

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014717.D
 Acq On : 20 Jul 2023 13:44
 Operator : SY/MD
 Sample : 03641-31
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP15

Quant Time: Jul 20 14:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	200112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125593	55.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.160%
35) Dibromofluoromethane	7.716	113	111977	50.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.179	98	416426	51.102	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.477	95	154984	49.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.200%

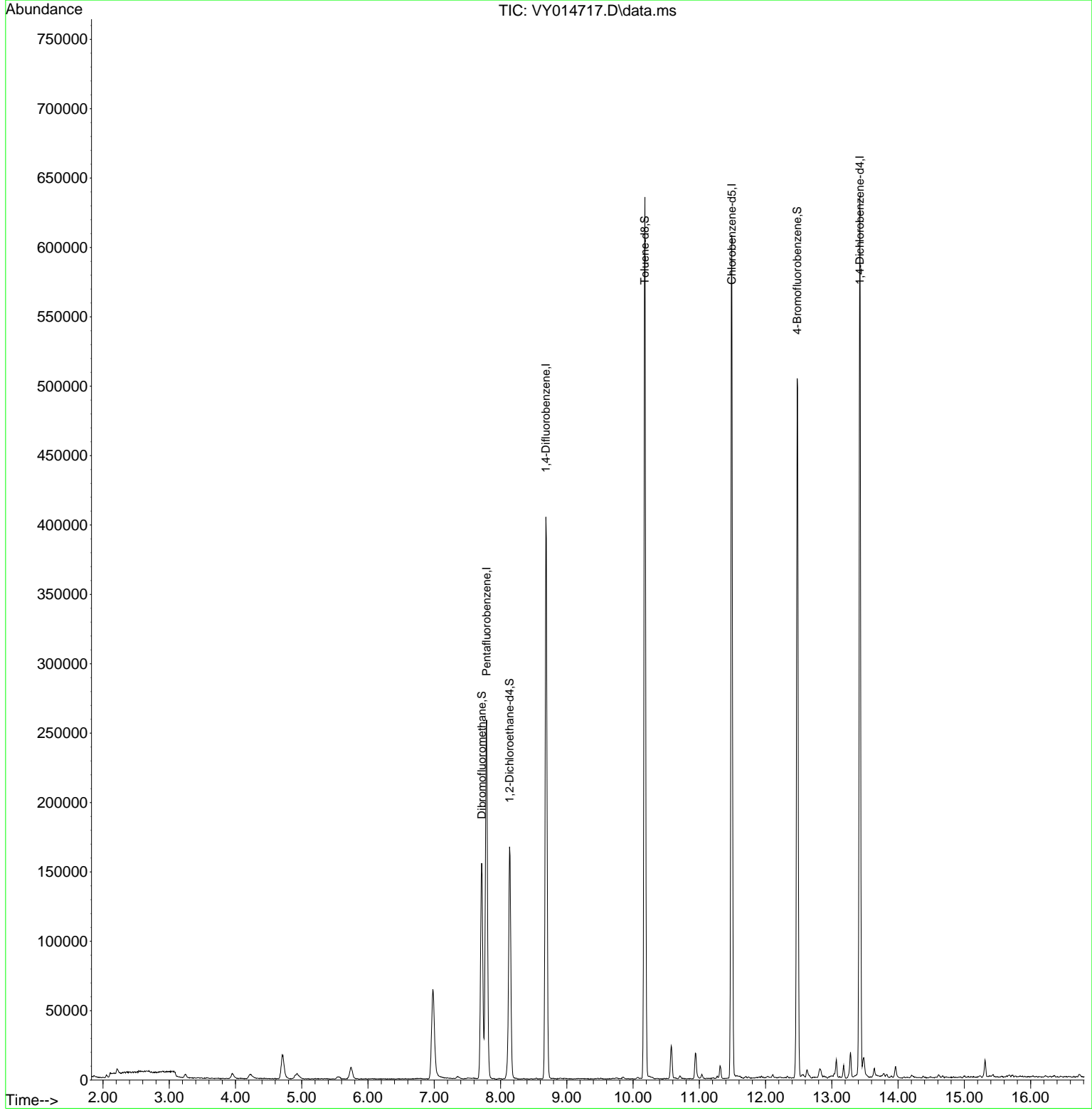
Target Compounds Qvalue

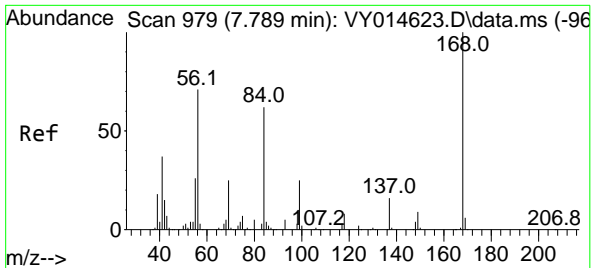
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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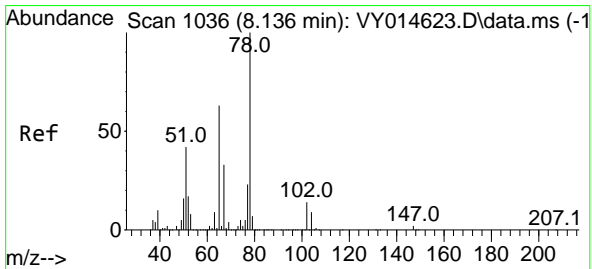
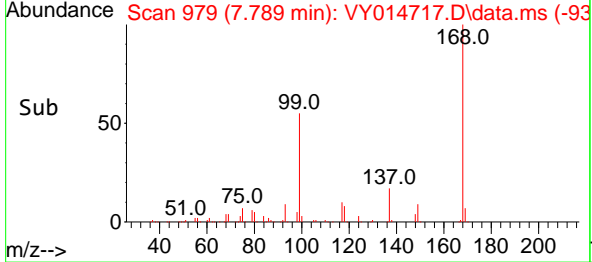
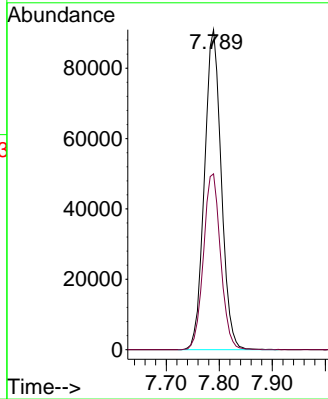
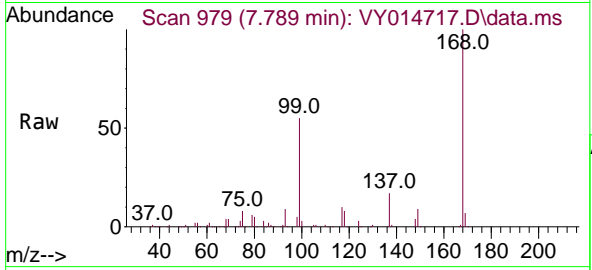




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

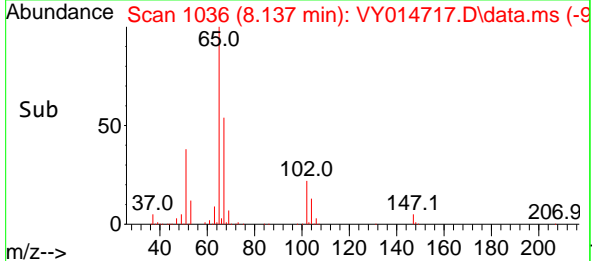
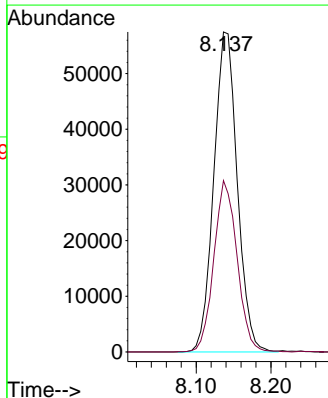
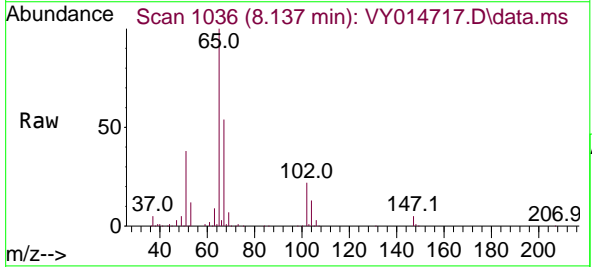
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP15

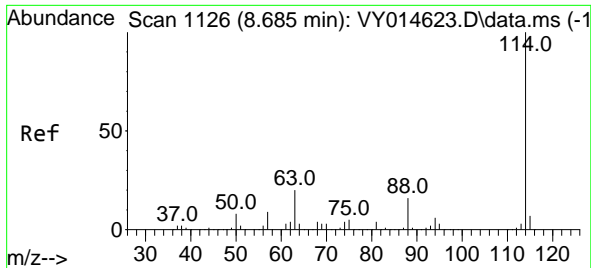
Tgt Ion:168 Resp: 200112
 Ion Ratio Lower Upper
 168 100
 99 54.9 43.4 65.0



#33
 1,2-Dichloroethane-d4
 Concen: 55.076 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

Tgt Ion: 65 Resp: 125593
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



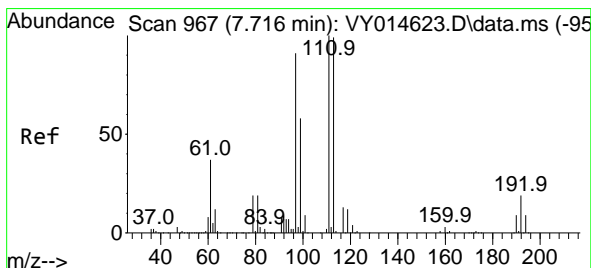
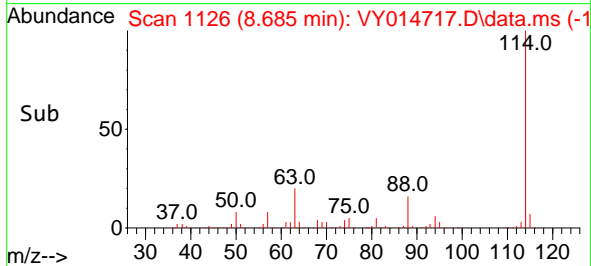
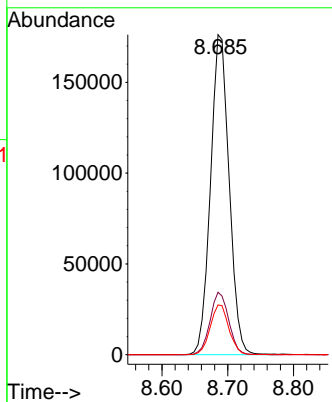
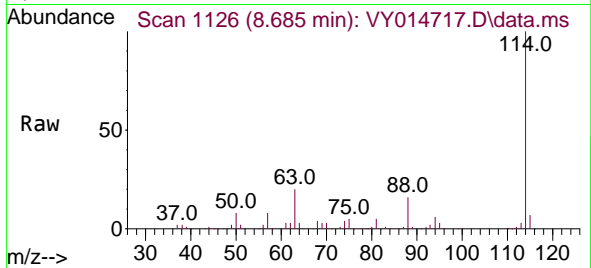


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

Instrument : MSVOA_Y
 ClientSampleId : TP15

Tgt Ion:114 Resp: 347220

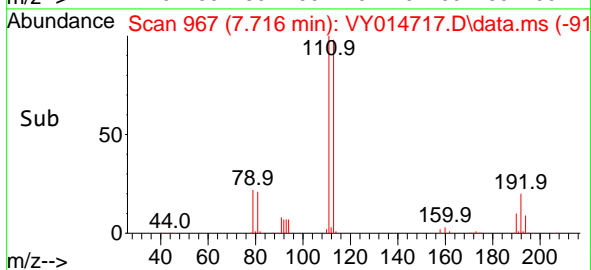
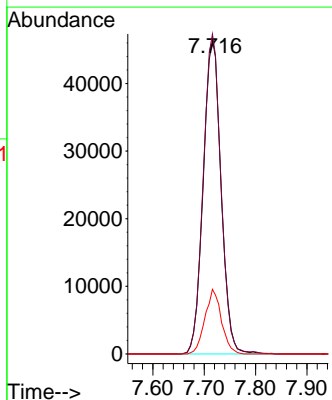
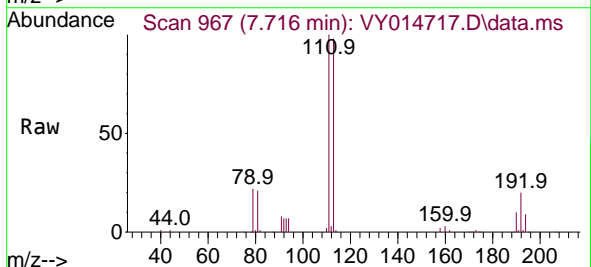
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.4
88	15.6	0.0	30.6

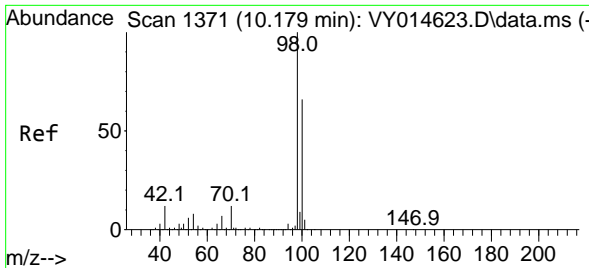


#35
 Dibromofluoromethane
 Concen: 50.661 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

Tgt Ion:113 Resp: 111977

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	19.1	16.9	25.3

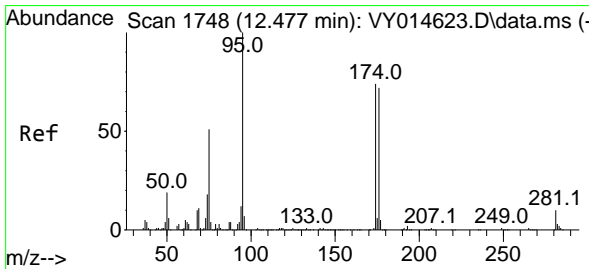
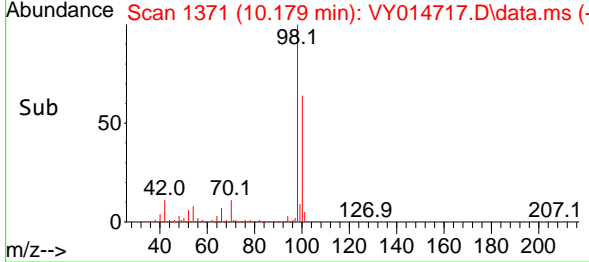
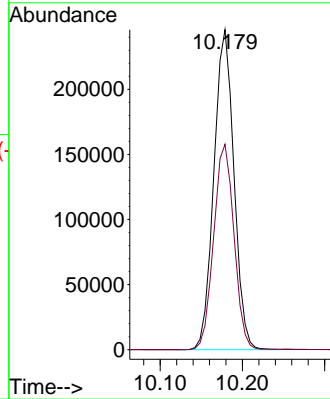
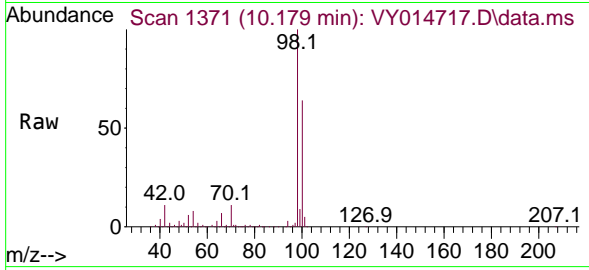




#50
 Toluene-d8
 Concen: 51.102 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

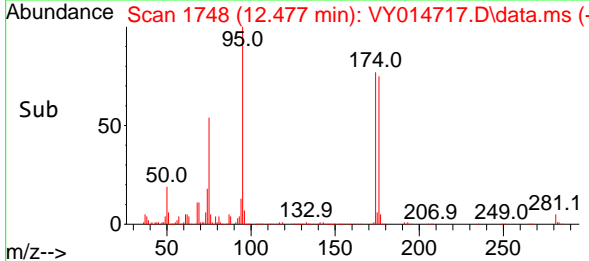
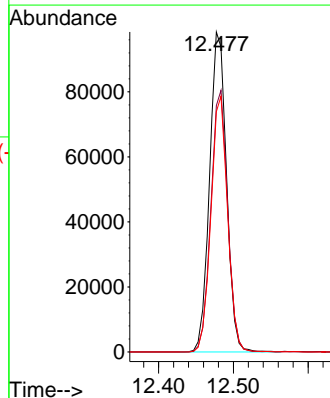
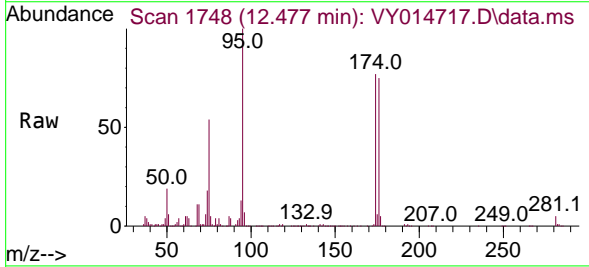
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP15

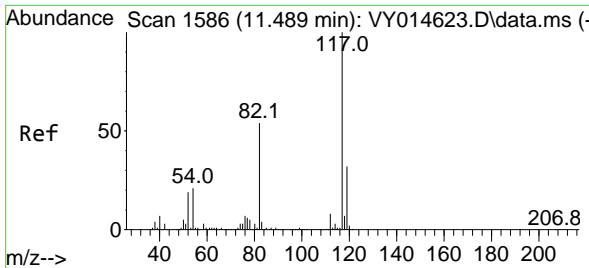
Tgt Ion: 98 Resp: 416426
 Ion Ratio Lower Upper
 98 100
 100 65.1 50.1 75.1



#62
 4-Bromofluorobenzene
 Concen: 49.601 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

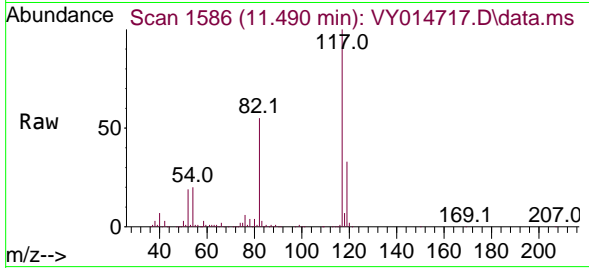
Tgt Ion: 95 Resp: 154984
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 178.2
 176 78.7 0.0 173.8



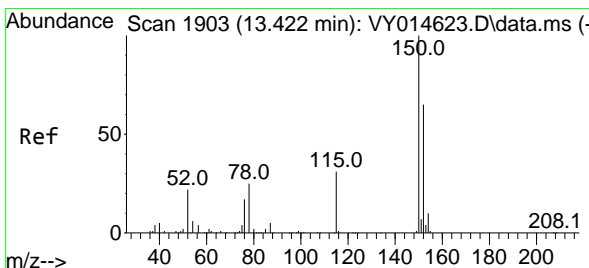
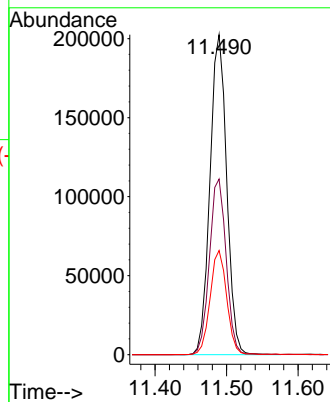
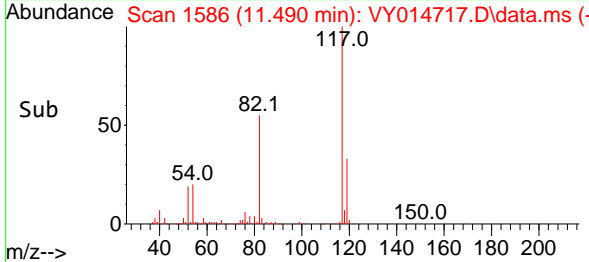


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44

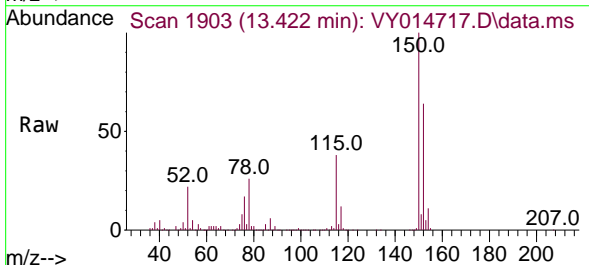
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP15



Tgt Ion:117 Resp: 329189
 Ion Ratio Lower Upper
 117 100
 82 54.9 43.4 65.0
 119 32.5 26.3 39.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014717.D
 Acq: 20 Jul 2023 13:44



Tgt Ion:152 Resp: 157971
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.8 86.5
 150 155.6 0.0 348.8

