

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013493.D
 Acq On : 27 Apr 2023 15:43
 Operator : KP/MD
 Sample : 02484-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRCA-1RE

Quant Time: Apr 27 16:14:27 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)

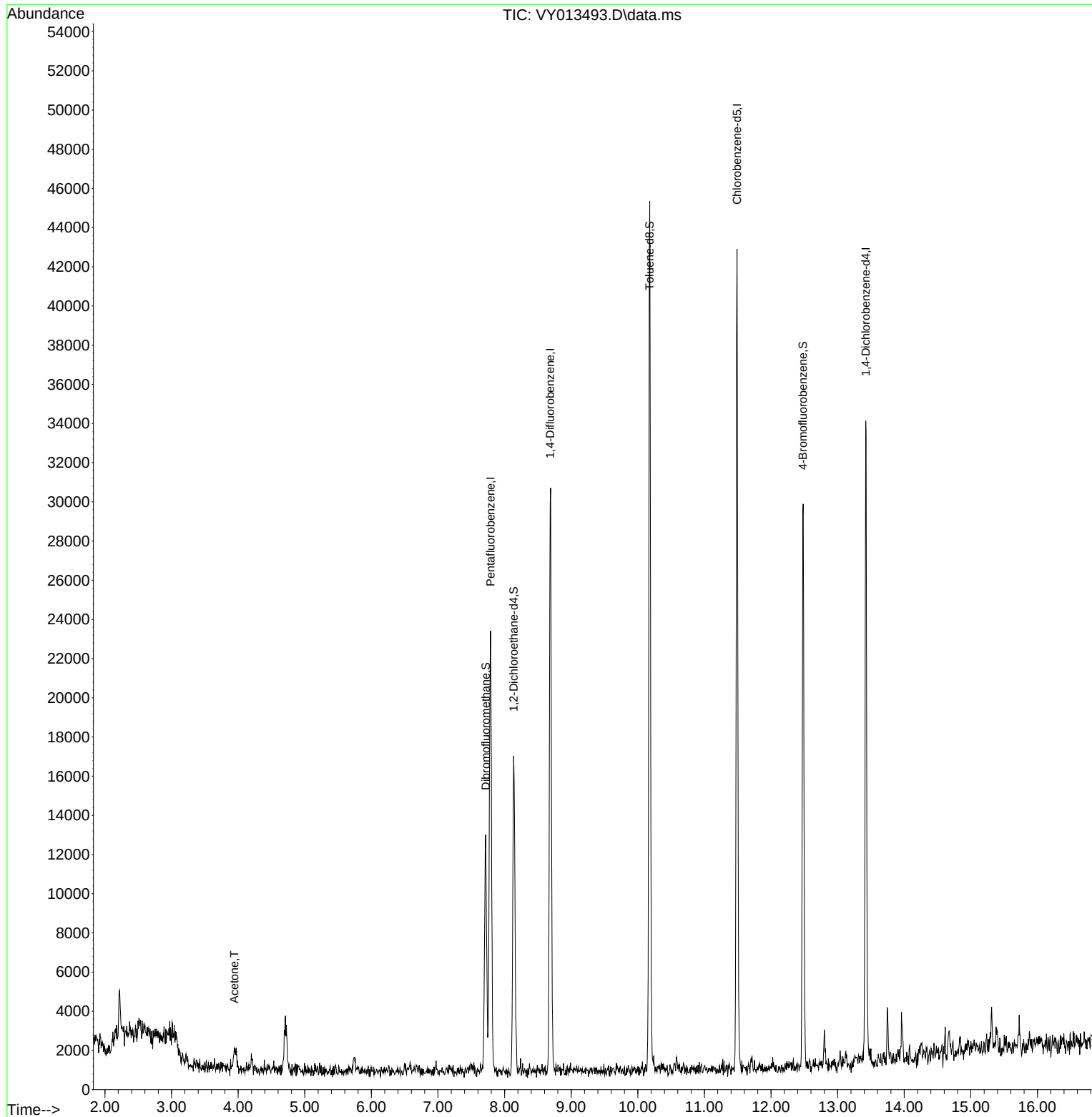
Internal Standards						
1) Pentafluorobenzene	7.789	168	17640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12902	66.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.440%
35) Dibromofluoromethane	7.715	113	8226	52.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.280%
50) Toluene-d8	10.178	98	29899	53.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.477	95	8207	43.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.580%
Target Compounds						
16) Acetone	3.942	43	2095	27.511	ug/l	Qvalue 90

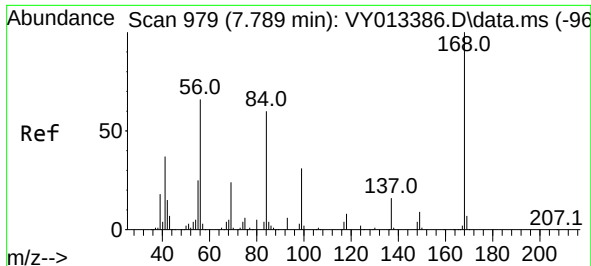
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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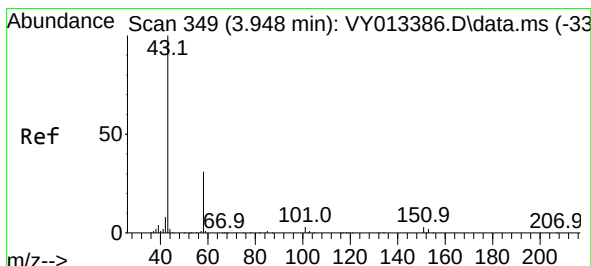
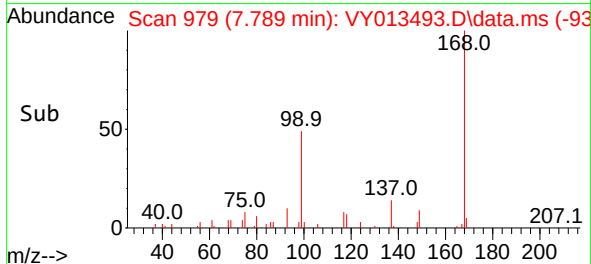
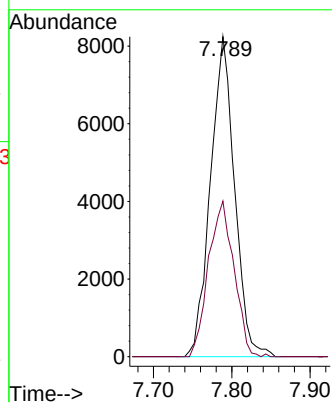
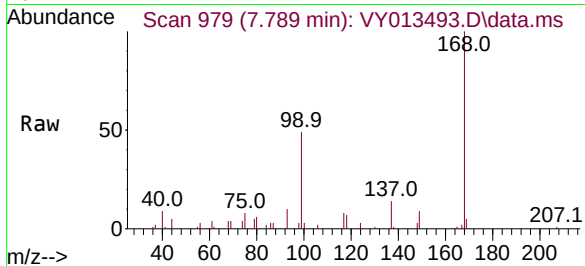




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013493.D
Acq: 27 Apr 2023 15:43

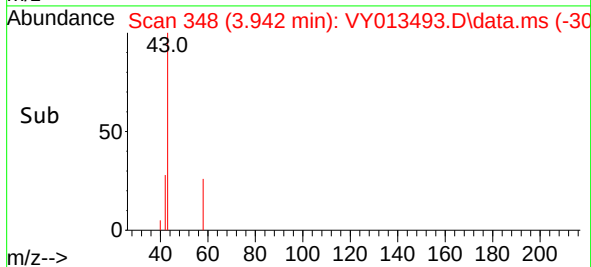
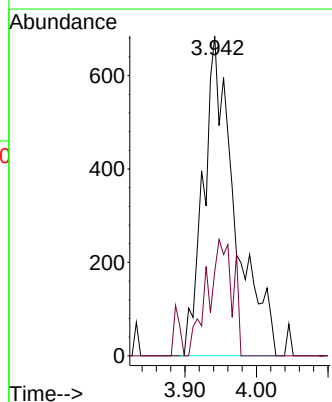
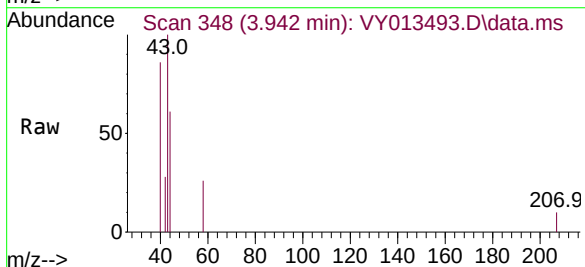
Instrument :
MSVOA_Y
ClientSampleId :
CRCA-1RE

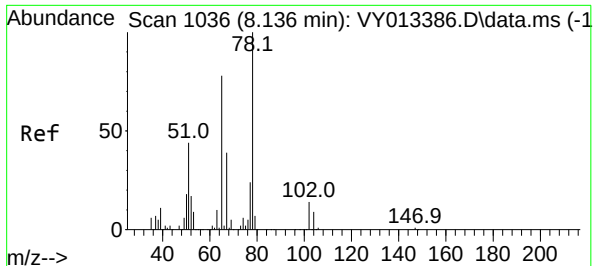
Tgt Ion:168 Resp: 17640
Ion Ratio Lower Upper
168 100
99 48.6 41.8 62.6



#16
Acetone
Concen: 27.511 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013493.D
Acq: 27 Apr 2023 15:43

Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 26.4 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 66.721 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY013493.D

Acq: 27 Apr 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

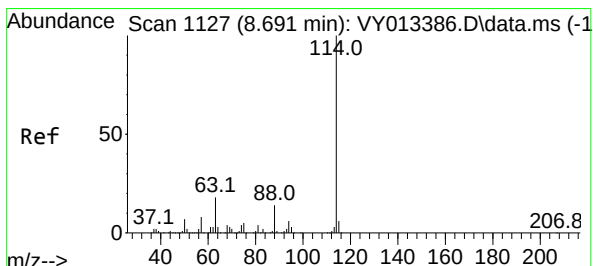
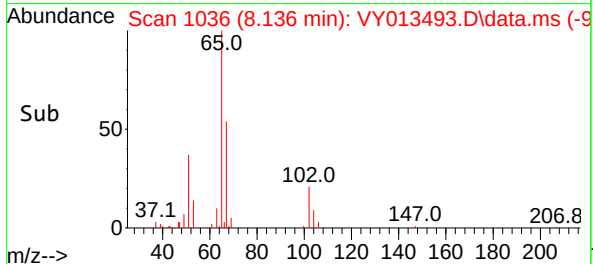
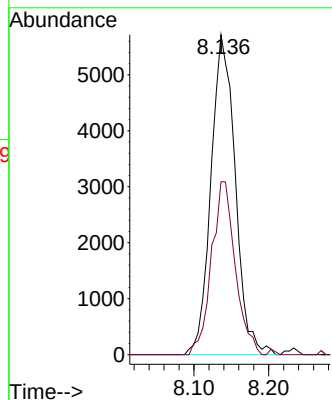
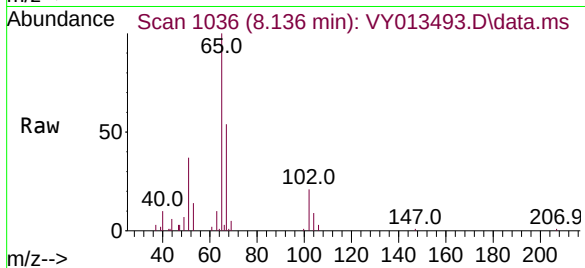
CRCA-1RE

Tgt Ion: 65 Resp: 12902

Ion Ratio Lower Upper

65 100

67 53.1 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: VY013493.D

Acq: 27 Apr 2023 15:43

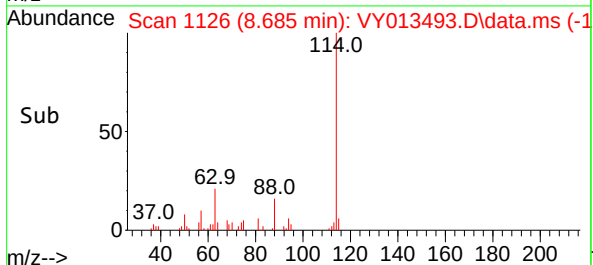
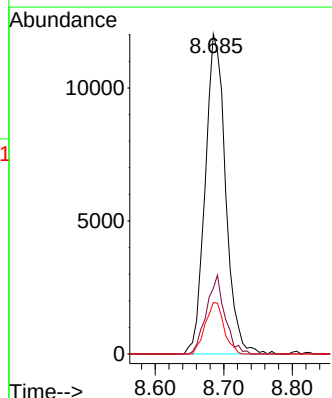
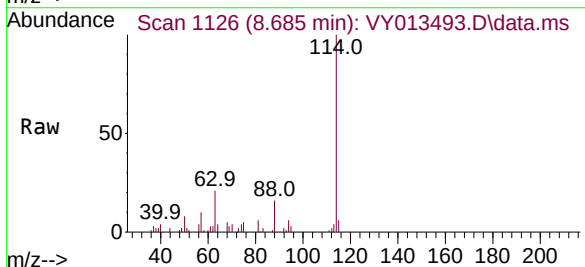
Tgt Ion: 114 Resp: 24846

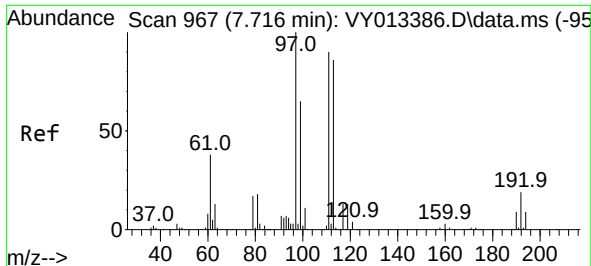
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 16.0 0.0 28.8

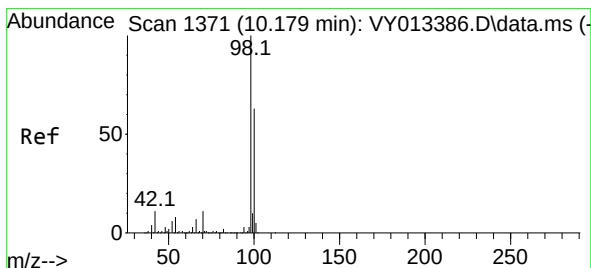
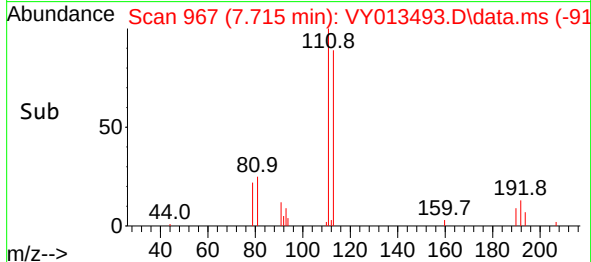
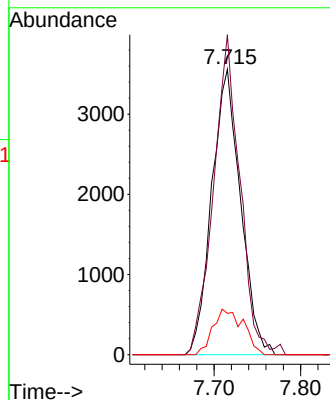
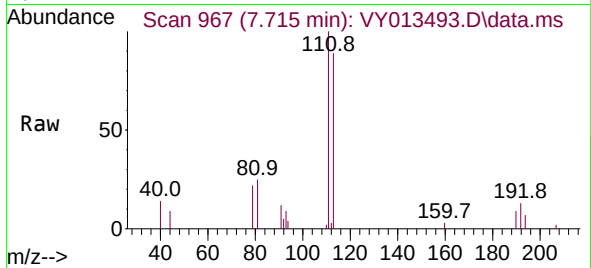




#35
Dibromofluoromethane
Concen: 52.640 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY013493.D
Acq: 27 Apr 2023 15:43

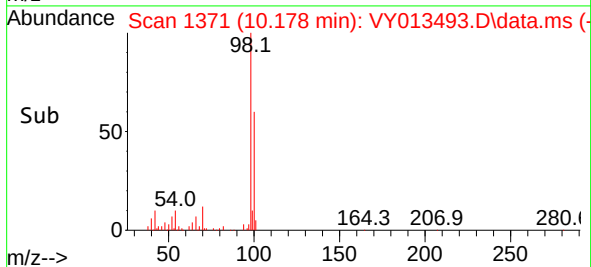
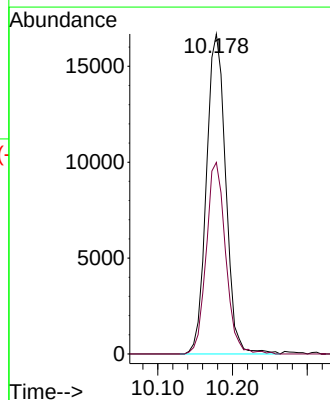
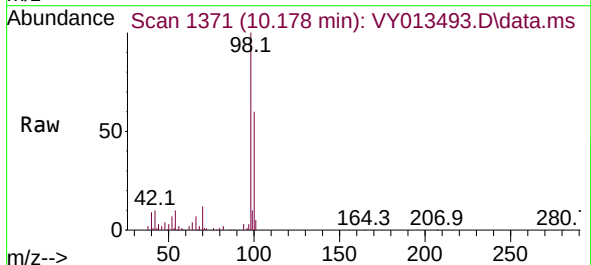
Instrument :
MSVOA_Y
ClientSampleId :
CRCA-1RE

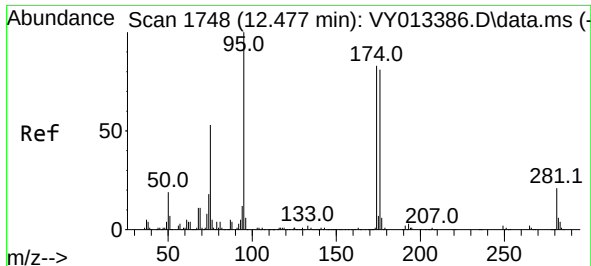
Tgt Ion:113 Resp: 8226
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 16.8 16.7 25.1



#50
Toluene-d8
Concen: 53.783 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013493.D
Acq: 27 Apr 2023 15:43

Tgt Ion: 98 Resp: 29899
Ion Ratio Lower Upper
98 100
100 60.2 50.5 75.7

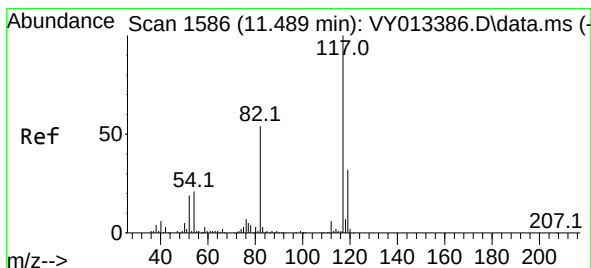
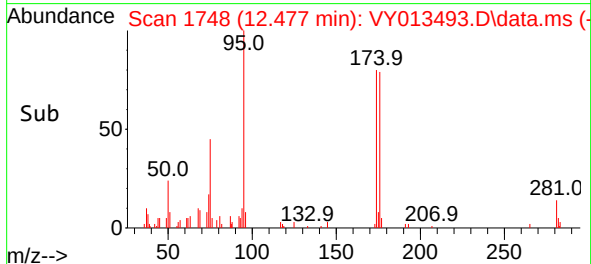
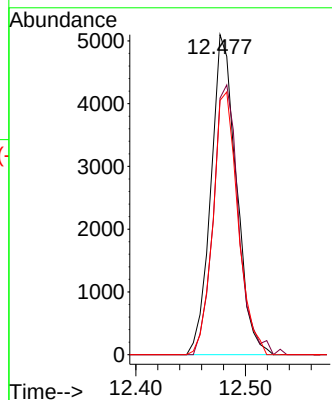
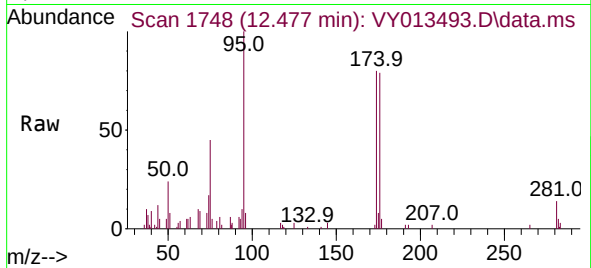




#62
4-Bromofluorobenzene
Concen: 43.791 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013493.D
Acq: 27 Apr 2023 15:43

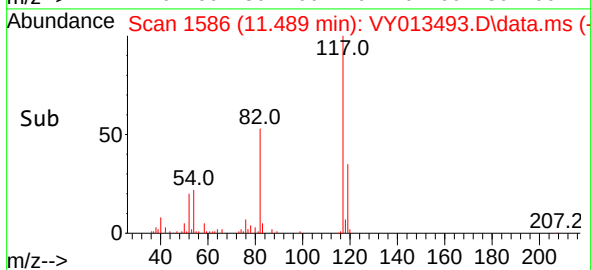
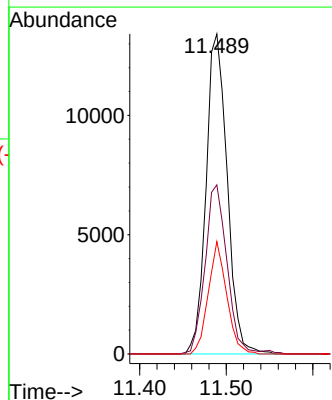
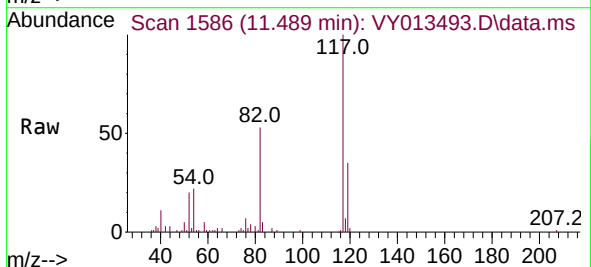
Instrument :
MSVOA_Y
ClientSampleId :
CRCA-1RE

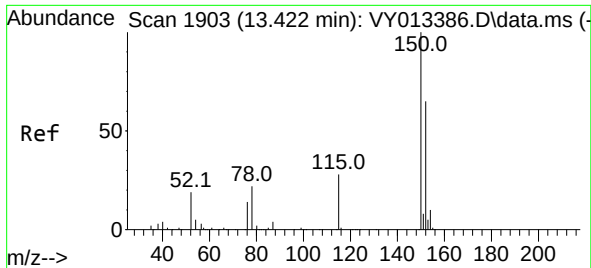
Tgt Ion: 95 Resp: 8207
Ion Ratio Lower Upper
95 100
174 84.2 0.0 182.0
176 80.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013493.D
Acq: 27 Apr 2023 15:43

Tgt Ion: 117 Resp: 22714
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.6
119 35.1 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: VY013493.D

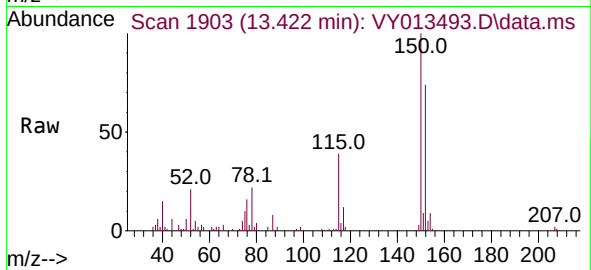
Acq: 27 Apr 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

CRCA-1RE



Tgt Ion:152 Resp: 8447

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

150 151.0 0.0 352.0

