Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
Data File : VY012759.D
Acq On : 02 Mar 2023 14:33
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Mar 03 01:17:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	113506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61798	54.836	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.680%			
35) Dibromofluoromethane	7.716	113	56992	51.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.040%			
50) Toluene-d8	10.179	98	197573	48.385	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.483	95	64449	46.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.520%			
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	15.007	180	1774	1.267	ug/l	93
95) Naphthalene	15.239	128	4030	1.436	ug/l	96
96) 1,2,3-Trichlorobenzene	15.422	180	2025	1.626	ug/l	92

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

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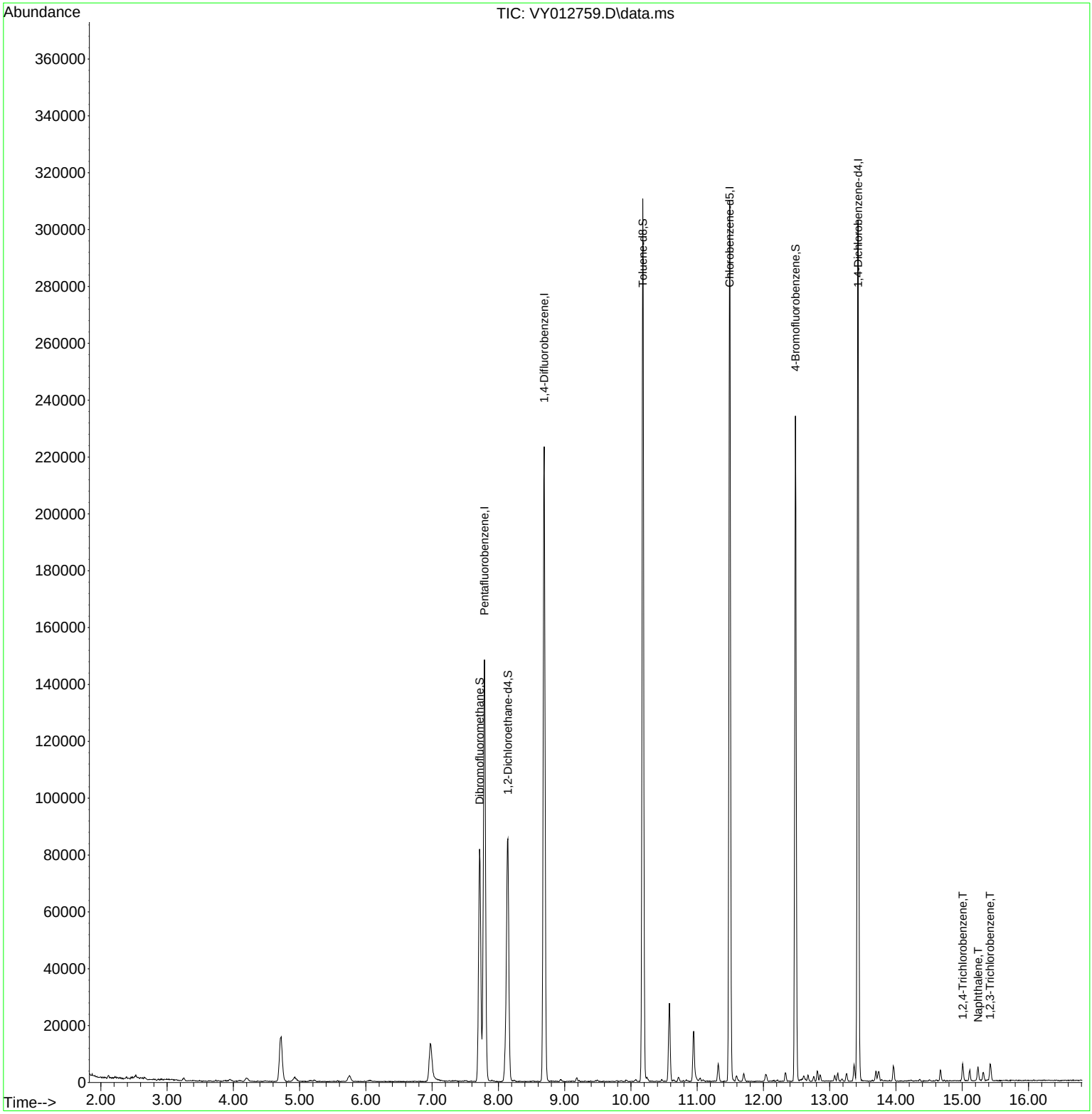
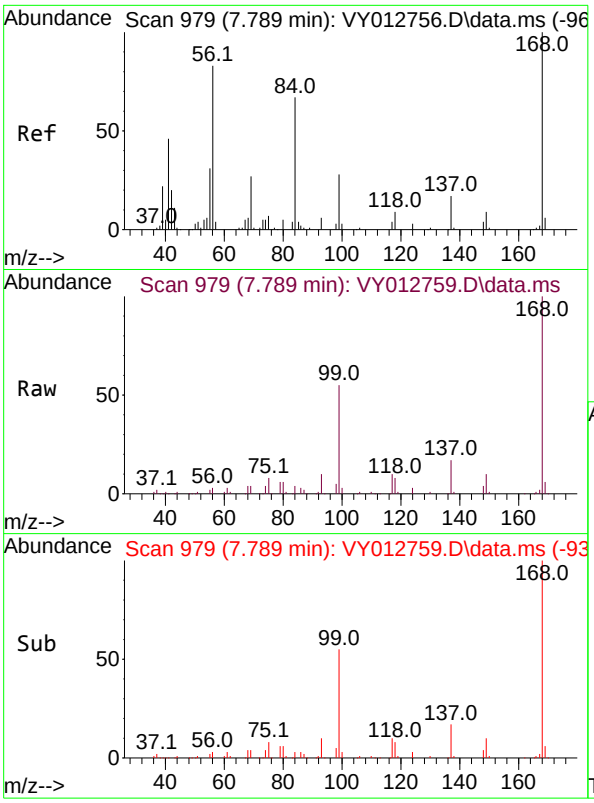


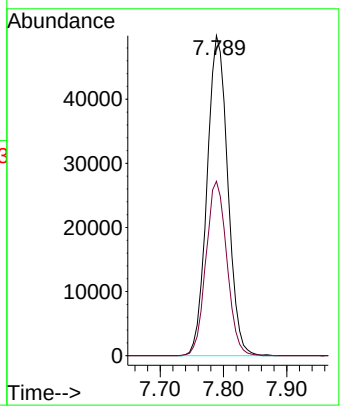


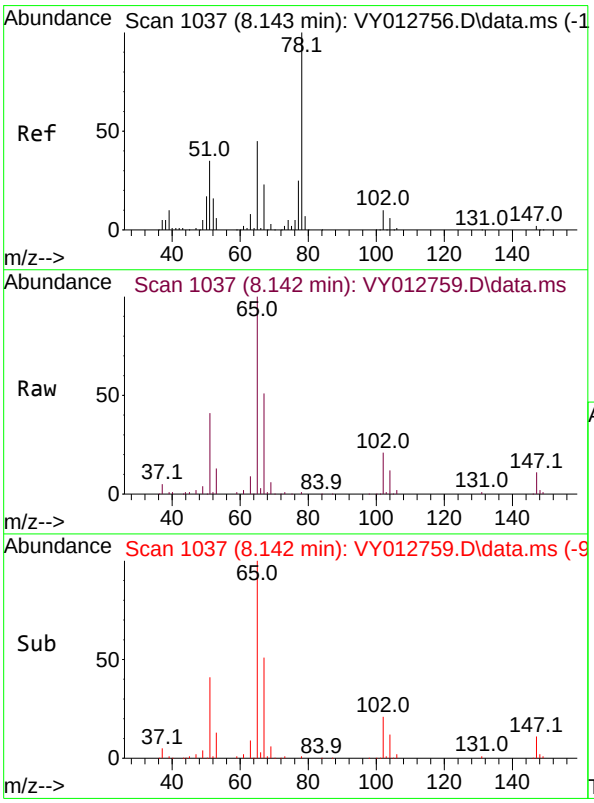
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 113506

Ion	Ratio	Lower	Upper
168	100		
99	54.5	41.7	62.5

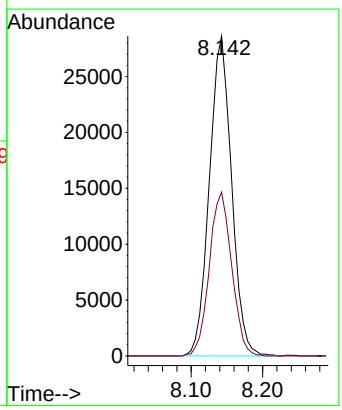


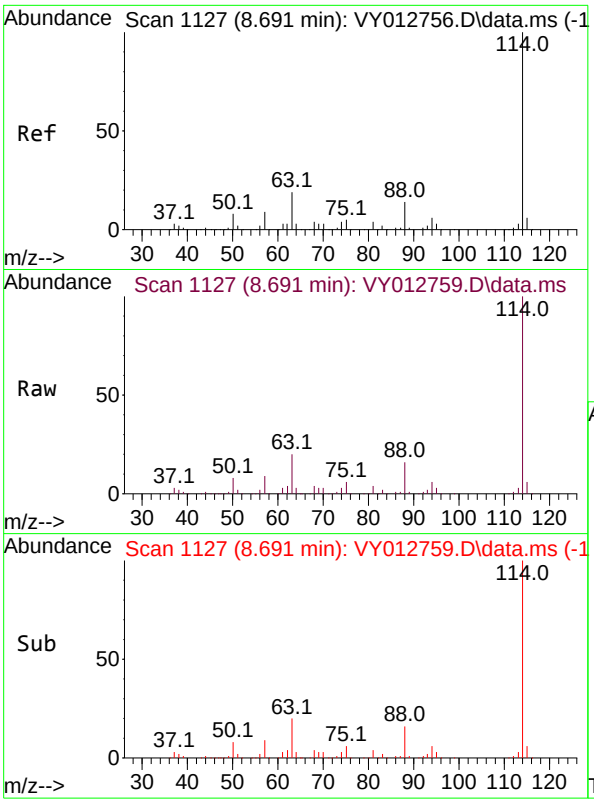


#33
1,2-Dichloroethane-d4
Concen: 54.836 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Tgt Ion: 65 Resp: 61798

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0



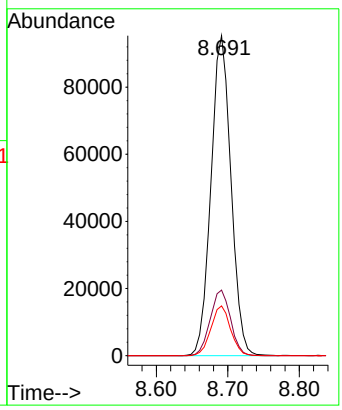


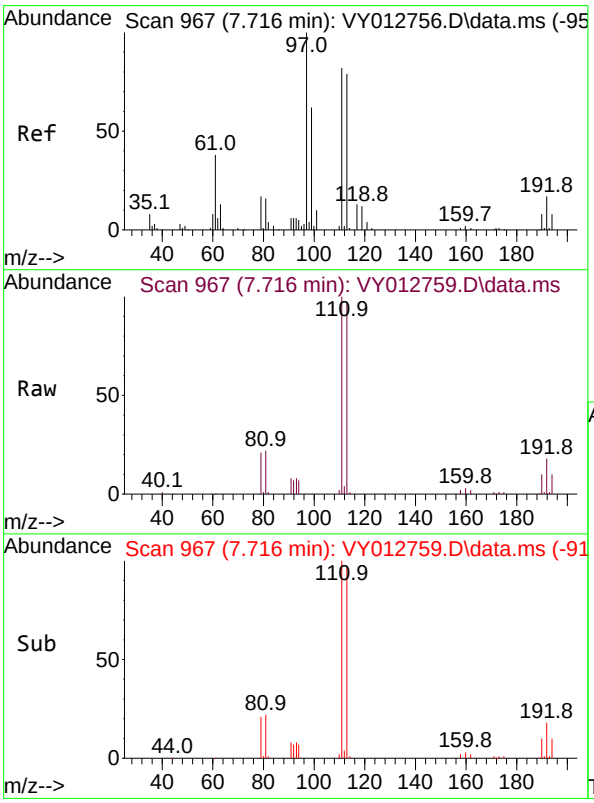
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 185081

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.4
88	15.5	0.0	28.6

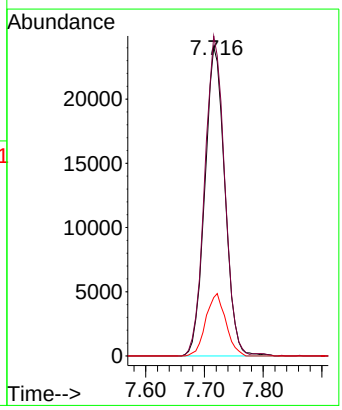


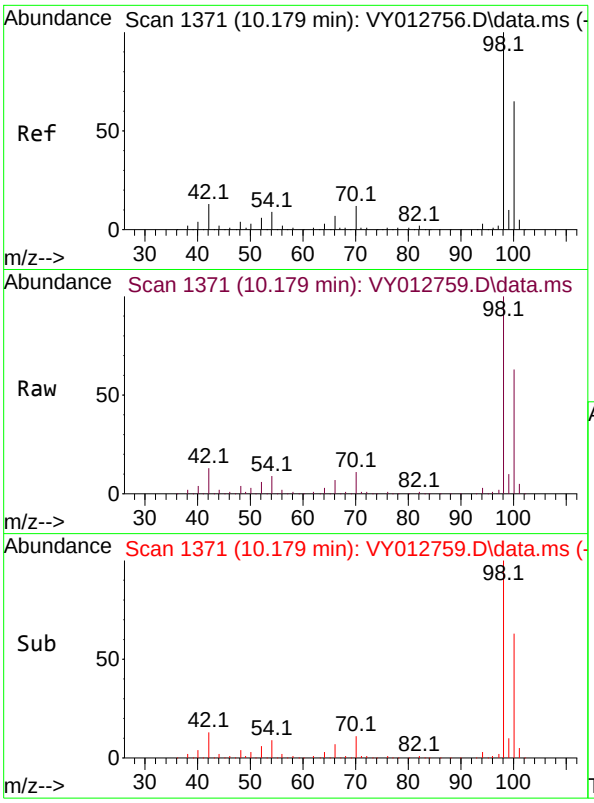


#35
Dibromofluoromethane
Concen: 51.024 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Tgt Ion:113 Resp: 56992

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	20.1	16.8	25.2



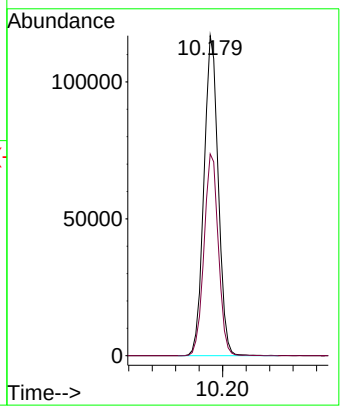


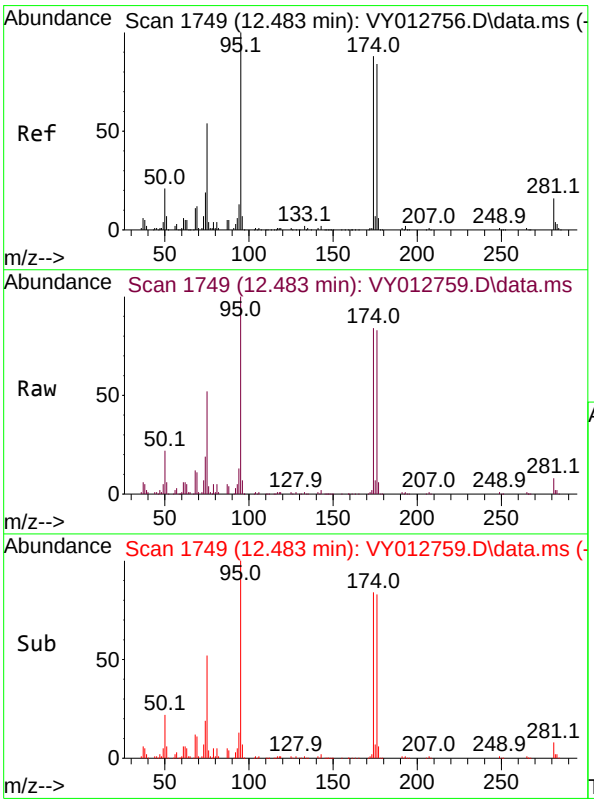
#50
Toluene-d8
Concen: 48.385 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 197573

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

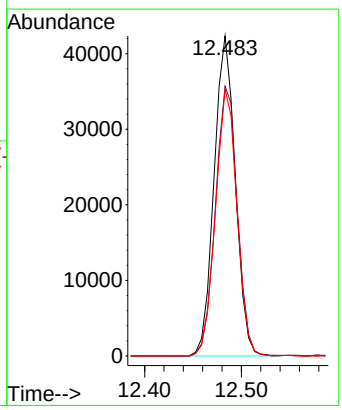


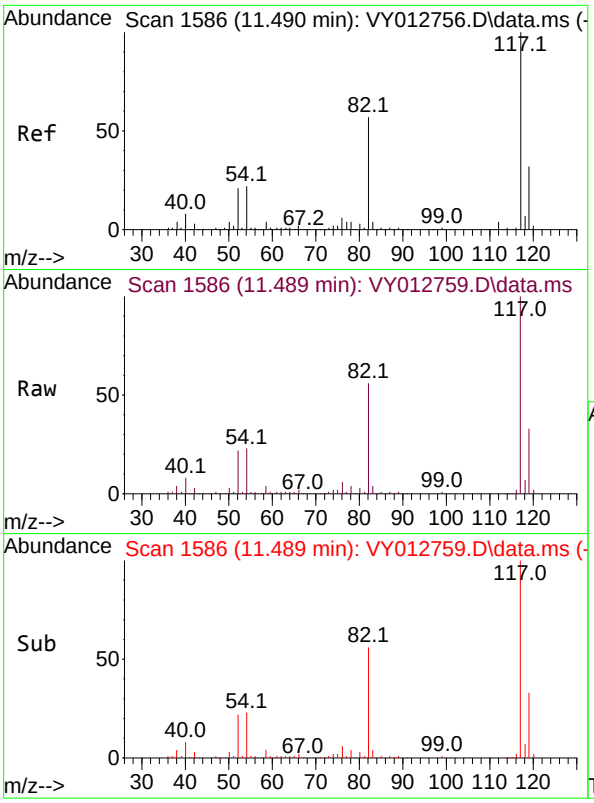


#62
4-Bromofluorobenzene
Concen: 46.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Tgt Ion: 95 Resp: 64449

Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	176.6
176	84.1	0.0	170.2



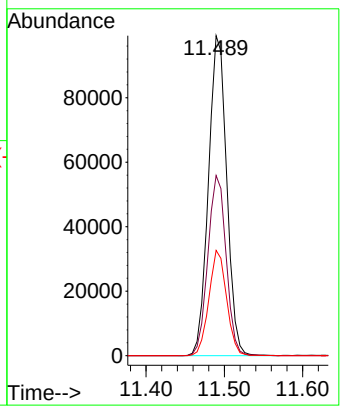


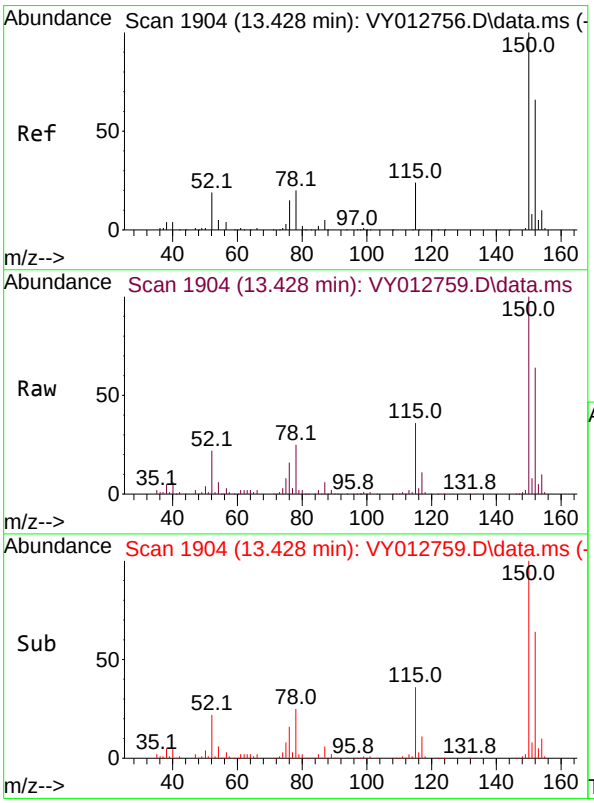
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 160553

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	32.9	25.6	38.4

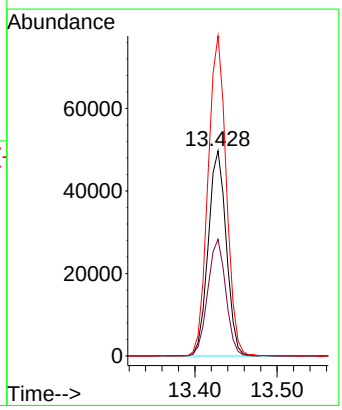


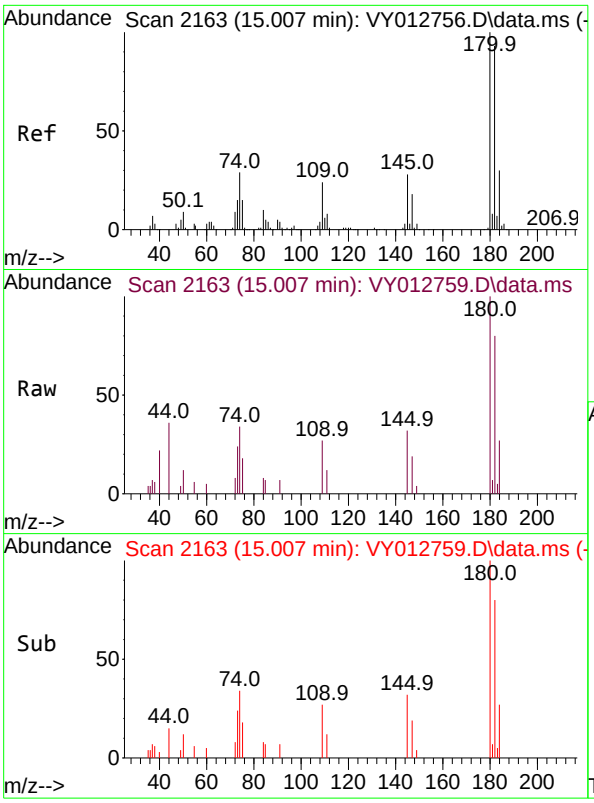


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Tgt Ion:152 Resp: 75757

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.1	81.3
150	157.6	0.0	347.8



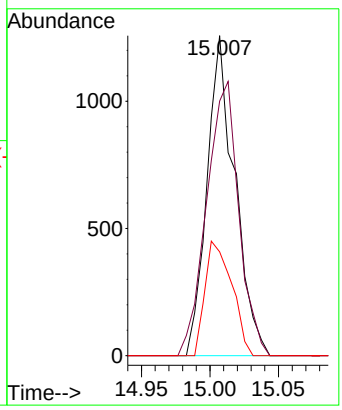


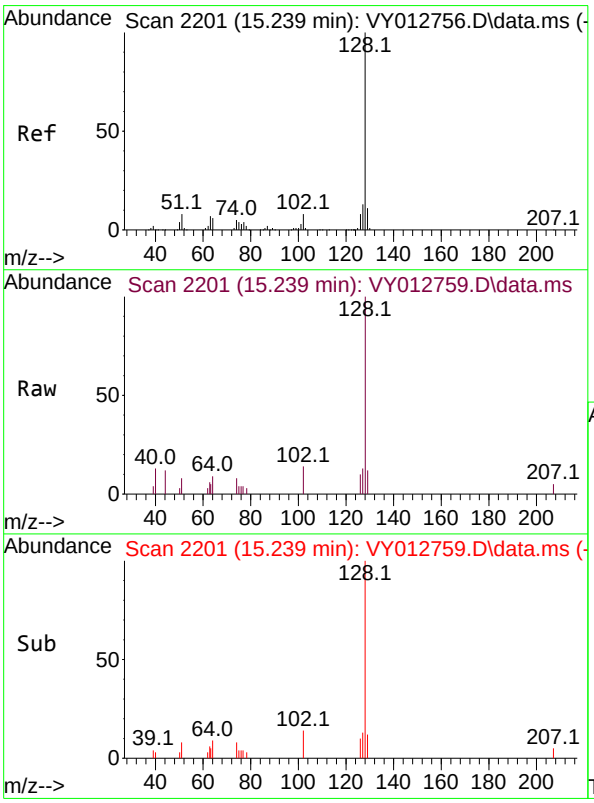
#93
1,2,4-Trichlorobenzene
Concen: 1.267 ug/l
RT: 15.007 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 1774

Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.7	140.1
145	34.4	14.6	43.8

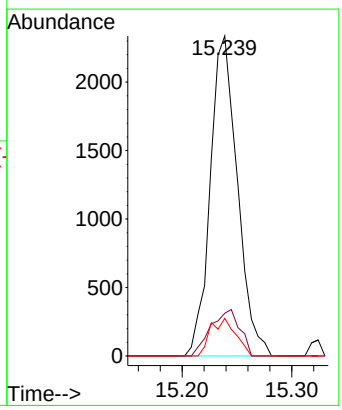


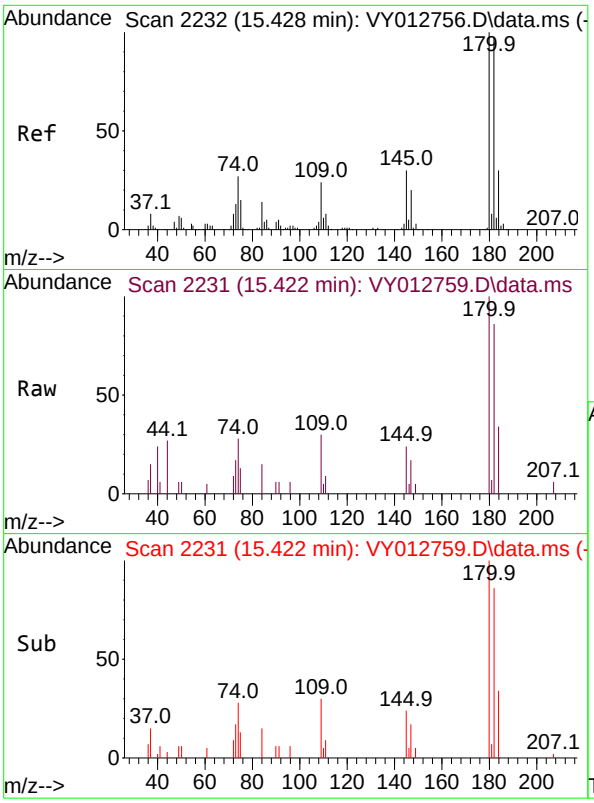


#95
Naphthalene
Concen: 1.436 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Tgt Ion:128 Resp: 4030

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.3	15.5
129	10.8	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.626 ug/l
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY012759.D
Acq: 02 Mar 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 2025

Ion	Ratio	Lower	Upper
180	100		
182	103.1	47.4	142.3
145	33.8	15.3	45.8