

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019291.D
 Acq On : 27 Aug 2024 17:15
 Operator : SY/MD
 Sample : P3663-04RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 914-J-SD-0.5-1-081624

Quant Time: Aug 28 01:47:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	17984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	27476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	20498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	6220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	7784	43.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.360%
35) Dibromofluoromethane	7.616	113	9589	53.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.740%
50) Toluene-d8	10.103	98	27252	42.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.300%
62) 4-Bromofluorobenzene	12.402	95	6745	30.604	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.200%

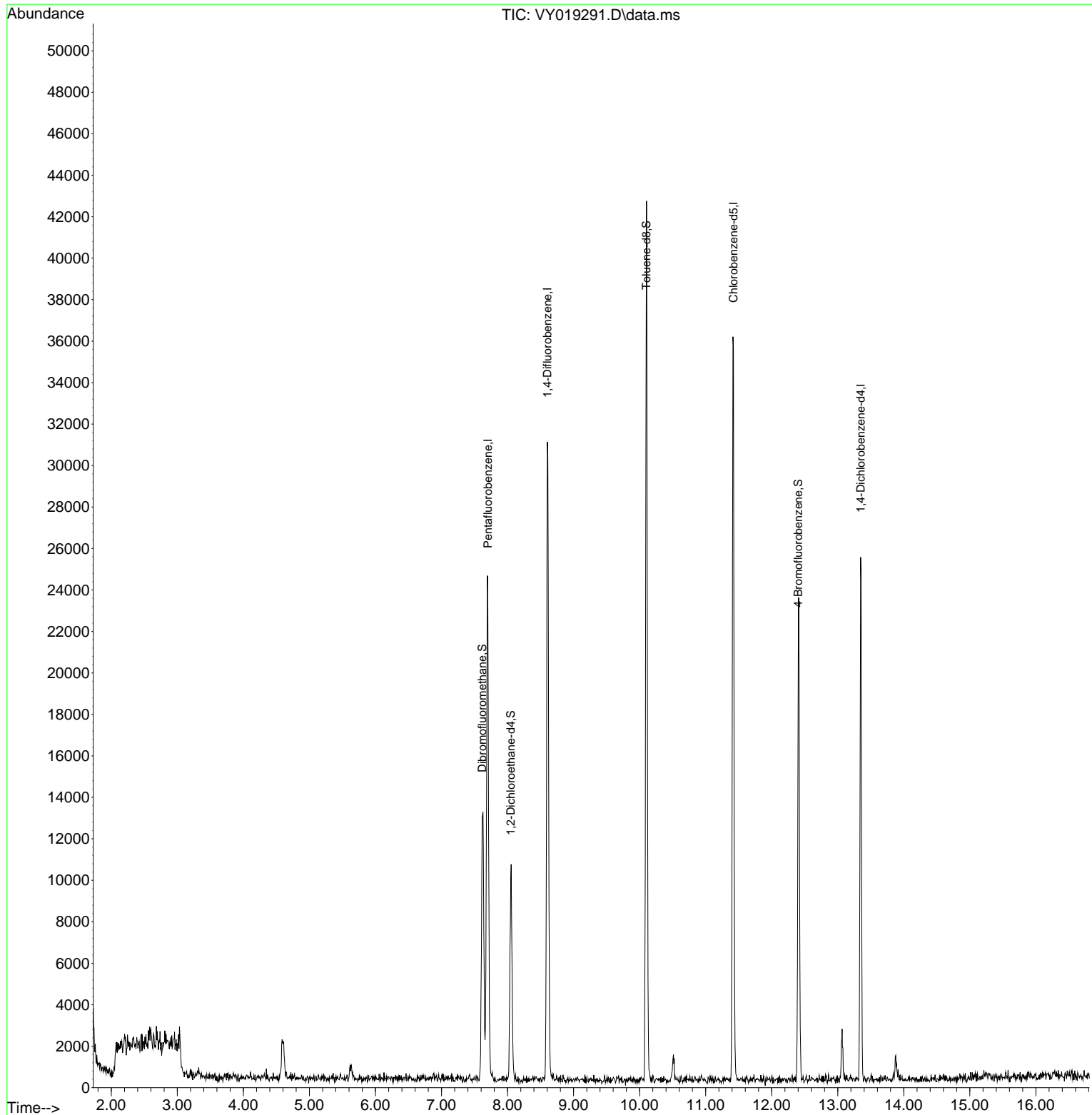
Target Compounds Qvalue

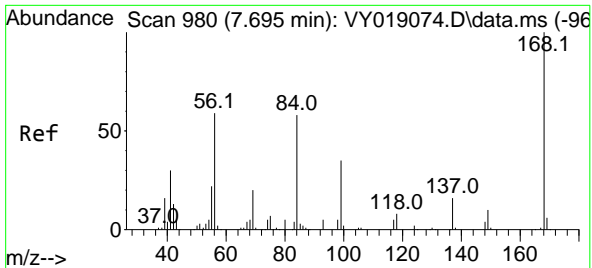
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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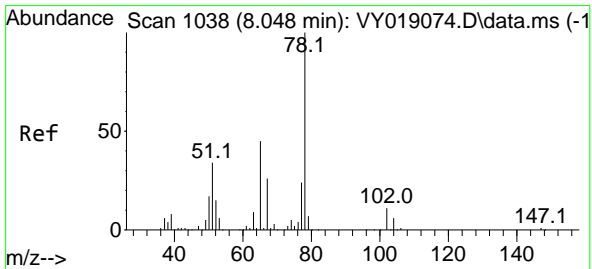
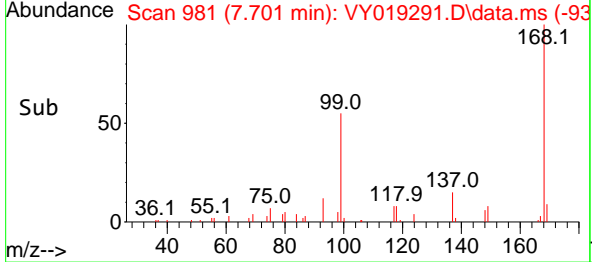
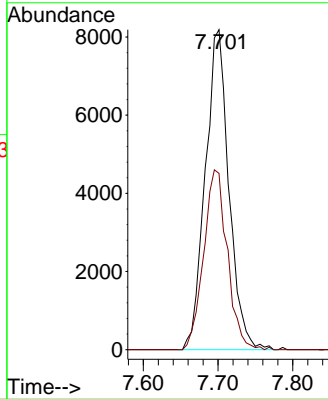
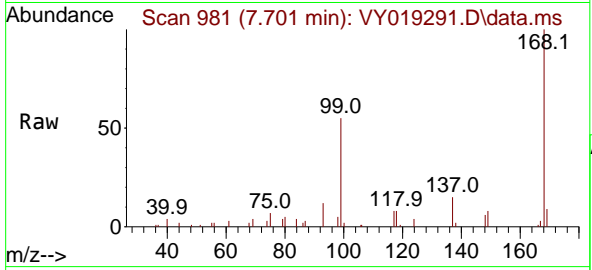




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.701 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

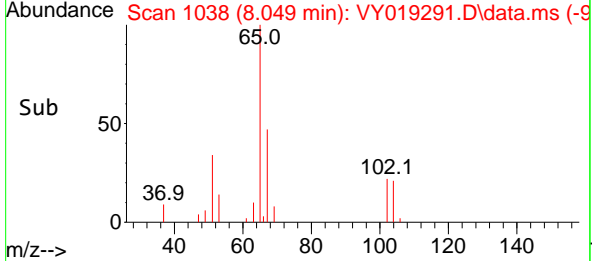
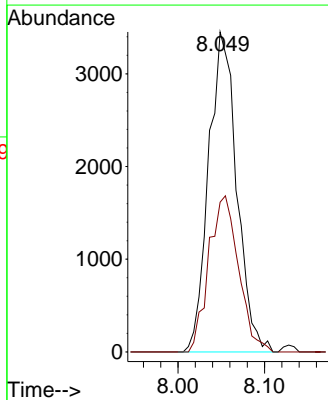
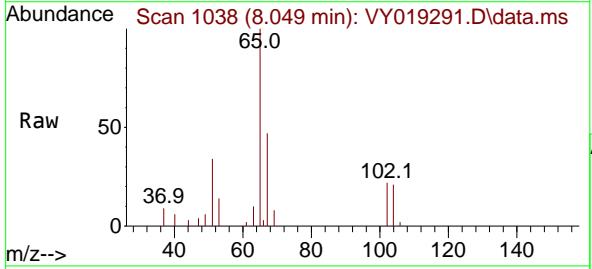
Instrument : MSVOA_Y
 ClientSampleId : 914-J-SD-0.5-1-081624

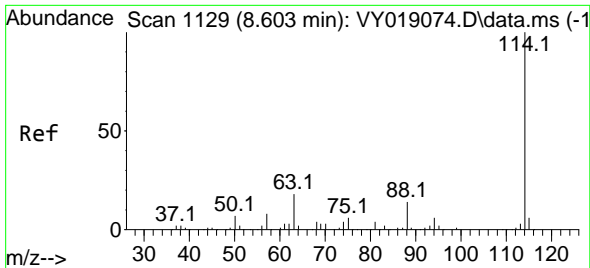
Tgt Ion:168 Resp: 17984
 Ion Ratio Lower Upper
 168 100
 99 55.1 39.1 58.7



#33
 1,2-Dichloroethane-d4
 Concen: 43.178 ug/l
 RT: 8.049 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

Tgt Ion: 65 Resp: 7784
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6

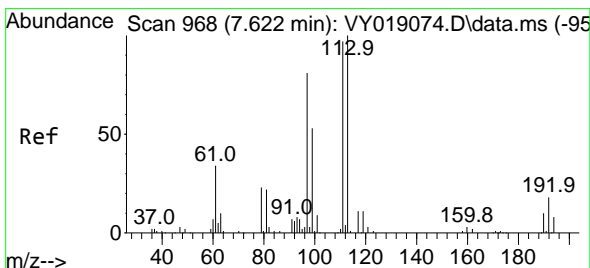
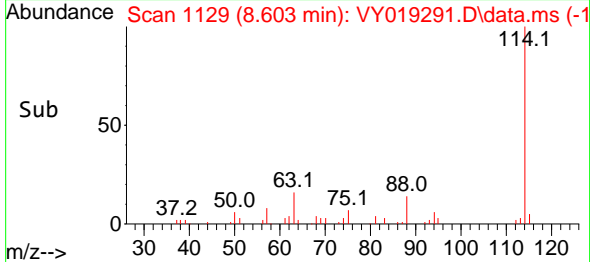
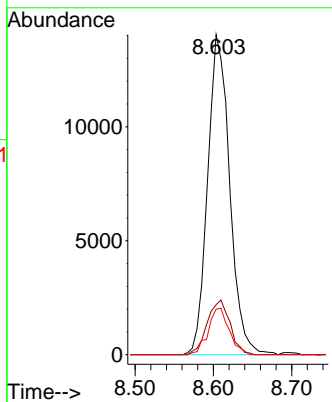
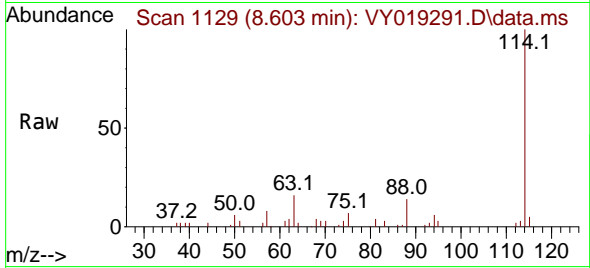




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.603 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

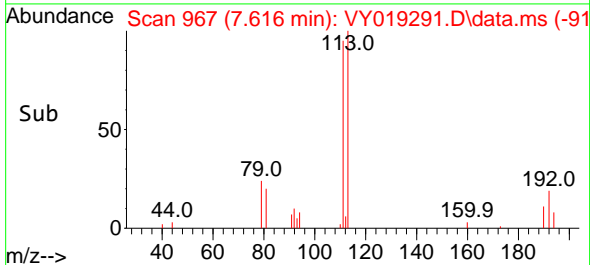
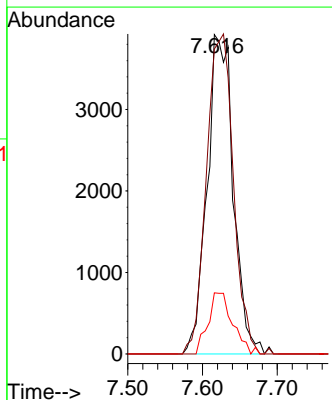
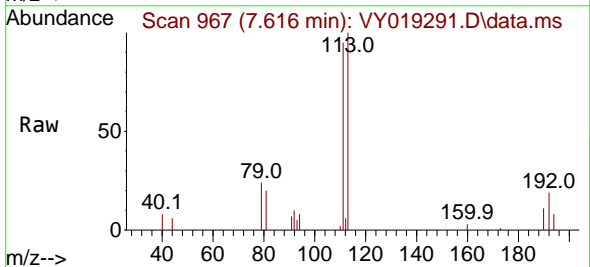
Instrument : MSVOA_Y
 ClientSampleId : 914-J-SD-0.5-1-081624

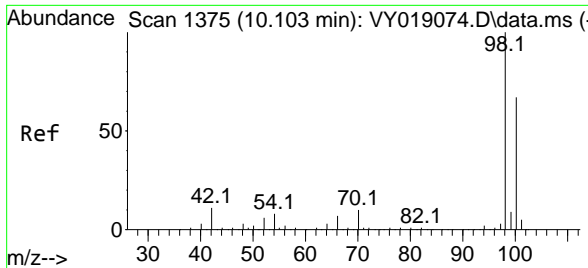
Tgt Ion	Resp	Lower	Upper
114	100		
63	15.6	0.0	35.0
88	14.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.375 ug/l
 RT: 7.616 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	17.9	15.9	23.9

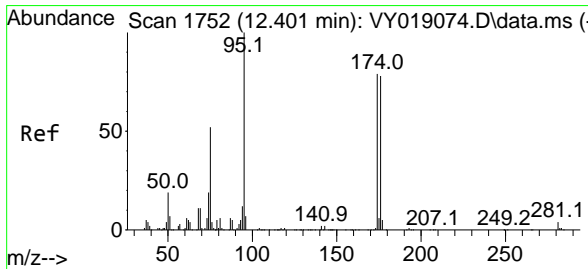
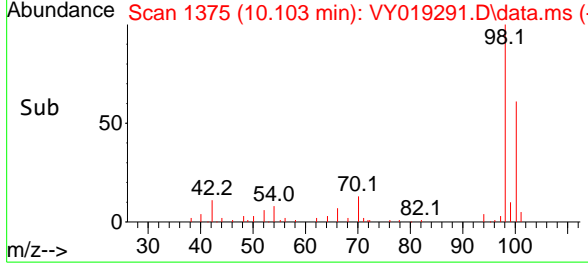
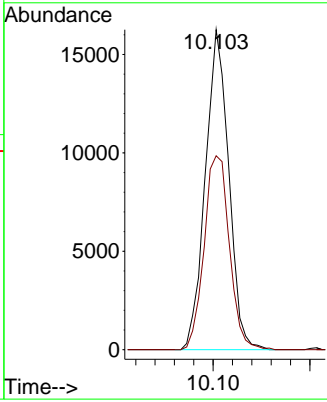
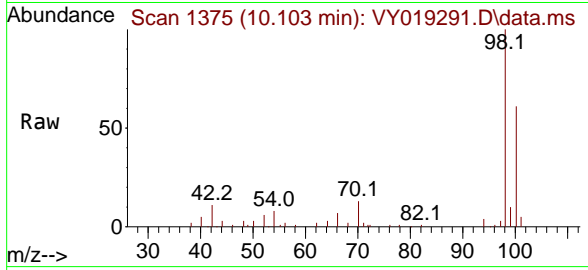




#50
 Toluene-d8
 Concen: 42.152 ug/l
 RT: 10.103 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

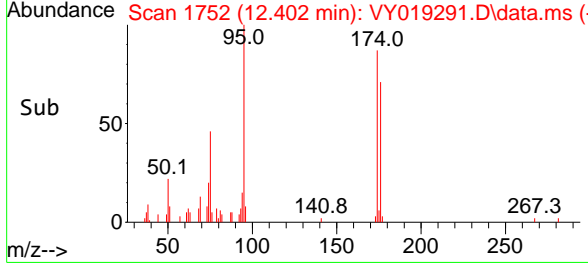
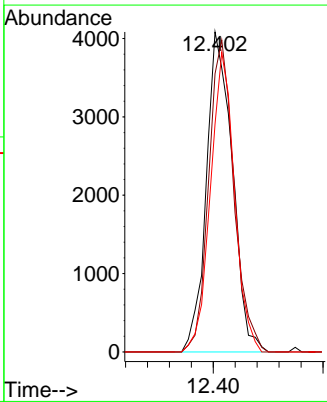
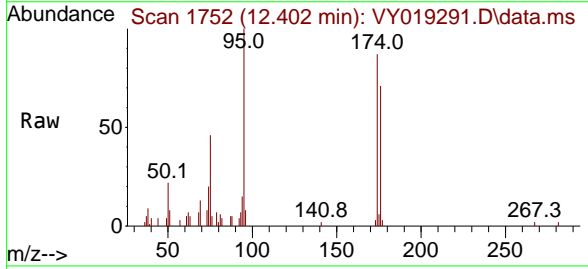
Instrument : MSVOA_Y
 ClientSampleId : 914-J-SD-0.5-1-081624

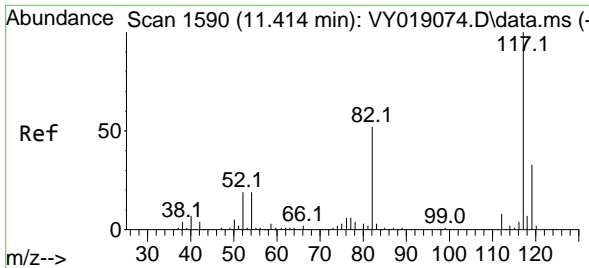
Tgt Ion: 98 Resp: 27252
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.0 78.0



#62
 4-Bromofluorobenzene
 Concen: 30.604 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

Tgt Ion: 95 Resp: 6745
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 175.6
 176 86.5 0.0 171.4



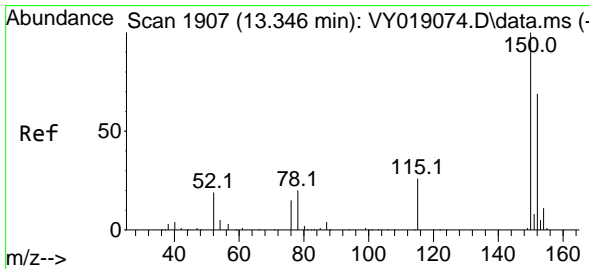
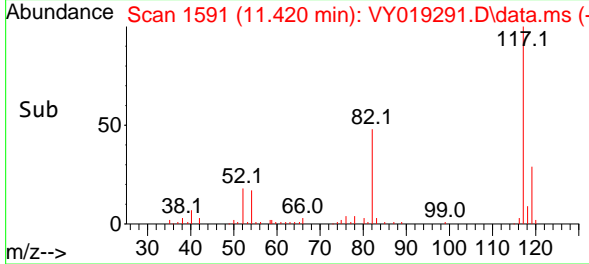
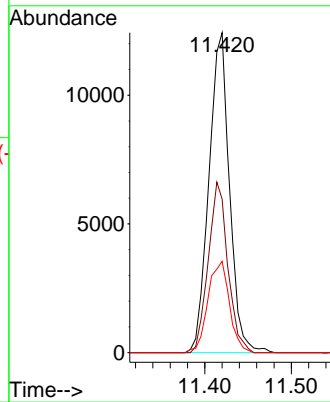
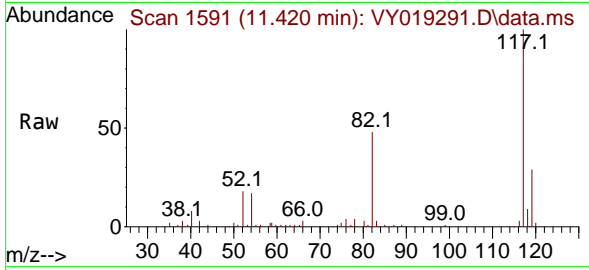


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.420 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

Instrument : MSVOA_Y
 ClientSampleId : 914-J-SD-0.5-1-081624

Tgt Ion:117 Resp: 20498

Ion	Ratio	Lower	Upper
117	100		
82	48.0	42.4	63.6
119	28.6	25.9	38.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019291.D
 Acq: 27 Aug 2024 17:15

Tgt Ion:152 Resp: 6220

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	162.9	0.0	345.6

