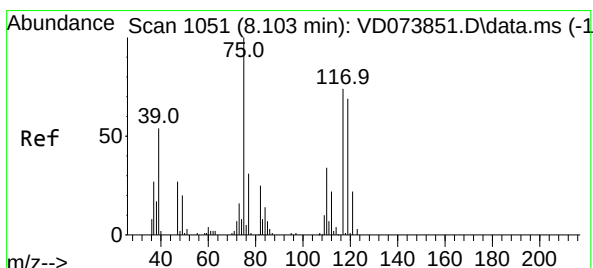
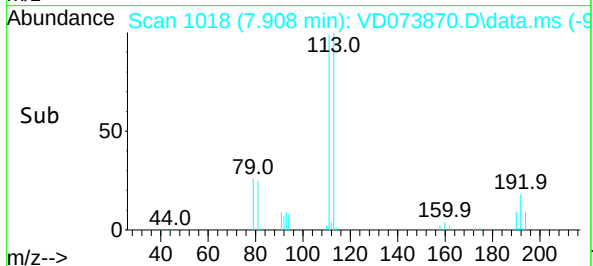
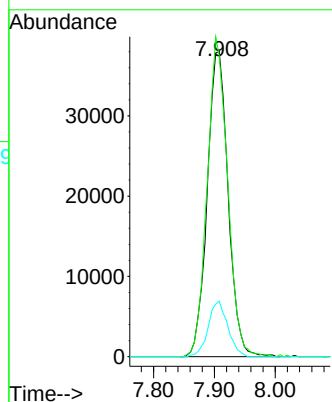
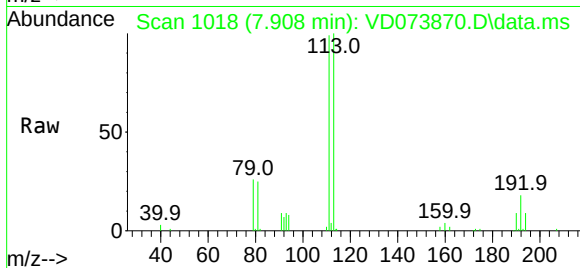
Tgt Ion:113 Resp: 90875

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.314 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073870.D

Acq: 19 Jul 2022 19:44

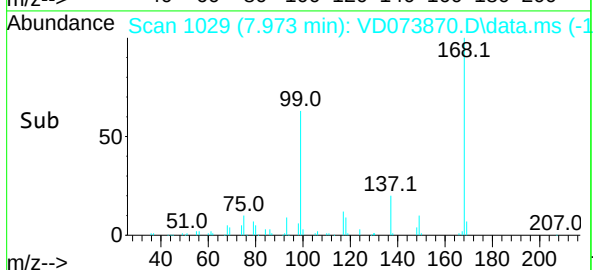
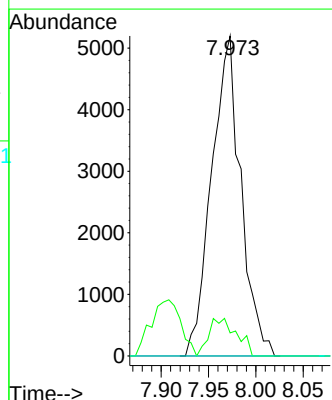
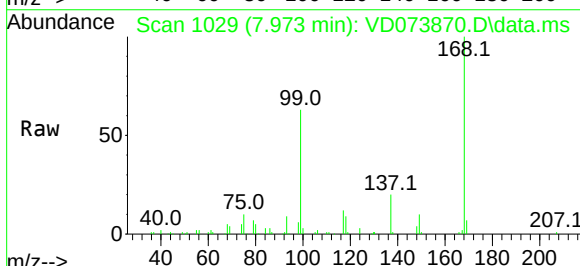
Tgt Ion: 75 Resp: 11145

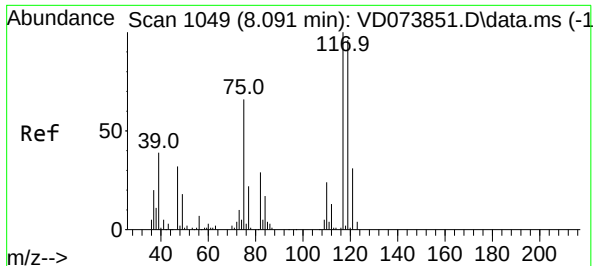
Ion Ratio Lower Upper

75 100

110 11.1 16.4 49.1#

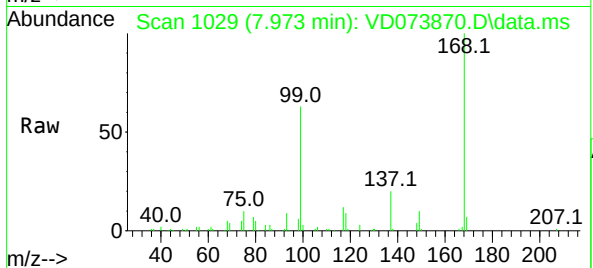
77 0.0 24.2 36.2#



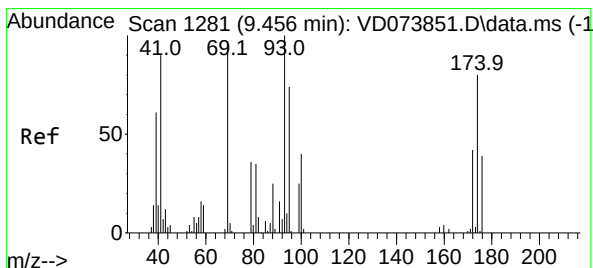
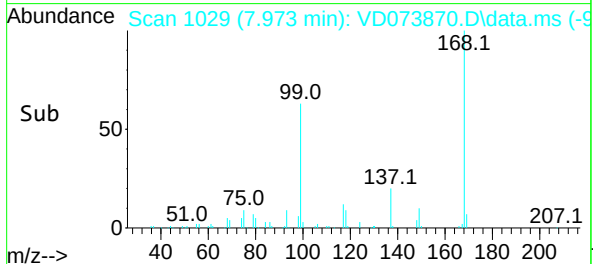
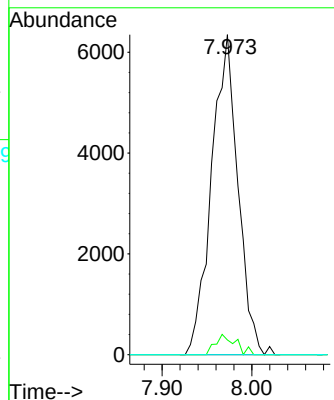


#38
Carbon Tetrachloride
Concen: 4.408 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

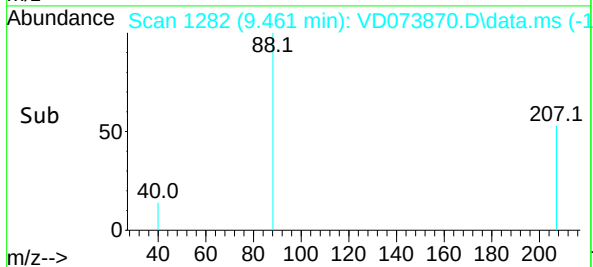
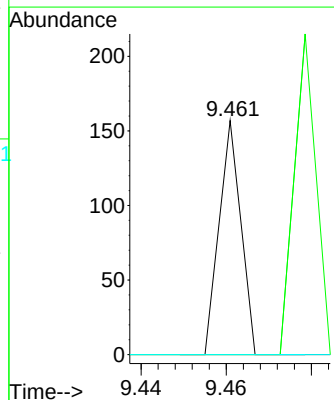
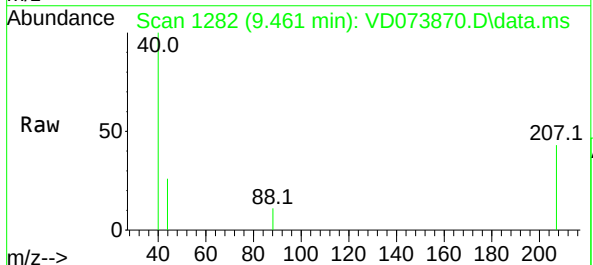


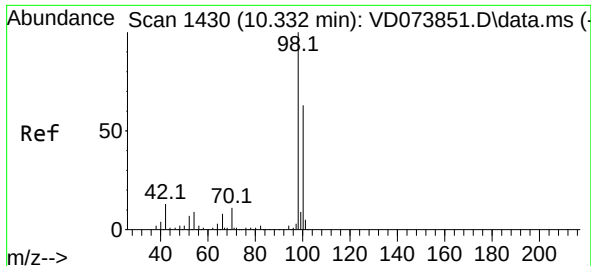
Tgt Ion:117 Resp: 13007
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 5.100 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.005 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 138.2 31.0 46.4#
58 0.0 58.1 87.1#

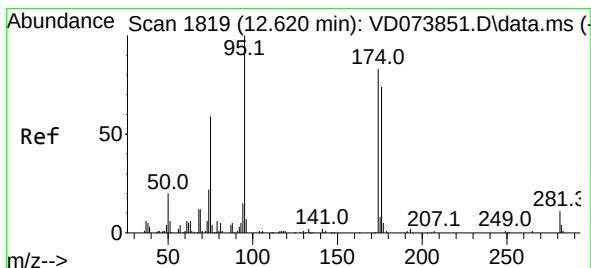
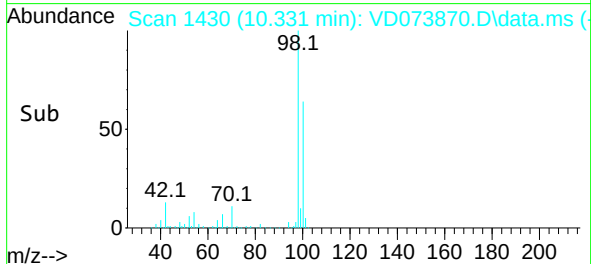
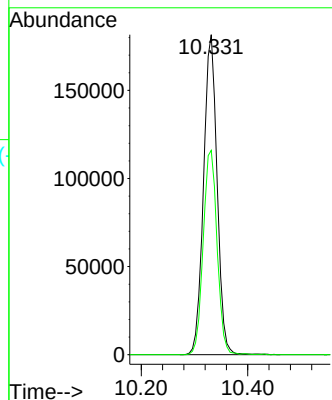
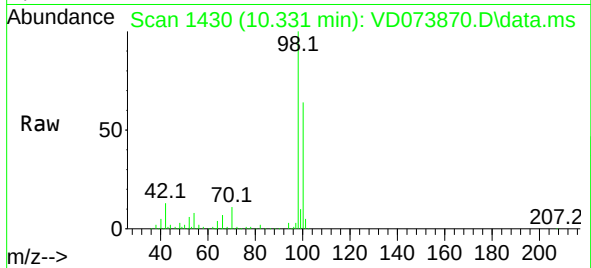




#50
Toluene-d8
Concen: 49.308 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

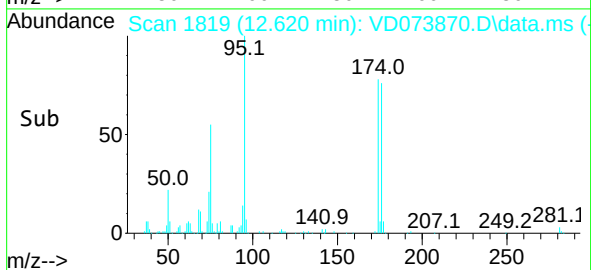
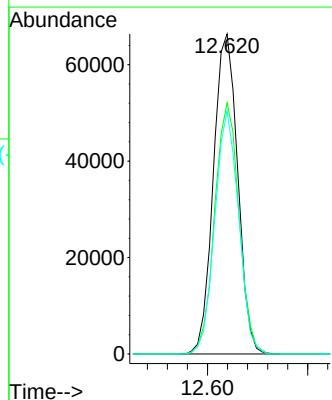
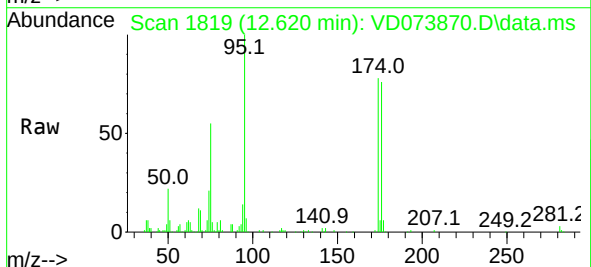
Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

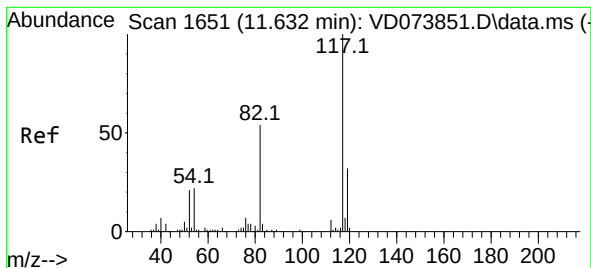
Tgt Ion: 98 Resp: 320580
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.881 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 95 Resp: 111503
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.631 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073870.D

Acq: 19 Jul 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

RIDGEFIELD-M&R-SP

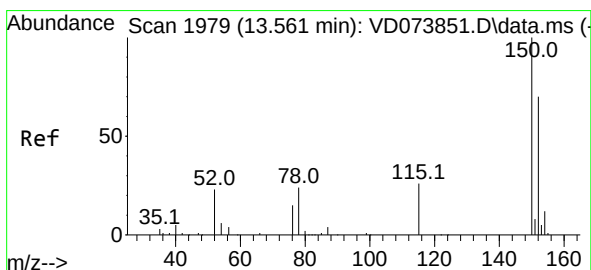
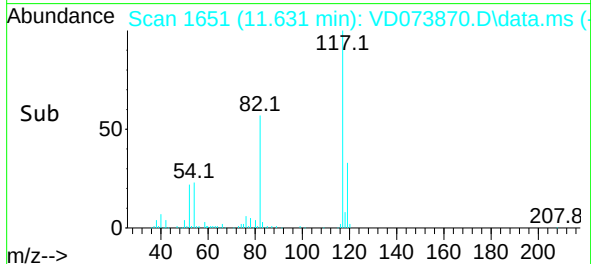
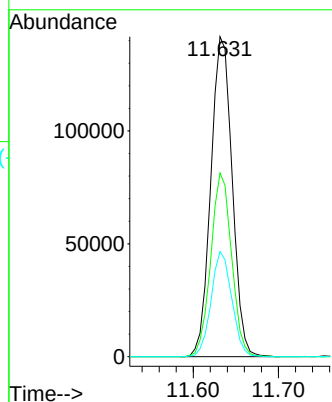
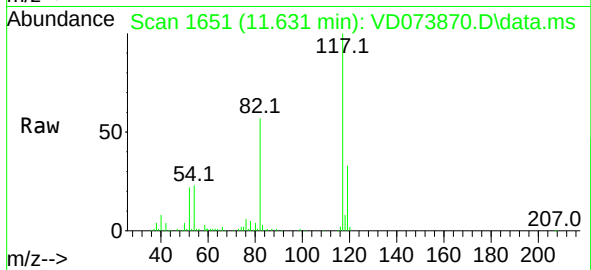
Tgt Ion:117 Resp: 247259

Ion Ratio Lower Upper

117 100

82 57.4 45.3 67.9

119 32.9 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.001 min

Lab File: VD073870.D

Acq: 19 Jul 2022 19:44

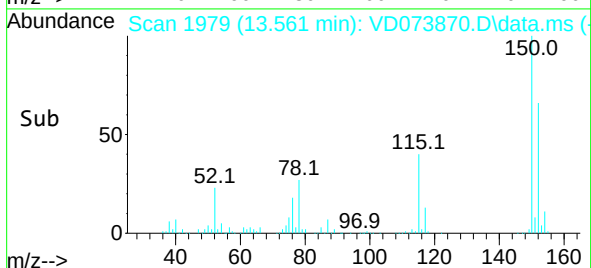
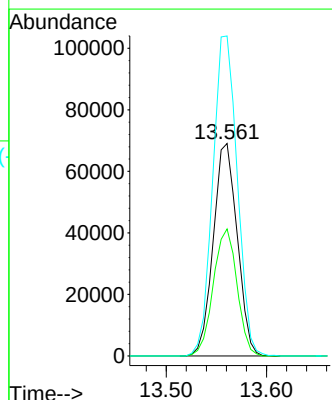
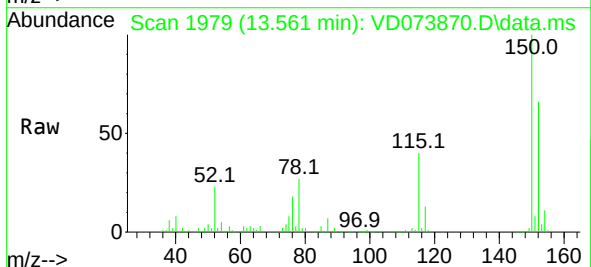
Tgt Ion:152 Resp: 114384

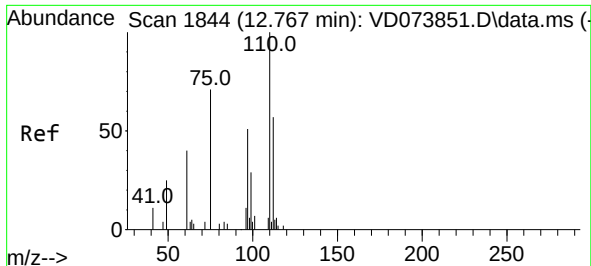
Ion Ratio Lower Upper

152 100

115 59.3 31.3 93.8

150 153.8 0.0 348.6

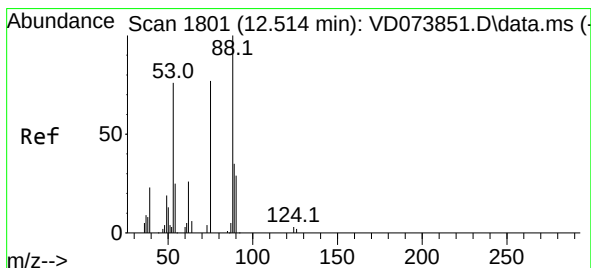
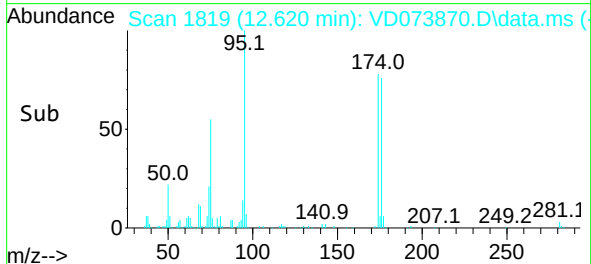
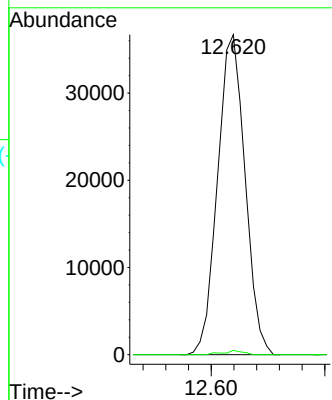
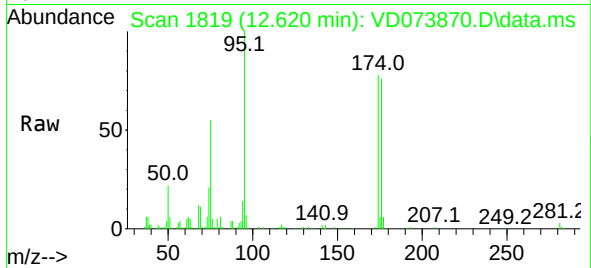




#76
1,2,3-Trichloropropane
Concen: 50.171 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.148 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
RIDGEFIELD-M&R-SP

Tgt Ion: 75 Resp: 61575
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.384 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.105 min
Lab File: VD073870.D
Acq: 19 Jul 2022 19:44

Tgt Ion: 75 Resp: 61575
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

