

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018642.D
 Acq On : 19 Jun 2024 14:04
 Operator : SY/MD
 Sample : P2943-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-212

Quant Time: Jun 20 02:10:53 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	7.789	168	1748	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.679	114	3250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2725	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1325	75.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.580%
35) Dibromofluoromethane	7.716	113	1190	60.023	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.040%
50) Toluene-d8	10.179	98	3467	45.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.940%
62) 4-Bromofluorobenzene	12.483	95	742	30.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.640%

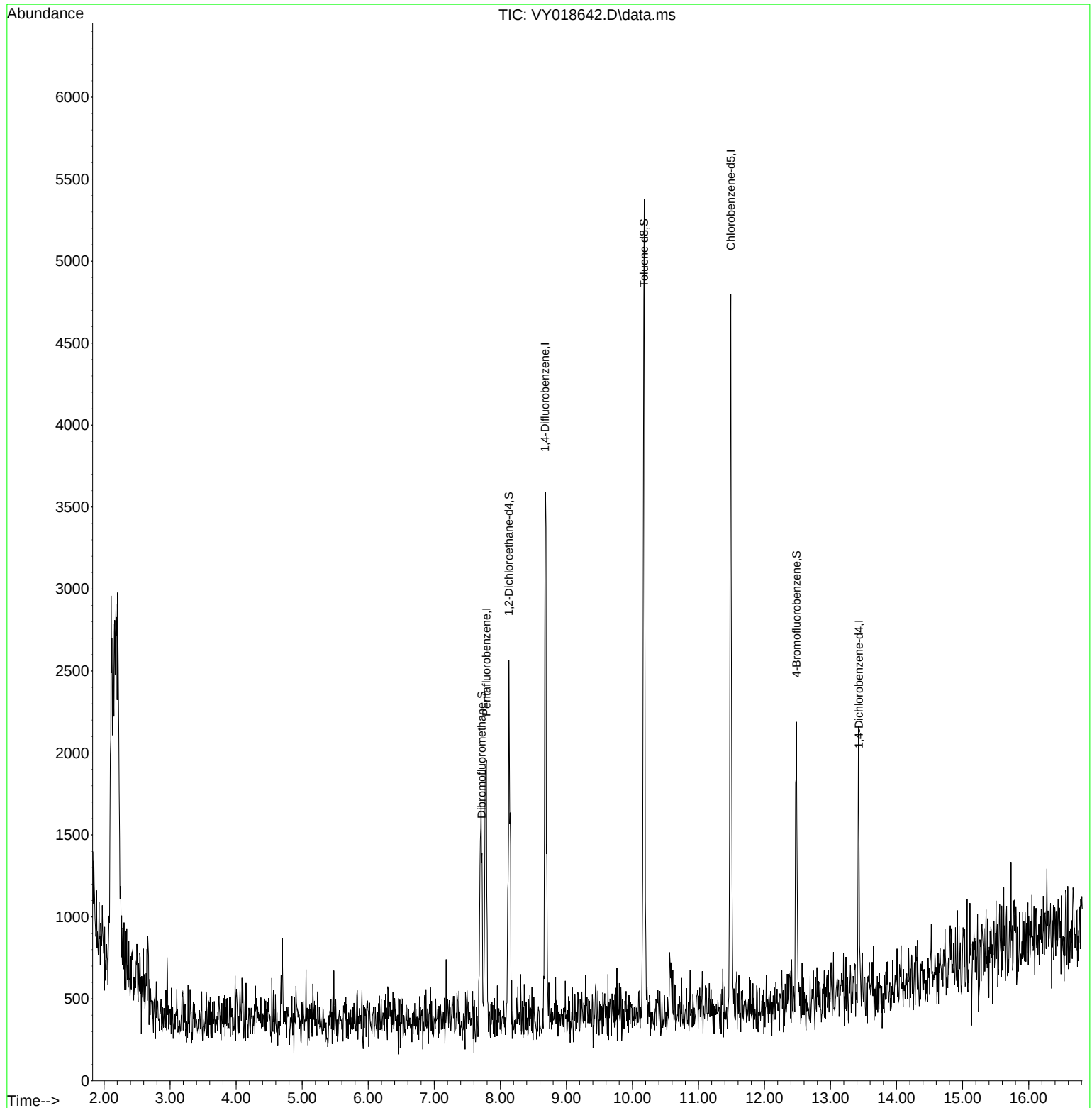
Target Compounds	Qvalue

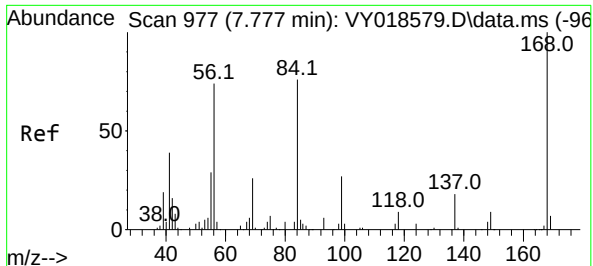
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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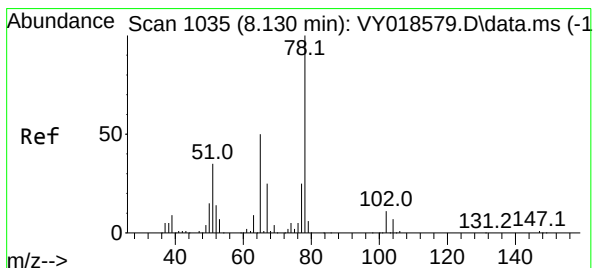
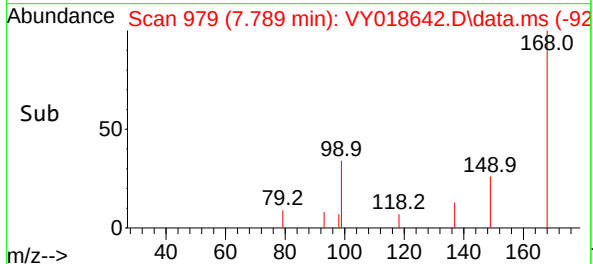
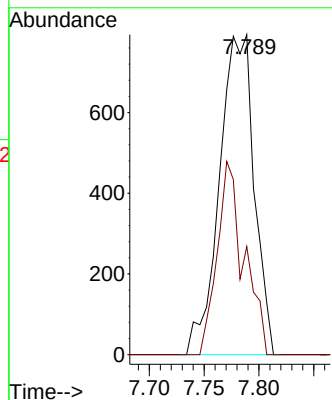
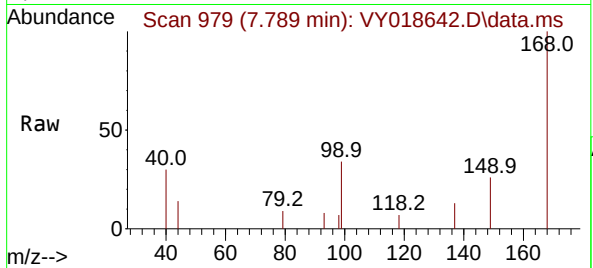




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

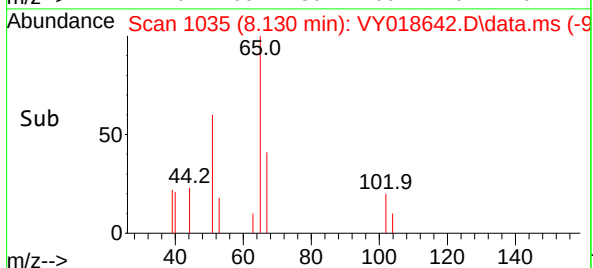
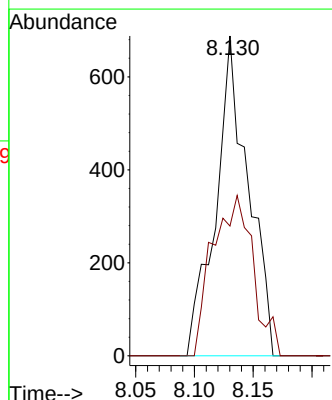
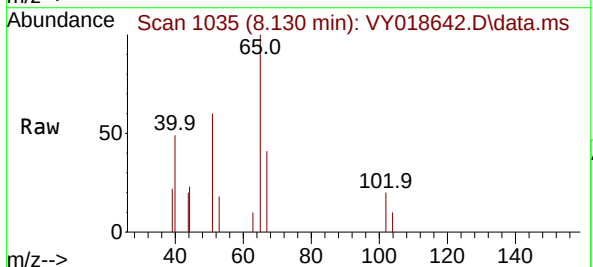
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

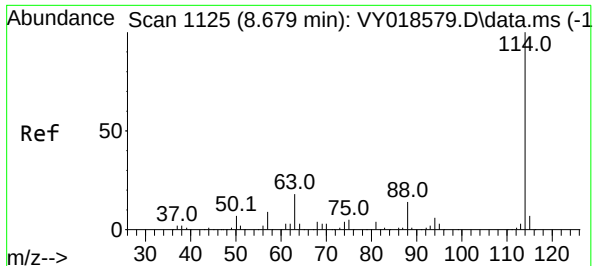
Tgt Ion:168 Resp: 1748
Ion Ratio Lower Upper
168 100
99 33.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 75.290 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

Tgt Ion: 65 Resp: 1325
Ion Ratio Lower Upper
65 100
67 62.5 0.0 109.6

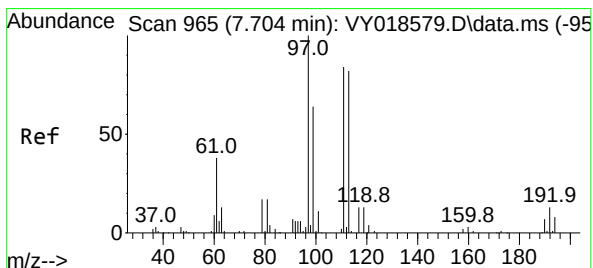
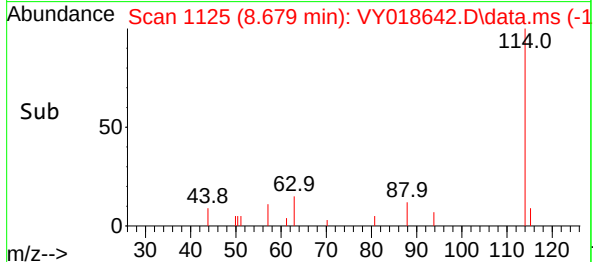
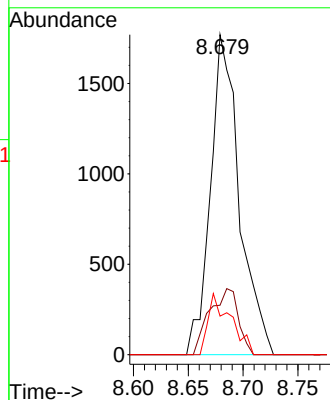
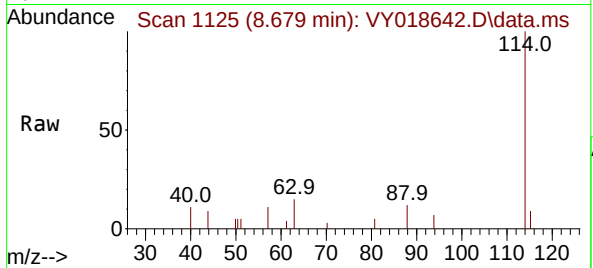




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

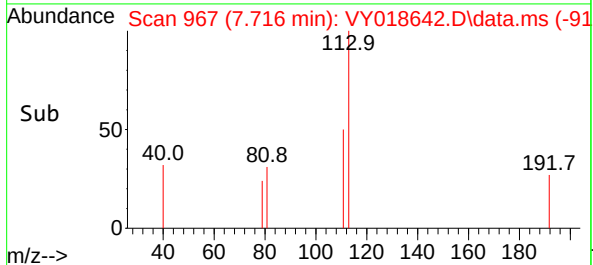
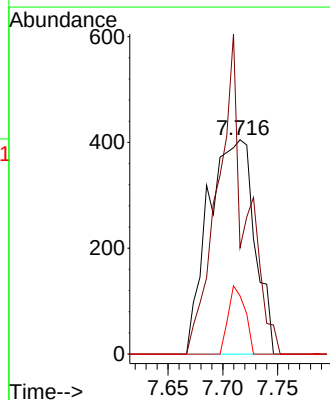
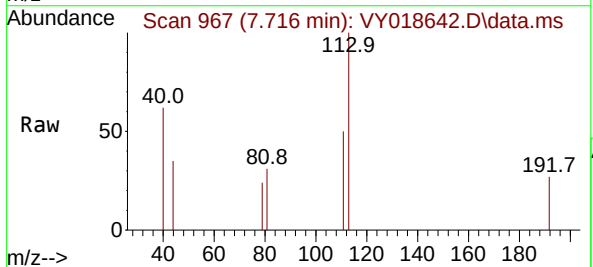
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

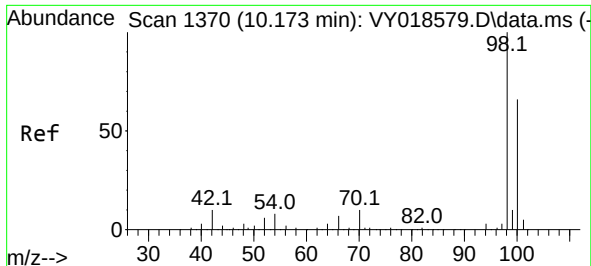
Tgt Ion:114	Resp:	3250
Ion	Ratio	Lower Upper
114	100	
63	15.5	0.0 35.0
88	12.0	0.0 27.2



#35
Dibromofluoromethane
Concen: 60.023 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

Tgt Ion:113	Resp:	1190
Ion	Ratio	Lower Upper
113	100	
111	91.2	82.2 123.4
192	11.5	15.9 23.9

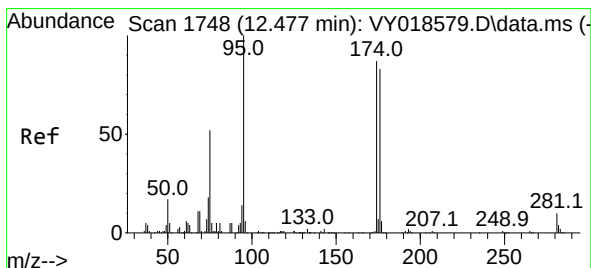
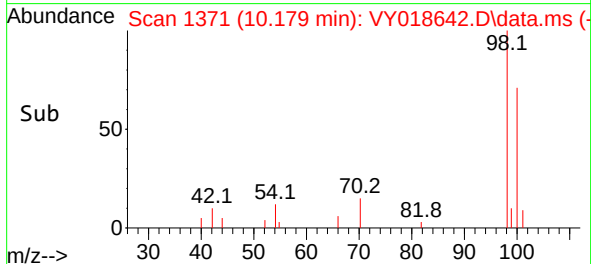
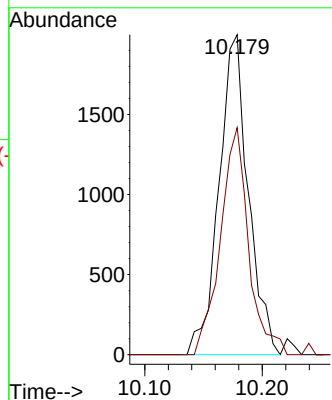
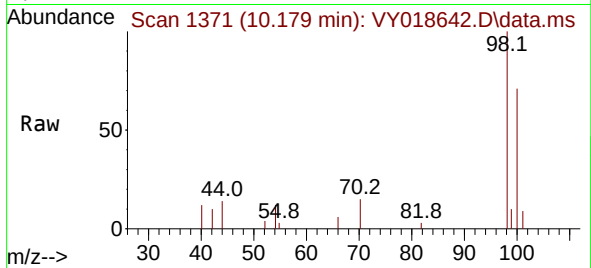




#50
Toluene-d8
Concen: 45.474 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

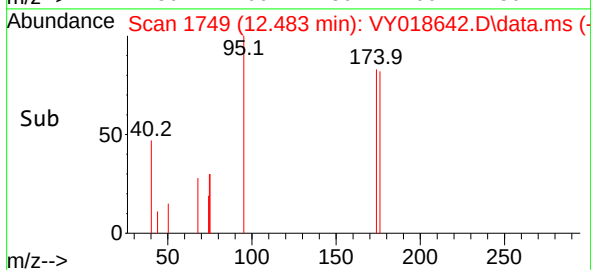
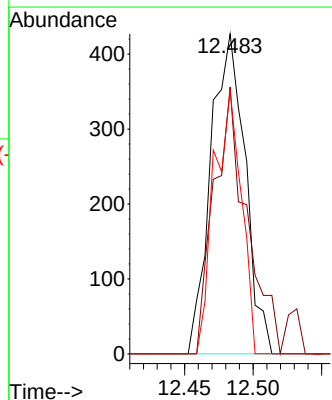
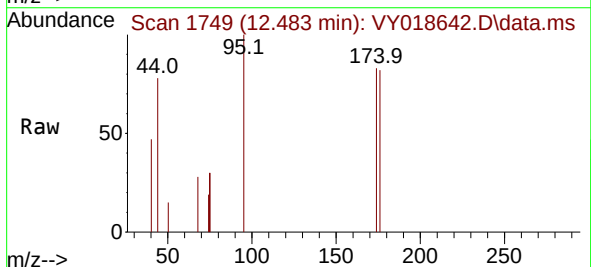
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

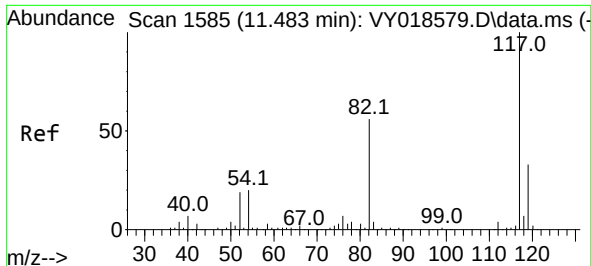
Tgt Ion: 98 Resp: 3467
Ion Ratio Lower Upper
98 100
100 68.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.820 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

Tgt Ion: 95 Resp: 742
Ion Ratio Lower Upper
95 100
174 79.4 0.0 175.6
176 65.8 0.0 171.4

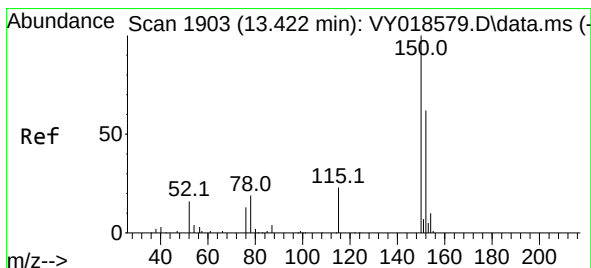
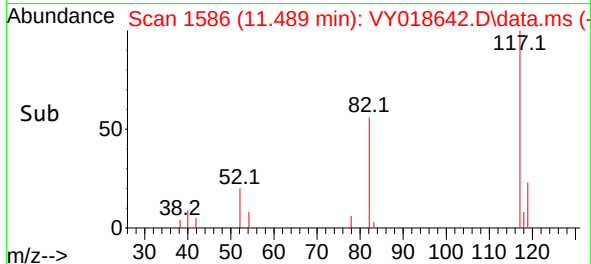
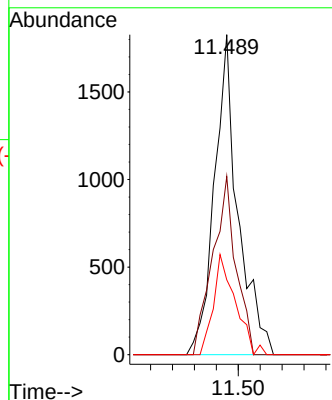
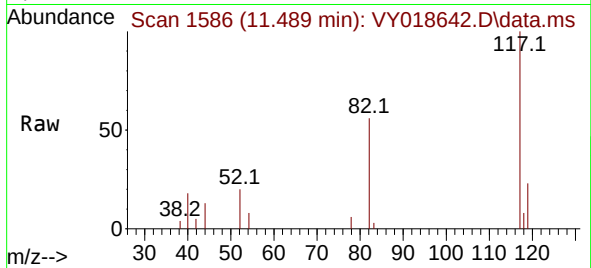




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018642.D
Acq: 19 Jun 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-212

Tgt Ion:117 Resp: 2725
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 23.4 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: VY018642.D
Acq: 19 Jun 2024 14:04

Tgt Ion:152 Resp: 386
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 190.4 0.0 345.6

