

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018473.D
 Acq On : 04 Jun 2024 18:59
 Operator : SY/MD
 Sample : P2686-07
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPP-VOC

Quant Time: Jun 05 01:30:11 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)

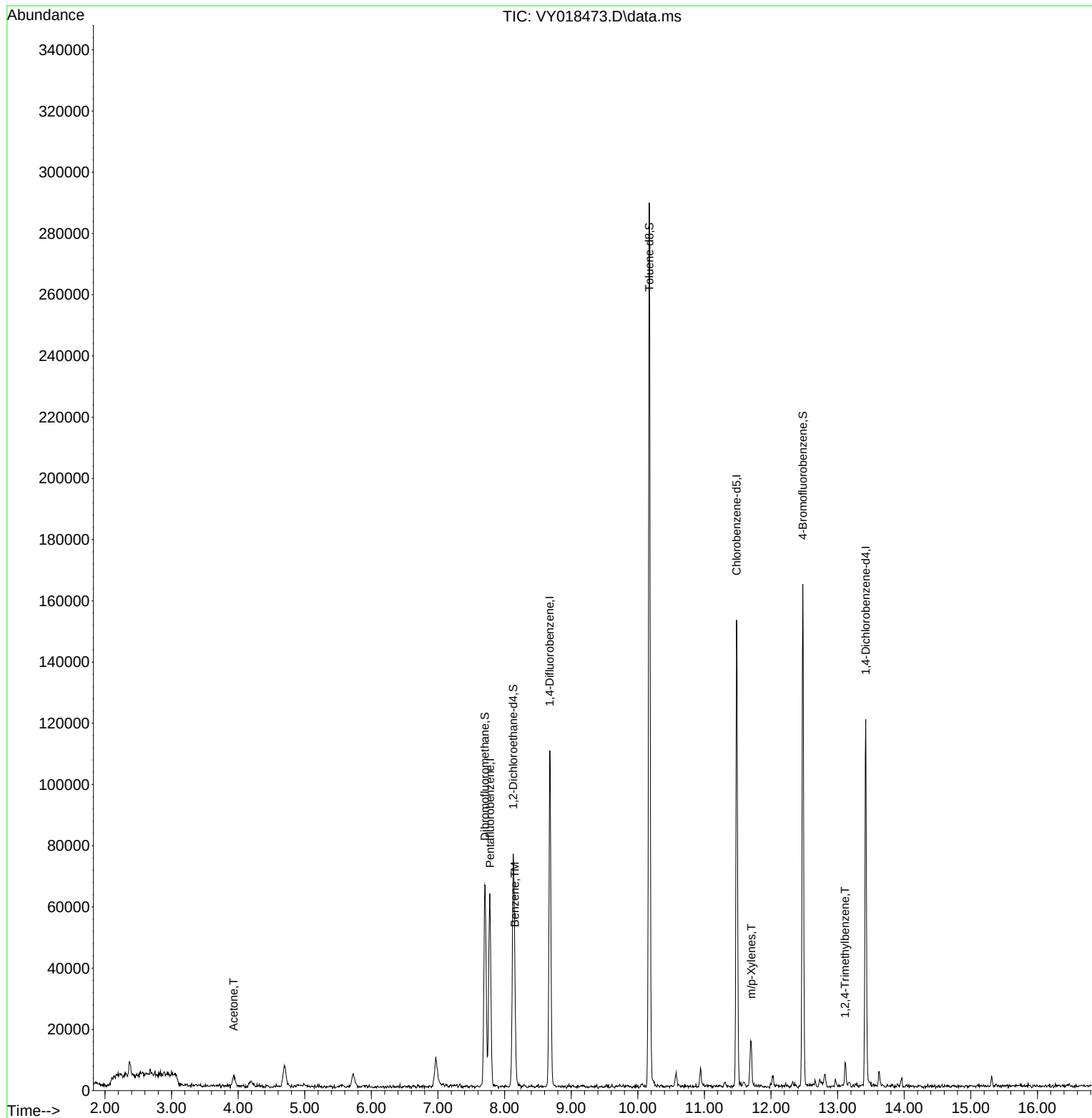
Internal Standards						
1) Pentafluorobenzene	7.783	168	43903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	88909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	76859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46134	53.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.020%
35) Dibromofluoromethane	7.704	113	46960	41.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.300%
50) Toluene-d8	10.173	98	180023	40.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.280%
62) 4-Bromofluorobenzene	12.477	95	48150	34.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.960%
Target Compounds						
						Qvalue
16) Acetone	3.930	43	6536	34.155	ug/l	94
40) Benzene	8.155	78	20810	4.040	ug/l	98
68) m/p-Xylenes	11.703	106	4956	2.194	ug/l	87
84) 1,2,4-Trimethylbenzene	13.111	105	3826	1.737	ug/l	96

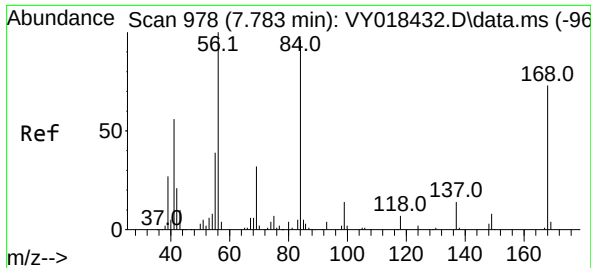
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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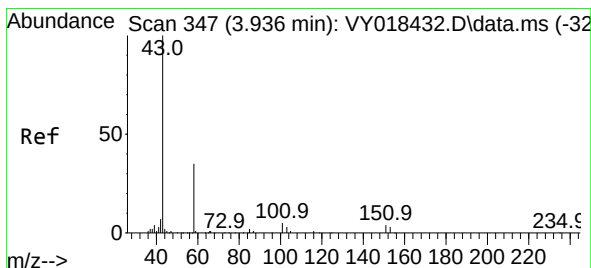
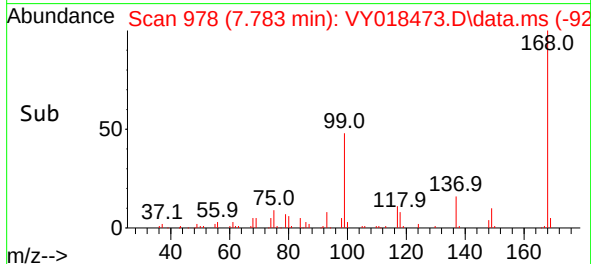
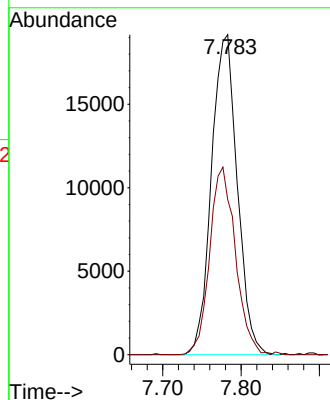
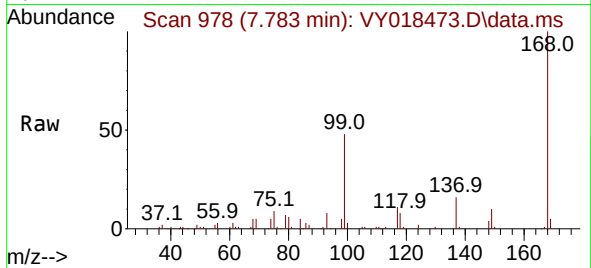




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

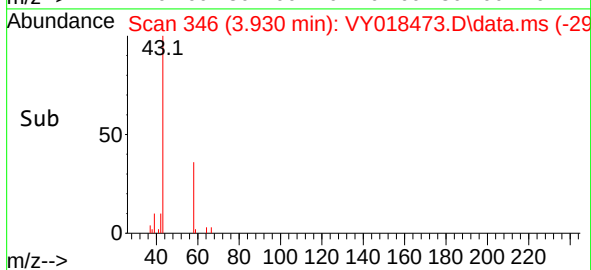
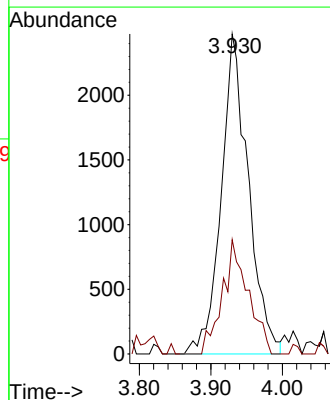
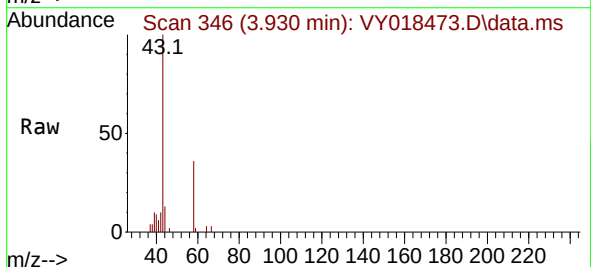
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOC

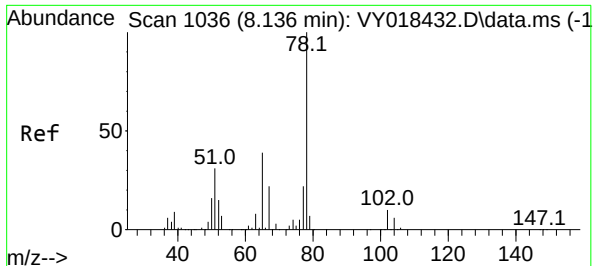
Tgt Ion:168 Resp: 43903
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#16
Acetone
Concen: 34.155 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 43 Resp: 6536
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 53.508 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018473.D

Acq: 04 Jun 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

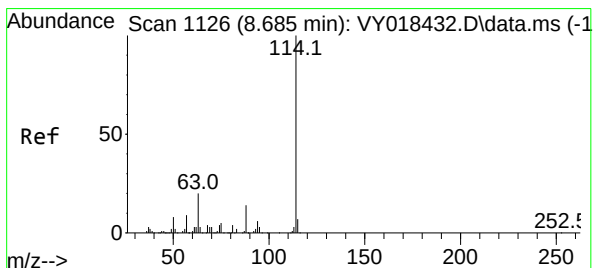
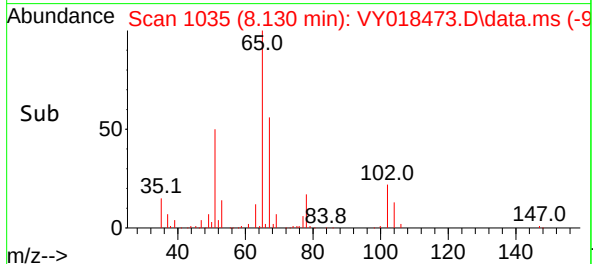
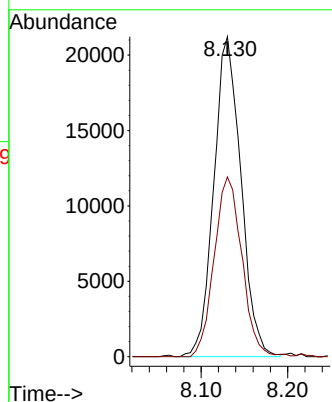
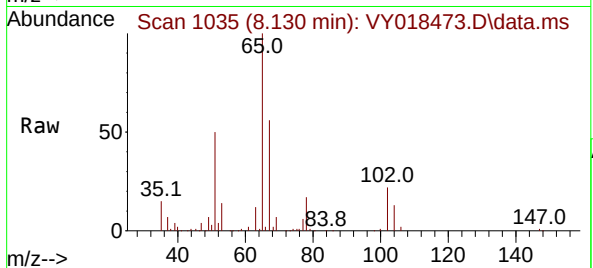
WCS-TPP-VOC

Tgt Ion: 65 Resp: 46134

Ion Ratio Lower Upper

65 100

67 57.4 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: VY018473.D

Acq: 04 Jun 2024 18:59

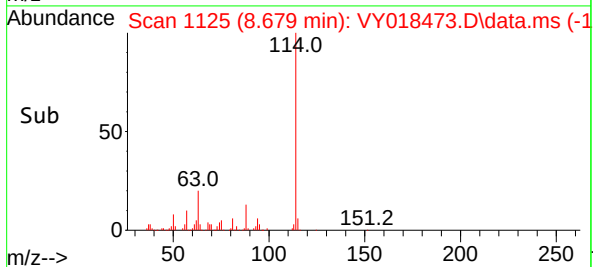
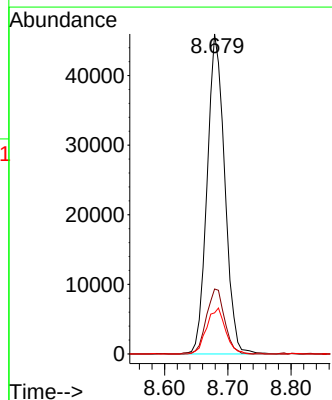
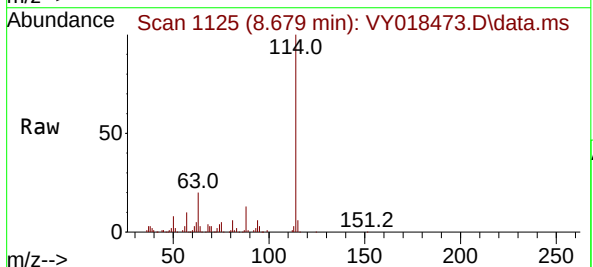
Tgt Ion: 114 Resp: 88909

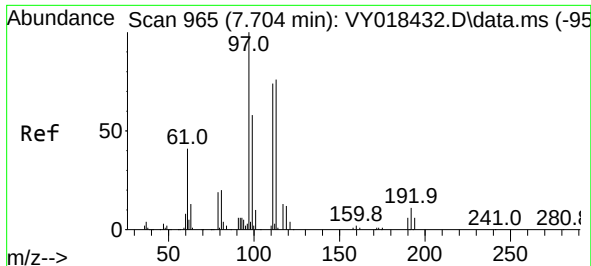
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 12.8 0.0 27.2

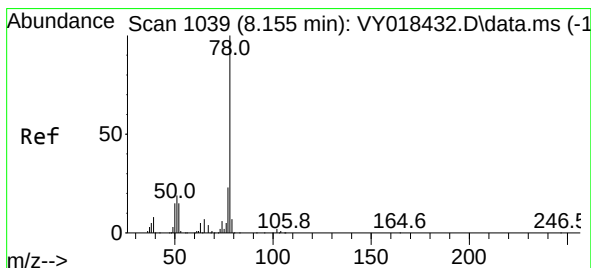
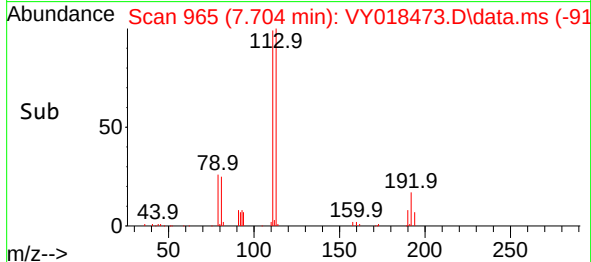
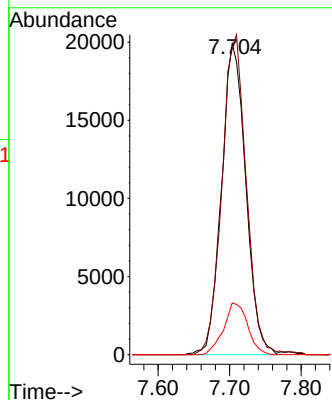
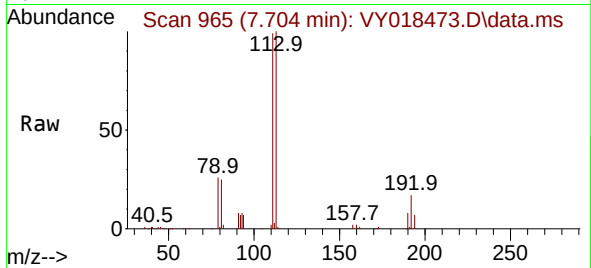




#35
Dibromofluoromethane
Concen: 41.652 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

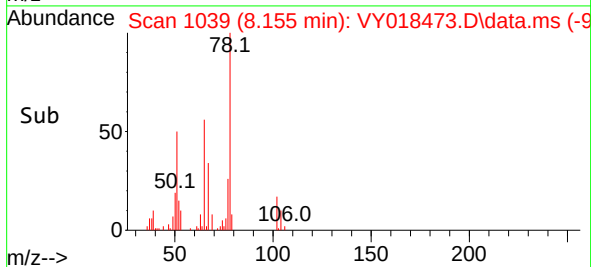
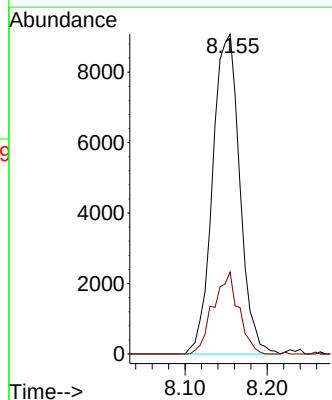
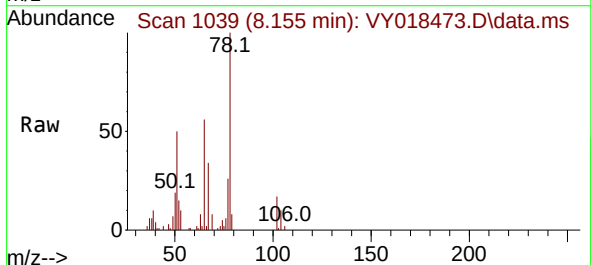
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOC

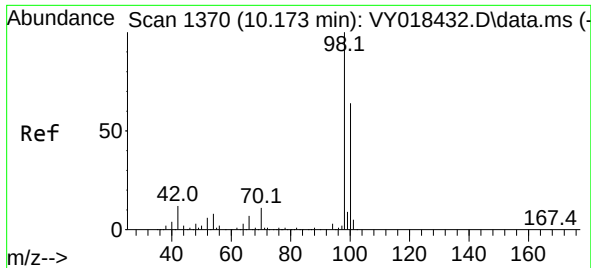
Tgt Ion:113 Resp: 46960
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 16.5 15.9 23.9



#40
Benzene
Concen: 4.040 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 78 Resp: 20810
Ion Ratio Lower Upper
78 100
77 25.6 19.5 29.3

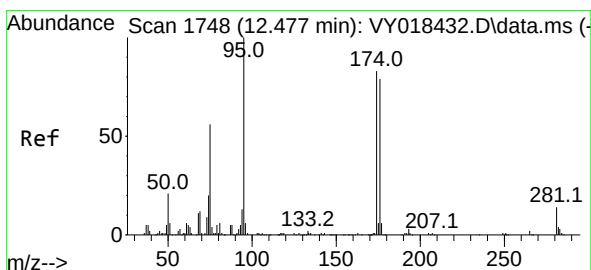
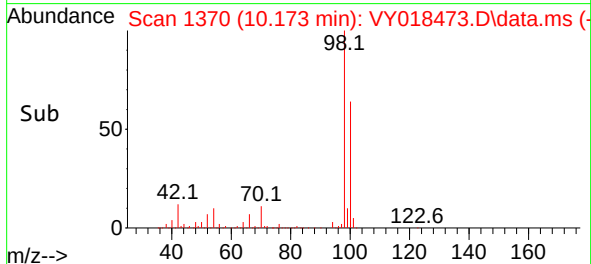
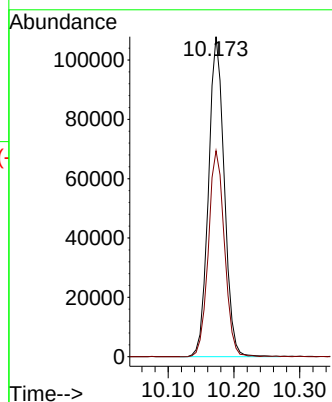
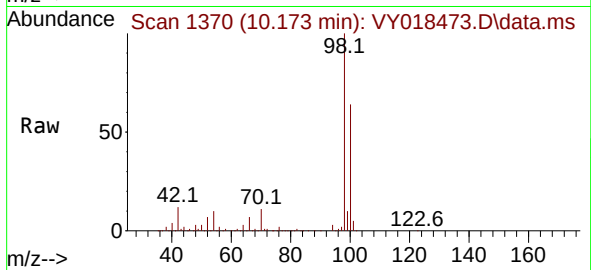




#50
Toluene-d8
Concen: 40.137 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

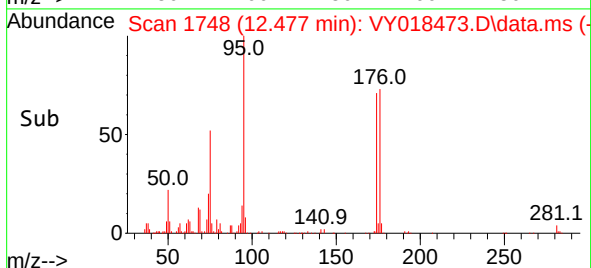
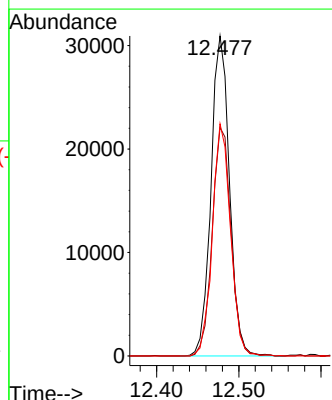
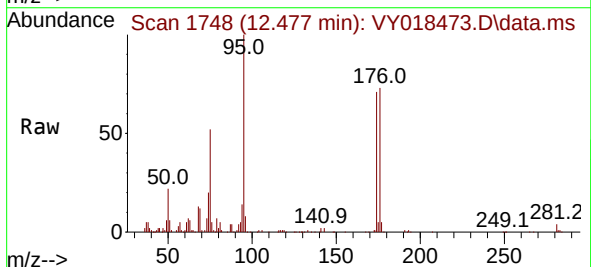
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOC

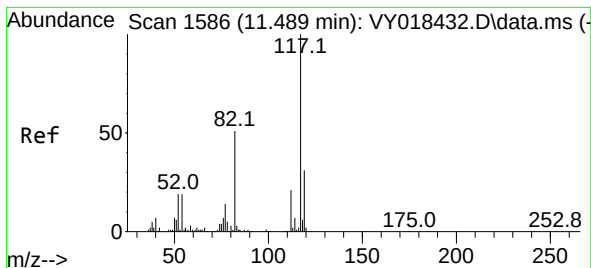
Tgt Ion: 98 Resp: 180023
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.479 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion: 95 Resp: 48150
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 71.2 0.0 171.4

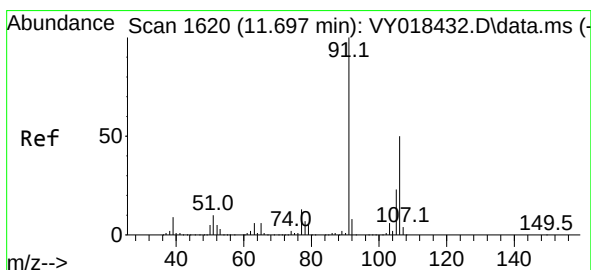
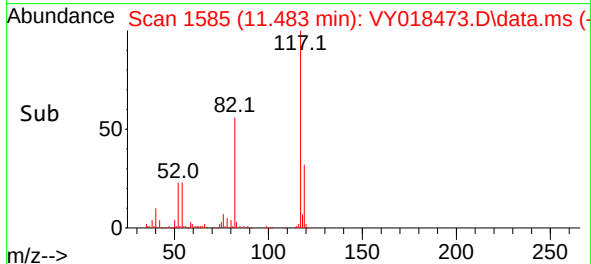
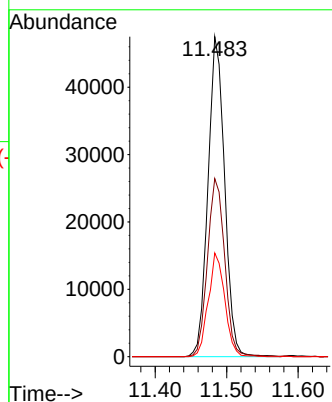
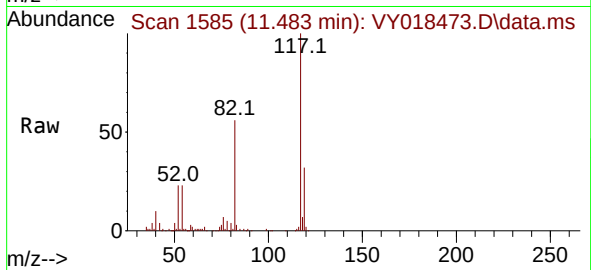




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

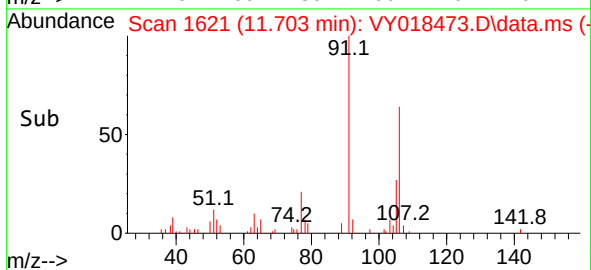
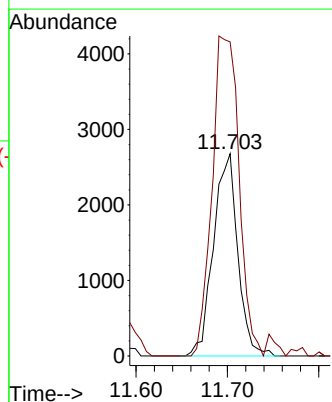
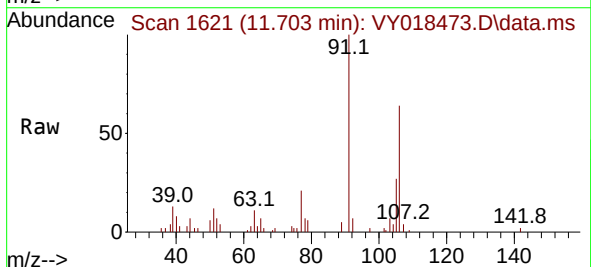
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOC

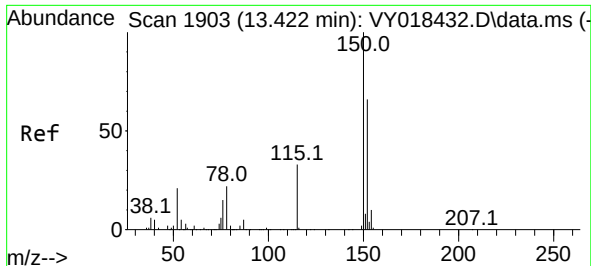
Tgt Ion:	117	Resp:	76859
Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.4	63.6
119	32.4	25.9	38.9



#68
m/p-Xylenes
Concen: 2.194 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY018473.D
Acq: 04 Jun 2024 18:59

Tgt Ion:	106	Resp:	4956
Ion	Ratio	Lower	Upper
106	100		
91	175.1	156.0	234.0

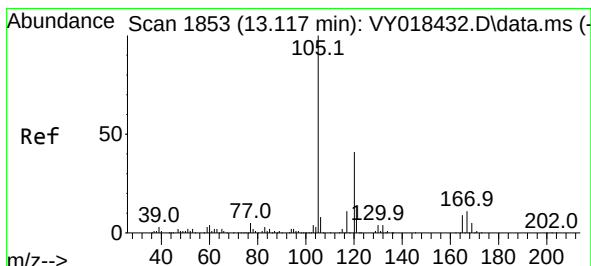
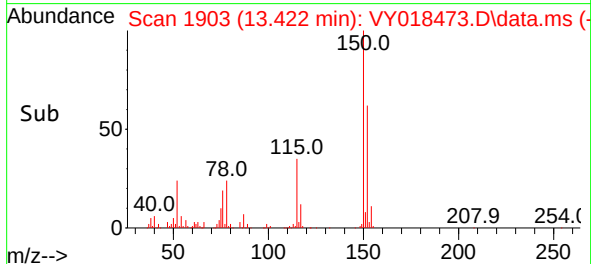
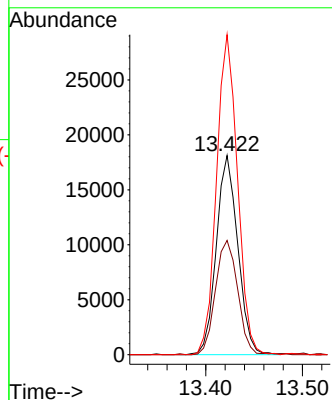
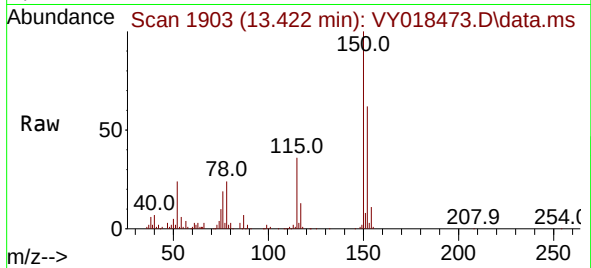




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018473.D
 Acq: 04 Jun 2024 18:59

Instrument :
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Tgt Ion:152 Resp: 27989
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.2 84.7
 150 156.5 0.0 345.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.737 ug/l
 RT: 13.111 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VY018473.D
 Acq: 04 Jun 2024 18:59

Tgt Ion:105 Resp: 3826
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.2 69.6

