

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018632.D
 Acq On : 18 Jun 2024 16:25
 Operator : SY/MD
 Sample : P2917-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROADRE

Quant Time: Jun 19 02:03:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	11519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	19299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	15295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	6164	53.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.300%
35) Dibromofluoromethane	7.710	113	6293	53.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.172	98	20873	46.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.477	95	5217	36.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.980%

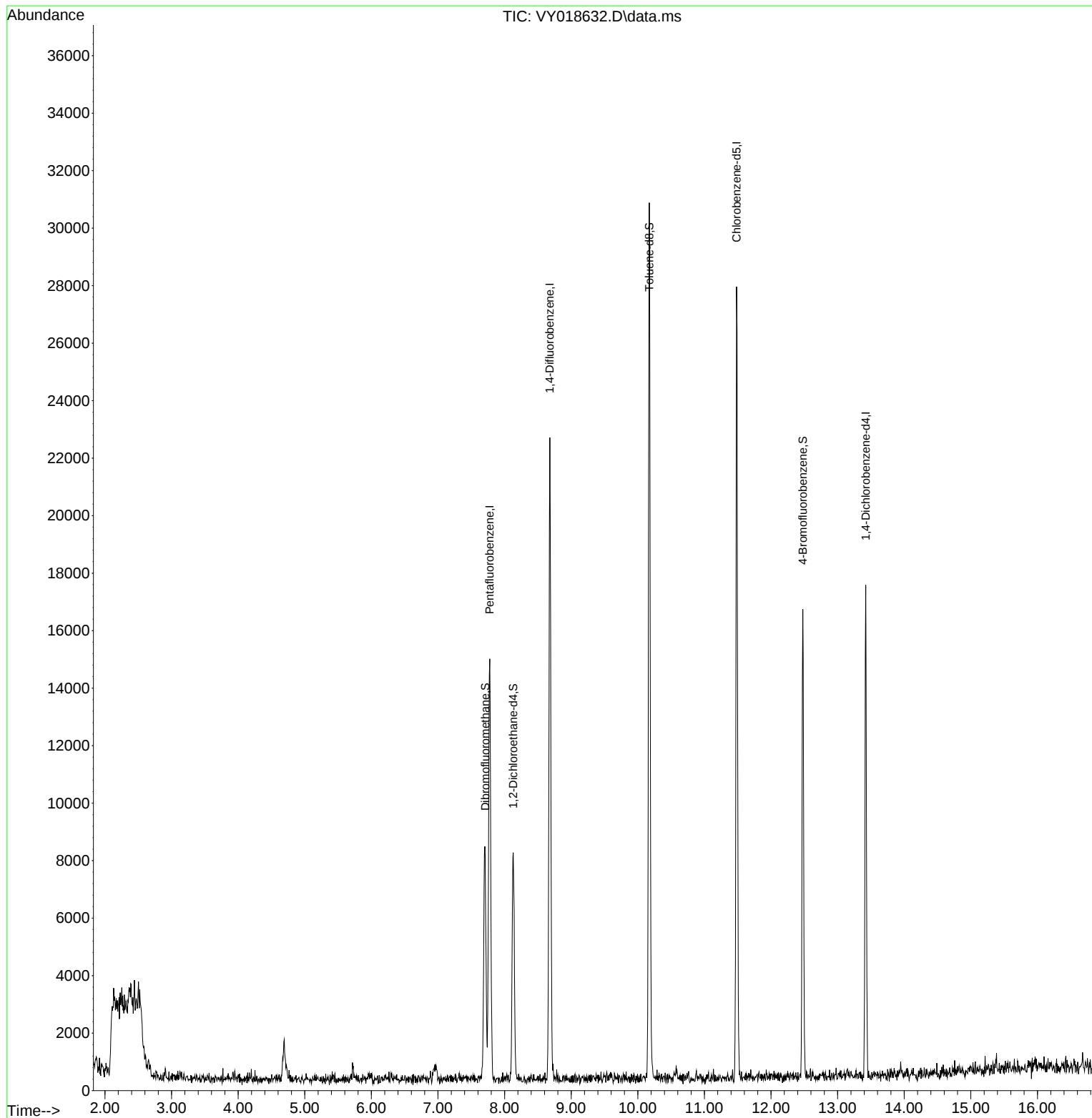
Target Compounds	Qvalue

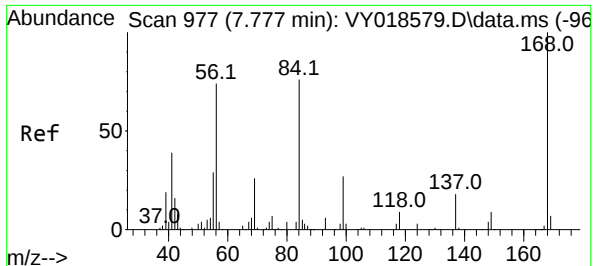
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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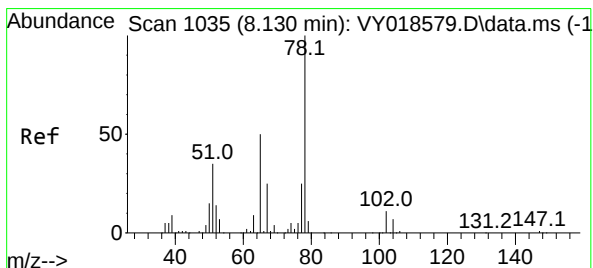
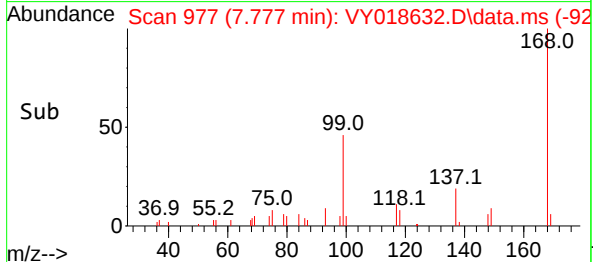
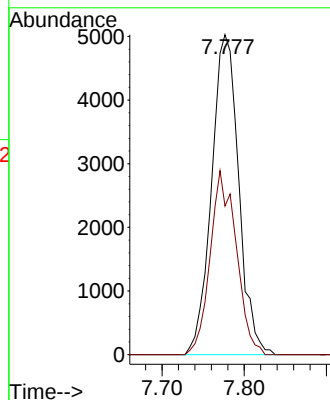
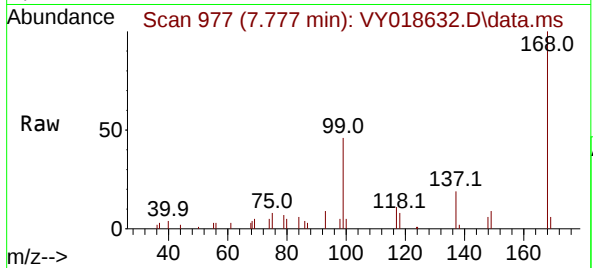




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

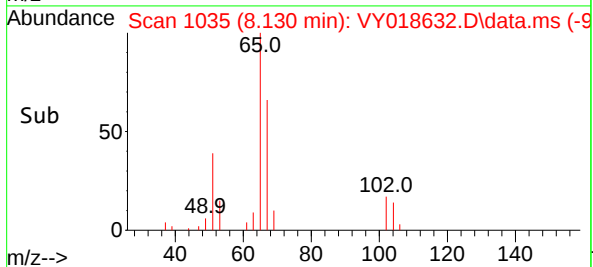
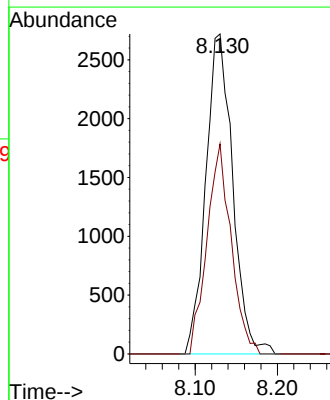
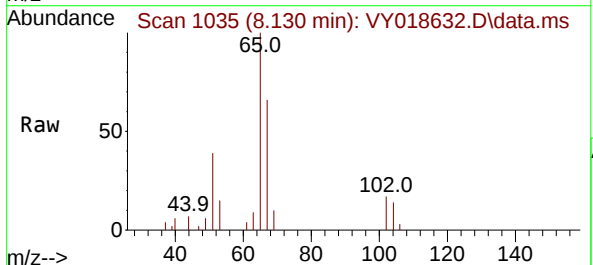
Instrument :
MSVOA_Y
ClientSampleId :
ROADRE

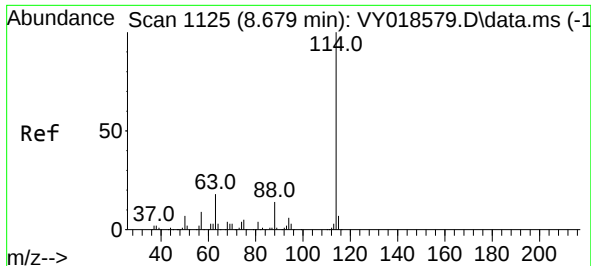
Tgt Ion:168 Resp: 11519
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.151 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion: 65 Resp: 6164
Ion Ratio Lower Upper
65 100
67 59.2 0.0 109.6

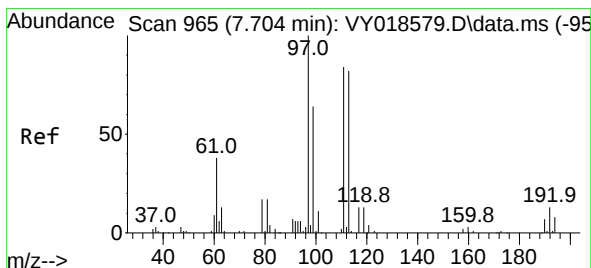
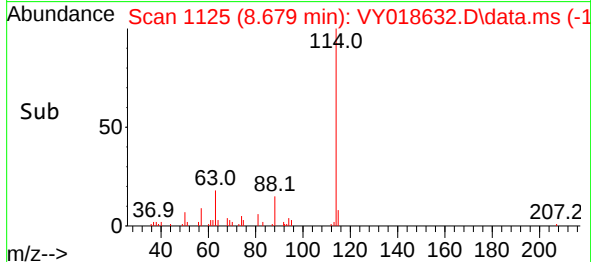
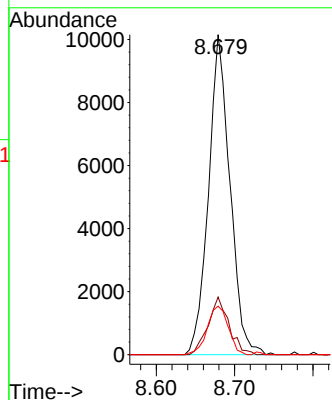
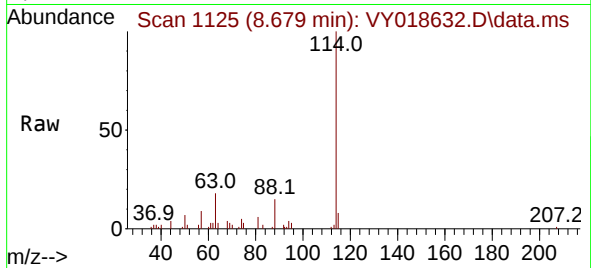




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

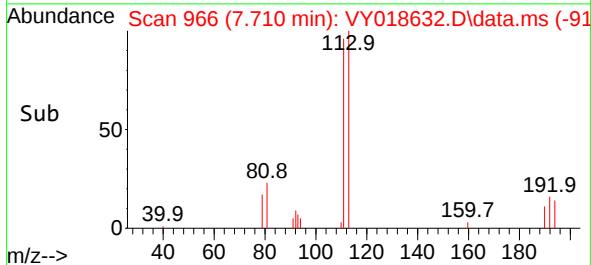
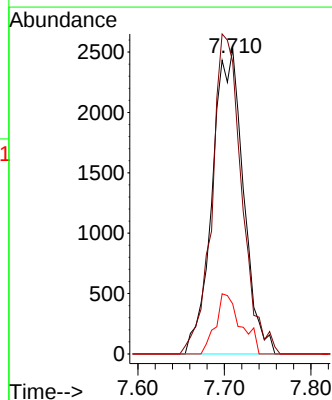
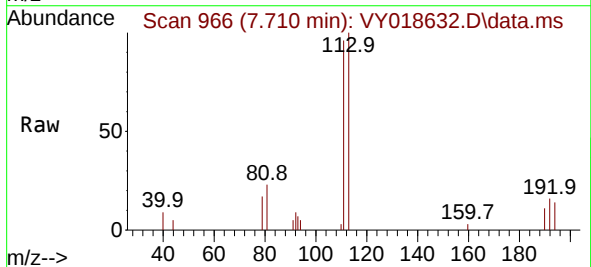
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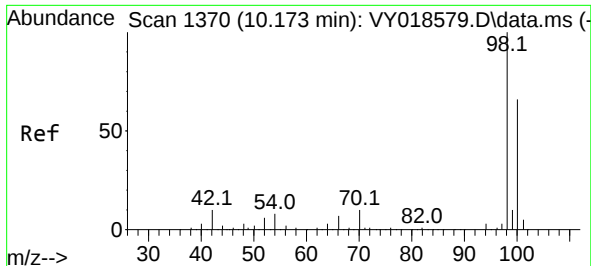
Tgt Ion:	114	Resp:	19299
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.0
88	15.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 53.454 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion:	113	Resp:	6293
Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.2	123.4
192	15.9	15.9	23.9

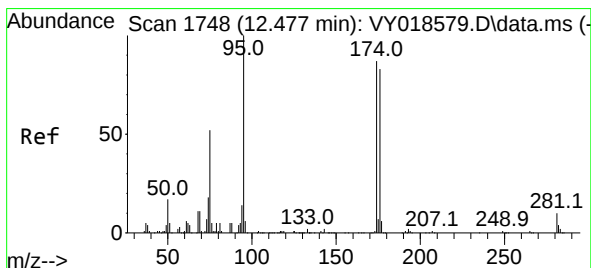
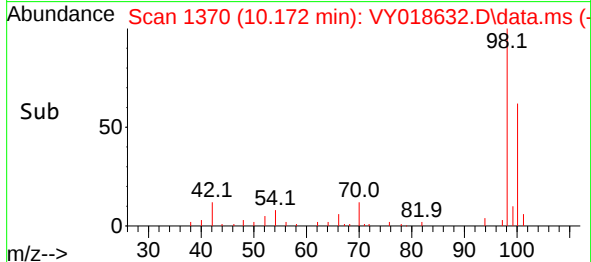
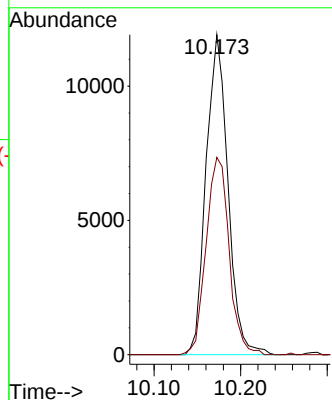
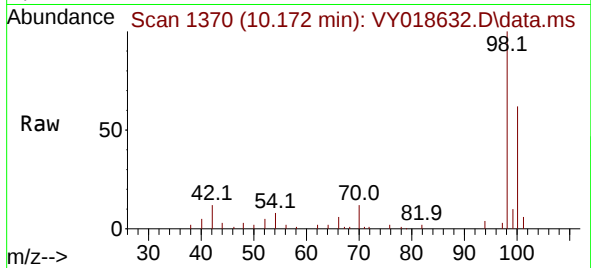




#50
Toluene-d8
Concen: 46.104 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

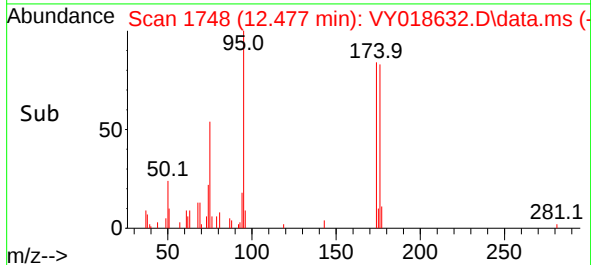
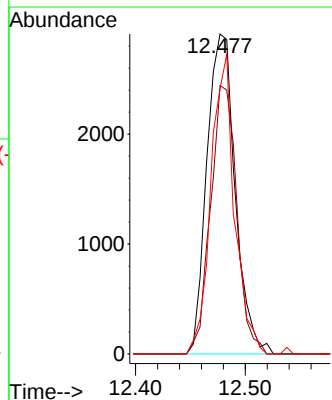
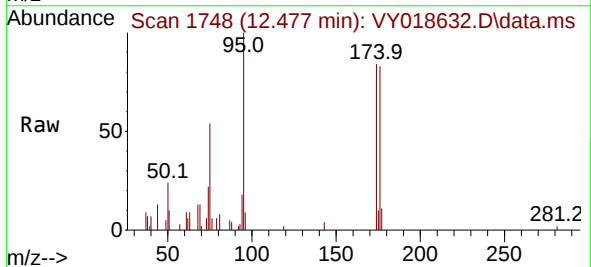
Instrument :
MSVOA_Y
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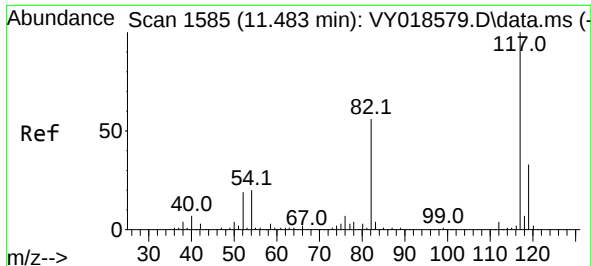
Tgt Ion: 98 Resp: 20873
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion: 95 Resp: 5217
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 78.2 0.0 171.4

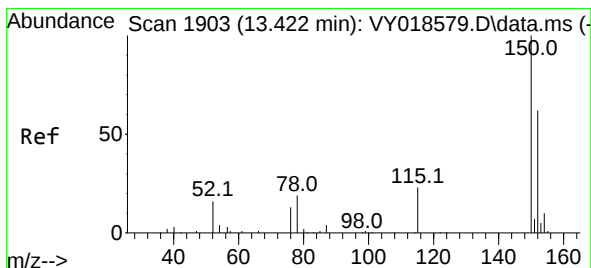
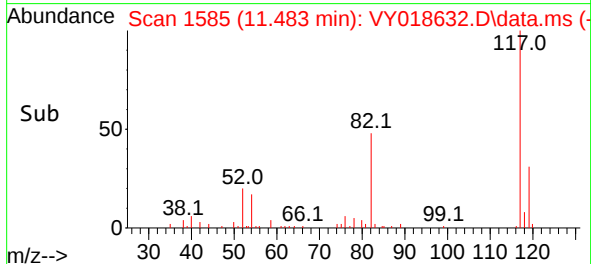
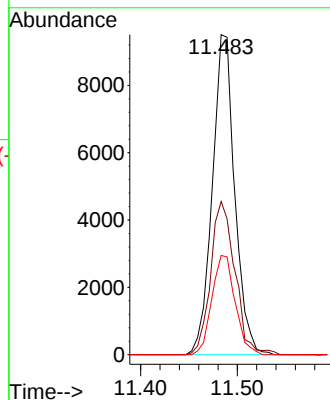
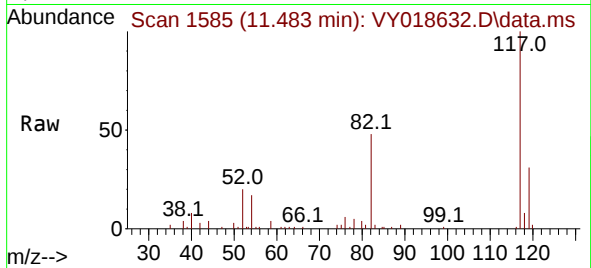




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018632.D
Acq: 18 Jun 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :
ROADRE

Tgt Ion:117	Resp:	15295
Ion	Ratio	Lower Upper
117	100	
82	47.8	42.4 63.6
119	31.0	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: VY018632.D
Acq: 18 Jun 2024 16:25

Tgt Ion:152	Resp:	4452
Ion	Ratio	Lower Upper
152	100	
115	57.6	28.2 84.7
150	150.2	0.0 345.6

