

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009415.D
 Acq On : 01 Jul 2022 12:21
 Operator : KP/MD
 Sample : N3531-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-2

Quant Time: Jul 01 15:33:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	74978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	125378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	121231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	34664	57.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	31266	45.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.173	98	113239	53.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.477	95	36449	36.325	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.660%

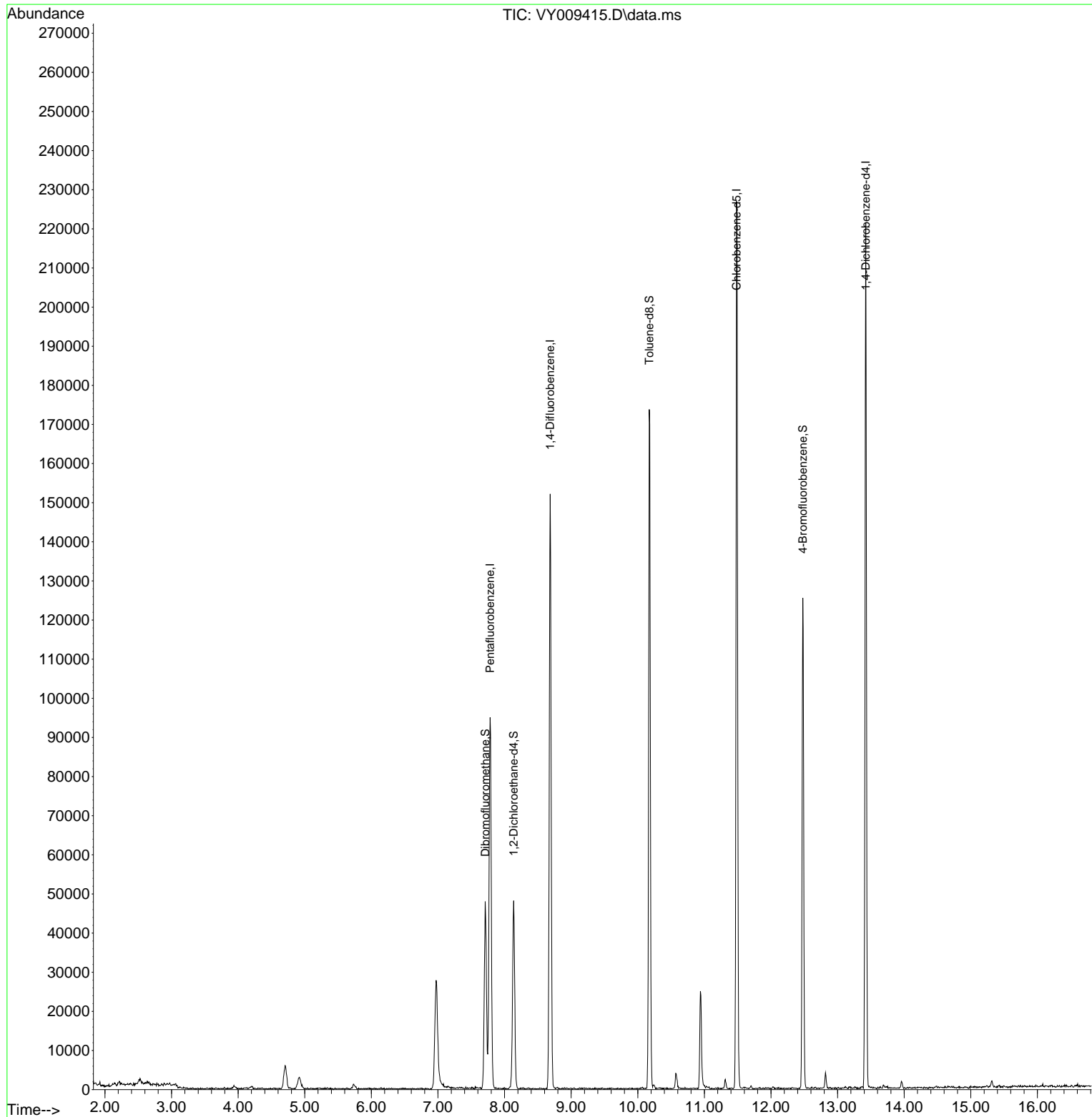
Target Compounds Qvalue

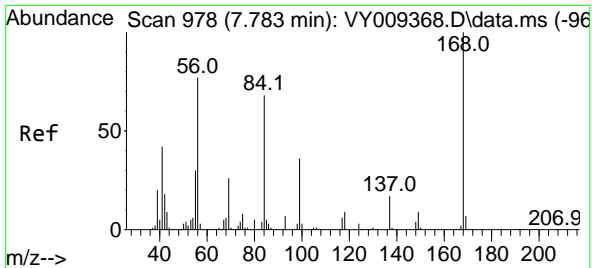
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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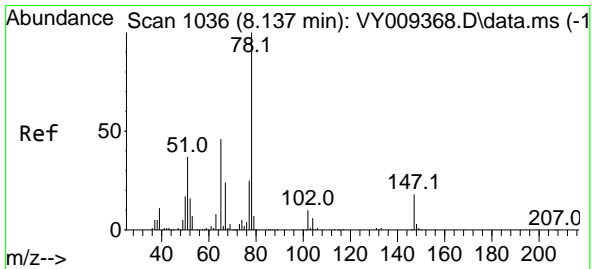
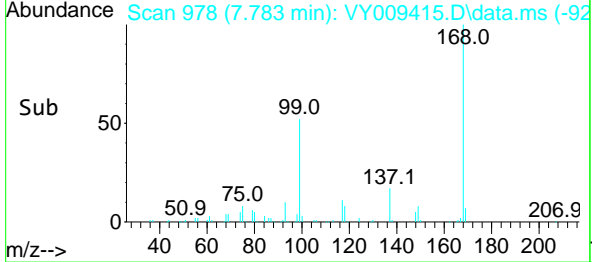
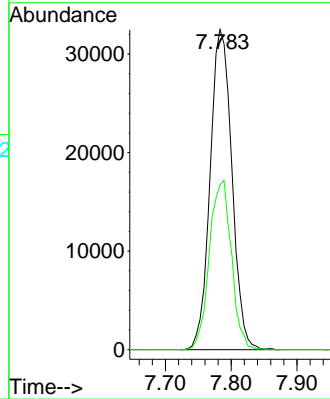
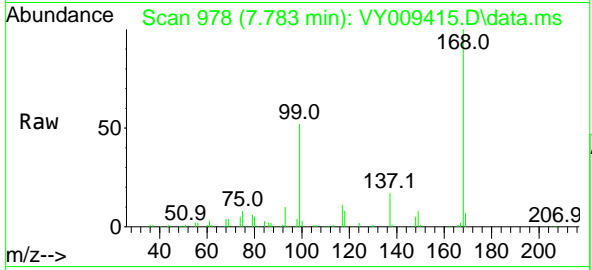




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

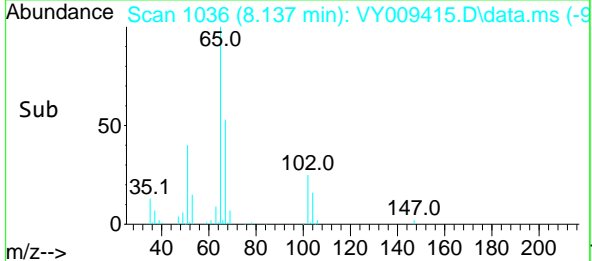
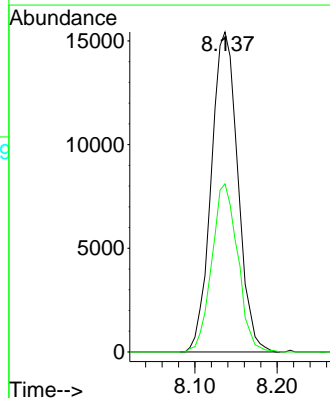
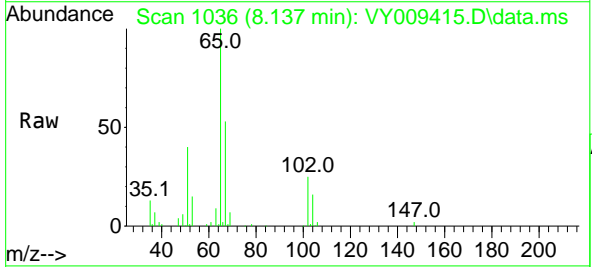
Instrument :
 MSVOA_Y
 ClientSampleId :
 W-2

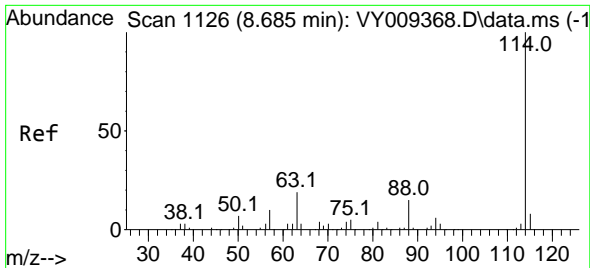
Tgt Ion:168 Resp: 74978
 Ion Ratio Lower Upper
 168 100
 99 51.5 46.9 70.3



#33
 1,2-Dichloroethane-d4
 Concen: 57.721 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

Tgt Ion: 65 Resp: 34664
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4

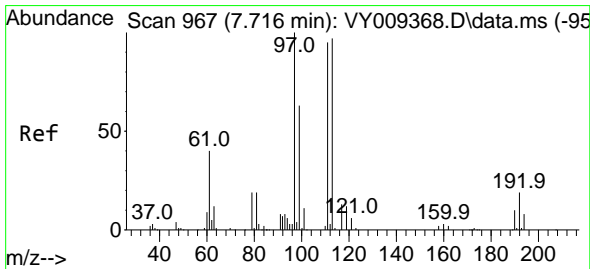
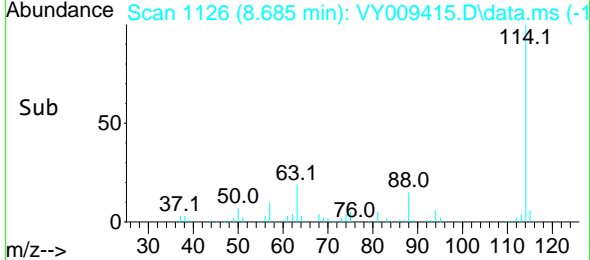
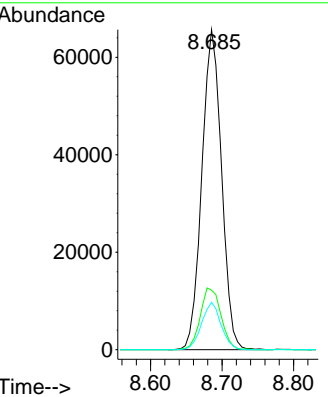
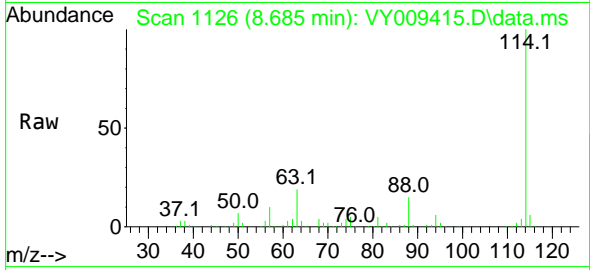




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

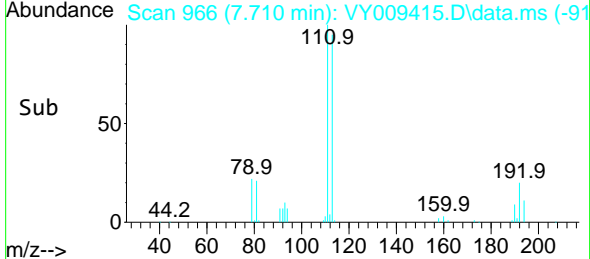
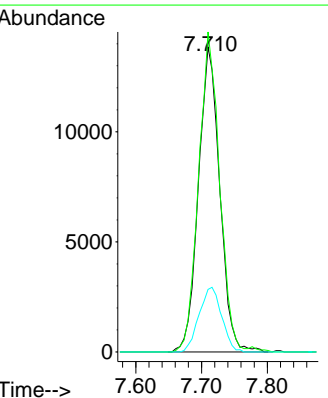
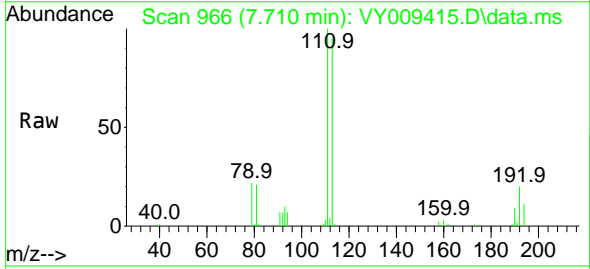
Instrument :
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 ClientSampleId :
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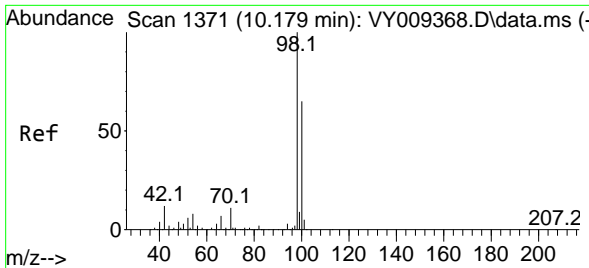
Tgt Ion	Resp	Ion Ratio	Lower	Upper
114	125378	100		
63	18.6	0.0	0.0	43.2
88	14.8	0.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 45.310 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

Tgt Ion	Resp	Ion Ratio	Lower	Upper
113	31266	100		
111	103.0	82.6	82.6	124.0
192	22.4	17.6	17.6	26.4

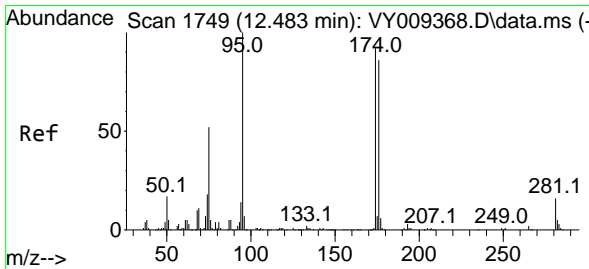
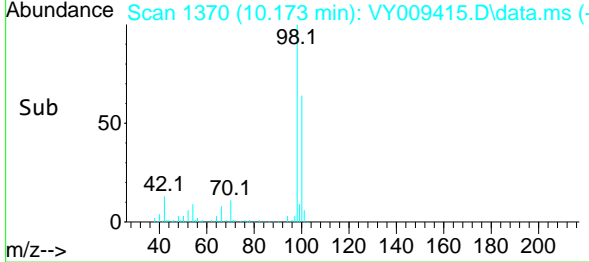
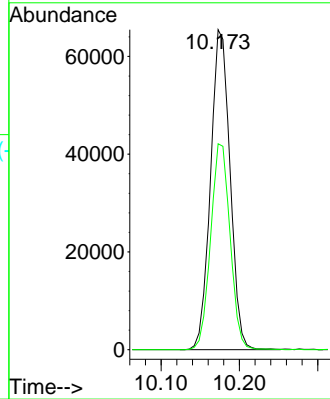
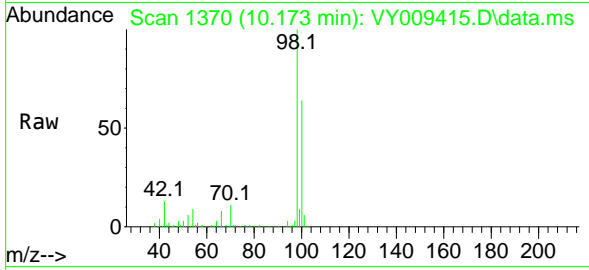




#50
 Toluene-d8
 Concen: 53.523 ug/l
 RT: 10.173 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

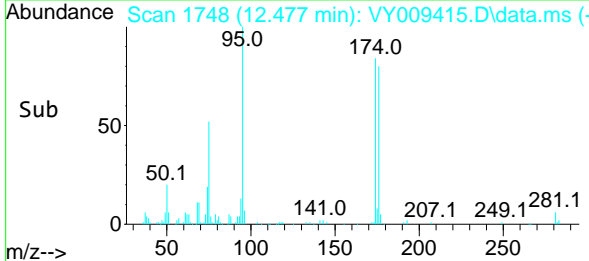
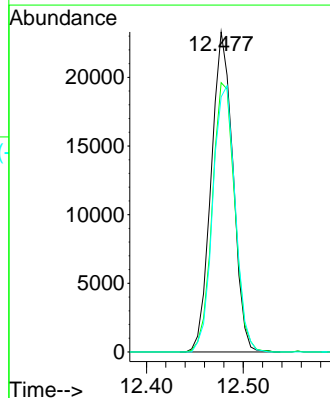
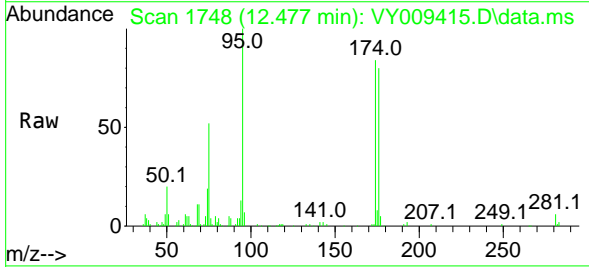
Instrument :
 MSVOA_Y
 ClientSampleId :
 W-2

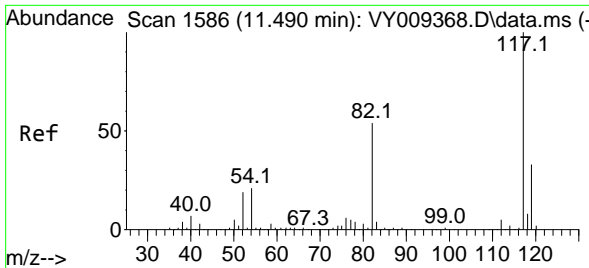
Tgt Ion: 98 Resp: 113239
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.2 75.2



#62
 4-Bromofluorobenzene
 Concen: 36.325 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

Tgt Ion: 95 Resp: 36449
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 177.0
 176 85.3 0.0 175.8



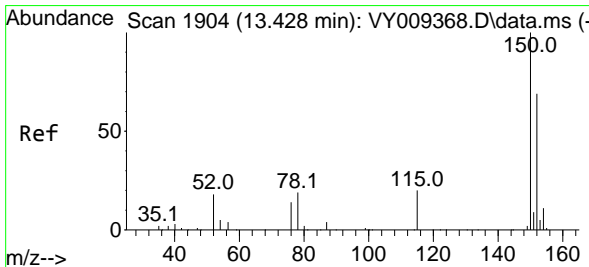
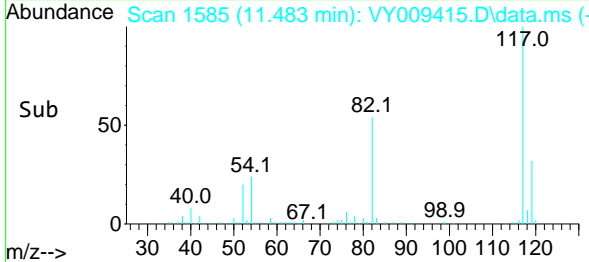
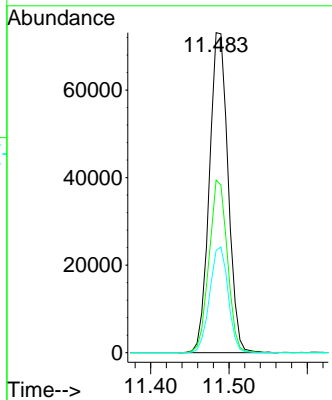
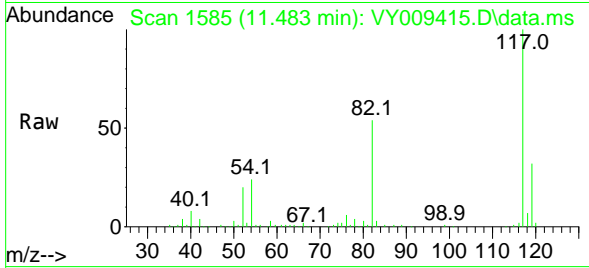


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.483 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

Instrument : MSVOA_Y
 ClientSampleId : W-2

Tgt Ion:117 Resp: 121231

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	31.9	25.4	38.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009415.D
 Acq: 01 Jul 2022 12:21

Tgt Ion:152 Resp: 54432

Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	155.0	0.0	347.6

