

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013479.D
 Acq On : 26 Apr 2023 17:27
 Operator : KP/MD
 Sample : 02484-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRCA-1

Quant Time: Apr 27 01:35:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

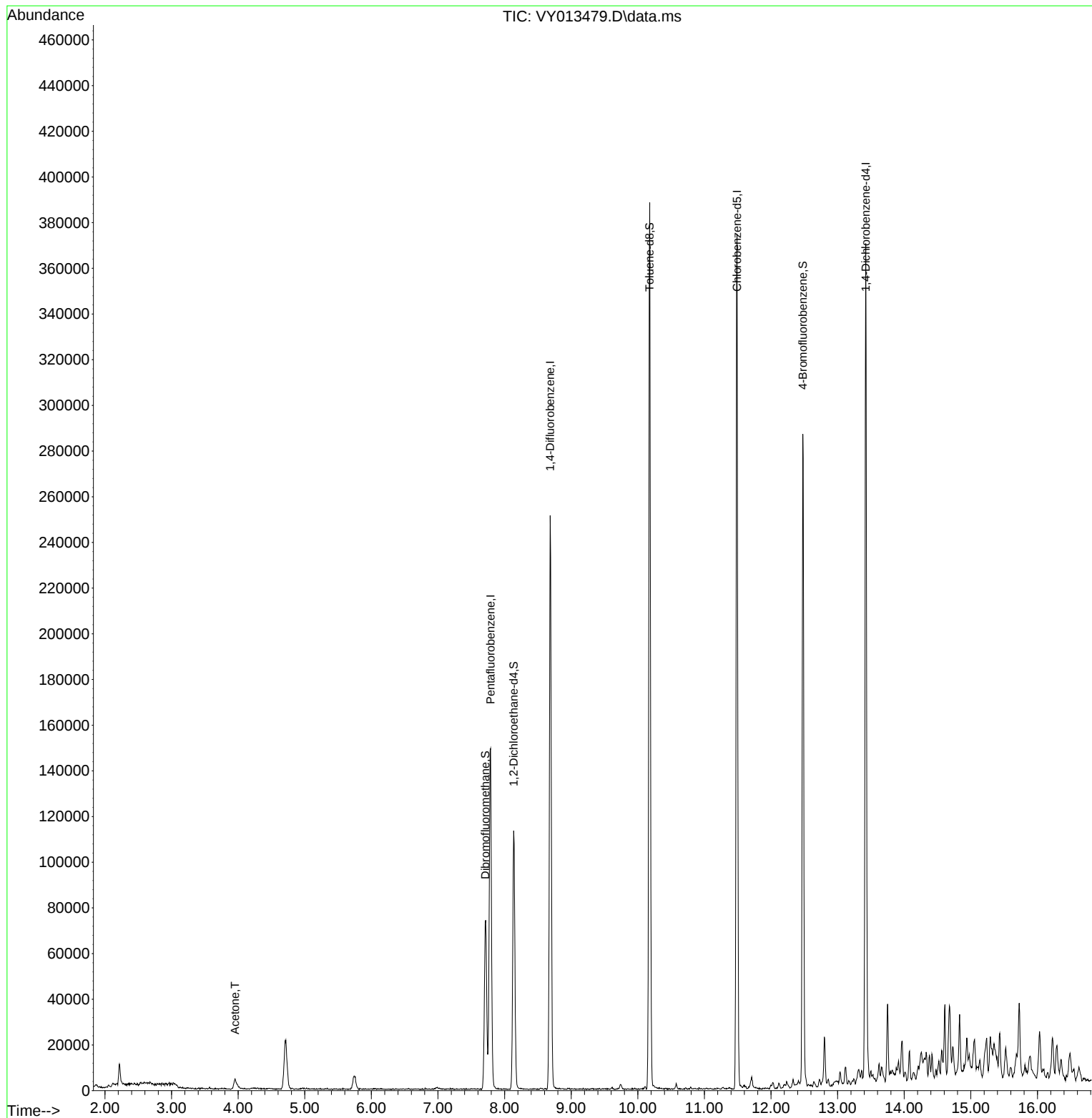
Internal Standards						
1) Pentafluorobenzene	7.789	168	111274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	197052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87794	71.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.940%
35) Dibromofluoromethane	7.709	113	52048	41.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.000%
50) Toluene-d8	10.178	98	243728	55.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.477	95	80852	54.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.800%
Target Compounds						
16) Acetone	3.954	43	8365	17.414	ug/l	Qvalue 97

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

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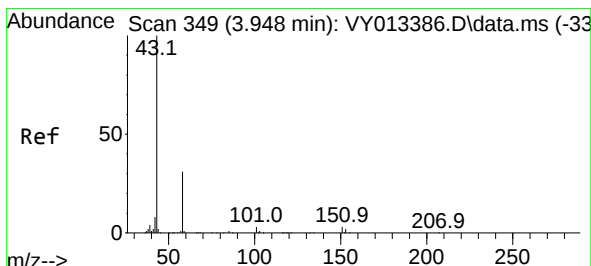
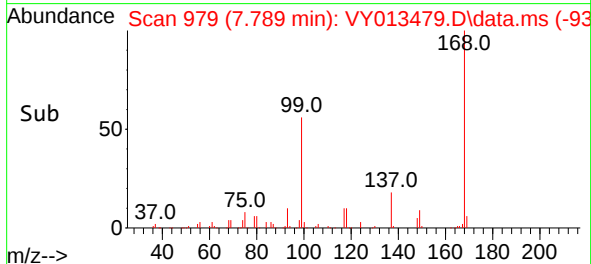
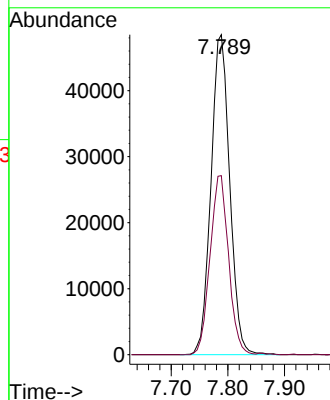
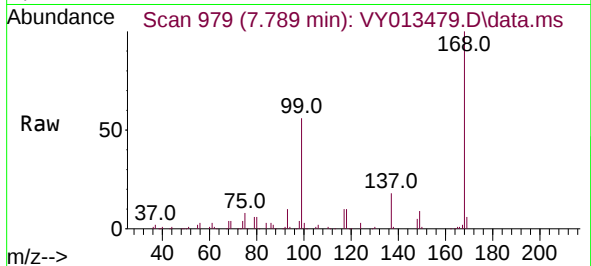




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013479.D
Acq: 26 Apr 2023 17:27

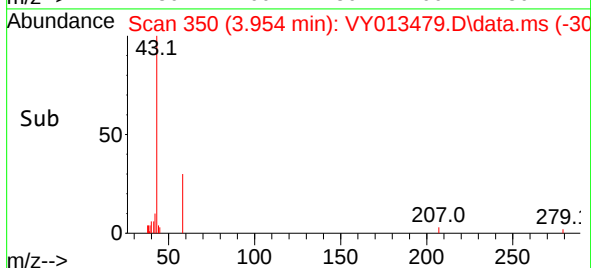
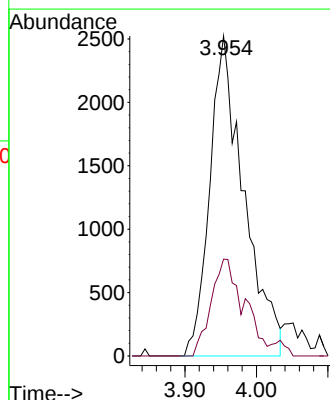
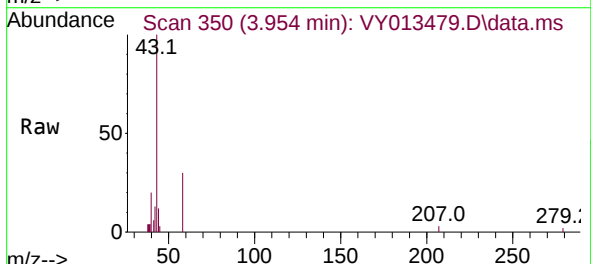
Instrument :
MSVOA_Y
ClientSampleId :
CRCA-1

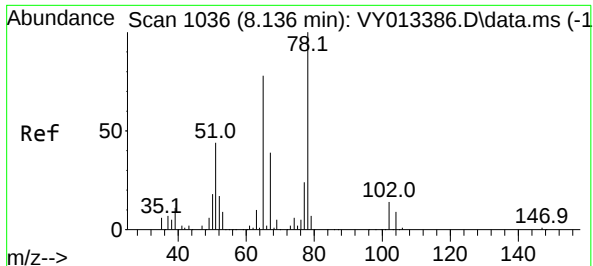
Tgt Ion:168 Resp: 111274
Ion Ratio Lower Upper
168 100
99 55.9 41.8 62.6



#16
Acetone
Concen: 17.414 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013479.D
Acq: 26 Apr 2023 17:27

Tgt Ion: 43 Resp: 8365
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 71.974 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013479.D

Acq: 26 Apr 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

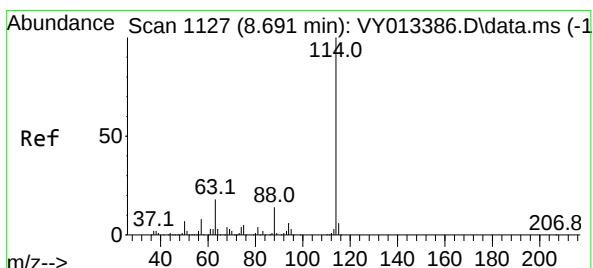
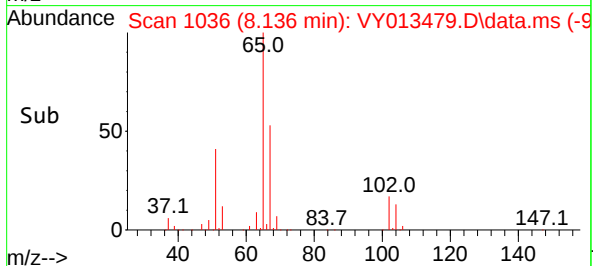
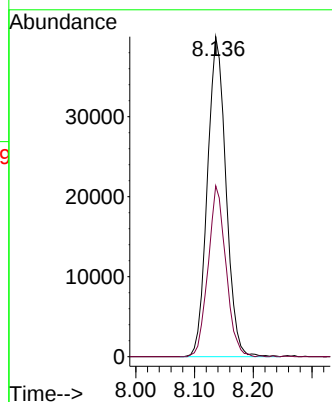
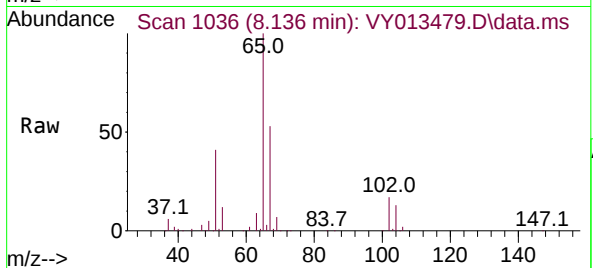
CRCA-1

Tgt Ion: 65 Resp: 87794

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013479.D

Acq: 26 Apr 2023 17:27

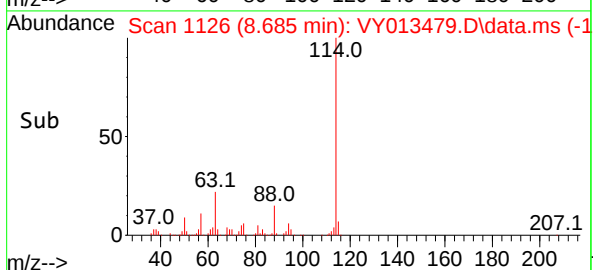
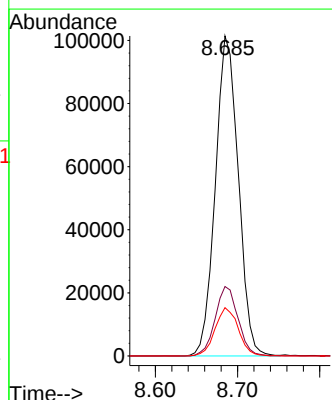
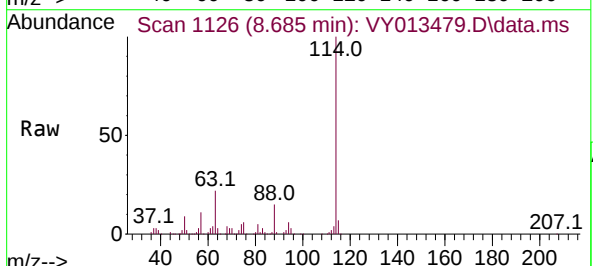
Tgt Ion: 114 Resp: 197052

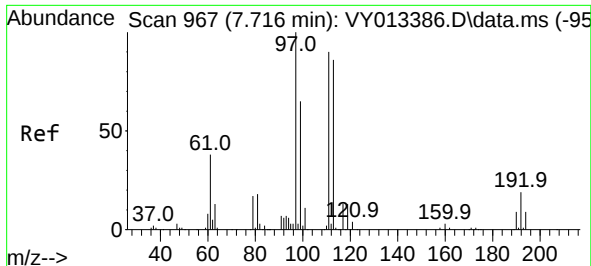
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 15.1 0.0 28.8

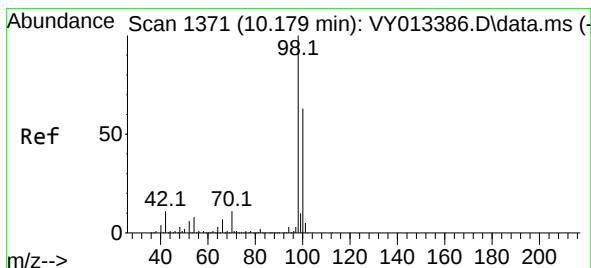
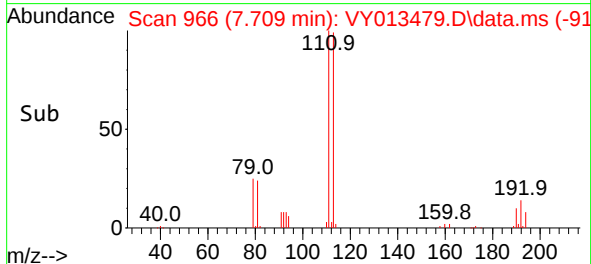
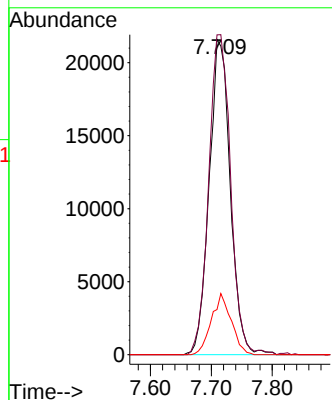
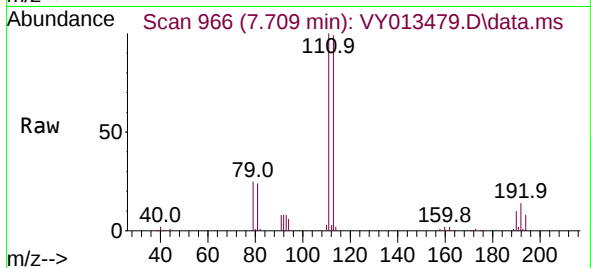




#35
Dibromofluoromethane
Concen: 41.996 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY013479.D
Acq: 26 Apr 2023 17:27

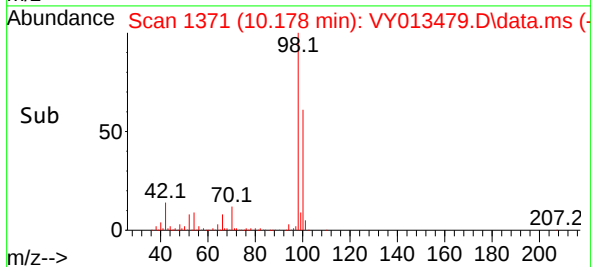
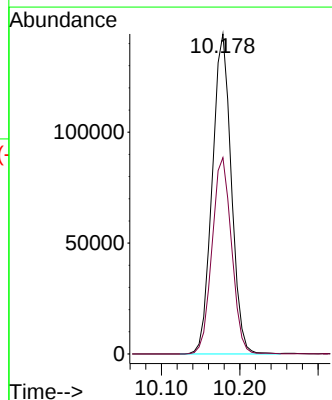
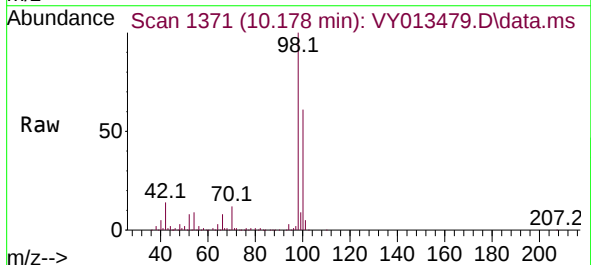
Instrument :
MSVOA_Y
ClientSampleId :
CRCA-1

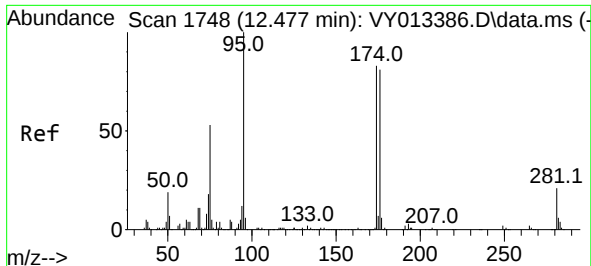
Tgt Ion:113 Resp: 52048
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 18.2 16.7 25.1



#50
Toluene-d8
Concen: 55.280 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013479.D
Acq: 26 Apr 2023 17:27

Tgt Ion: 98 Resp: 243728
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

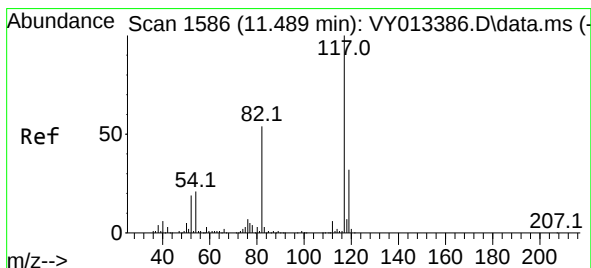
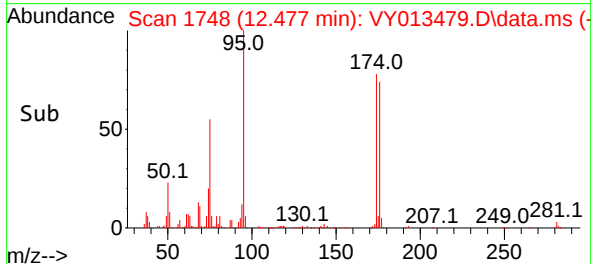
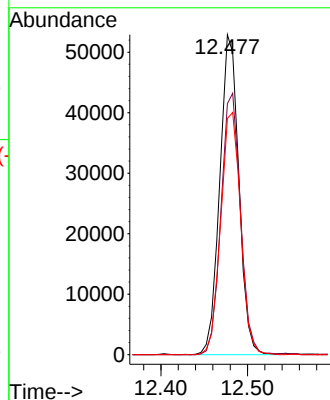
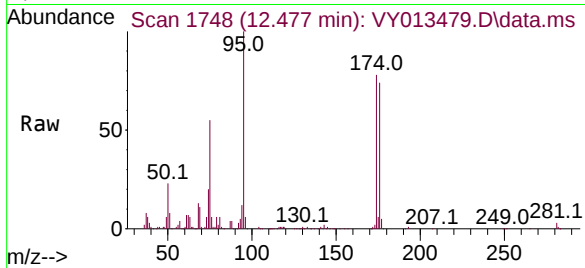




#62
4-Bromofluorobenzene
Concen: 54.396 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013479.D
Acq: 26 Apr 2023 17:27

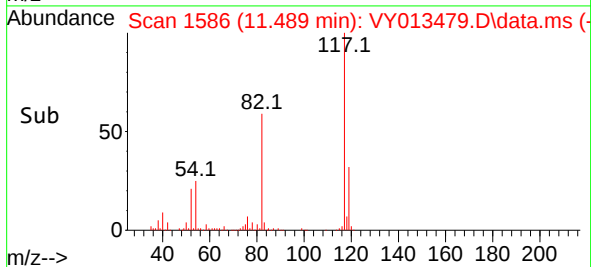
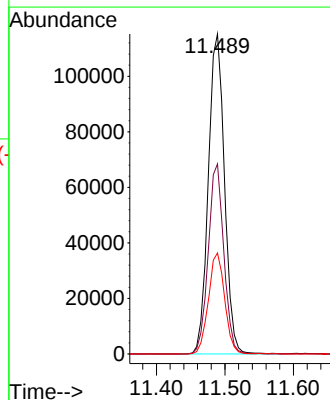
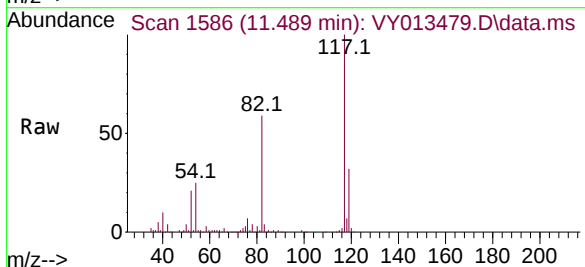
Instrument :
MSVOA_Y
ClientSampleId :
CRCA-1

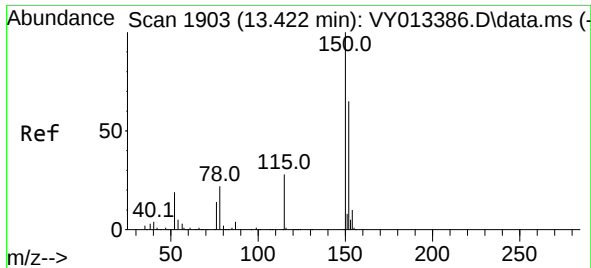
Tgt Ion: 95 Resp: 80852
Ion Ratio Lower Upper
95 100
174 83.7 0.0 182.0
176 79.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013479.D
Acq: 26 Apr 2023 17:27

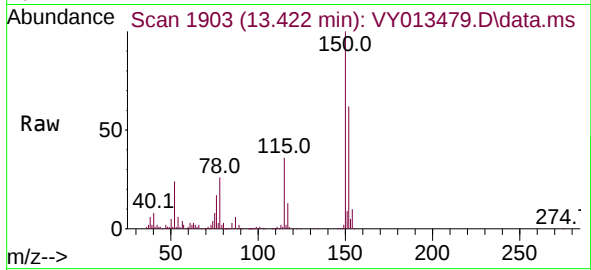
Tgt Ion: 117 Resp: 188754
Ion Ratio Lower Upper
117 100
82 59.4 43.0 64.6
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013479.D
 Acq: 26 Apr 2023 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRCA-1



Tgt Ion:152 Resp: 87486
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.1 84.2
 150 155.4 0.0 352.0

