

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073879.D
 Acq On : 20 Jul 2022 14:30
 Operator : VA/SY
 Sample : N3746-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-071522

Quant Time: Jul 20 16:31:17 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)

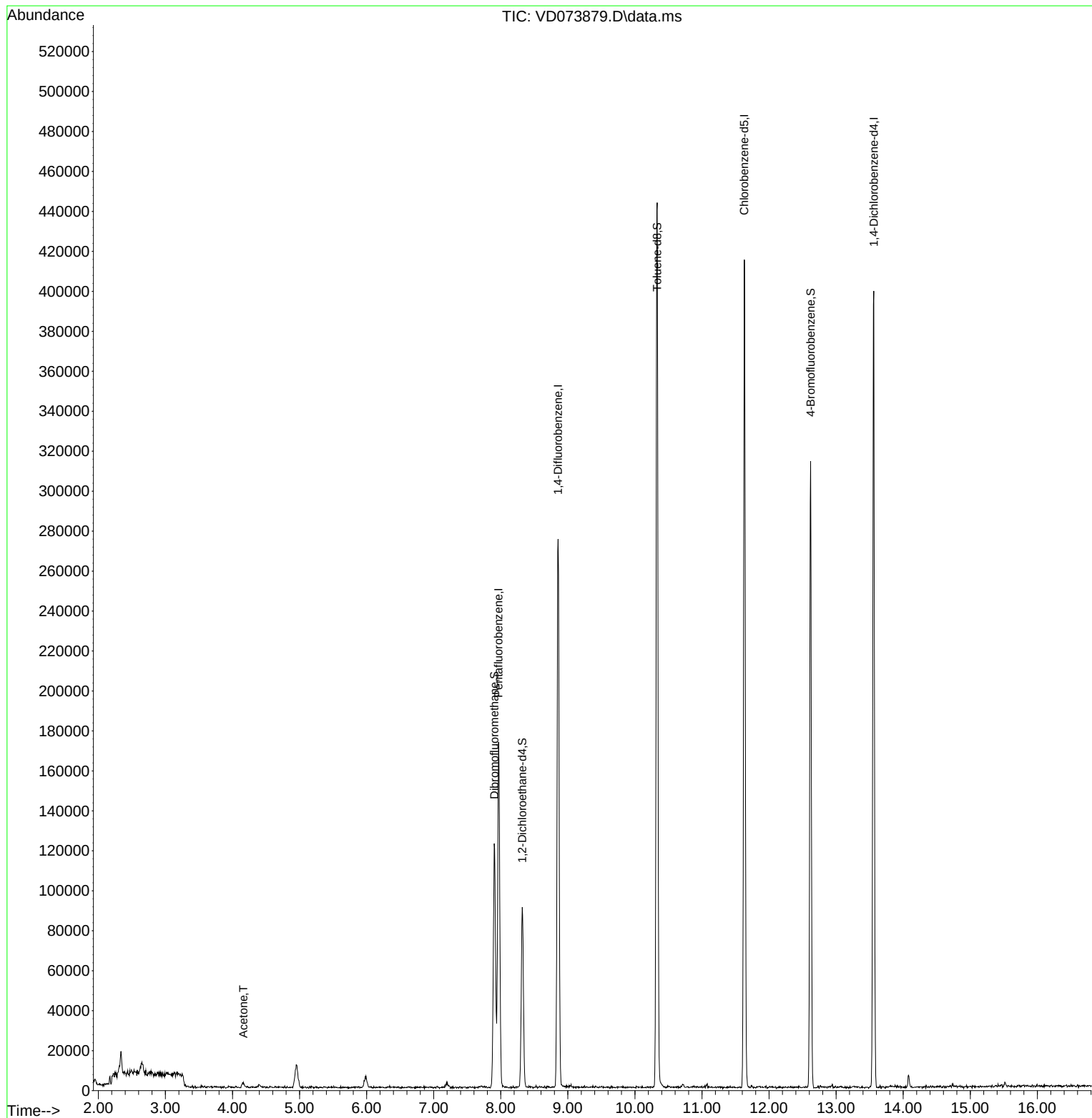
Internal Standards						
1) Pentafluorobenzene	7.967	168	120325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	241451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	232393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72289	50.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.903	113	83086	48.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.332	98	307154	49.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.620	95	99824	46.952	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.900%
Target Compounds						
16) Acetone	4.162	43	4065	17.242	ug/l	Qvalue # 74

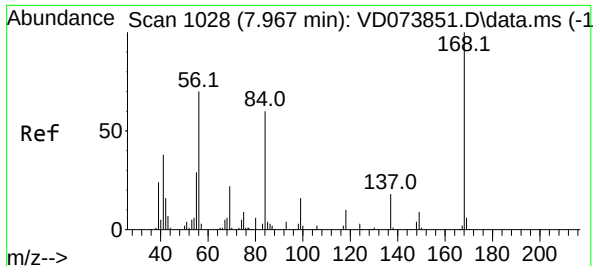
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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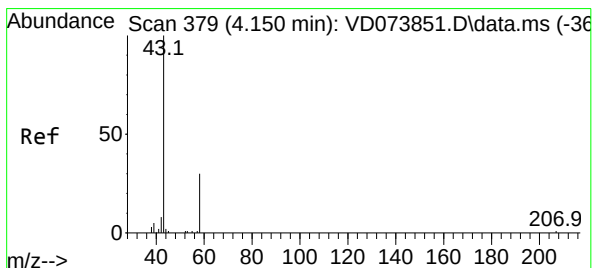
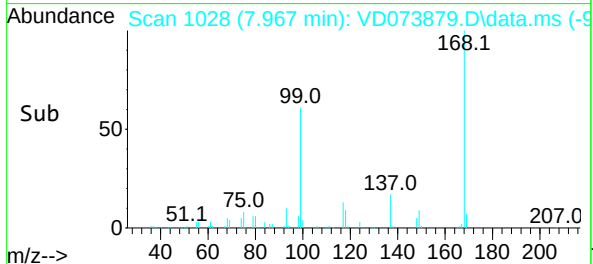
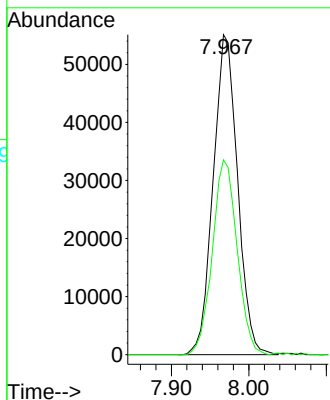
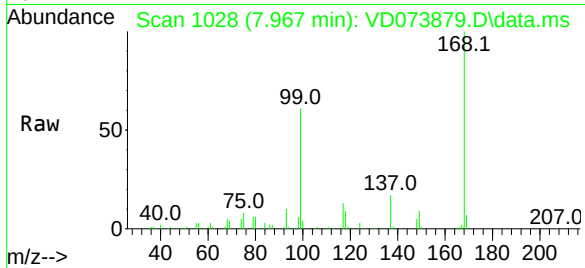




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

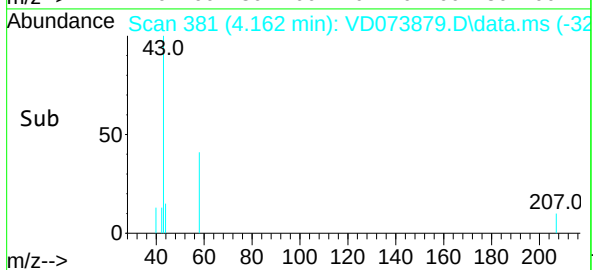
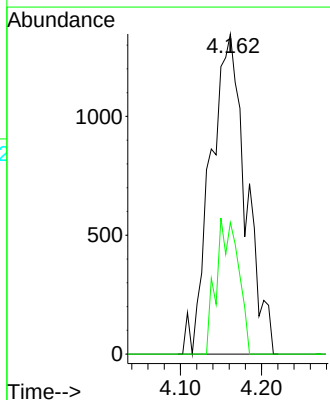
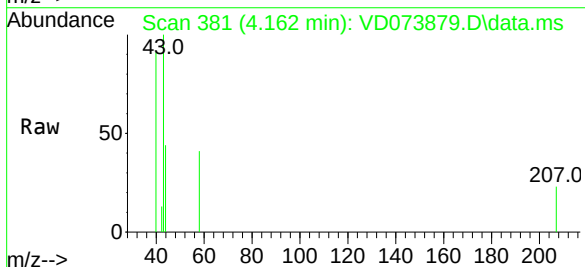
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

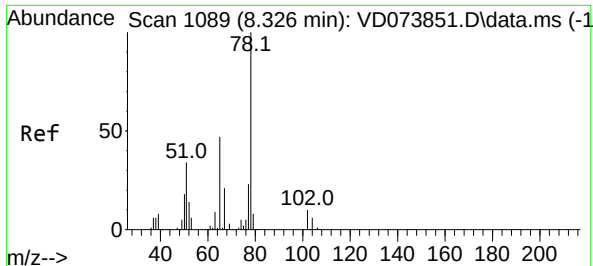
Tgt Ion:168 Resp: 120325
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#16
Acetone
Concen: 17.242 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

Tgt Ion: 43 Resp: 4065
Ion Ratio Lower Upper
43 100
58 41.1 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 50.312 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073879.D

Acq: 20 Jul 2022 14:30

Instrument :

MSVOA_D

ClientSampleId :

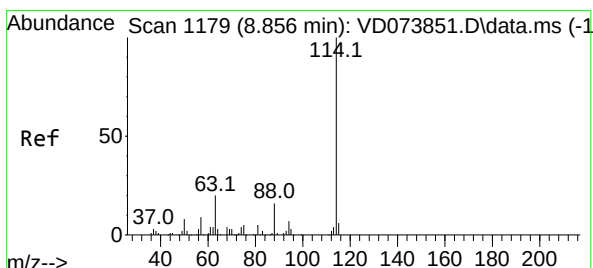
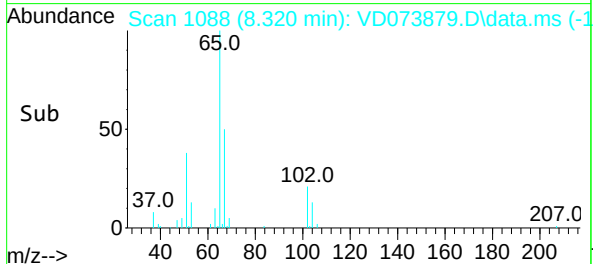
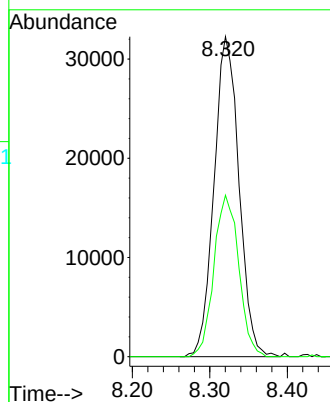
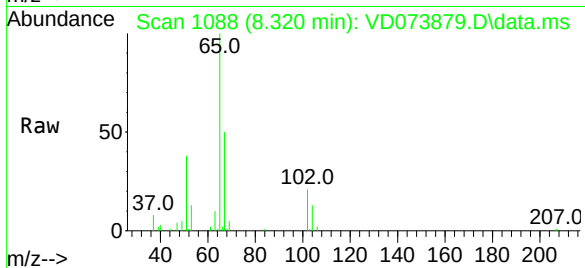
CL-02-071522

Tgt Ion: 65 Resp: 72289

Ion Ratio Lower Upper

65 100

67 50.2 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: VD073879.D

Acq: 20 Jul 2022 14:30

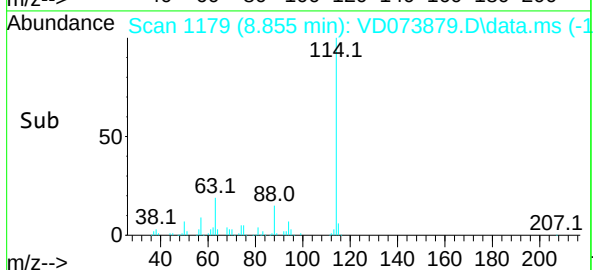
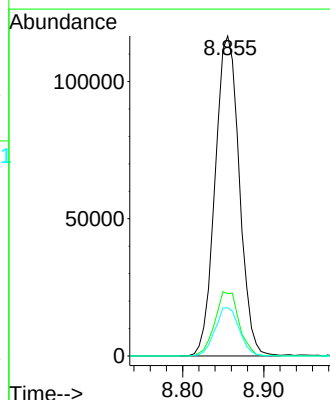
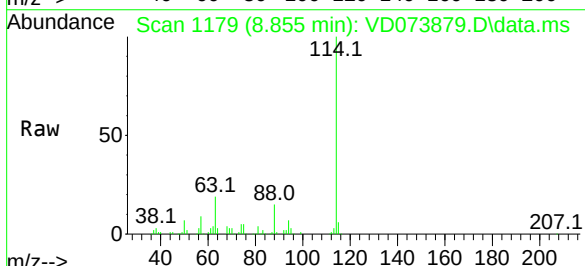
Tgt Ion: 114 Resp: 241451

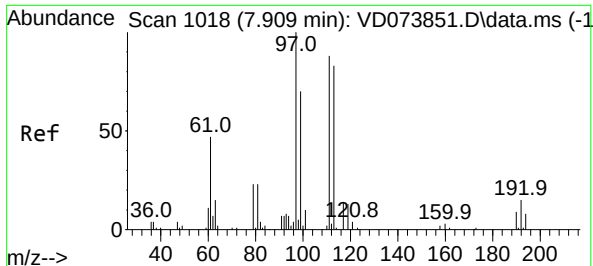
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.777 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073879.D

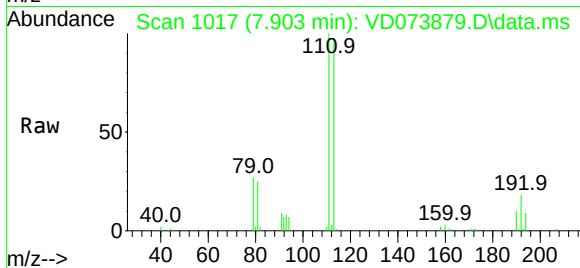
Acq: 20 Jul 2022 14:30

Instrument :

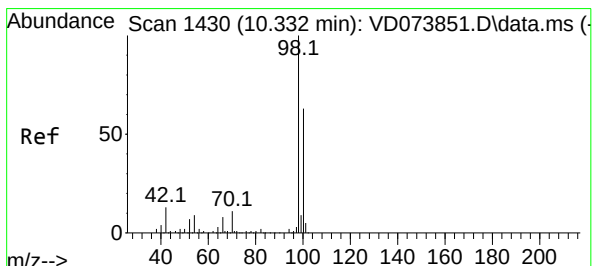
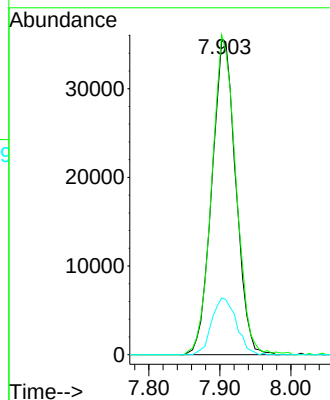
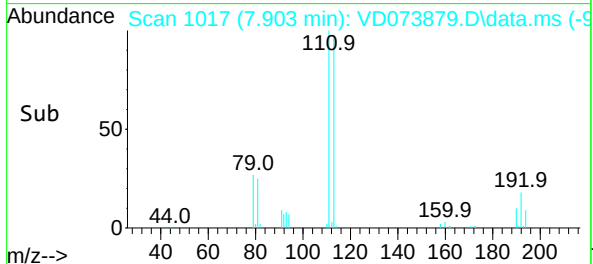
MSVOA_D

ClientSampleId :

CL-02-071522



Tgt Ion:	113	Resp:	83086
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	18.5	14.6	21.8



#50

Toluene-d8

Concen: 49.672 ug/l

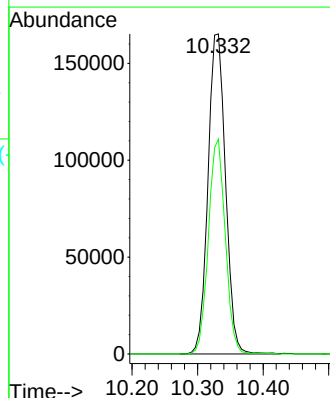
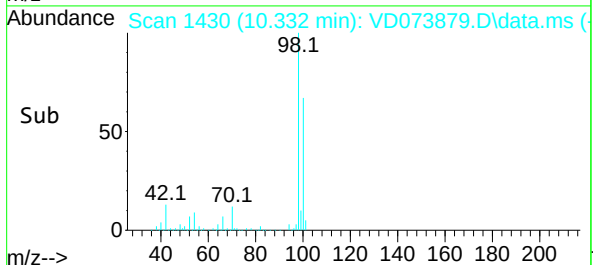
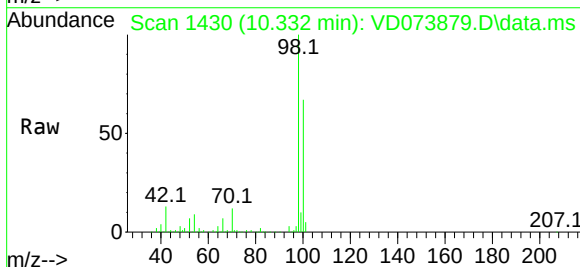
RT: 10.332 min Scan# 1430

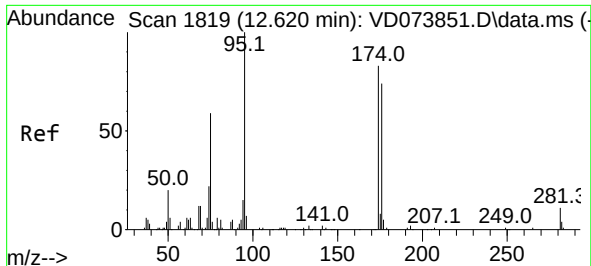
Delta R.T. -0.000 min

Lab File: VD073879.D

Acq: 20 Jul 2022 14:30

Tgt Ion:	98	Resp:	307154
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.4	78.6

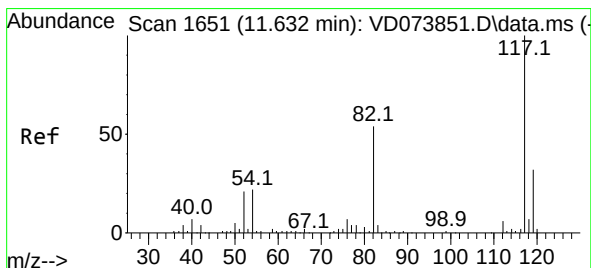
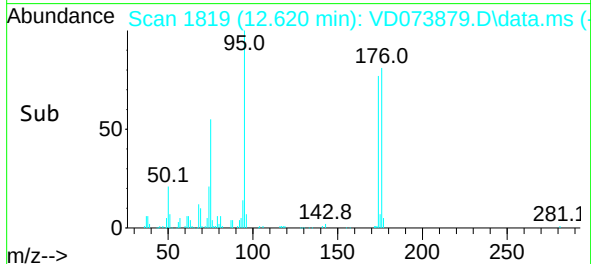
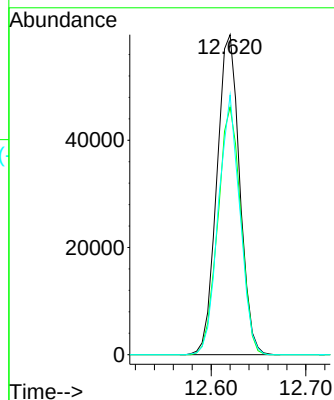
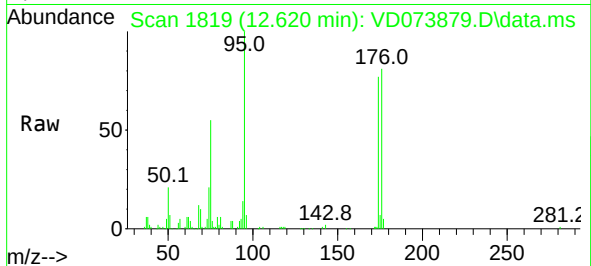




#62
4-Bromofluorobenzene
Concen: 46.952 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

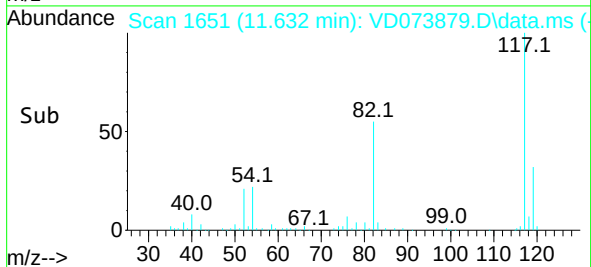
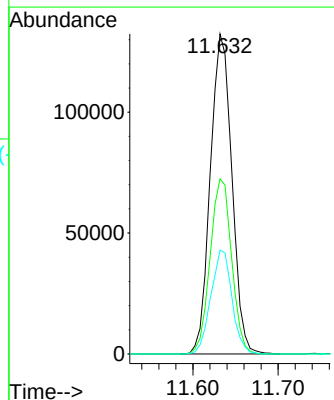
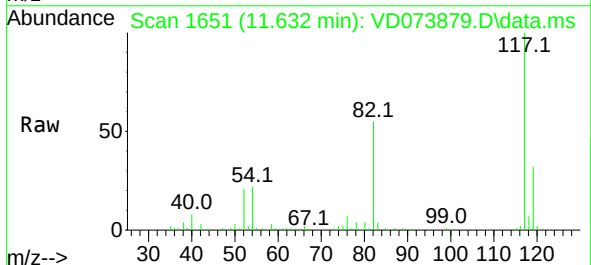
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

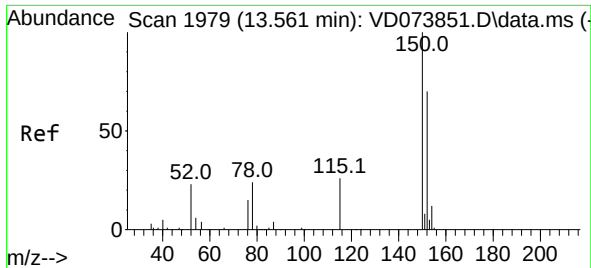
Tgt Ion: 95 Resp: 99824
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 76.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073879.D
Acq: 20 Jul 2022 14:30

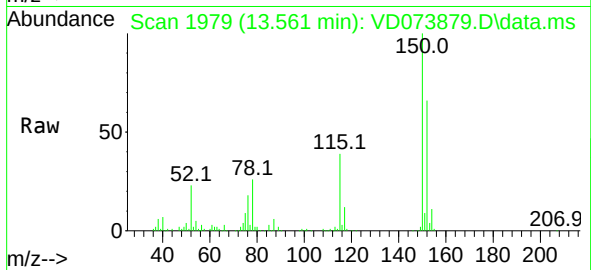
Tgt Ion: 117 Resp: 232393
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 32.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073879.D
 Acq: 20 Jul 2022 14:30

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-071522



Tgt Ion:152 Resp: 101277
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.3 93.8
 150 157.1 0.0 348.6

