Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013147.D
Acq On : 30 Mar 2023 12:31
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Mar 31 03:58:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 03:45:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	104406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61986	55.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.480%			
35) Dibromofluoromethane	7.716	113	57677	51.259	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.520%			
50) Toluene-d8	10.179	98	202963	47.780	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.560%			
62) 4-Bromofluorobenzene	12.483	95	64332	46.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.060%			
Target Compounds						Qvalue
16) Acetone	3.948	43	937	2.731	ug/l #	87
20) Methylene Chloride	4.722	84	9813	3.265	ug/l #	88
93) 1,2,4-Trichlorobenzene	15.013	180	1846	1.463	ug/l	94
95) Naphthalene	15.239	128	4198	4.702	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	2033	1.828	ug/l	95

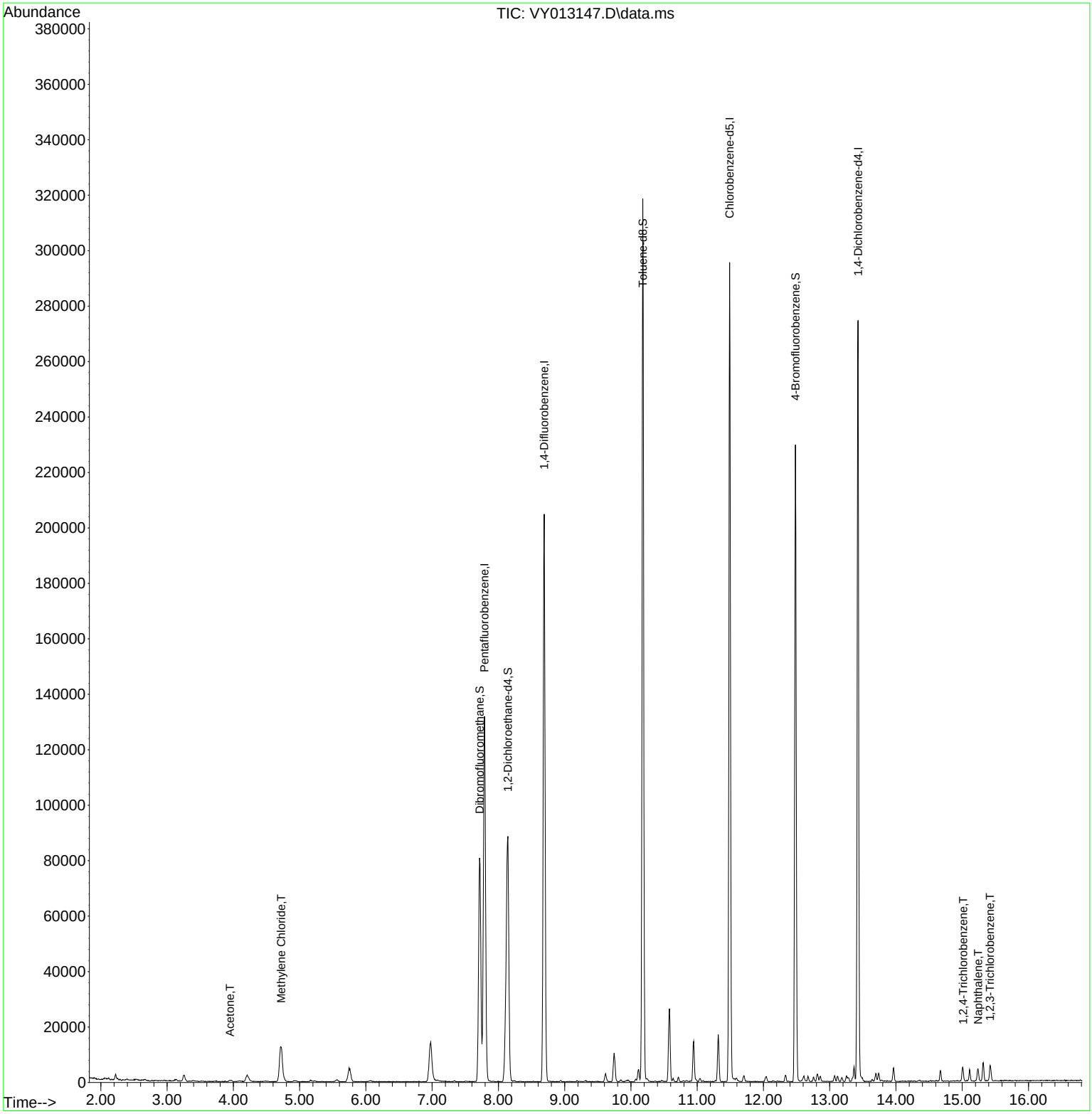
(#) = qualifier out of range (m) = manual integration (+) = signals summed

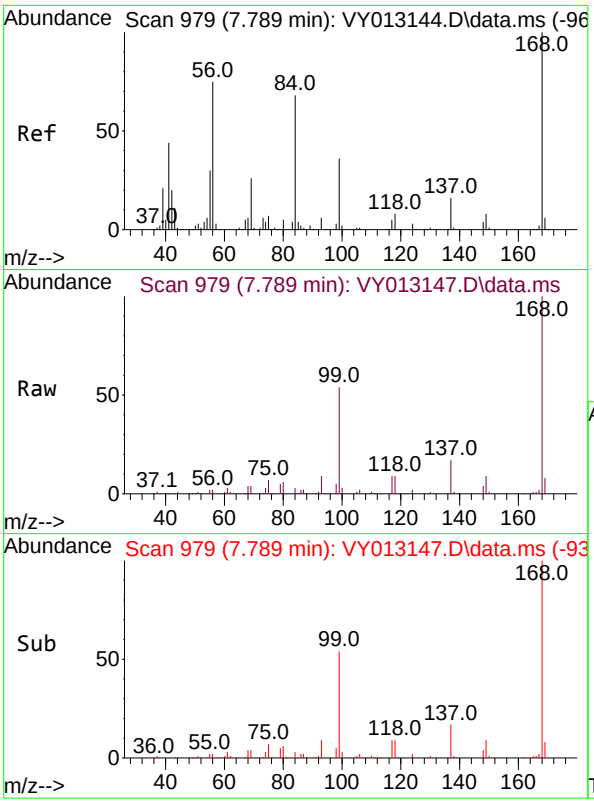
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013147.D
Acq On : 30 Mar 2023 12:31
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Mar 31 03:58:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 03:45:49 2023
Response via : Initial Calibration



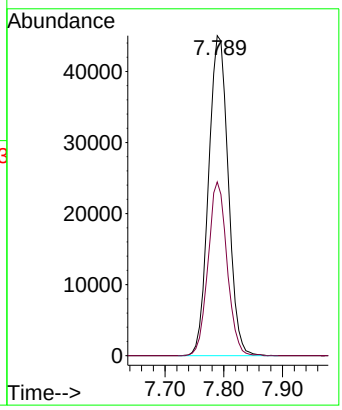


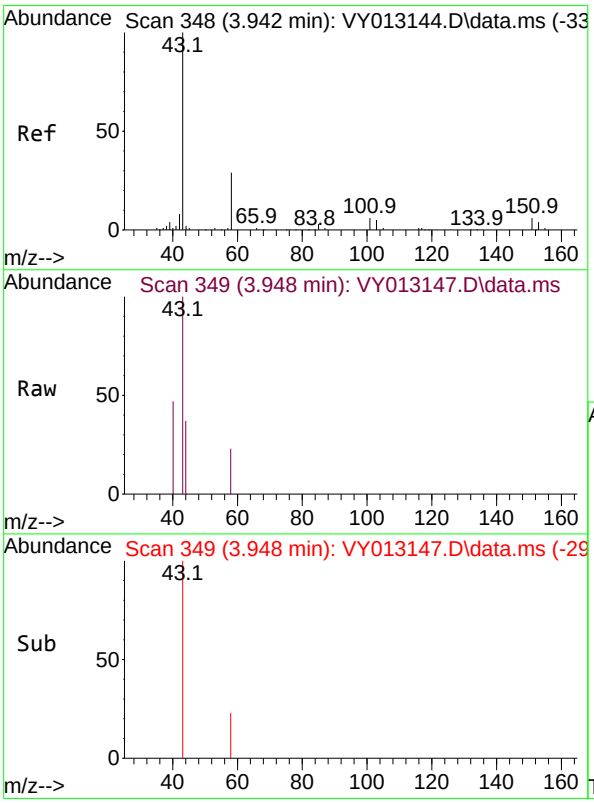
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 104406

Ion	Ratio	Lower	Upper
168	100		
99	54.3	41.7	62.5

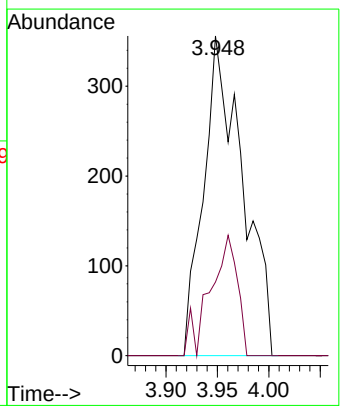


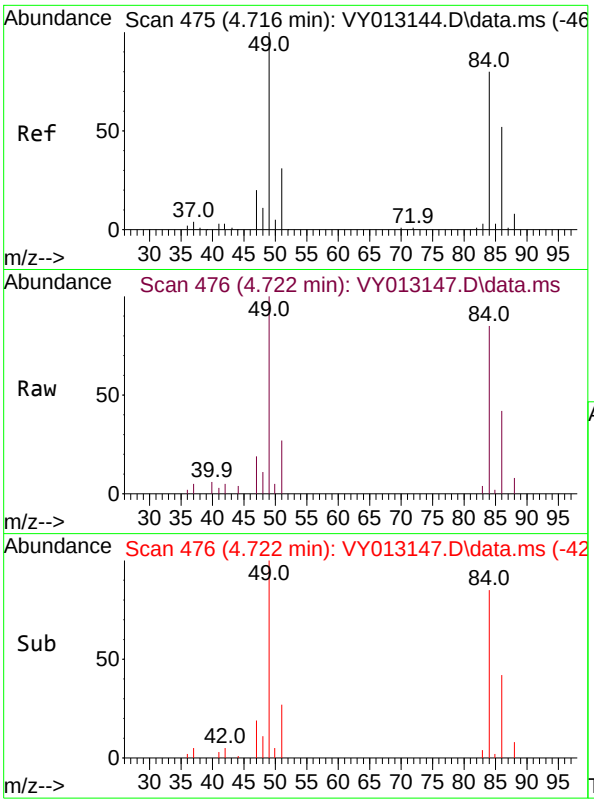


#16
Acetone
Concen: 2.731 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Tgt Ion: 43 Resp: 937

Ion	Ratio	Lower	Upper
43	100		
58	23.0	24.2	36.2#



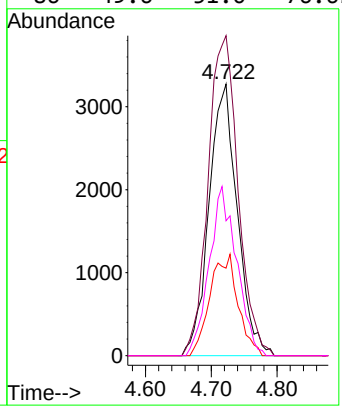


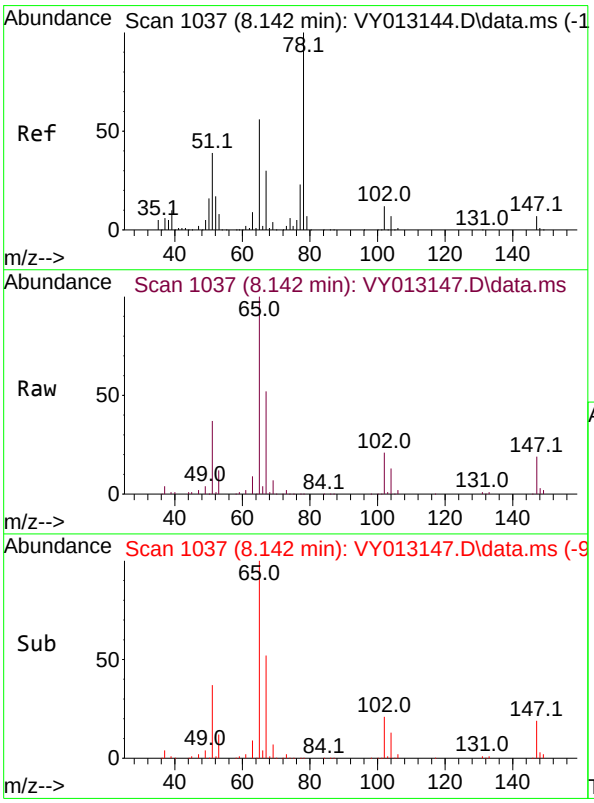
#20
Methylene Chloride
Concen: 3.265 ug/l
RT: 4.722 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 9813

Ion	Ratio	Lower	Upper
84	100		
49	117.8	102.6	154.0
51	32.2	31.9	47.9
86	49.6	51.0	76.6#

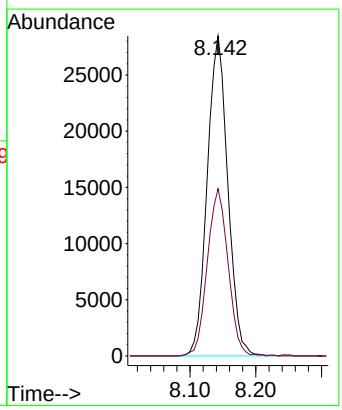


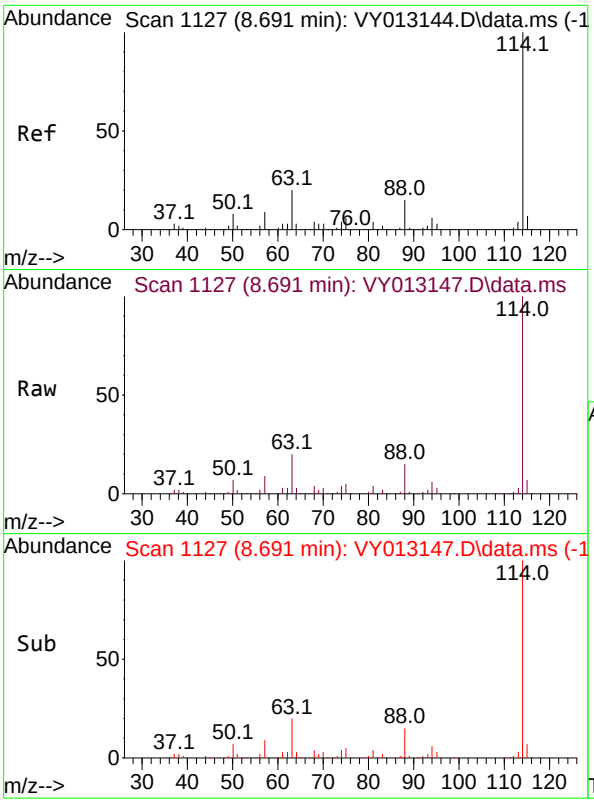


#33
1,2-Dichloroethane-d4
Concen: 55.244 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Tgt Ion: 65 Resp: 61986

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.0



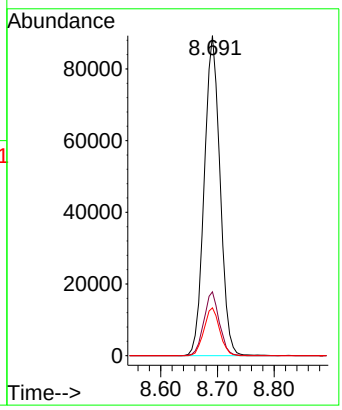


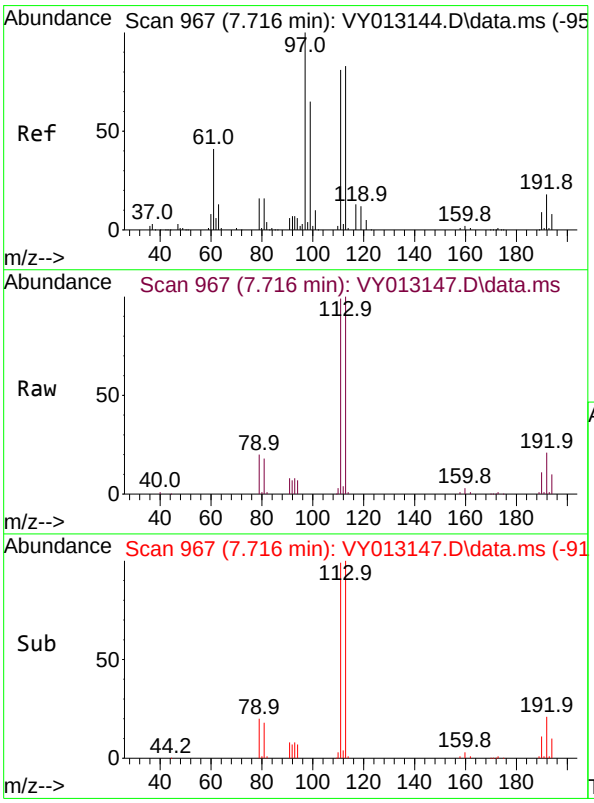
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 172243

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.4
88	14.9	0.0	28.6

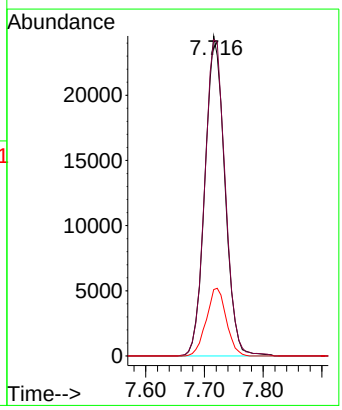


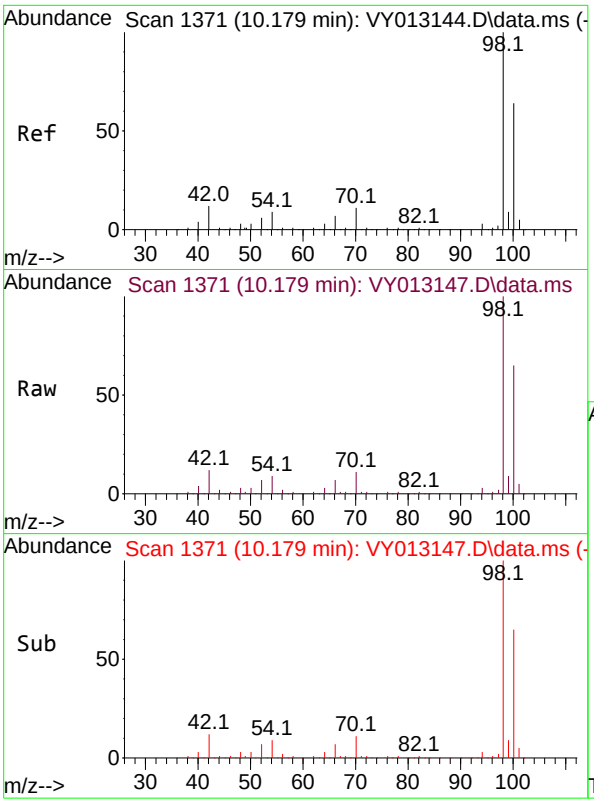


#35
Dibromofluoromethane
Concen: 51.259 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Tgt Ion:113 Resp: 57677

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.2
192	21.2	16.8	25.2



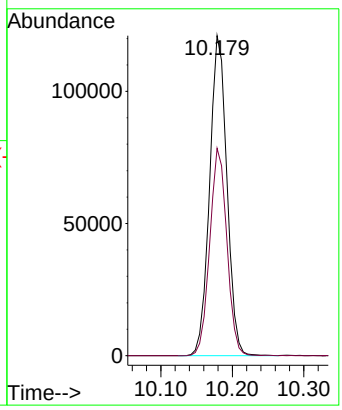


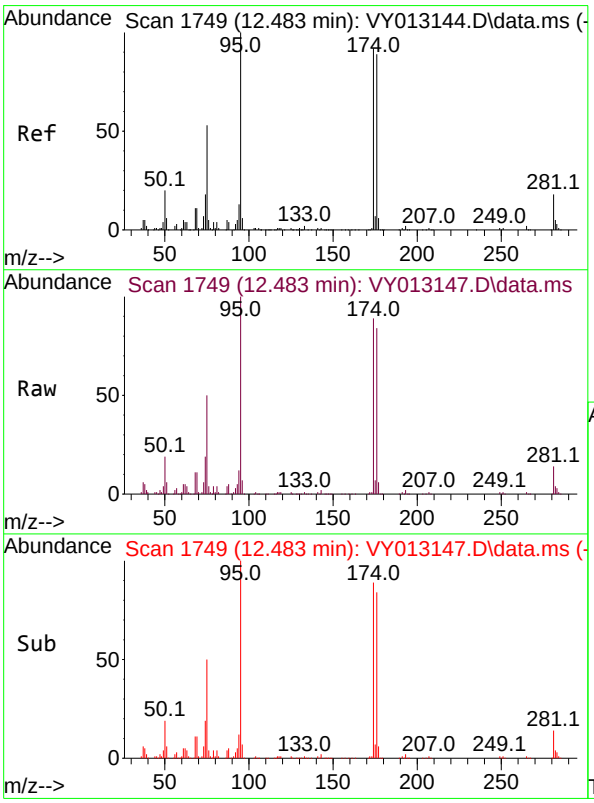
#50
Toluene-d8
Concen: 47.780 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 202963

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

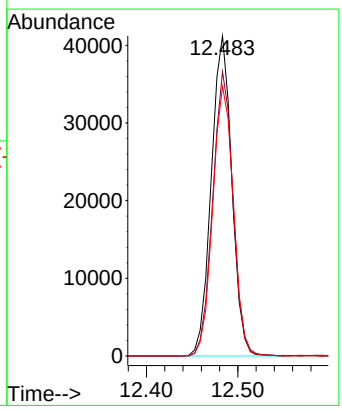


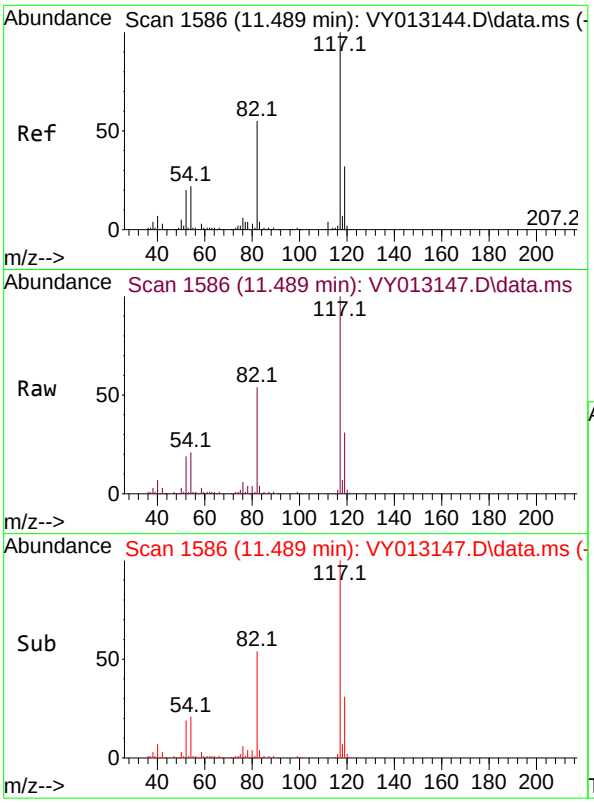


#62
4-Bromofluorobenzene
Concen: 46.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Tgt Ion: 95 Resp: 64332

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	176.6
176	84.9	0.0	170.2



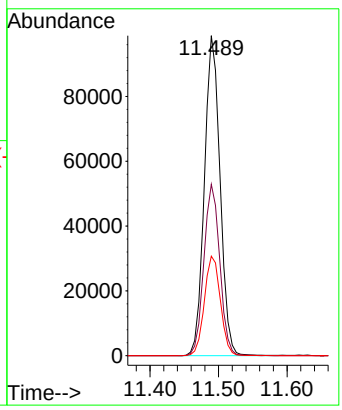


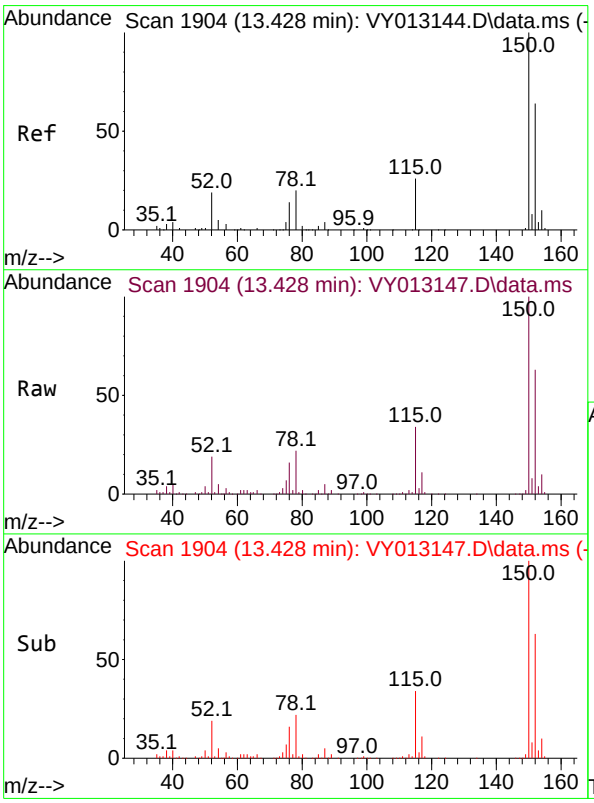
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 157589

Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.4	68.0
119	31.1	25.6	38.4

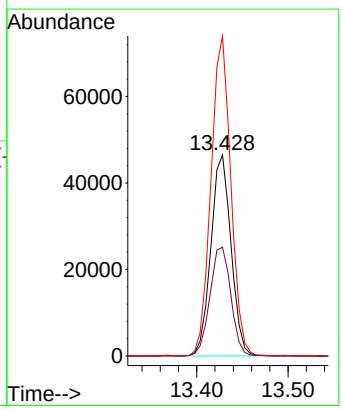


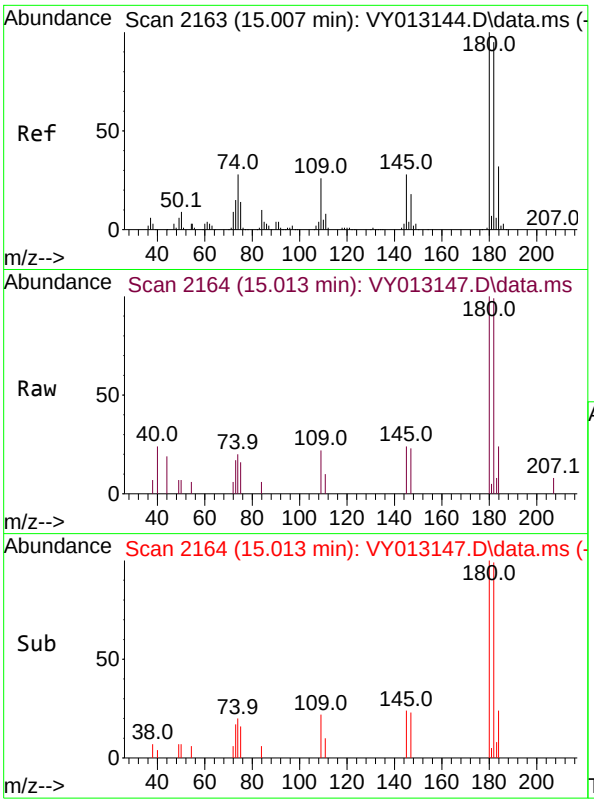


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Tgt Ion:152 Resp: 71231

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.1	81.3
150	157.0	0.0	347.8



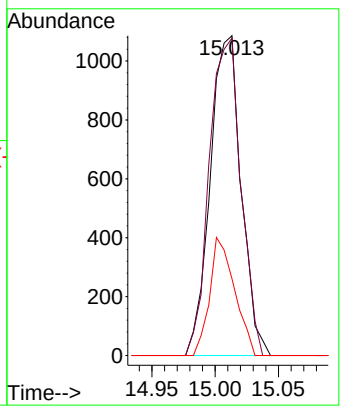


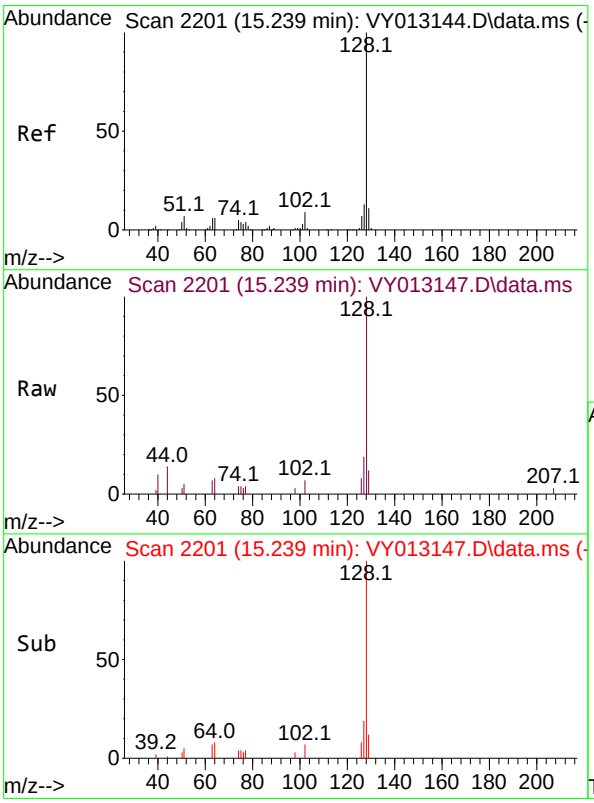
#93
1,2,4-Trichlorobenzene
Concen: 1.463 ug/l
RT: 15.013 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 1846

Ion	Ratio	Lower	Upper
180	100		
182	101.1	46.7	140.1
145	29.7	14.6	43.8

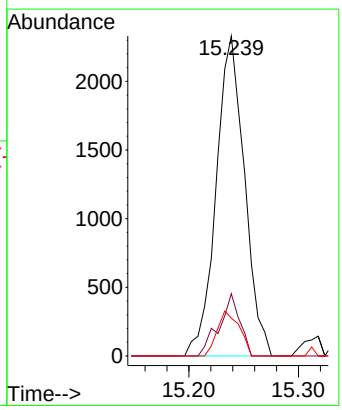


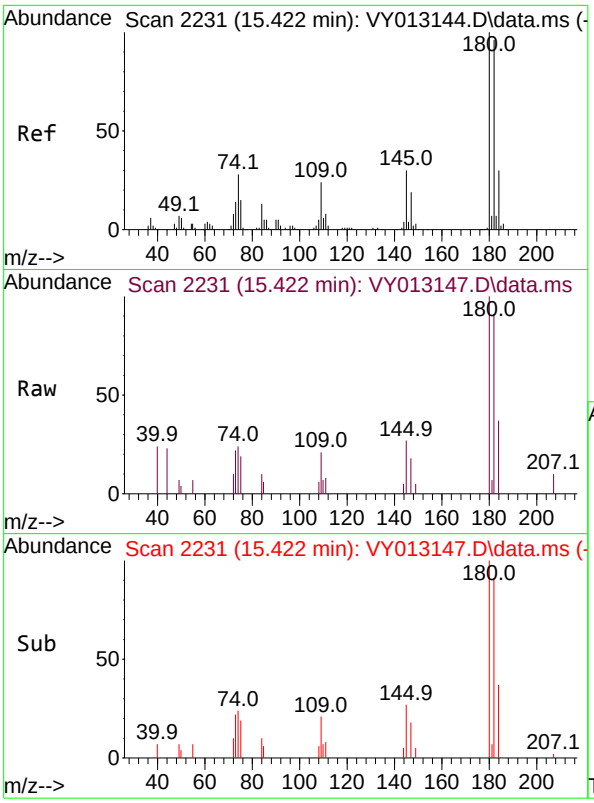


#95
Naphthalene
Concen: 4.702 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Tgt Ion:128 Resp: 4198

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	10.9	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.828 ug/l
RT: 15.422 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY013147.D
Acq: 30 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 2033

Ion	Ratio	Lower	Upper
180	100		
182	101.5	47.4	142.3
145	30.2	15.3	45.8