

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018472.D
 Acq On : 04 Jun 2024 18:35
 Operator : SY/MD
 Sample : P2686-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPQ-VOC

Quant Time: Jun 05 01:29:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	15577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	31211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	27031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17122	55.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.704	113	13814	34.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.800%
50) Toluene-d8	10.173	98	51613	32.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.560%
62) 4-Bromofluorobenzene	12.477	95	13921	28.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.800%

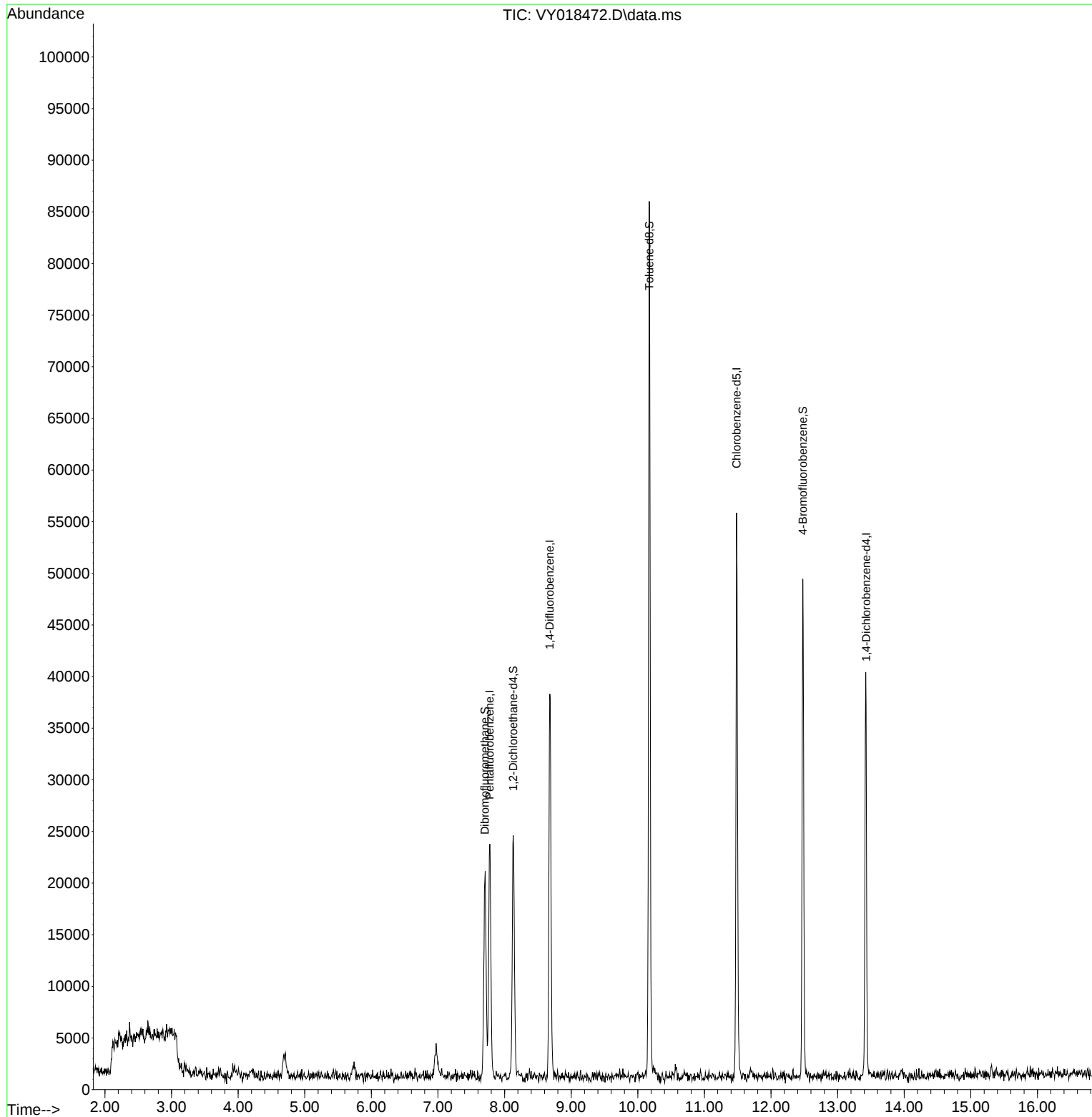
Target Compounds	Qvalue

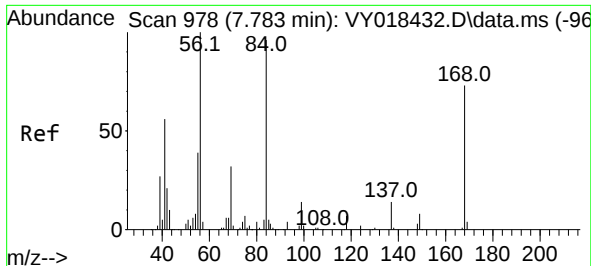
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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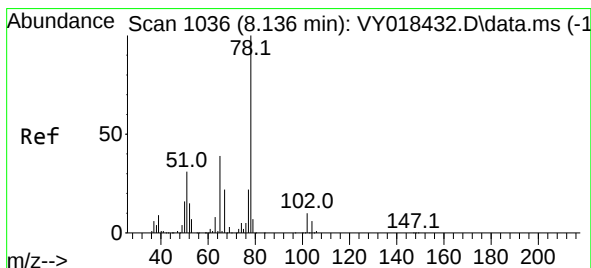
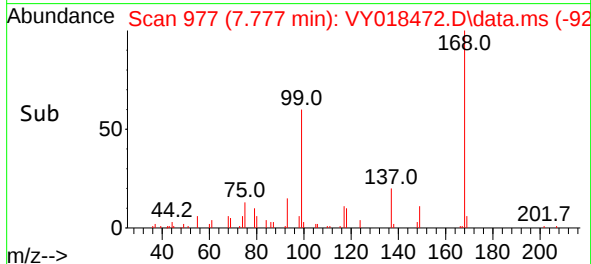
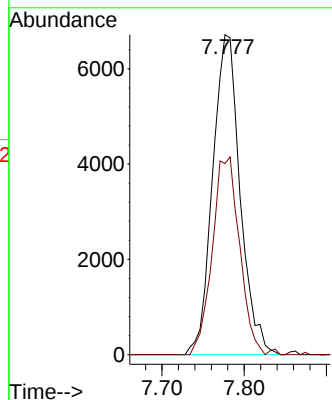
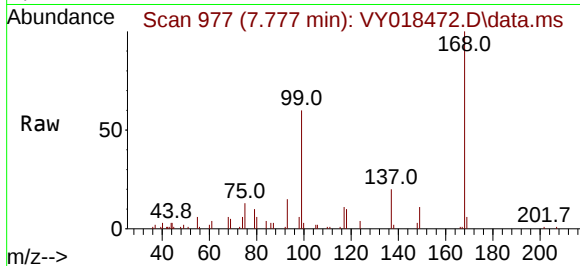




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

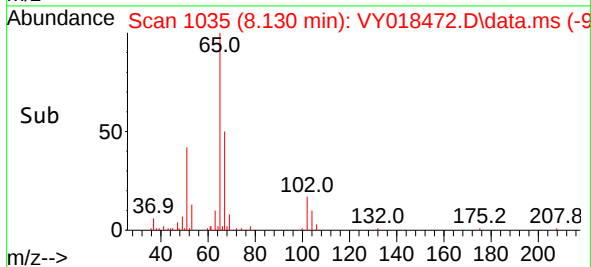
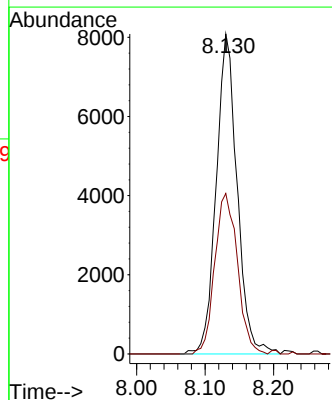
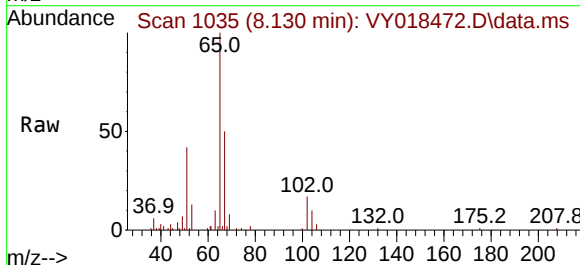
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPQ-VOC

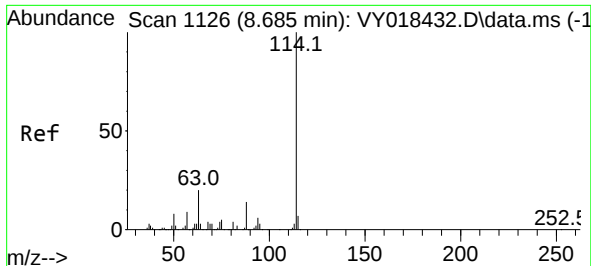
Tgt Ion:168 Resp: 15577
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.971 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Tgt Ion: 65 Resp: 17122
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018472.D

Acq: 04 Jun 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPQ-VOC

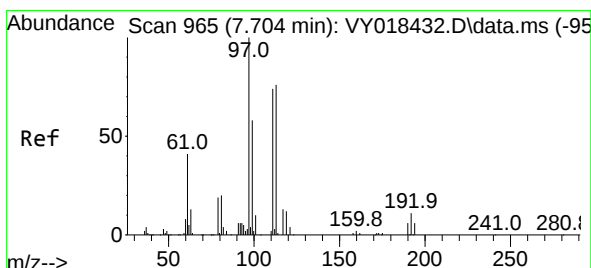
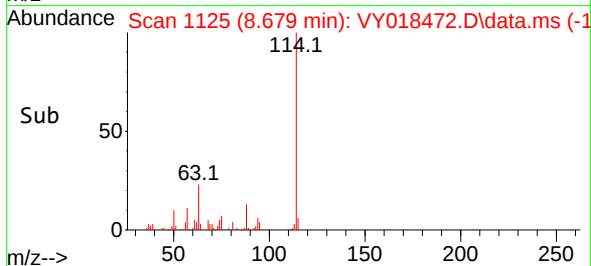
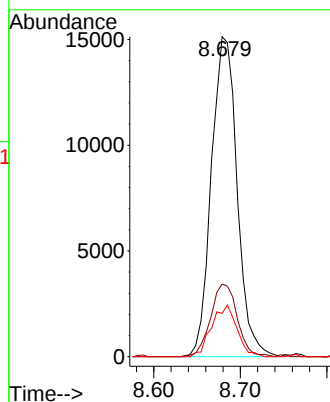
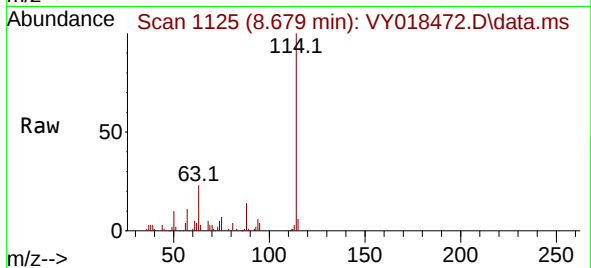
Tgt Ion:114 Resp: 31211

Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.904 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018472.D

Acq: 04 Jun 2024 18:35

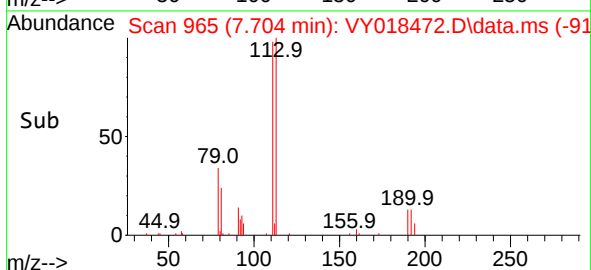
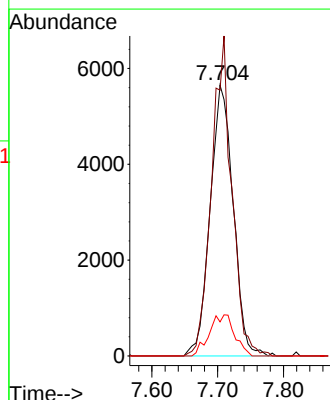
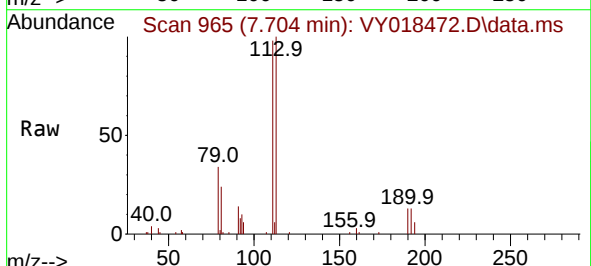
Tgt Ion:113 Resp: 13814

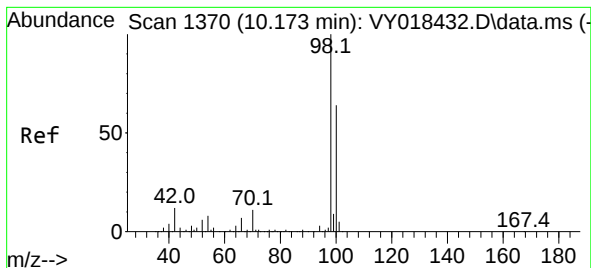
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 16.6 15.9 23.9

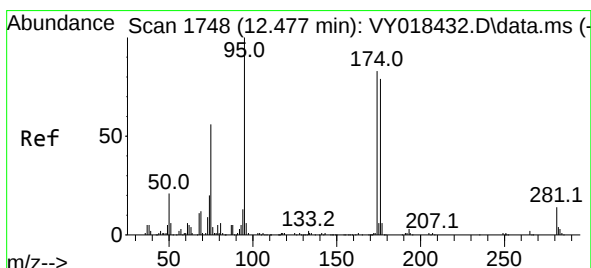
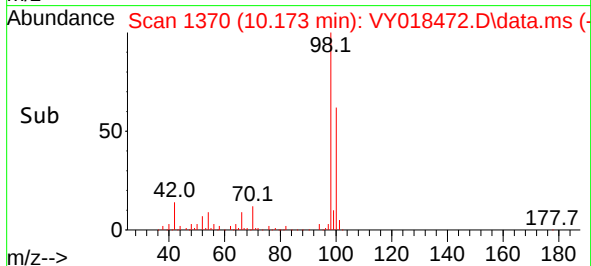
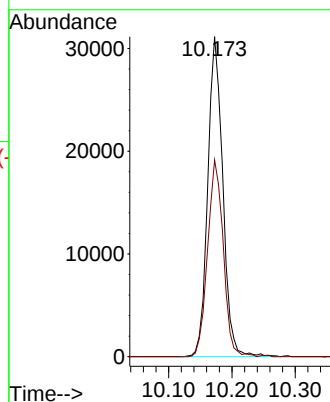
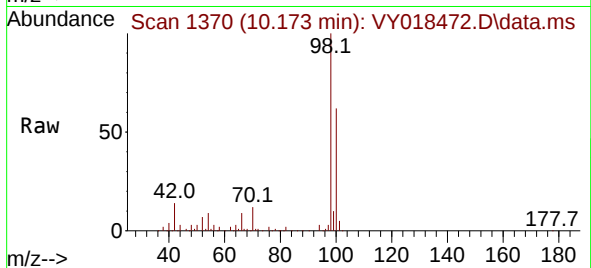




#50
Toluene-d8
Concen: 32.780 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

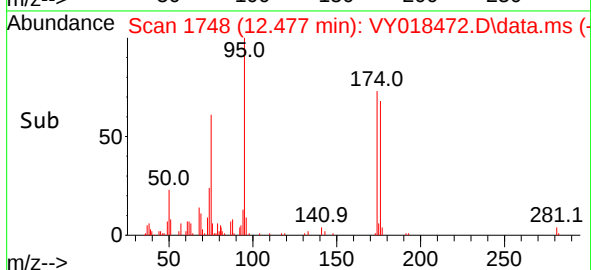
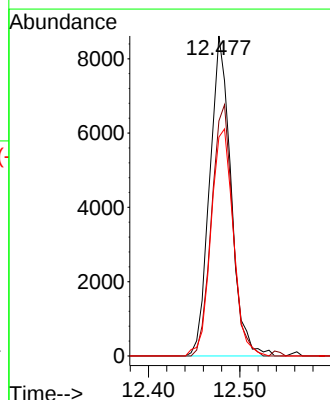
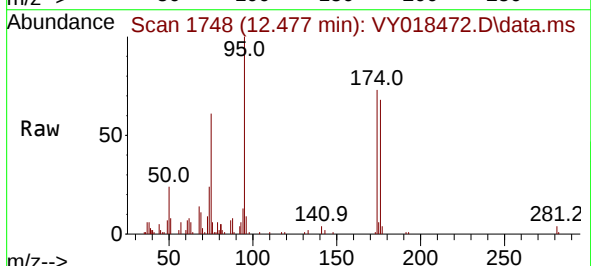
Instrument :
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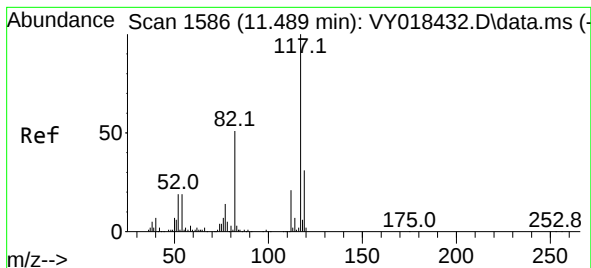
Tgt Ion: 98 Resp: 51613
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.397 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Tgt Ion: 95 Resp: 13921
Ion Ratio Lower Upper
95 100
174 78.2 0.0 175.6
176 74.4 0.0 171.4

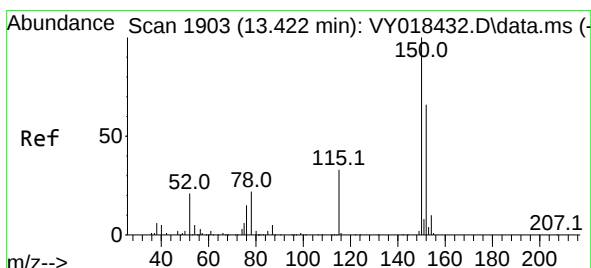
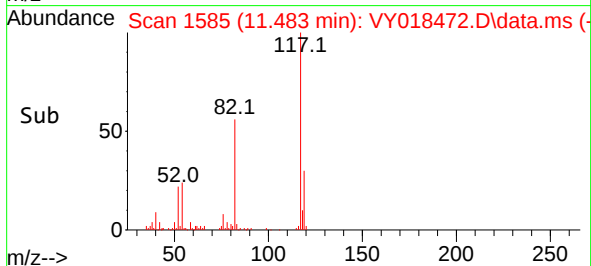
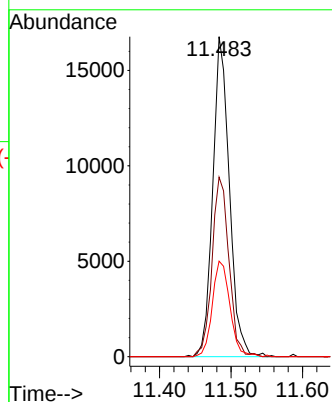
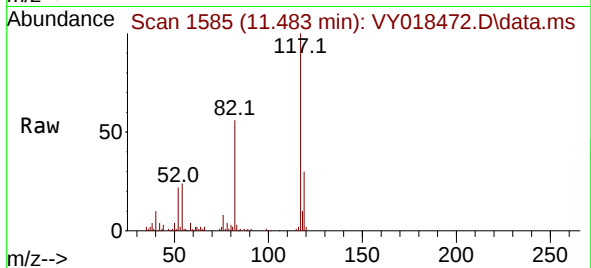




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPQ-VOC

Tgt Ion:	117	Resp:	27031
Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.4	63.6
119	29.9	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Tgt Ion:	152	Resp:	9495
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.7
150	154.3	0.0	345.6

