Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
Data File : VY010163.D
Acq On : 23 Aug 2022 14:25
Operator : KP/MD
Sample : N4120-06
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

Quant Time: Aug 24 04:32:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	169635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91918	66.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.300%			
35) Dibromofluoromethane	7.710	113	87548	50.171	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.340%			
50) Toluene-d8	10.179	98	320067	48.950	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.477	95	101254	43.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.680%			
Target Compounds						Qvalue

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

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BLDG-19C

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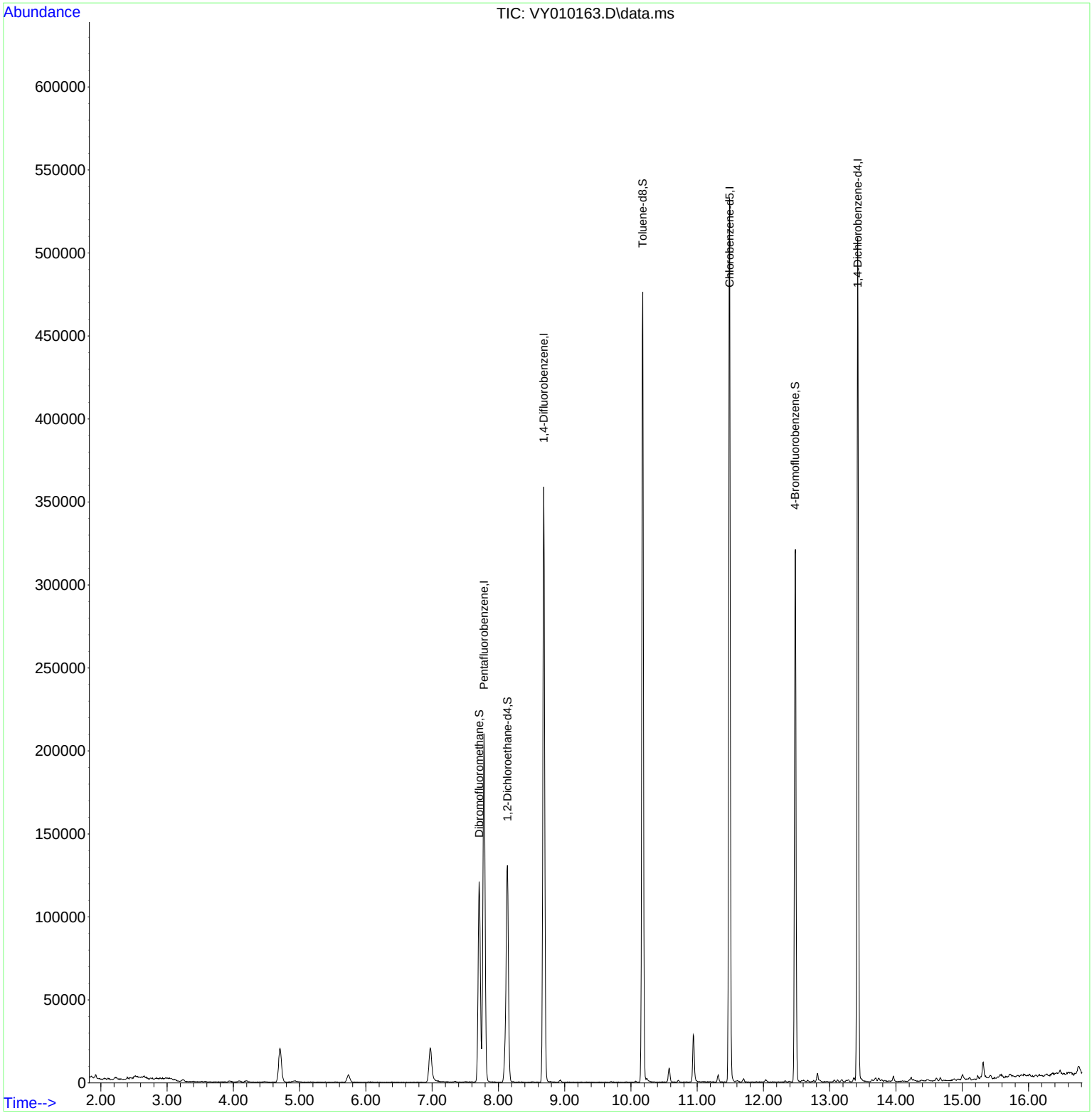
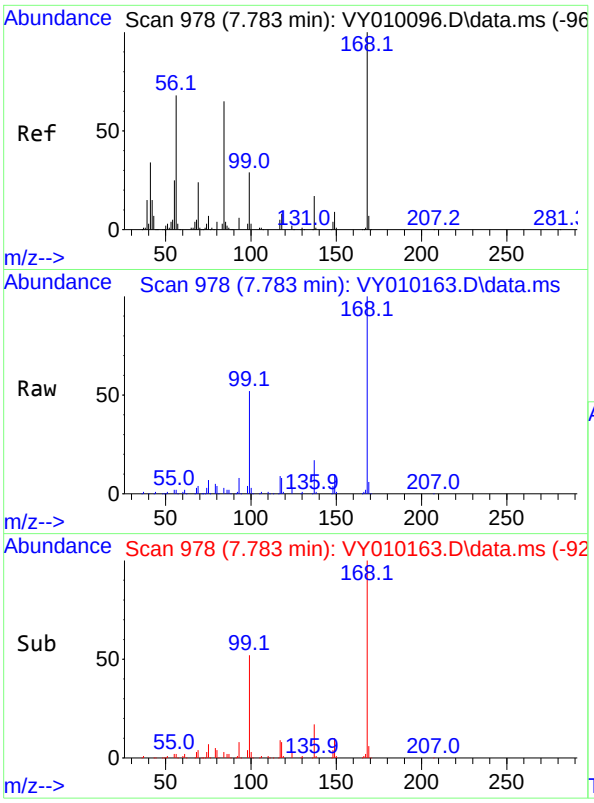


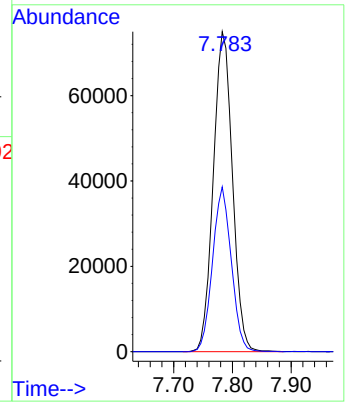


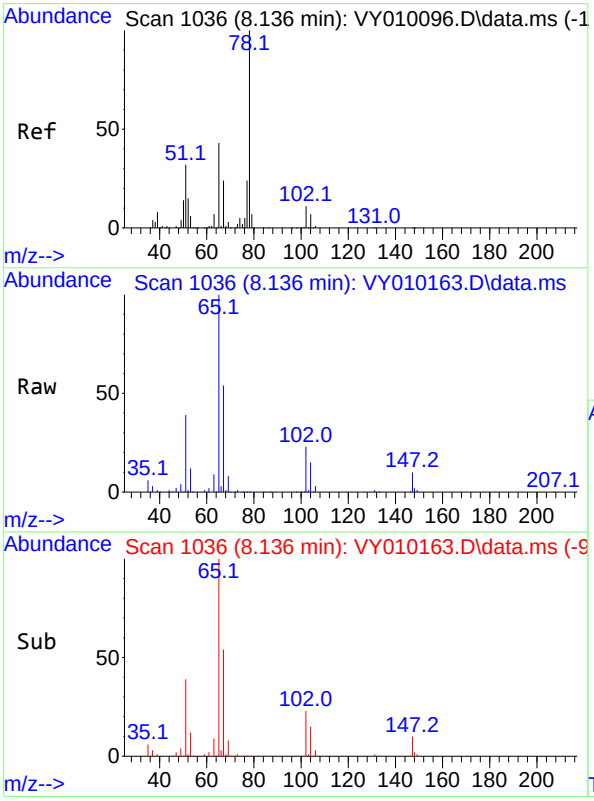
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

Tgt Ion:168 Resp: 169635

Ion	Ratio	Lower	Upper
168	100		
99	51.5	40.7	61.1

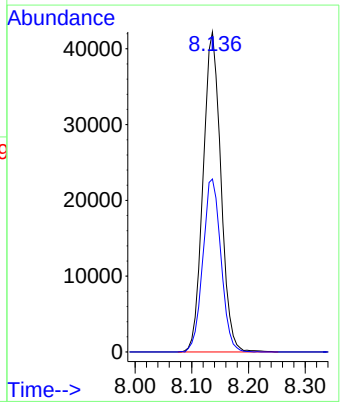


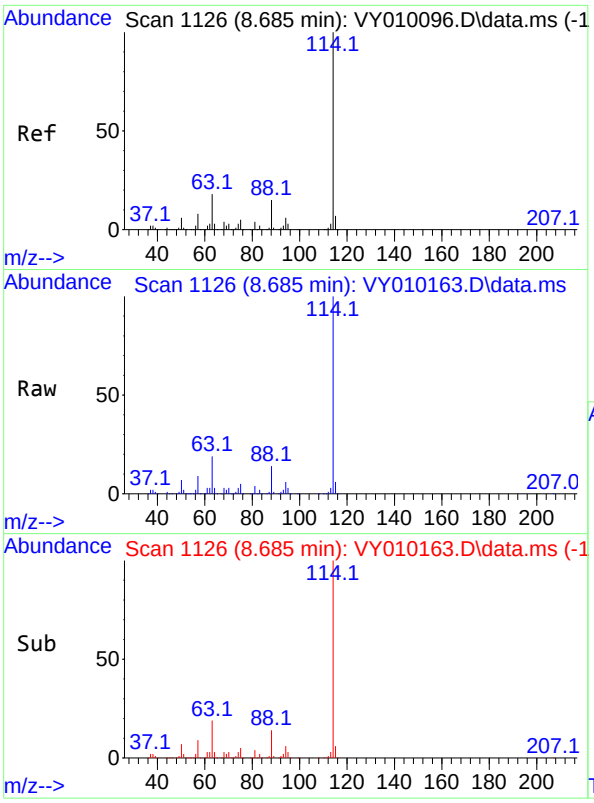


#33
1,2-Dichloroethane-d4
Concen: 66.153 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion: 65 Resp: 91918

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.6



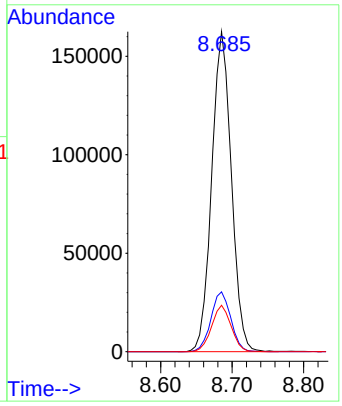


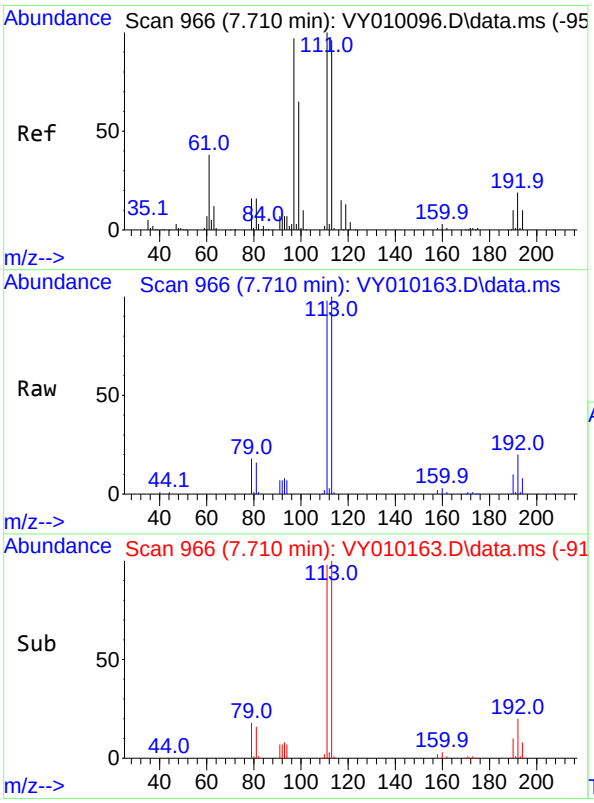
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

Tgt Ion:114 Resp: 309682

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	35.6
88	14.5	0.0	29.6

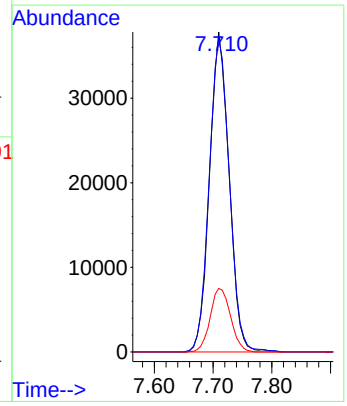


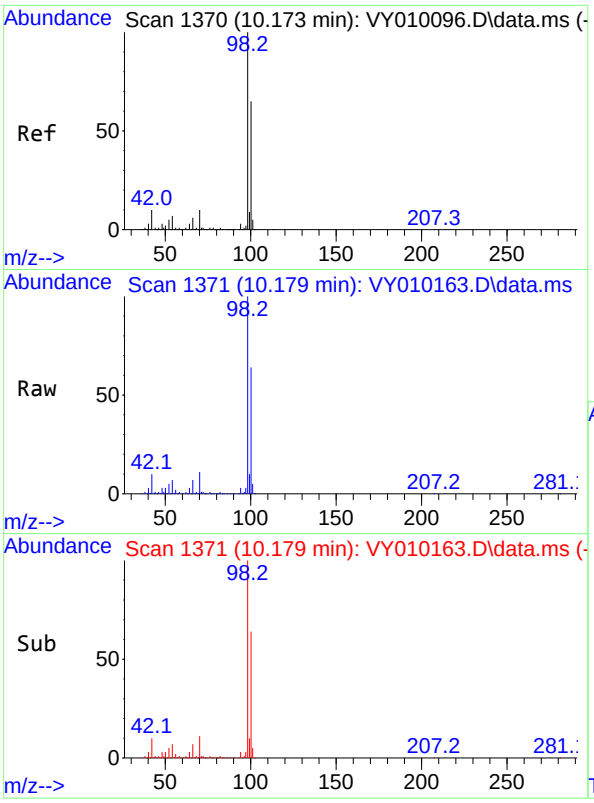


#35
Dibromofluoromethane
Concen: 50.171 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion:113 Resp: 87548

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.8	124.2
192	20.7	16.3	24.5



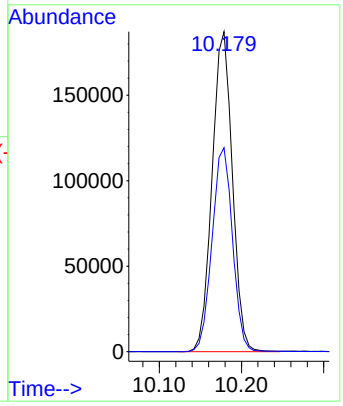


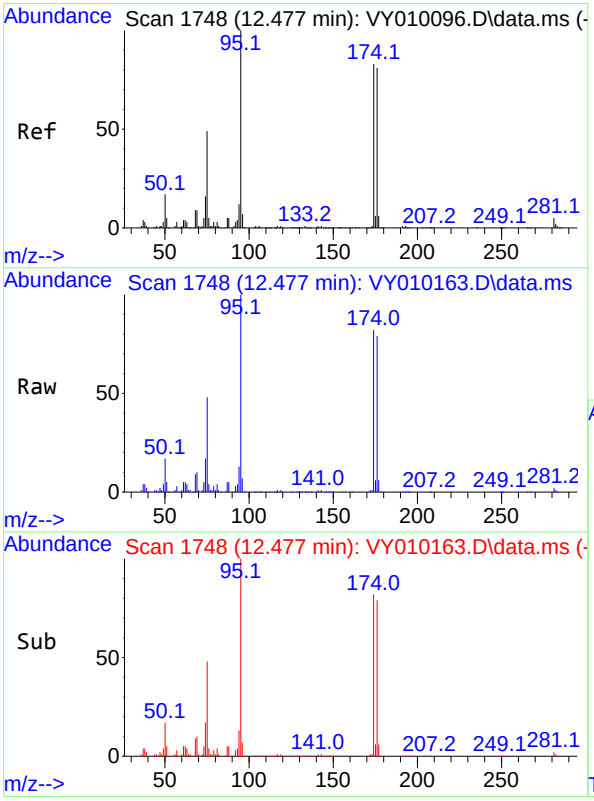
#50
Toluene-d8
Concen: 48.950 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

Tgt Ion: 98 Resp: 320067

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9

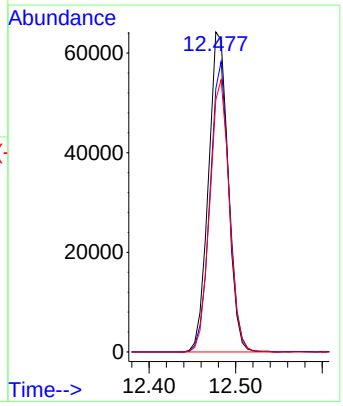


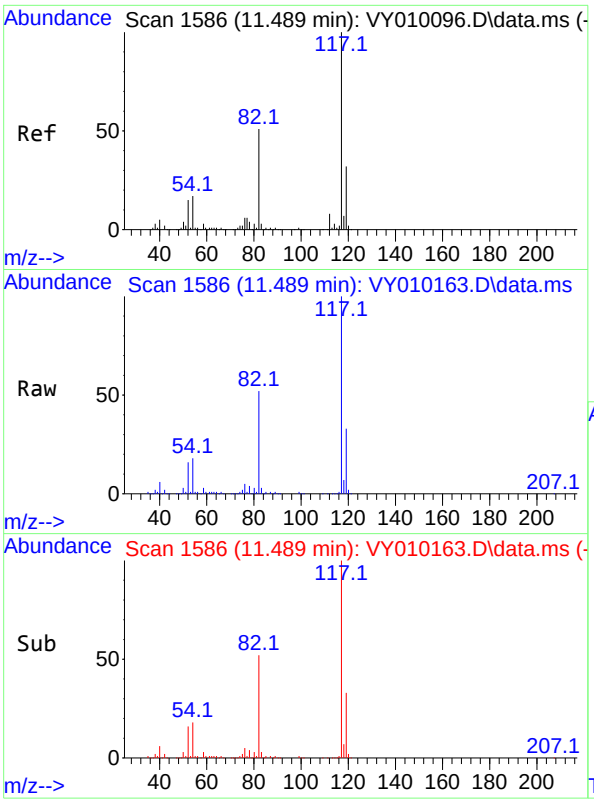


#62
4-Bromofluorobenzene
Concen: 43.341 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion: 95 Resp: 101254

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	173.8
176	84.4	0.0	167.2



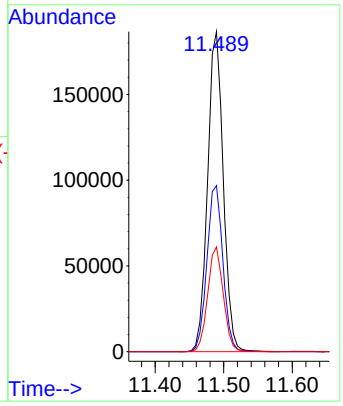


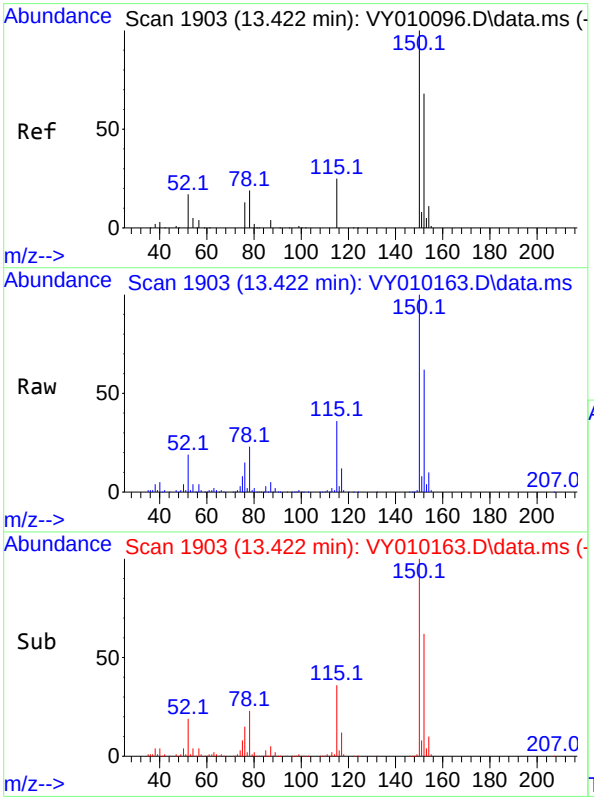
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

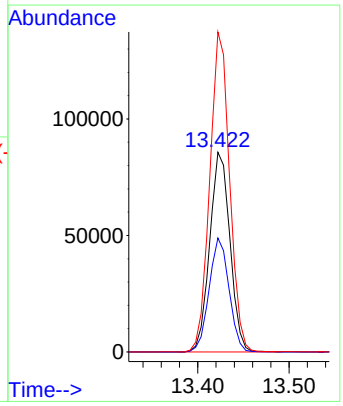
Tgt Ion:117 Resp: 296939

Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.6	61.0
119	32.8	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion:152 Resp: 131756

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.2
150	156.9	0.0	346.2