

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017619.D
 Acq On : 08 Mar 2024 12:34
 Operator : SY/MD
 Sample : P1710-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-030724

Quant Time: Mar 08 22:23:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	7644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2820	38.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.860%
35) Dibromofluoromethane	7.716	113	2807	41.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.179	98	9715	41.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.500%
62) 4-Bromofluorobenzene	12.483	95	1691	22.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.700%

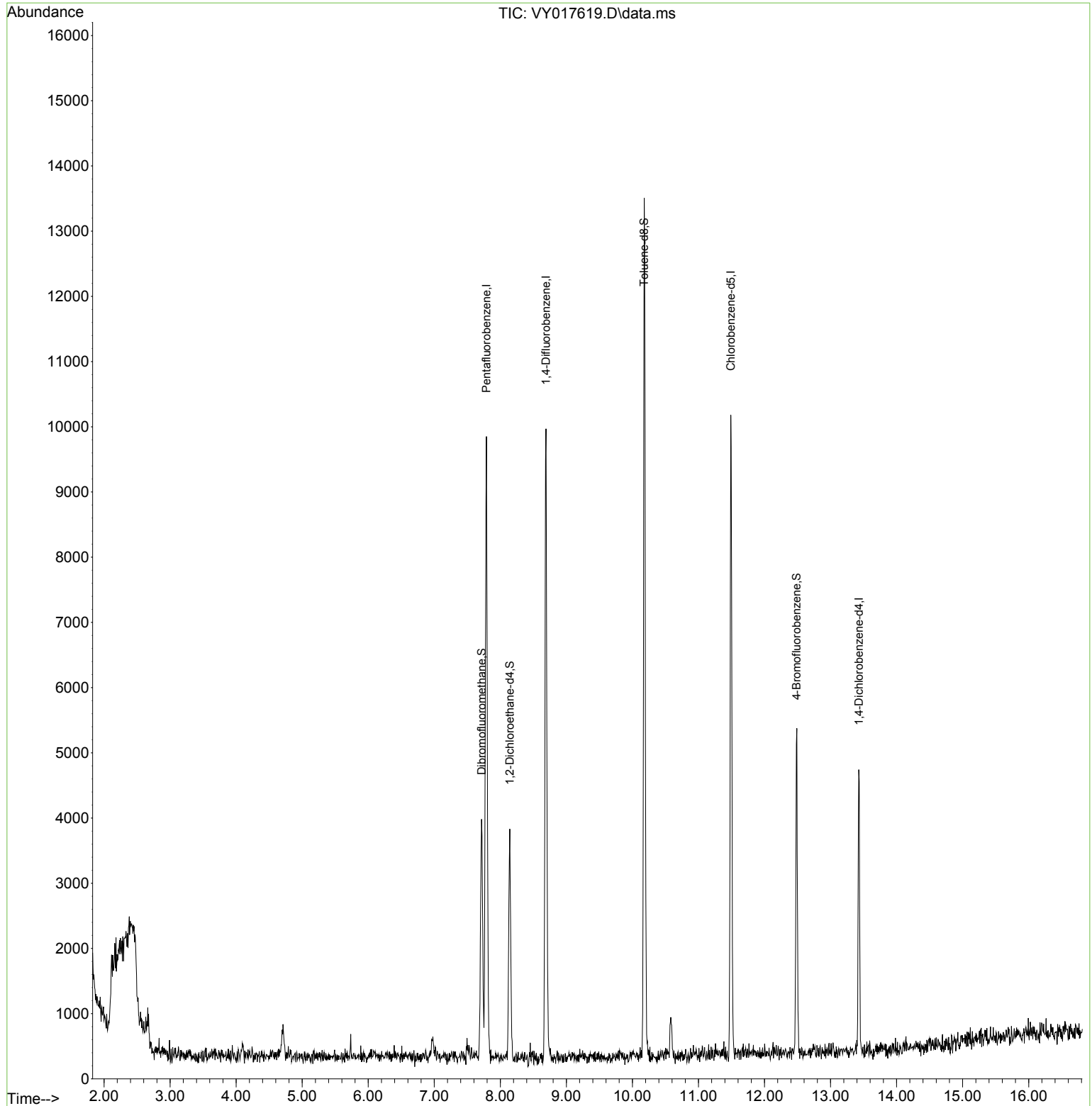
Target Compounds	Qvalue

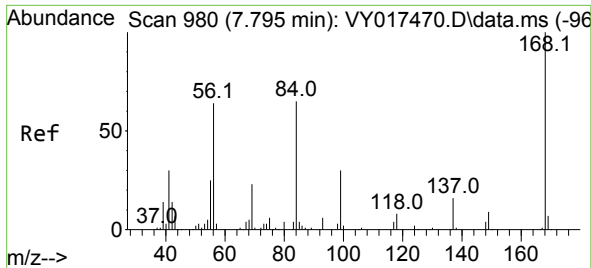
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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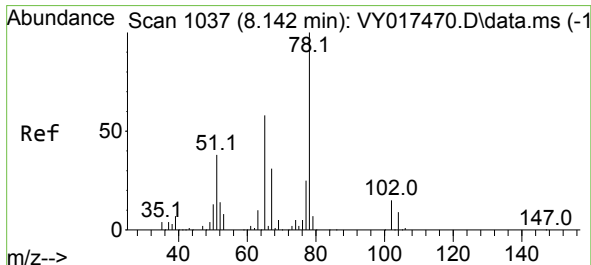
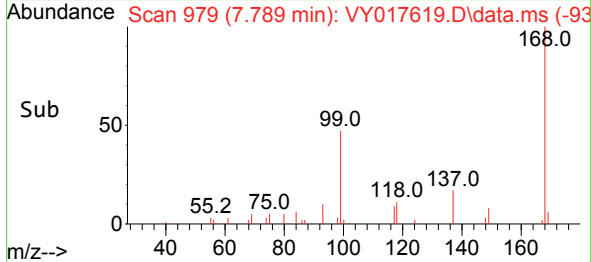
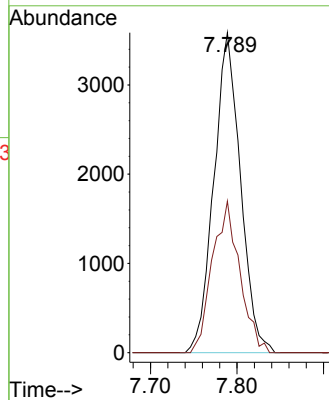
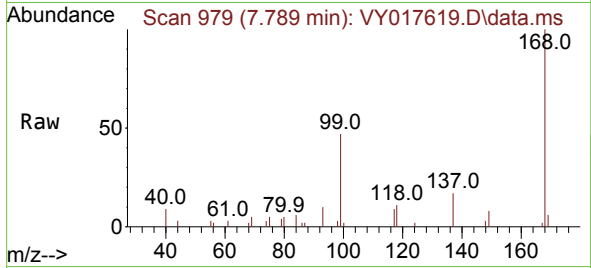




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

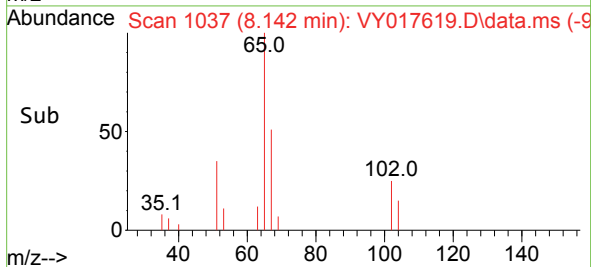
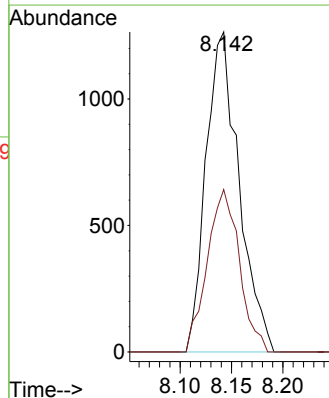
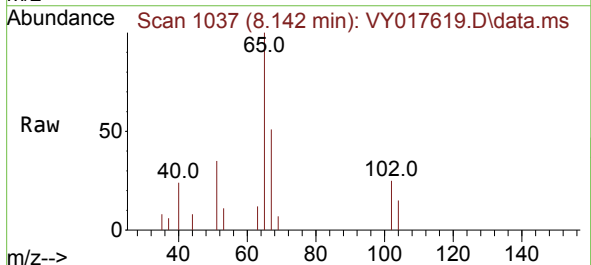
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

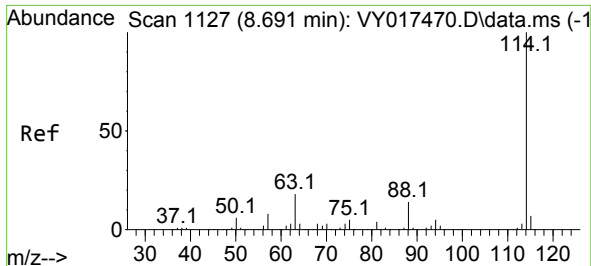
Tgt Ion:168 Resp: 7644
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.926 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion: 65 Resp: 2820
Ion Ratio Lower Upper
65 100
67 49.4 0.0 109.6

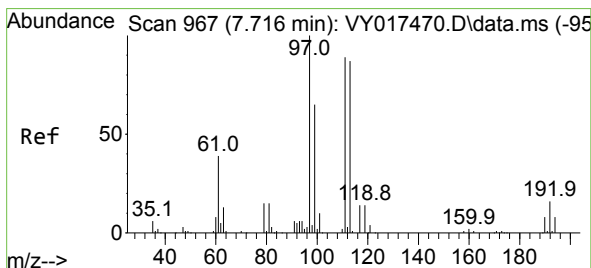
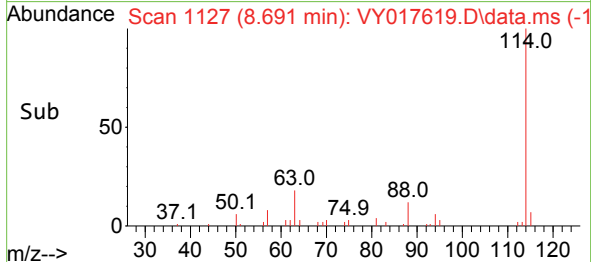
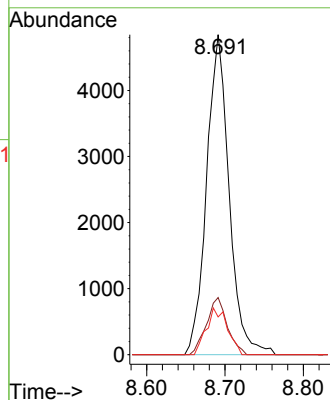
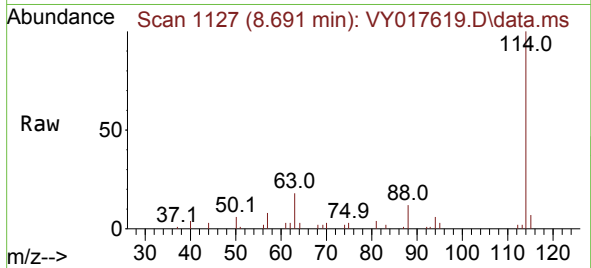




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

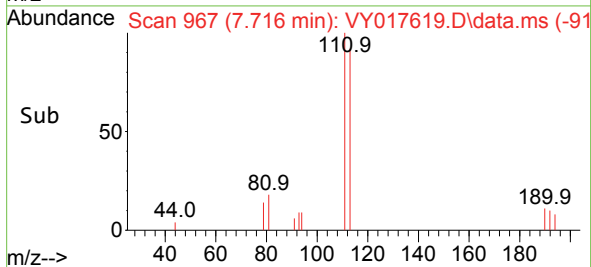
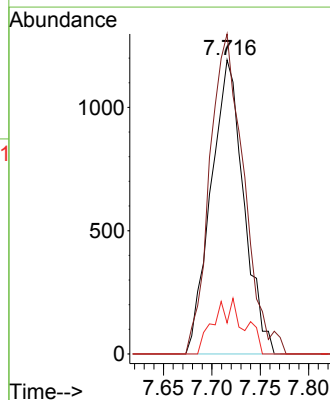
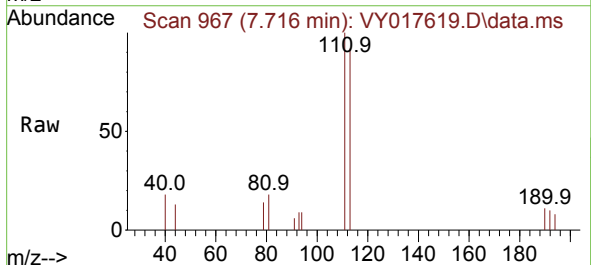
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

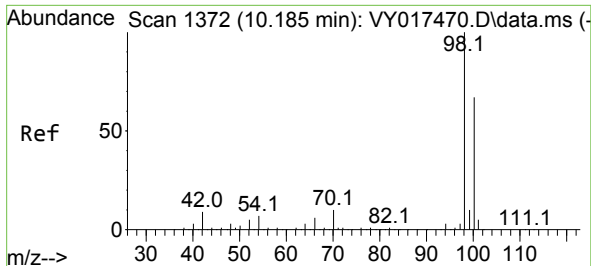
Tgt Ion:114 Resp: 9667
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 11.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 41.670 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion:113 Resp: 2807
Ion Ratio Lower Upper
113 100
111 113.3 82.2 123.4
192 17.4 15.9 23.9

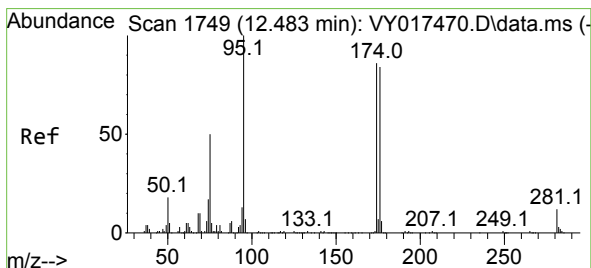
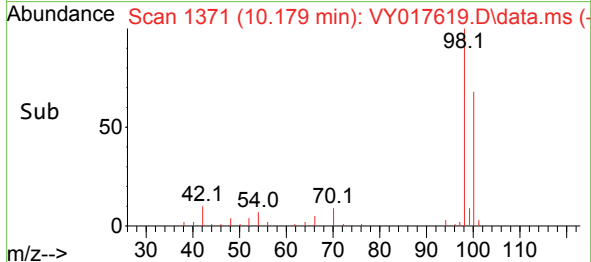
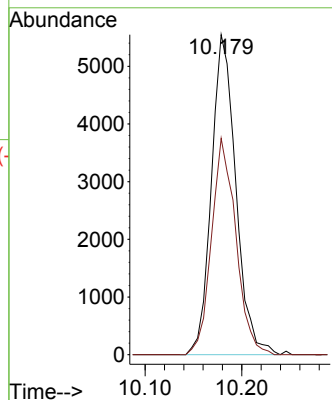
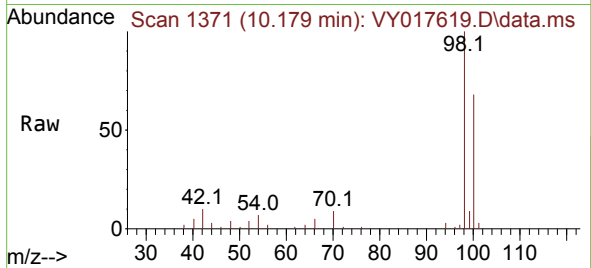




#50
Toluene-d8
Concen: 41.248 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

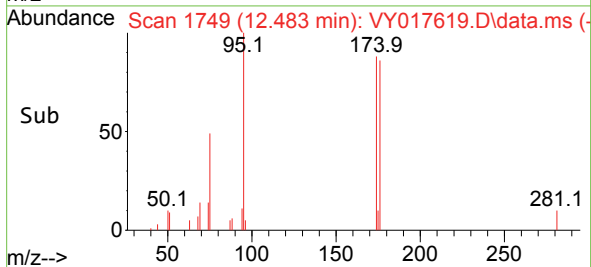
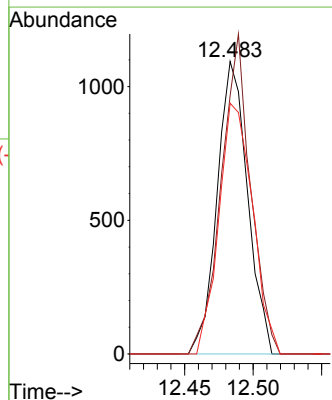
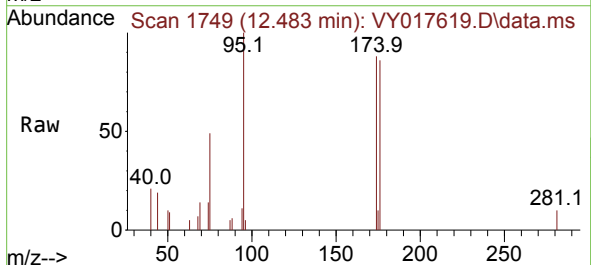
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

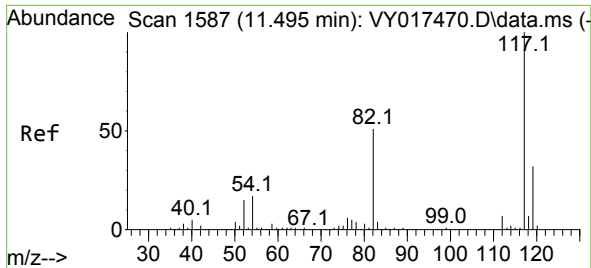
Tgt Ion: 98 Resp: 9715
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.845 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion: 95 Resp: 1691
Ion Ratio Lower Upper
95 100
174 105.7 0.0 175.6
176 94.9 0.0 171.4

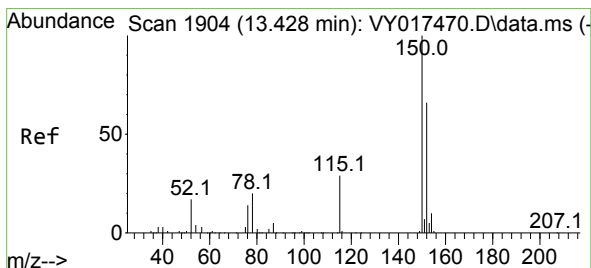
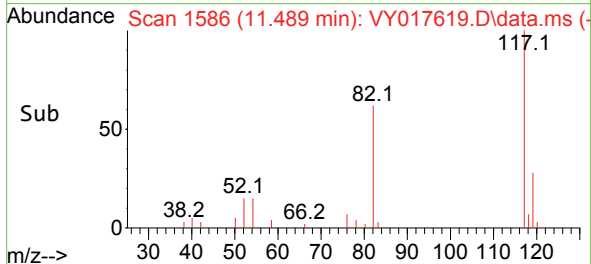
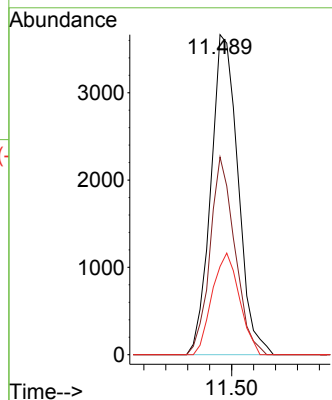
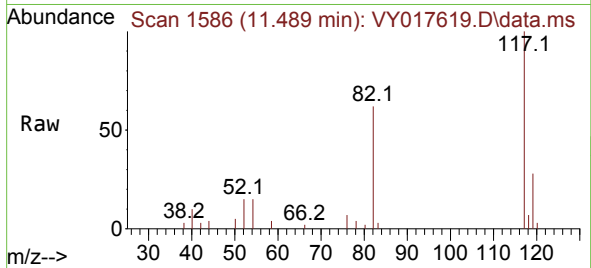




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-030724

Tgt Ion:117 Resp: 6312
Ion Ratio Lower Upper
117 100
82 61.7 42.4 63.6
119 27.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017619.D
Acq: 08 Mar 2024 12:34

Tgt Ion:152 Resp: 1400
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 166.1 0.0 345.6

