

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018495.D
 Acq On : 05 Jun 2024 19:28
 Operator : SY/MD
 Sample : P2740-07
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPB-VOC

Quant Time: Jun 06 05:59:58 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)

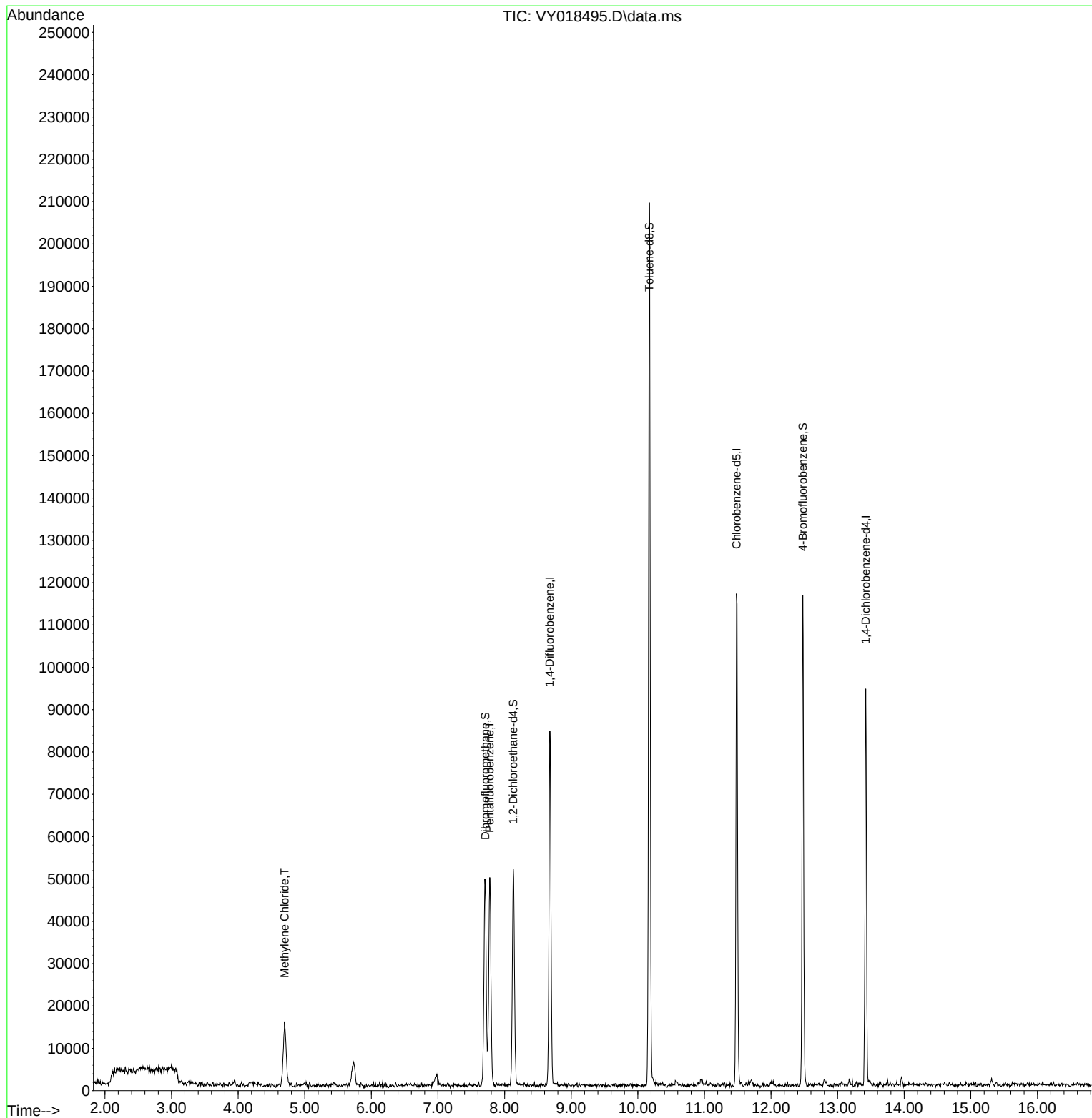
Internal Standards						
1) Pentafluorobenzene	7.777	168	33877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	68273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	61249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36908	55.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.960%
35) Dibromofluoromethane	7.710	113	33596	38.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.620%
50) Toluene-d8	10.173	98	128613	37.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.680%
62) 4-Bromofluorobenzene	12.477	95	33278	31.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.060%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	9950	9.259	ug/l	# 74

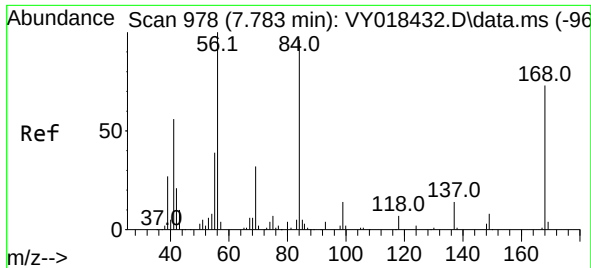
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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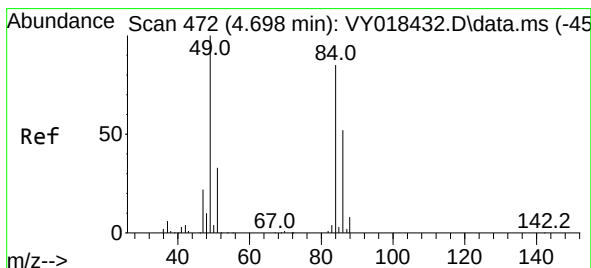
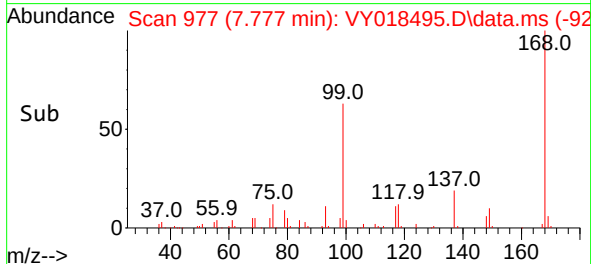
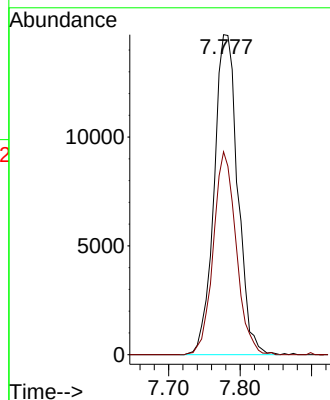
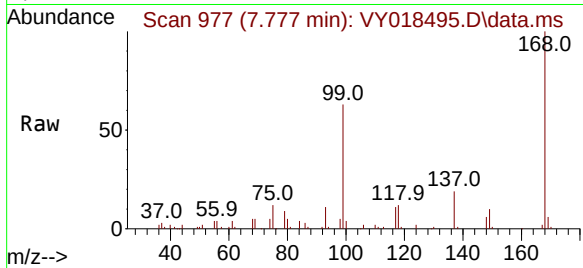




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

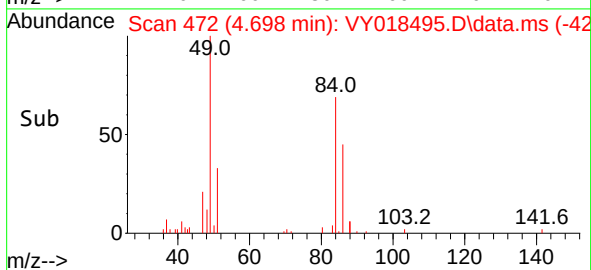
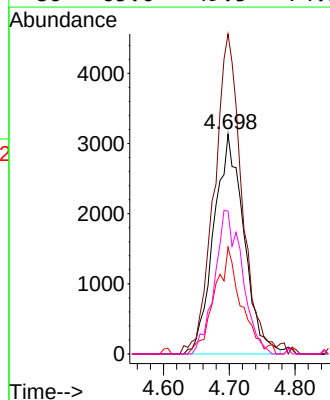
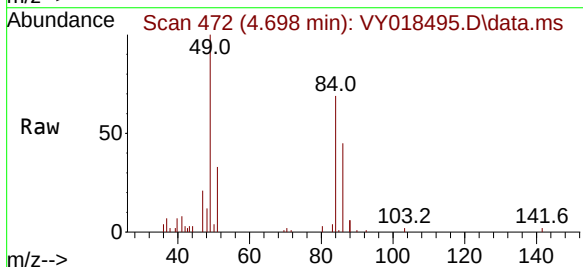
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPB-VOC

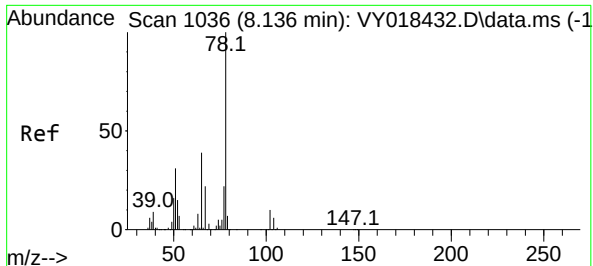
Tgt Ion:168 Resp: 33877
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#20
Methylene Chloride
Concen: 9.259 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 84 Resp: 9950
Ion Ratio Lower Upper
84 100
49 145.7 84.4 126.6#
51 48.6 26.0 39.0#
86 65.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 55.476 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

Instrument :

MSVOA_Y

ClientSampleId :

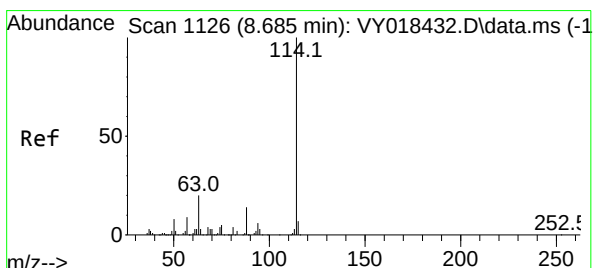
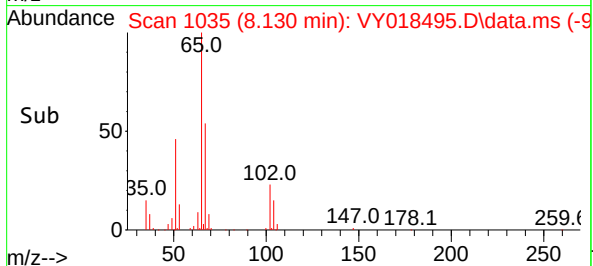
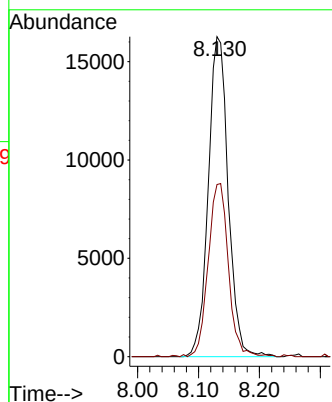
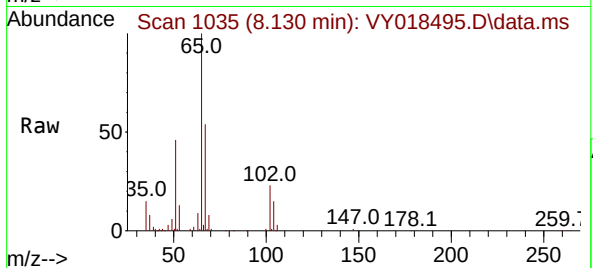
WCS-TPB-VOC

Tgt Ion: 65 Resp: 36908

Ion Ratio Lower Upper

65 100

67 54.7 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: VY018495.D

Acq: 05 Jun 2024 19:28

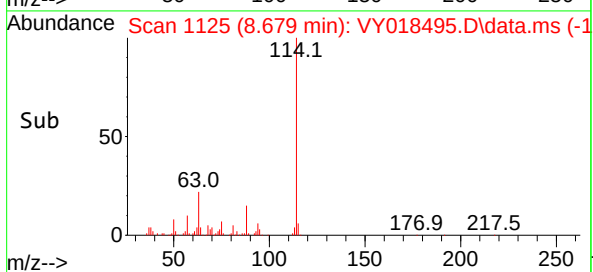
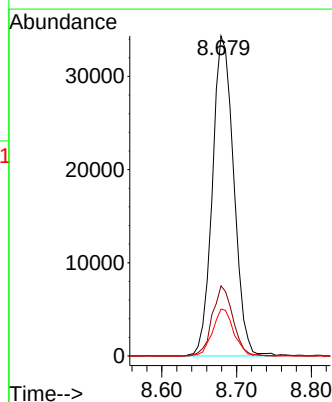
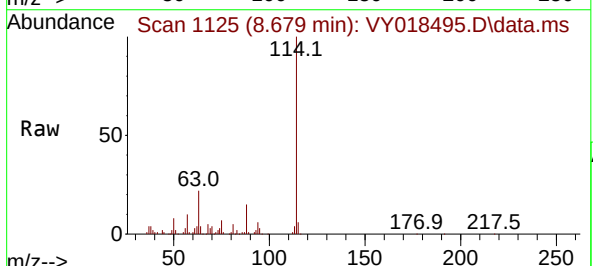
Tgt Ion: 114 Resp: 68273

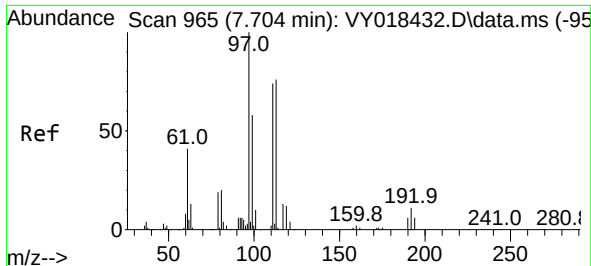
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 14.6 0.0 27.2

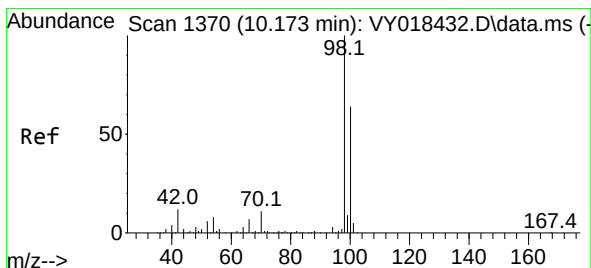
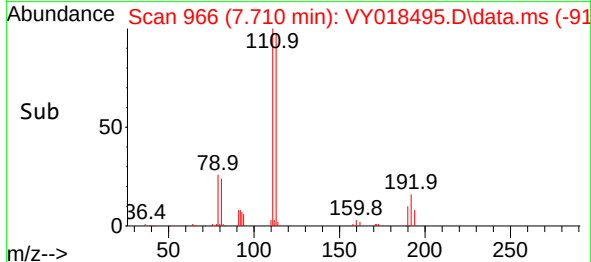
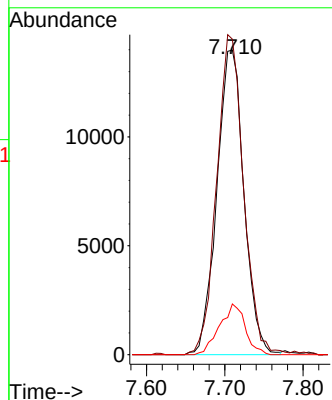
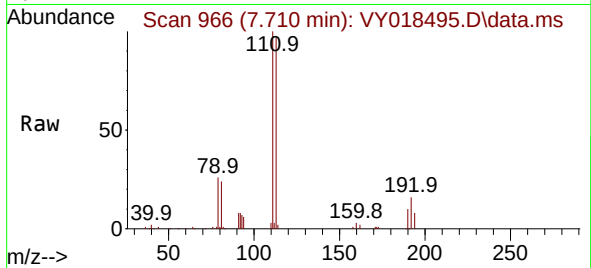




#35
Dibromofluoromethane
Concen: 38.806 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

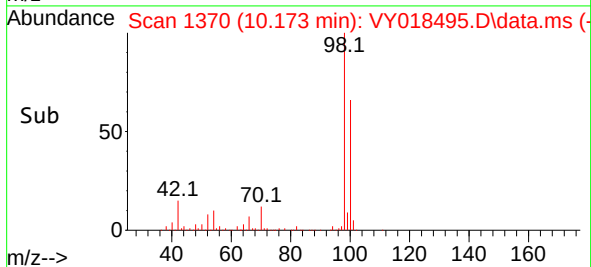
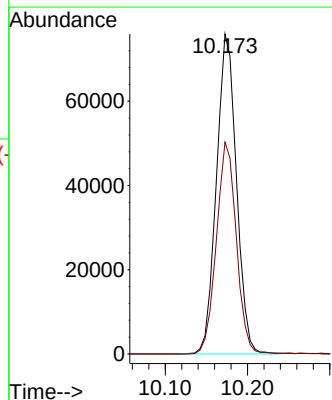
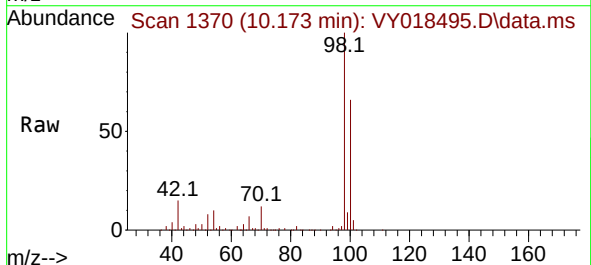
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPB-VOC

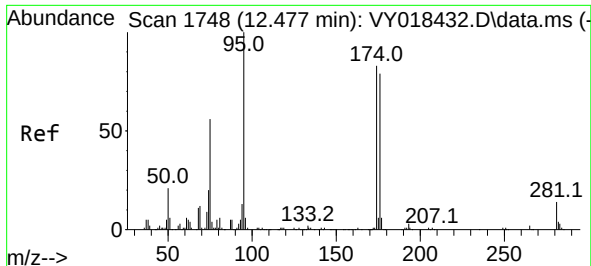
Tgt Ion:113 Resp: 33596
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.8 15.9 23.9#



#50
Toluene-d8
Concen: 37.342 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 98 Resp: 128613
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

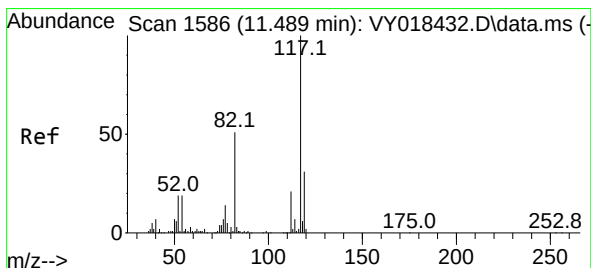
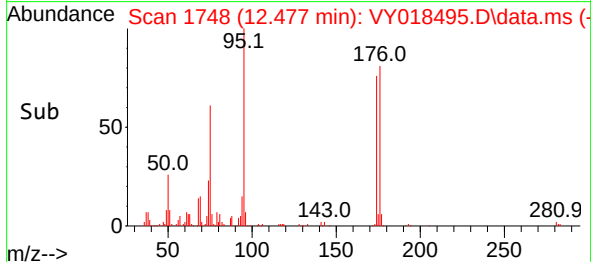
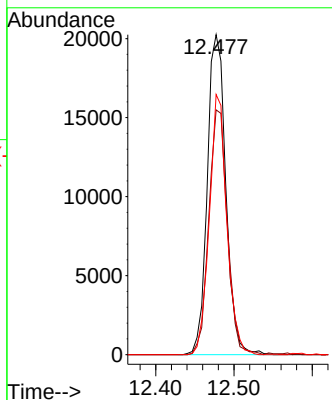
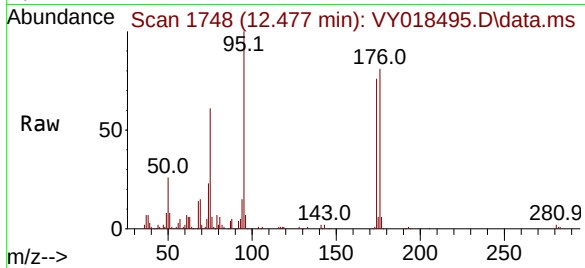




#62
4-Bromofluorobenzene
Concen: 31.032 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

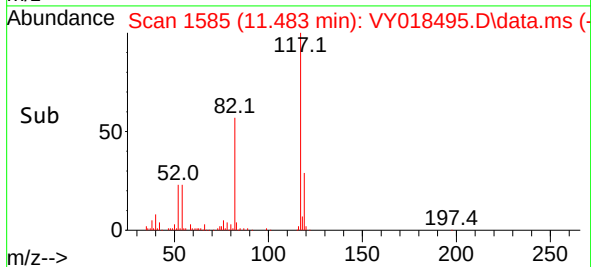
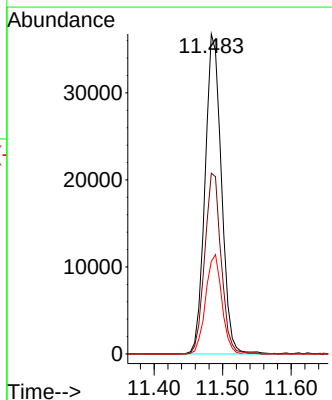
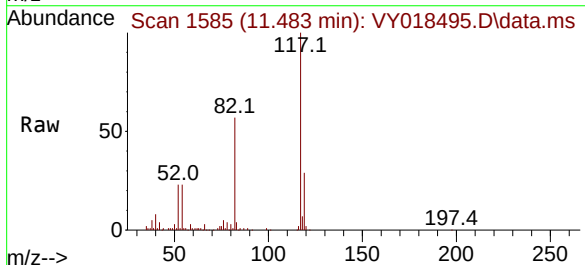
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPB-VOC

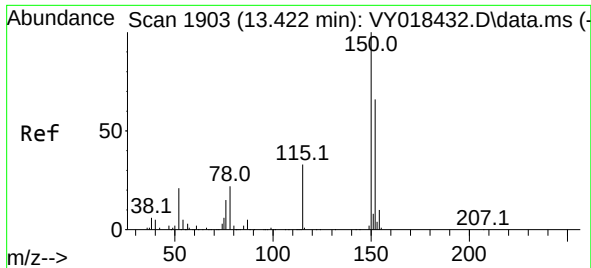
Tgt Ion: 95 Resp: 33278
Ion Ratio Lower Upper
95 100
174 76.3 0.0 175.6
176 76.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 117 Resp: 61249
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 28.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018495.D
 Acq: 05 Jun 2024 19:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPB-VOC

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.7
150	164.1	0.0	345.6

