

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073878.D
 Acq On : 20 Jul 2022 13:59
 Operator : VA/SY
 Sample : N3747-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-071522

Quant Time: Jul 20 16:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

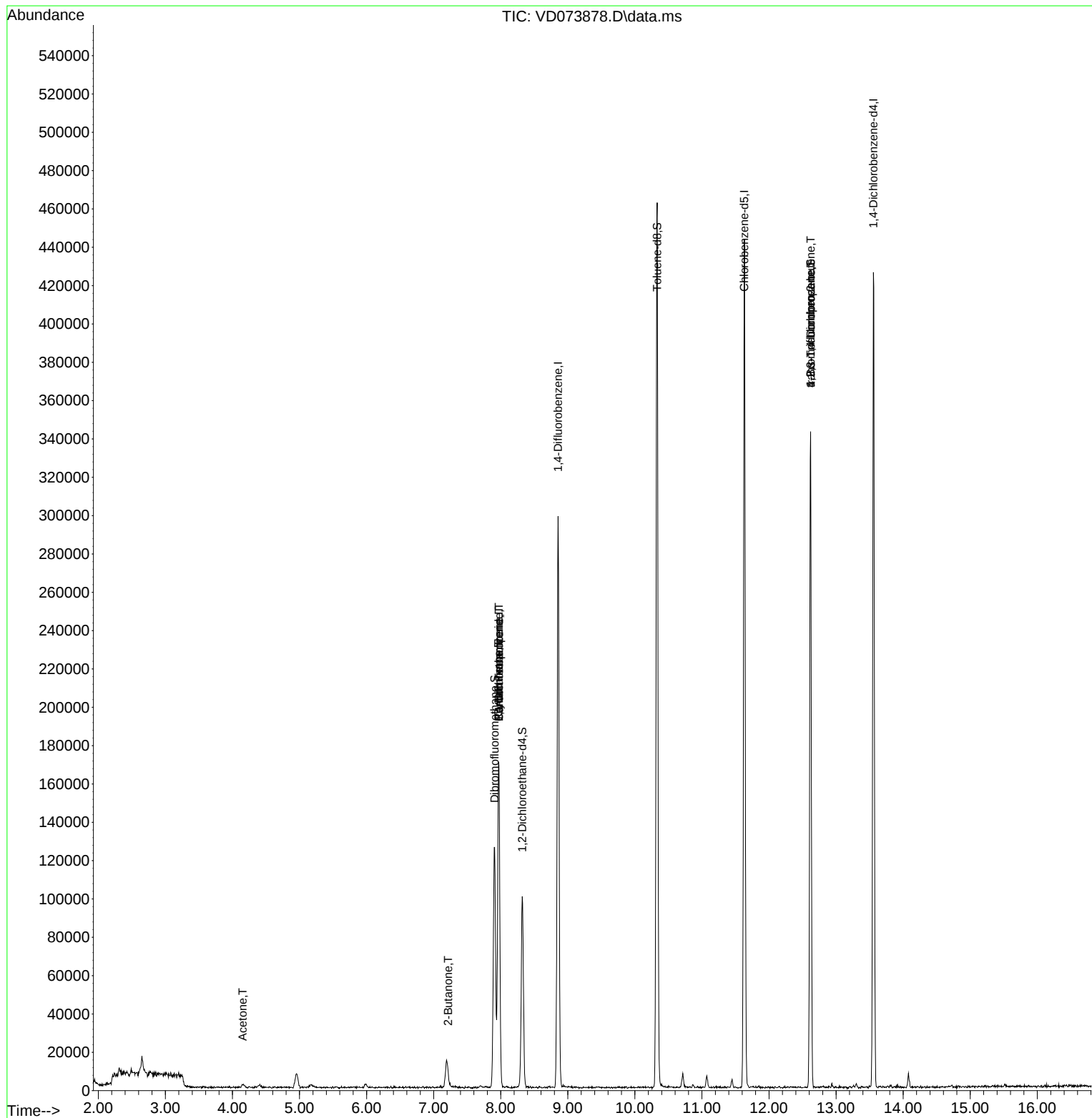
Internal Standards						
1) Pentafluorobenzene	7.973	168	124133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	247570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	243894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	108697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79995	53.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.940%	
35) Dibromofluoromethane	7.909	113	89846	51.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.332	98	314965	49.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.620	95	108045	49.563	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	218	Below Cal	#	43
3) Chloromethane	2.203	50	1414	Below Cal		97
11) Tert butyl alcohol	5.220	59	455	Below Cal	#	74
16) Acetone	4.150	43	2948	12.120	ug/l	100
18) Methyl Acetate	4.709	43	54	Below Cal	#	55
20) Methylene Chloride	4.950	84	6125	Below Cal	#	77
25) 2-Butanone	7.214	43	752	2.178	ug/l #	52
31) Cyclohexane	7.967	56	3336	1.416	ug/l #	16
36) 1,1-Dichloropropene	7.973	75	10499	4.167	ug/l #	47
38) Carbon Tetrachloride	7.973	117	13929	4.841	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	58584	50.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	58584	135.547	ug/l #	7

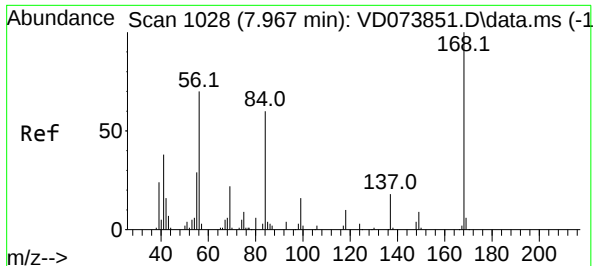
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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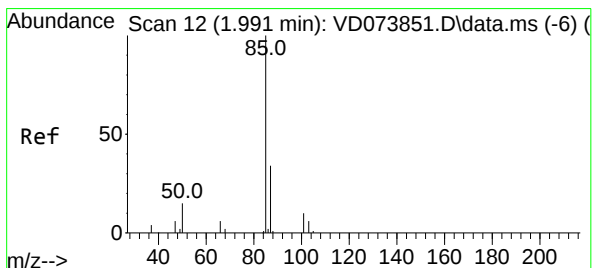
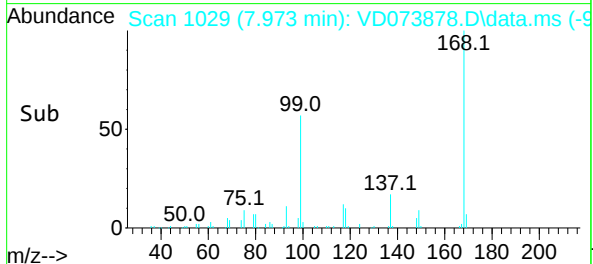
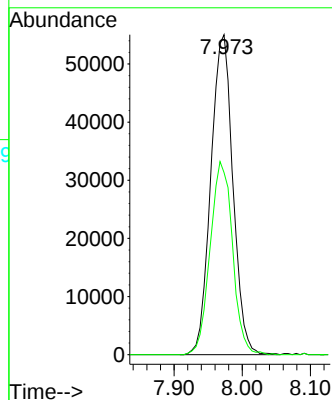
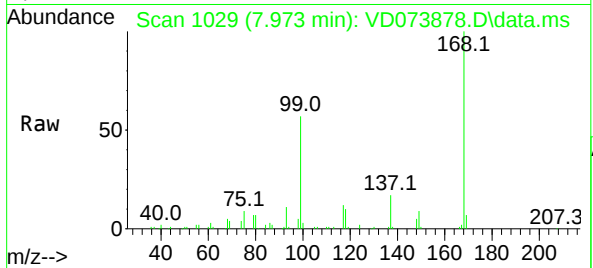




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

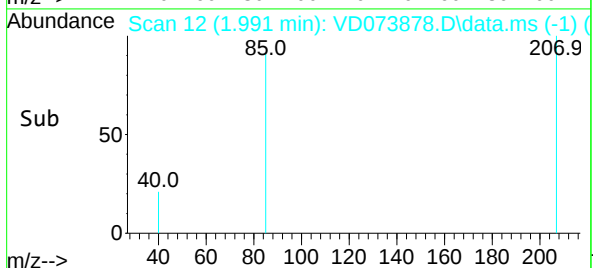
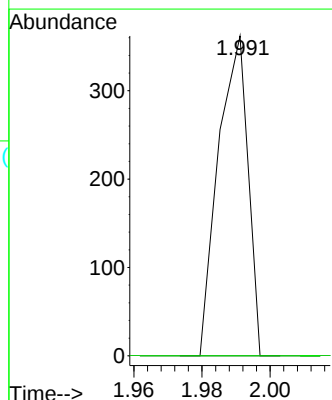
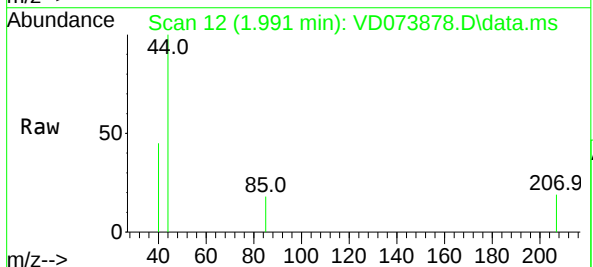
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

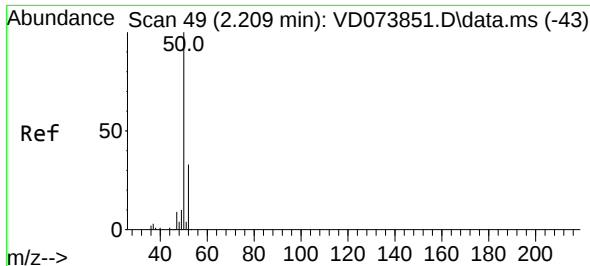
Tgt Ion:168 Resp: 124133
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Tgt Ion: 85 Resp: 218
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

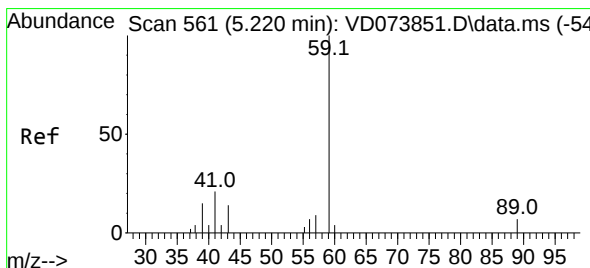
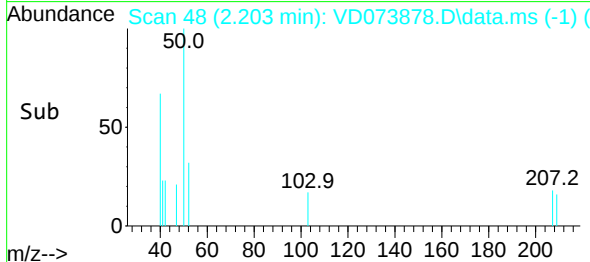
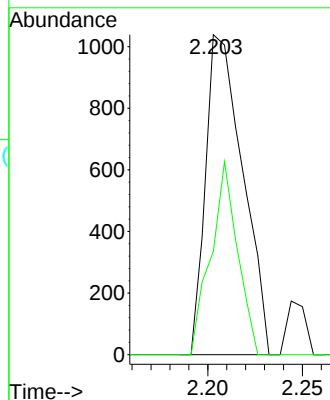
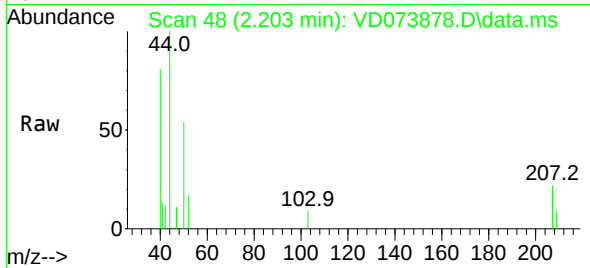




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

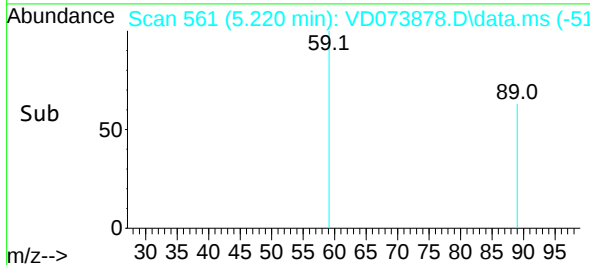
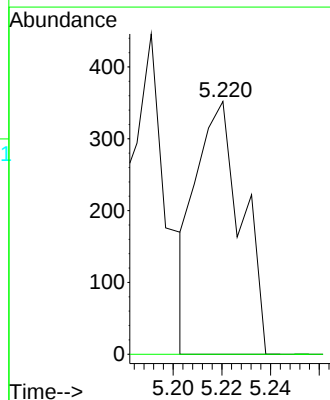
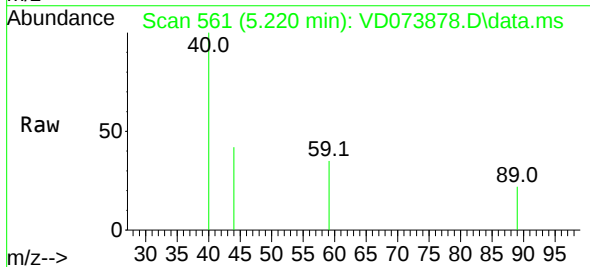
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

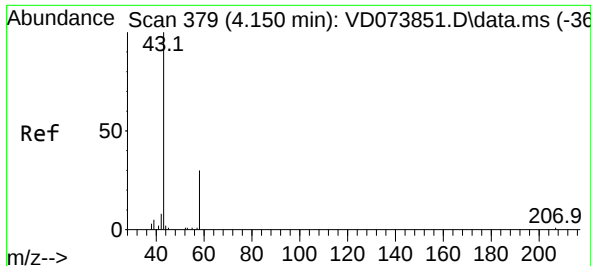
Tgt Ion: 50 Resp: 1414
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

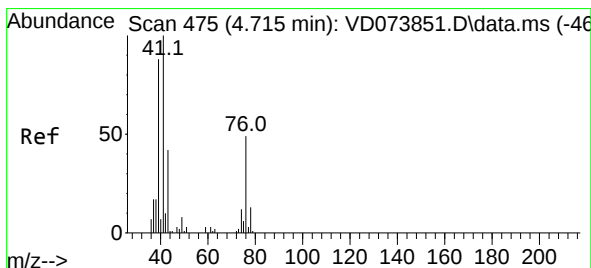
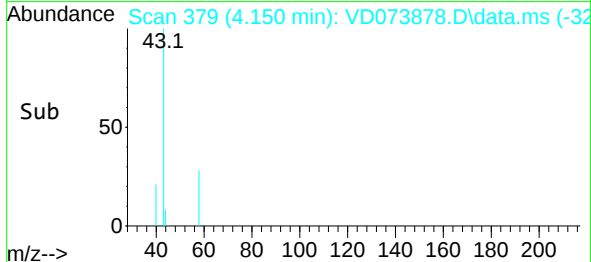
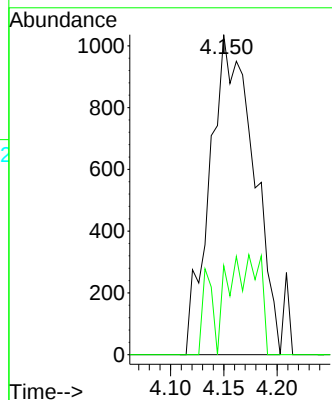
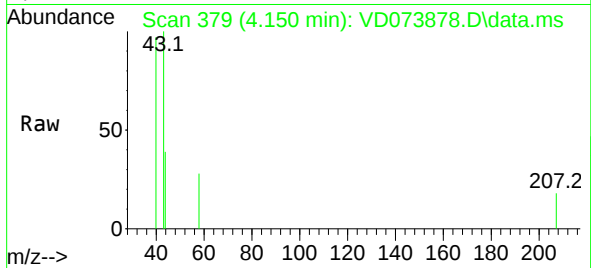




#16
Acetone
Concen: 12.120 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

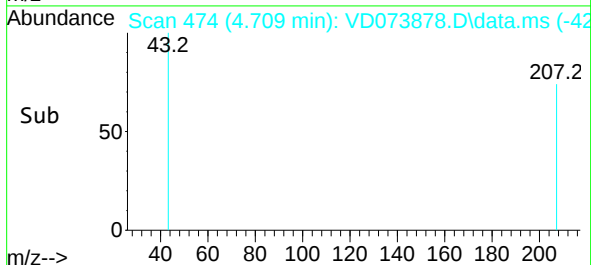
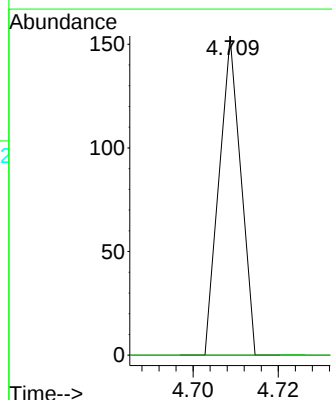
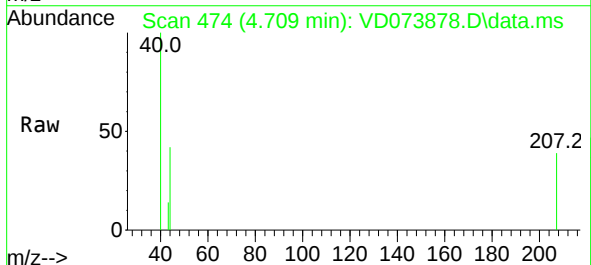
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

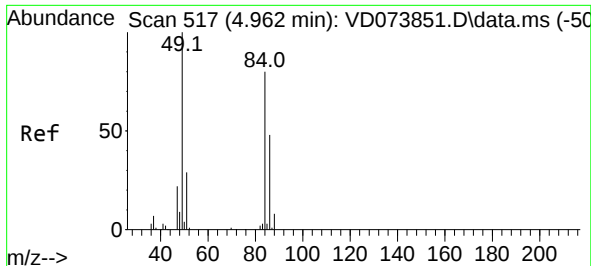
Tgt Ion: 43 Resp: 2948
Ion Ratio Lower Upper
43 100
58 27.8 22.1 33.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

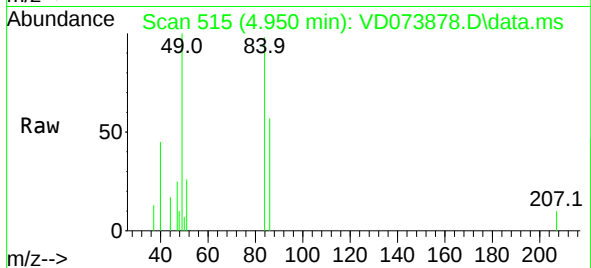
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





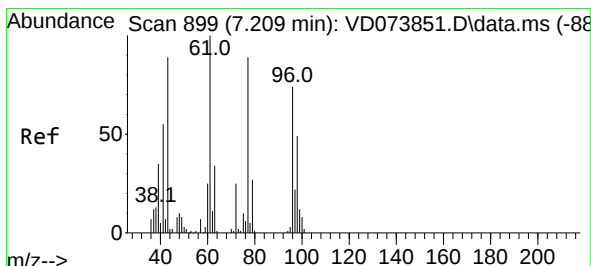
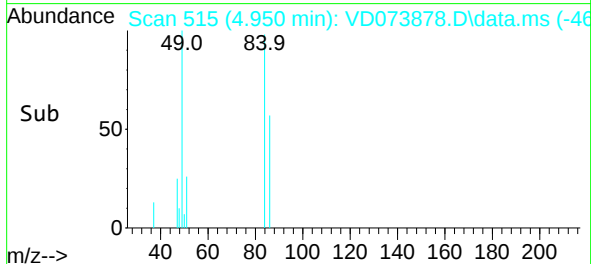
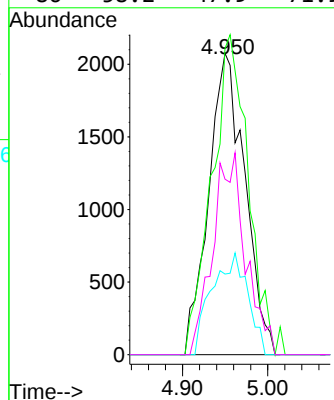
#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522



Tgt Ion: 84 Resp: 6125

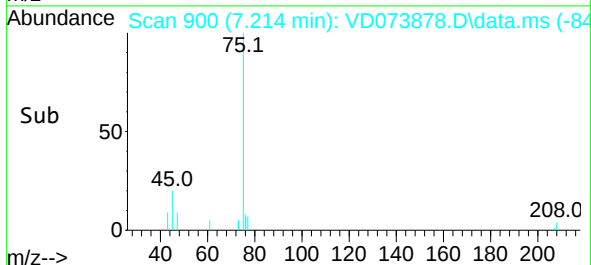
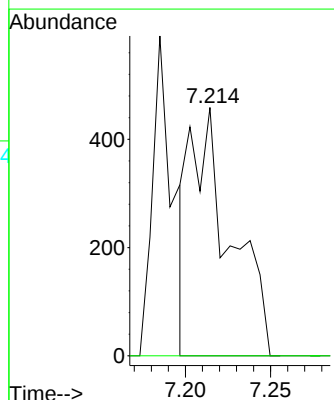
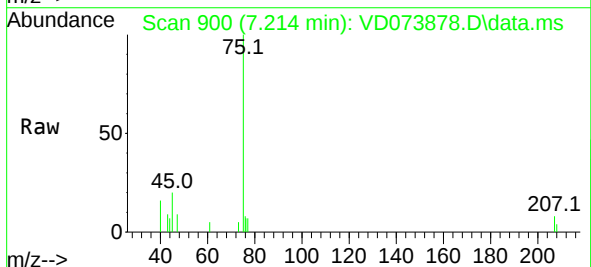
Ion	Ratio	Lower	Upper
84	100		
49	101.5	112.8	169.2#
51	26.7	32.6	48.8#
86	58.2	47.9	71.9

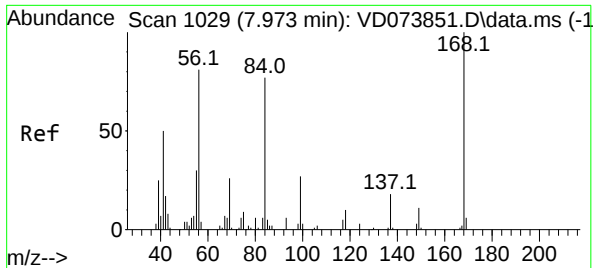


#25
2-Butanone
Concen: 2.178 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Tgt Ion: 43 Resp: 752

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

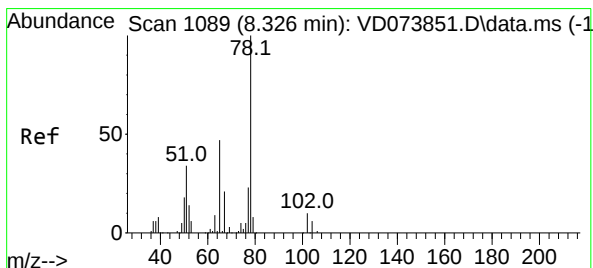
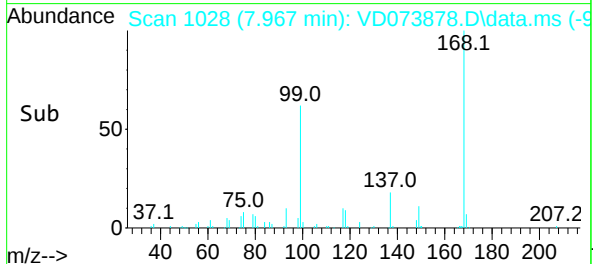
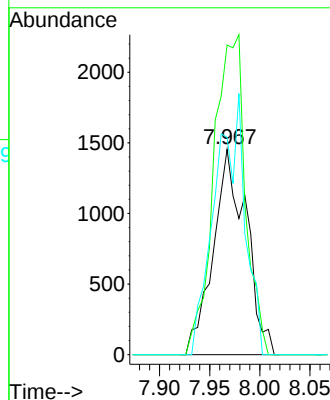
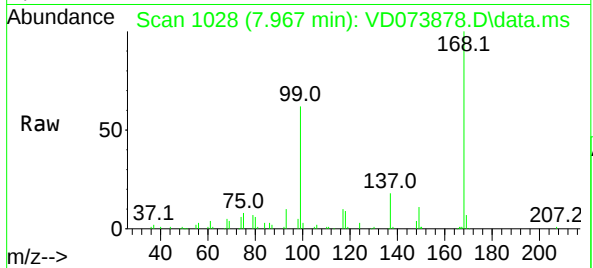




#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

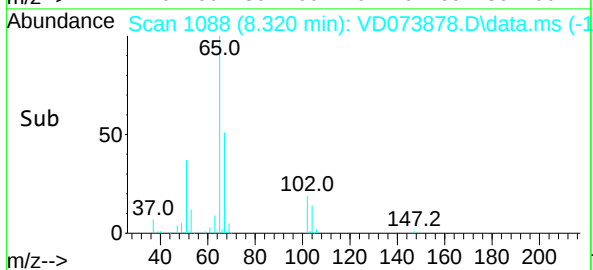
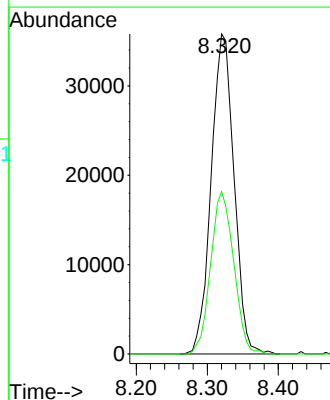
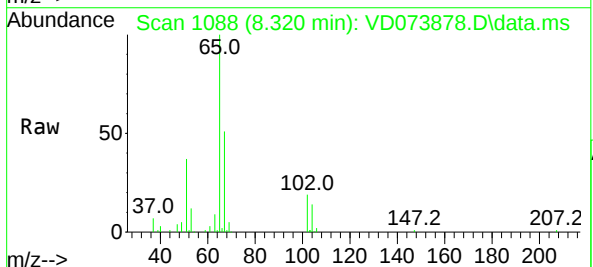
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

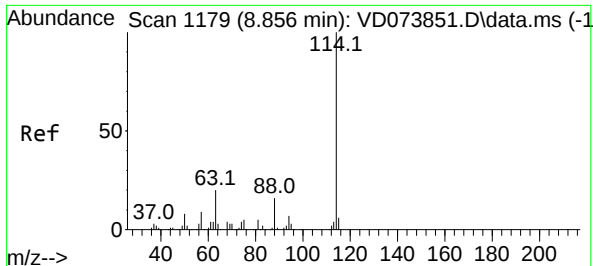
Tgt Ion: 56 Resp: 3336
Ion Ratio Lower Upper
56 100
69 150.8 25.4 38.2#
84 105.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.967 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Tgt Ion: 65 Resp: 79995
Ion Ratio Lower Upper
65 100
67 51.2 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: VD073878.D

Acq: 20 Jul 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

OK-01-071522

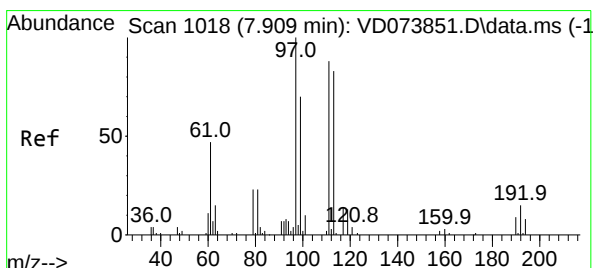
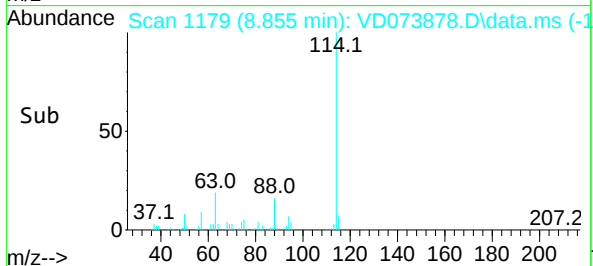
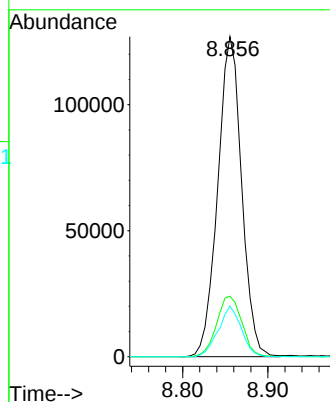
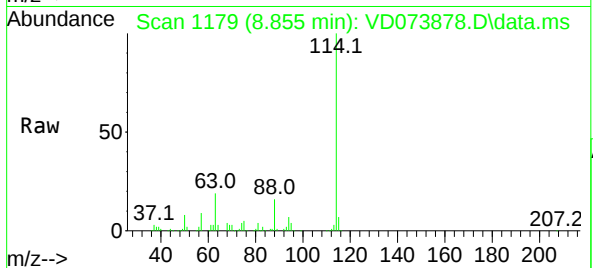
Tgt Ion:114 Resp: 247570

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.442 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073878.D

Acq: 20 Jul 2022 13:59

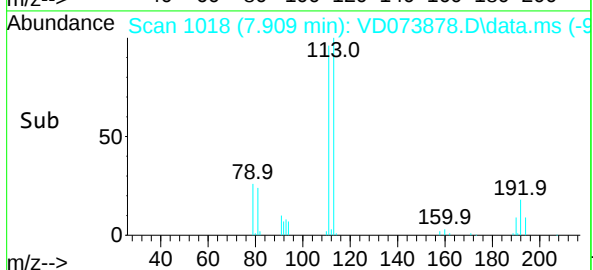
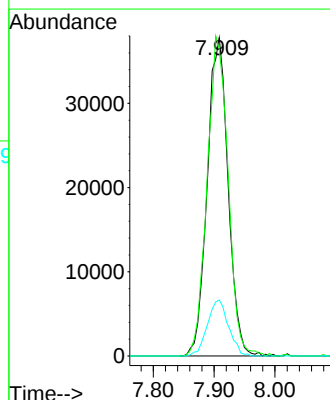
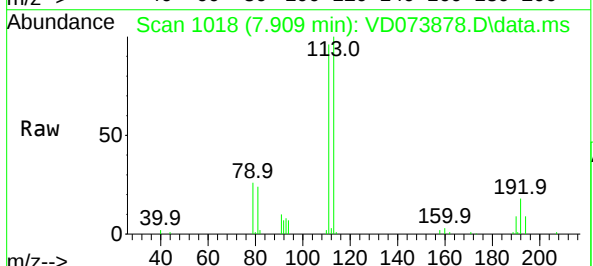
Tgt Ion:113 Resp: 89846

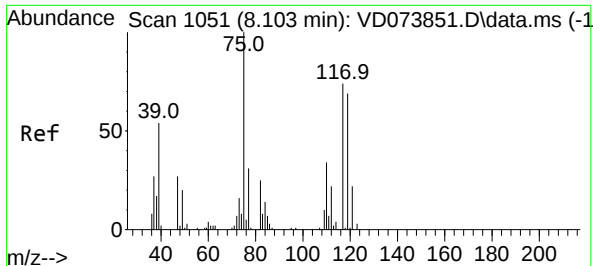
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.167 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073878.D

Acq: 20 Jul 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

OK-01-071522

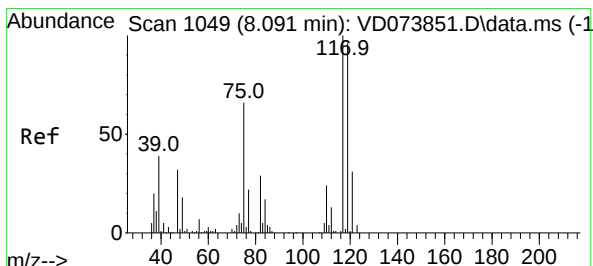
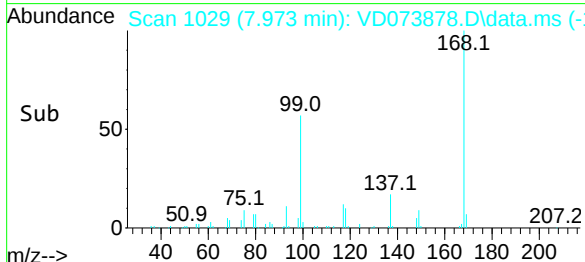
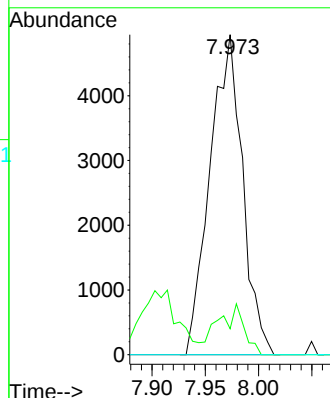
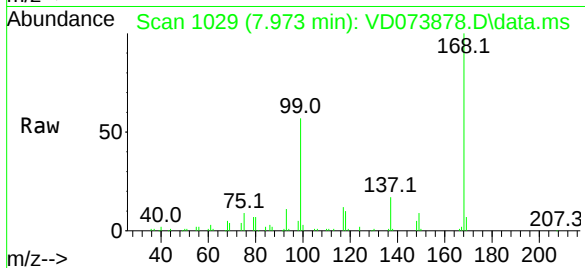
Tgt Ion: 75 Resp: 10499

Ion Ratio Lower Upper

75 100

110 4.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.841 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073878.D

Acq: 20 Jul 2022 13:59

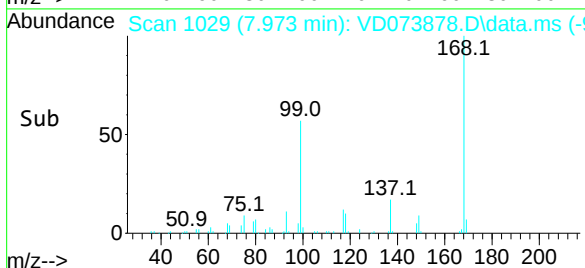
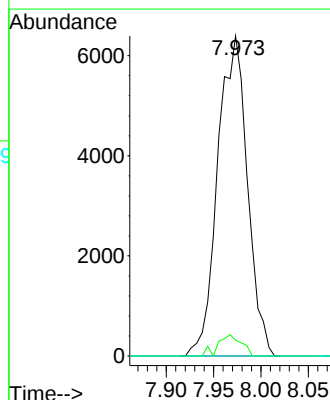
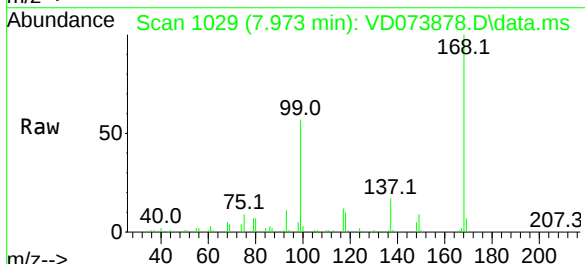
Tgt Ion: 117 Resp: 13929

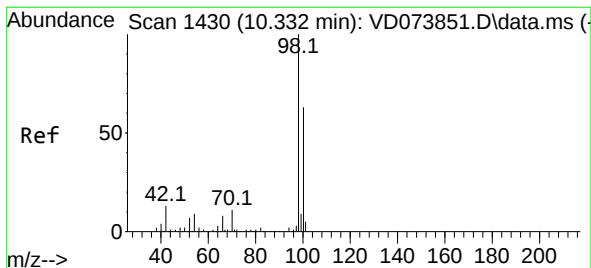
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.676 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073878.D

Acq: 20 Jul 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

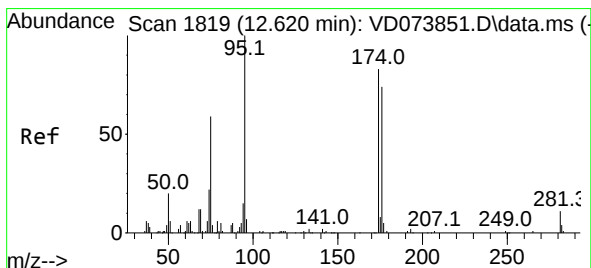
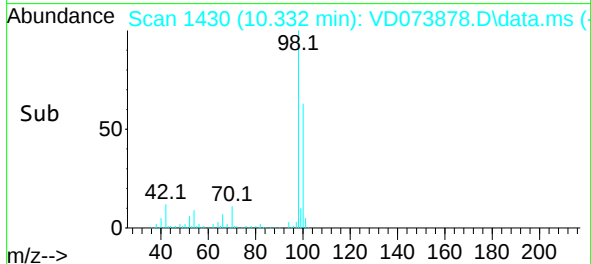
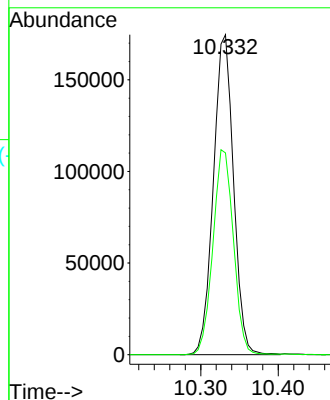
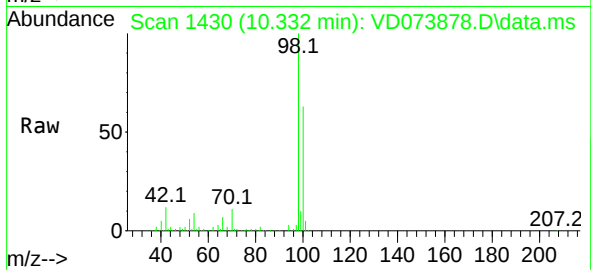
OK-01-071522

Tgt Ion: 98 Resp: 314965

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 49.563 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073878.D

Acq: 20 Jul 2022 13:59

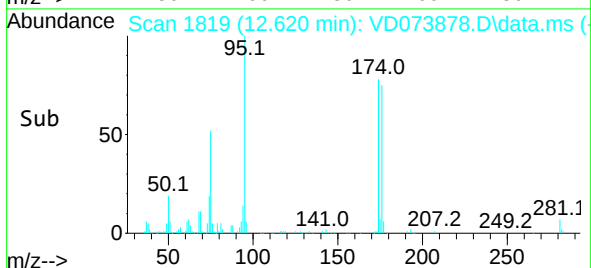
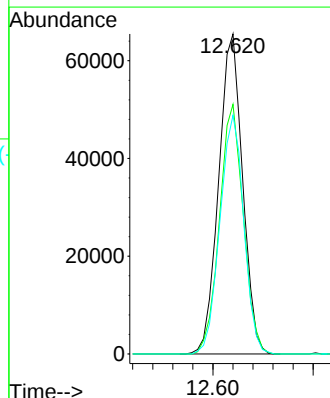
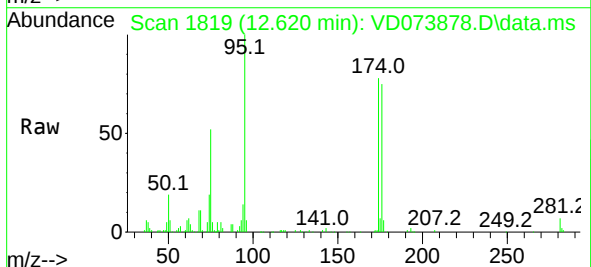
Tgt Ion: 95 Resp: 108045

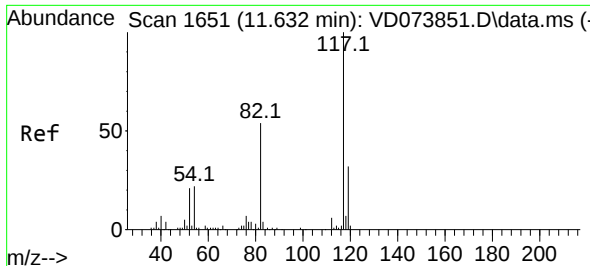
Ion Ratio Lower Upper

95 100

174 77.8 0.0 152.8

176 74.3 0.0 145.4

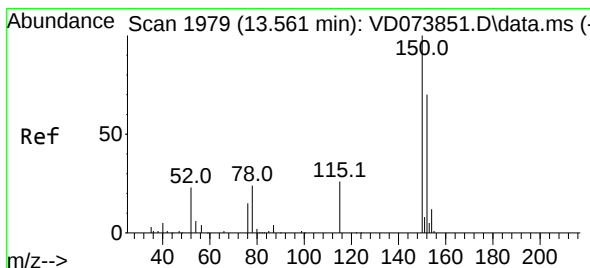
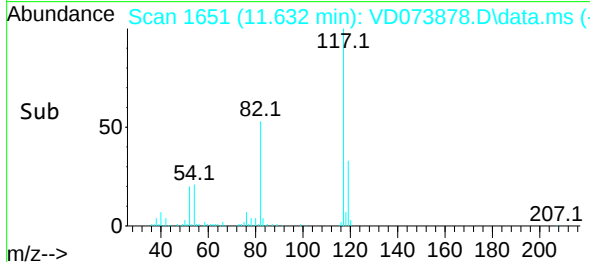
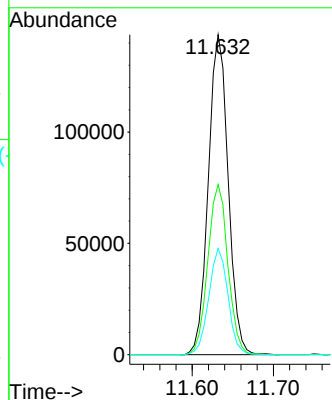
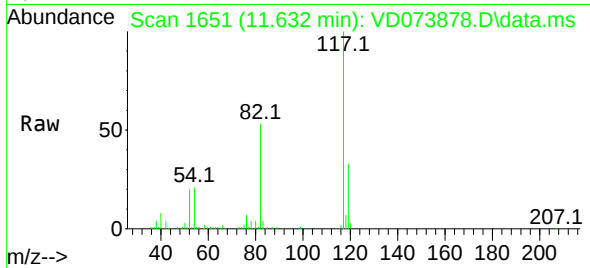




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

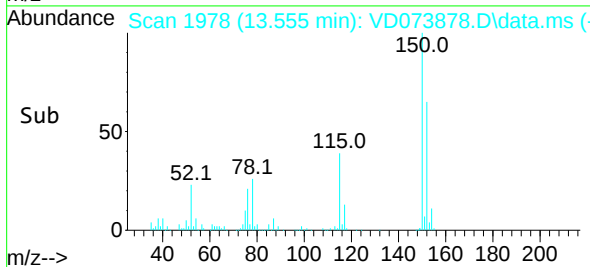
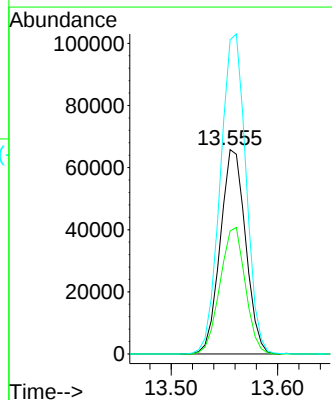
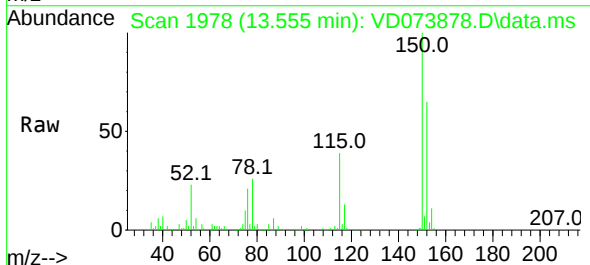
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

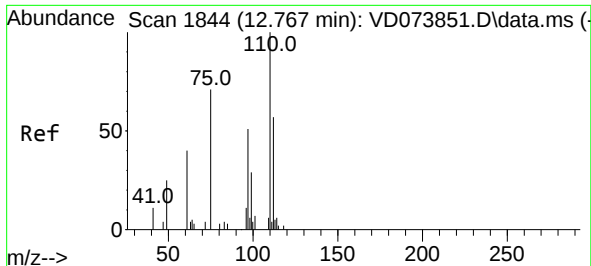
Tgt Ion:117 Resp: 243894
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Tgt Ion:152 Resp: 108697
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 158.4 0.0 348.6

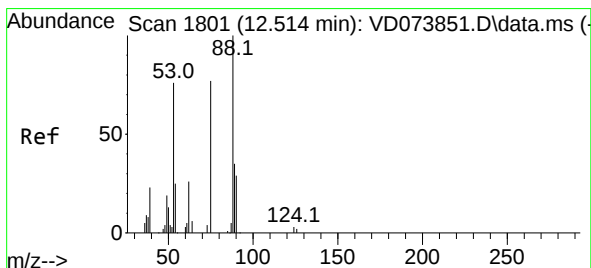
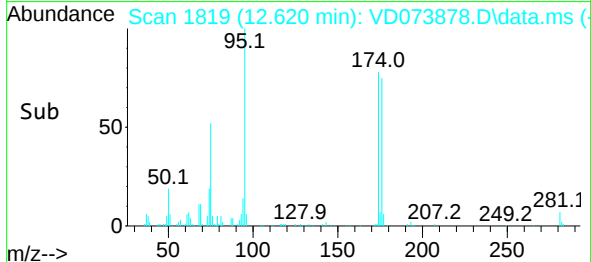
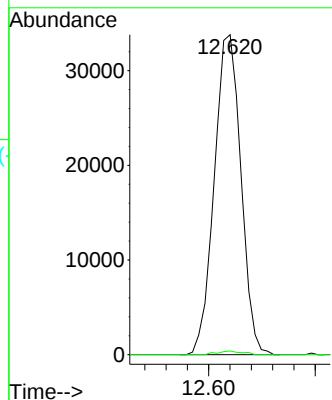
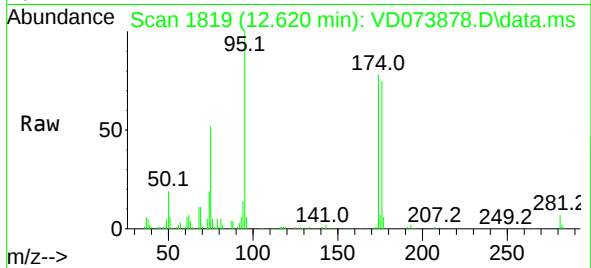




#76
1,2,3-Trichloropropane
Concen: 50.232 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

Tgt Ion: 75 Resp: 58584
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.547 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073878.D
Acq: 20 Jul 2022 13:59

Tgt Ion: 75 Resp: 58584
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

