

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018474.D
 Acq On : 04 Jun 2024 19:24
 Operator : SY/MD
 Sample : P2704-03
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TPO-VOC

Quant Time: Jun 05 01:30:42 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	39344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	77278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	63323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	34934	45.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.420%
35) Dibromofluoromethane	7.704	113	36129	36.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.740%
50) Toluene-d8	10.173	98	155891	39.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.980%
62) 4-Bromofluorobenzene	12.477	95	35784	29.481	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.960%

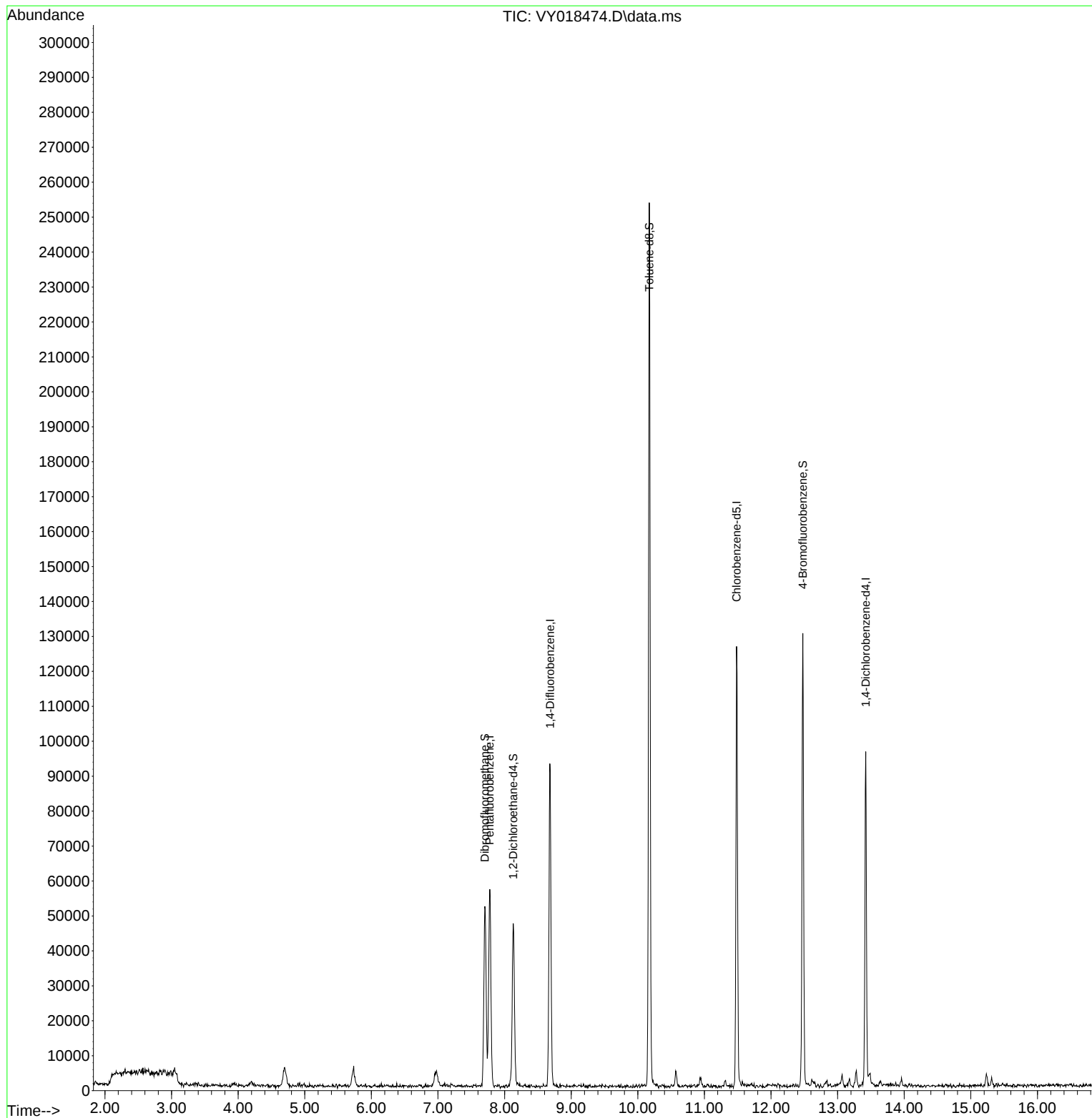
Target Compounds	Qvalue

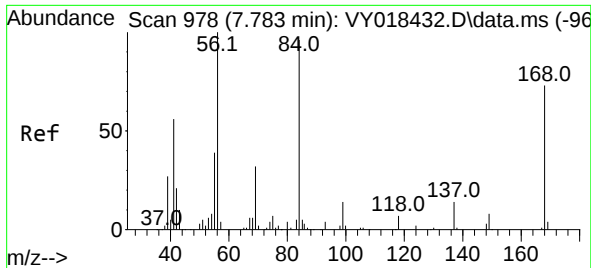
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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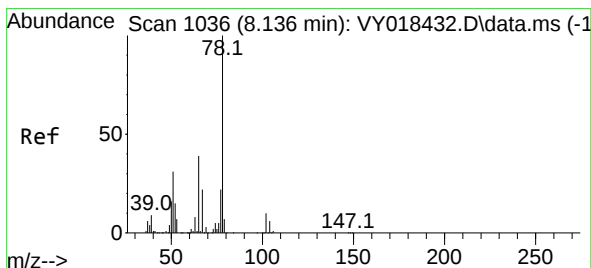
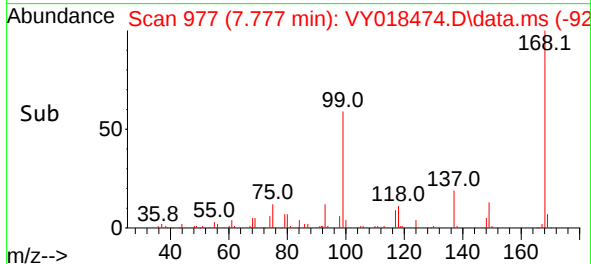
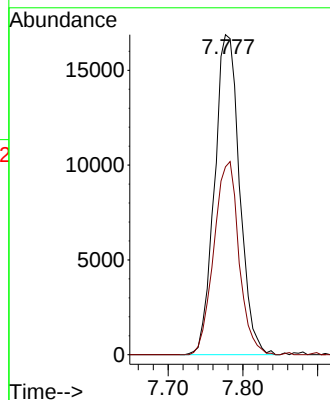
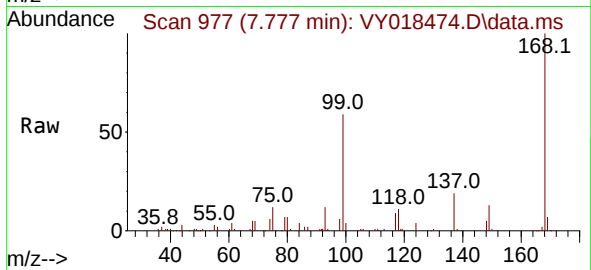




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

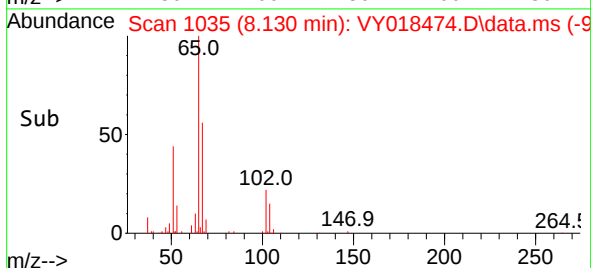
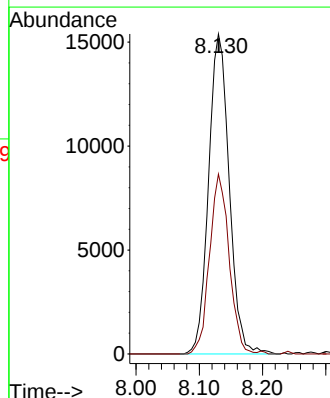
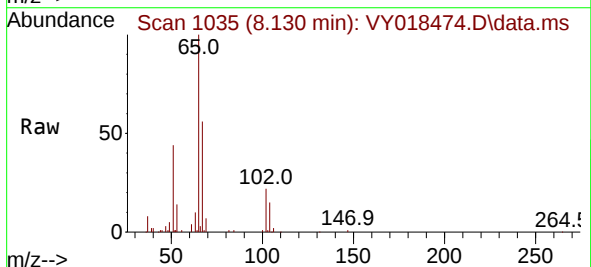
Instrument :
MSVOA_Y
ClientSampleId :
TPO-VOC

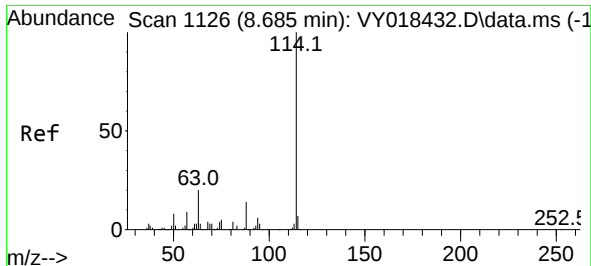
Tgt Ion:168 Resp: 39344
Ion Ratio Lower Upper
168 100
99 58.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 45.213 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Tgt Ion: 65 Resp: 34934
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

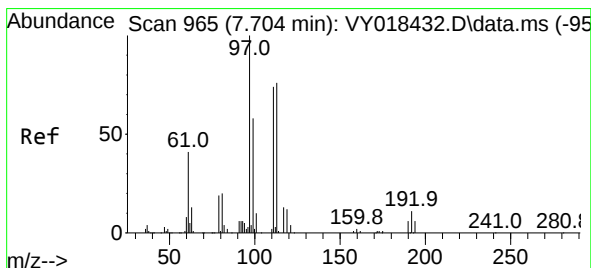
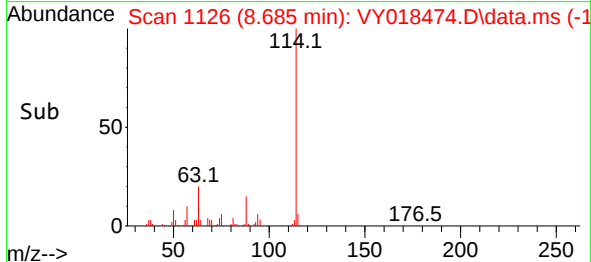
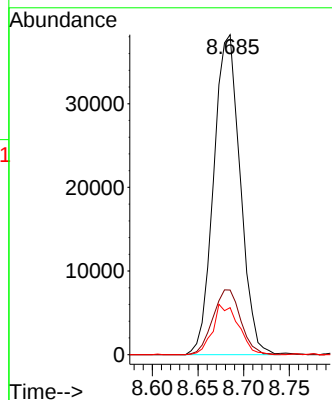
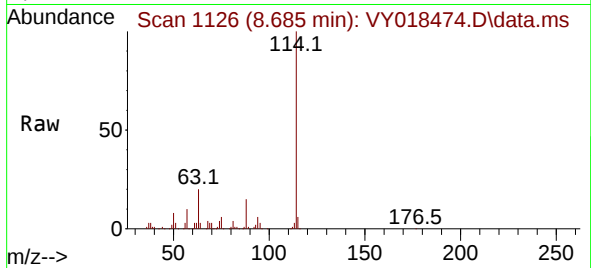




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

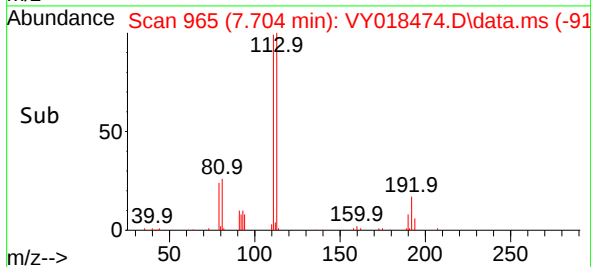
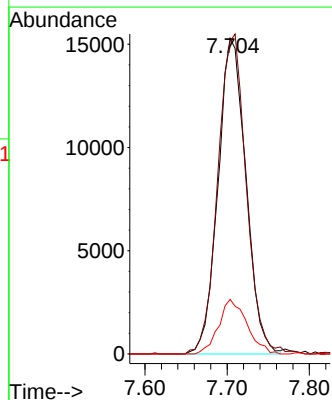
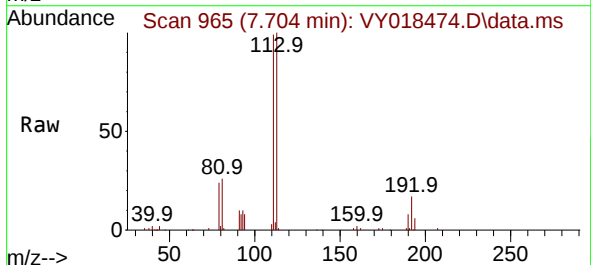
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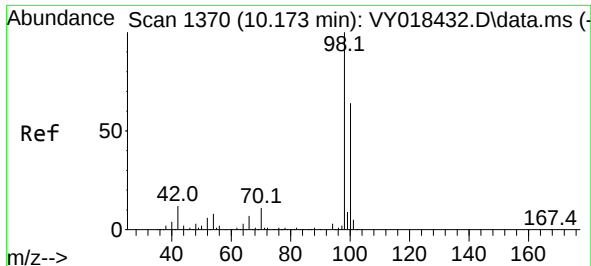
Tgt Ion:	114	Resp:	77278
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	35.0
88	14.7	0.0	27.2



#35
Dibromofluoromethane
Concen: 36.869 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Tgt Ion:	113	Resp:	36129
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	17.5	15.9	23.9

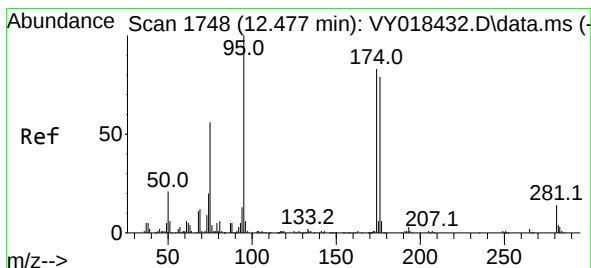
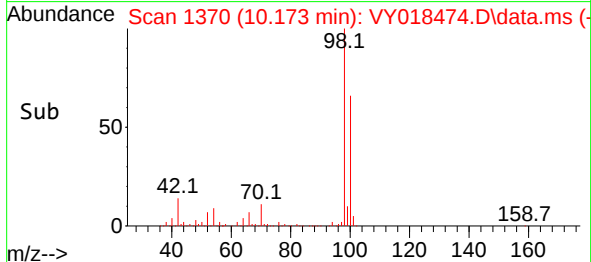
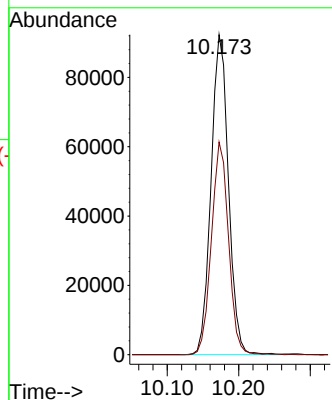
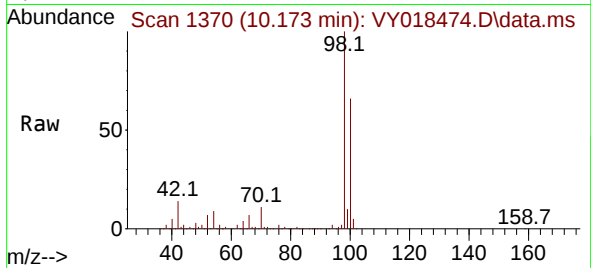




#50
Toluene-d8
Concen: 39.988 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

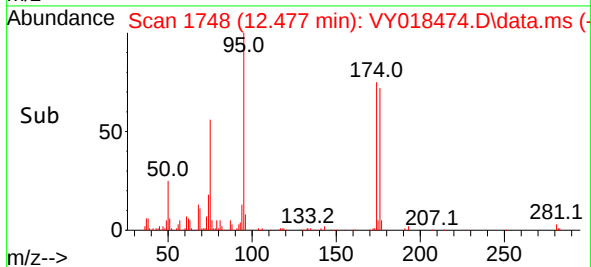
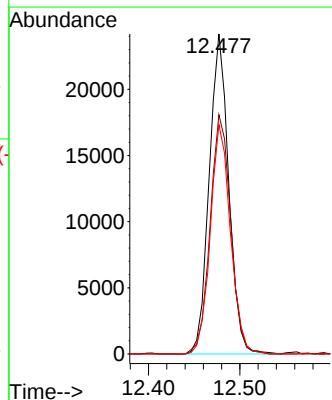
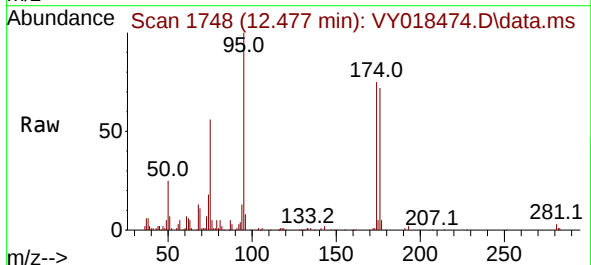
Instrument :
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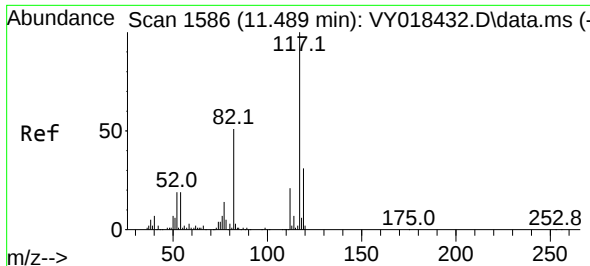
Tgt Ion: 98 Resp: 155891
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.481 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Tgt Ion: 95 Resp: 35784
Ion Ratio Lower Upper
95 100
174 79.1 0.0 175.6
176 74.1 0.0 171.4

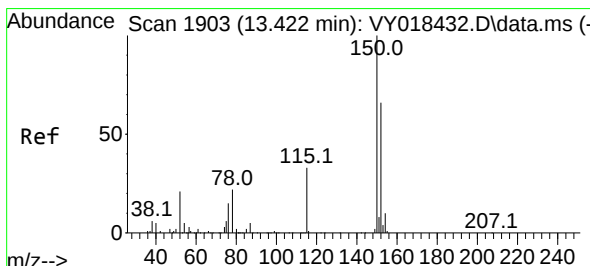
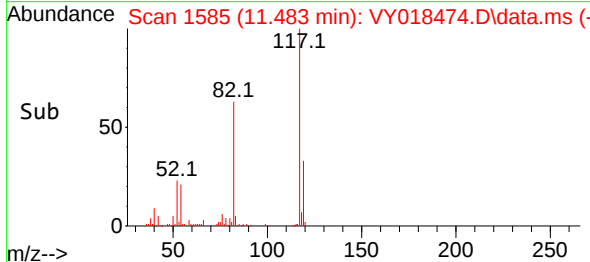
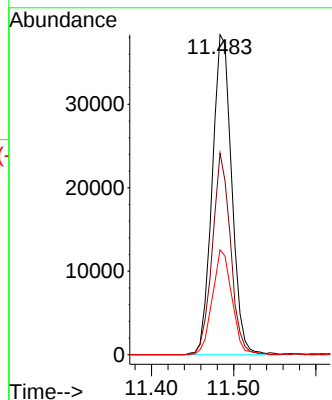
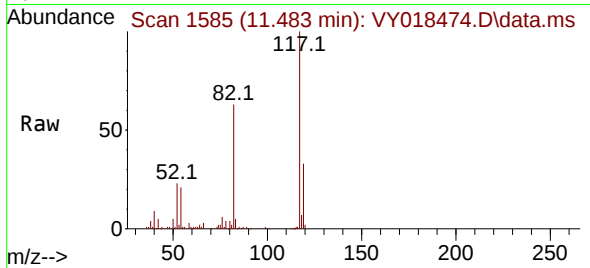




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018474.D
Acq: 04 Jun 2024 19:24

Instrument :
MSVOA_Y
ClientSampleId :
TPO-VOC

Tgt Ion:	117	Resp:	63323
Ion	Ratio	Lower	Upper
117	100		
82	63.0	42.4	63.6
119	32.7	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: VY018474.D
Acq: 04 Jun 2024 19:24

Tgt Ion:	152	Resp:	22055
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	155.6	0.0	345.6

