Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
Data File : VY014517.D
Acq On : 30 Jun 2023 15:14
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: Jun 30 23:16:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	296603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	462236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	440548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	160241	54.309	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.620%			
35) Dibromofluoromethane	7.710	113	148237	52.077	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.160%			
50) Toluene-d8	10.179	98	545433	48.472	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.477	95	182914	46.813	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.620%			
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	35906	6.263	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.007	180	6720	1.551	ug/l	95
94) Hexachlorobutadiene	15.111	225	2817	1.058	ug/l	96
95) Naphthalene	15.233	128	18674	2.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	7135	1.807	ug/l	96

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

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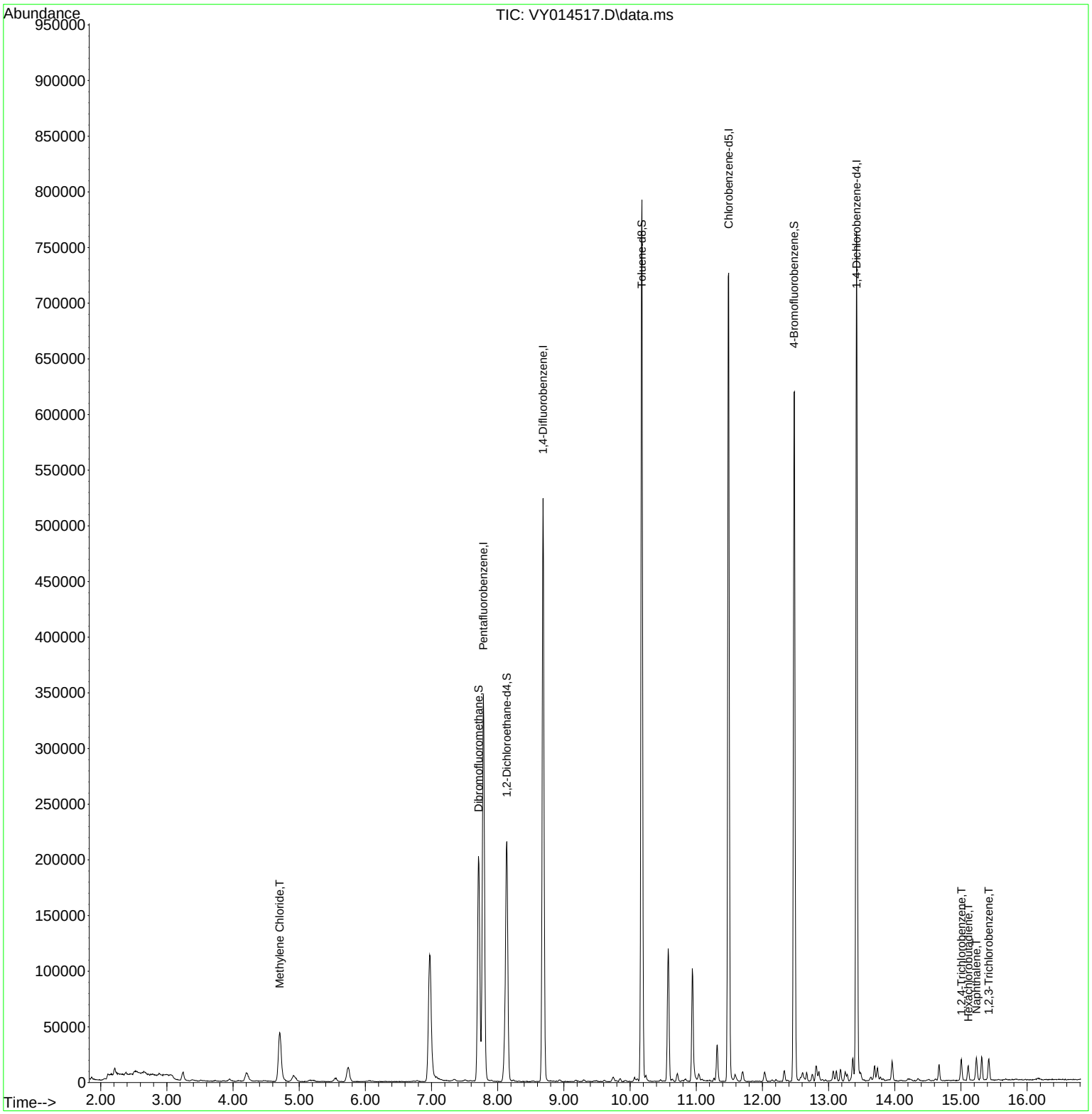
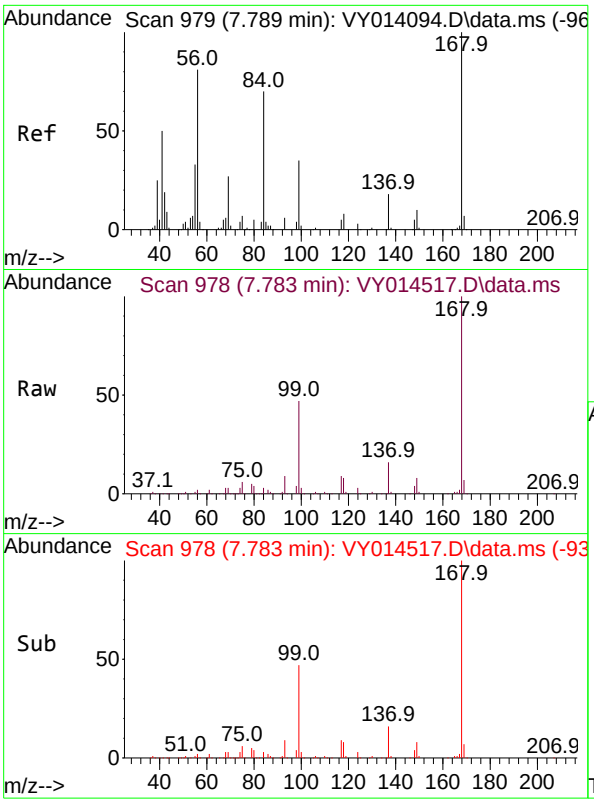


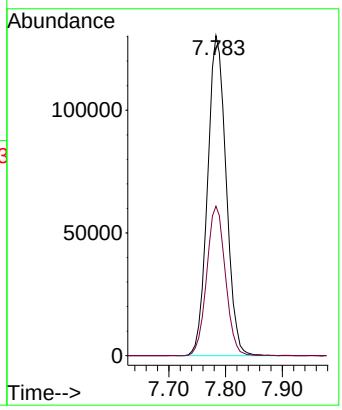


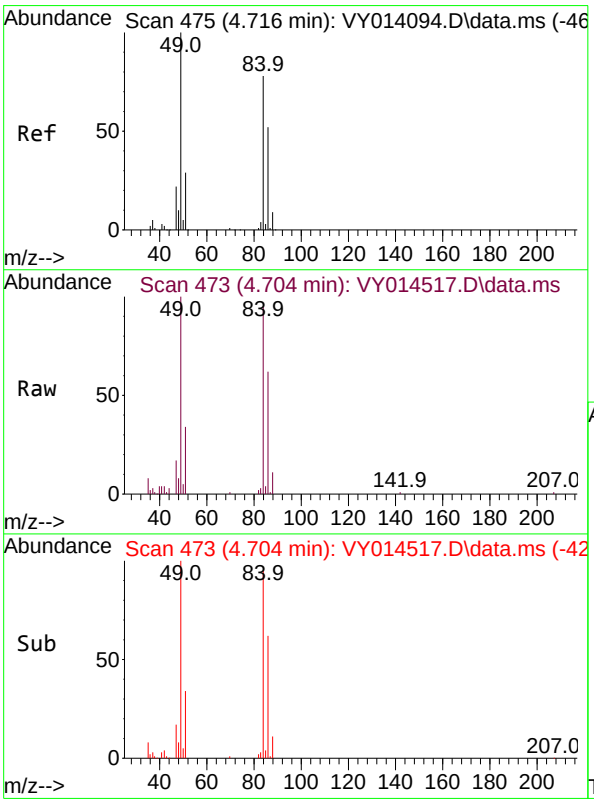
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 296603

Ion	Ratio	Lower	Upper
168	100		
99	46.7	43.4	65.0

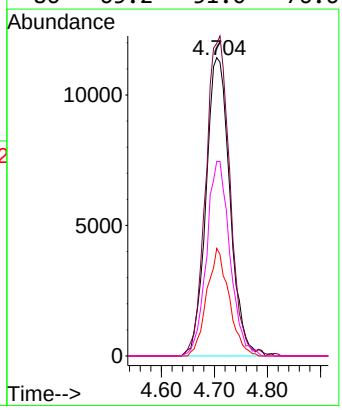


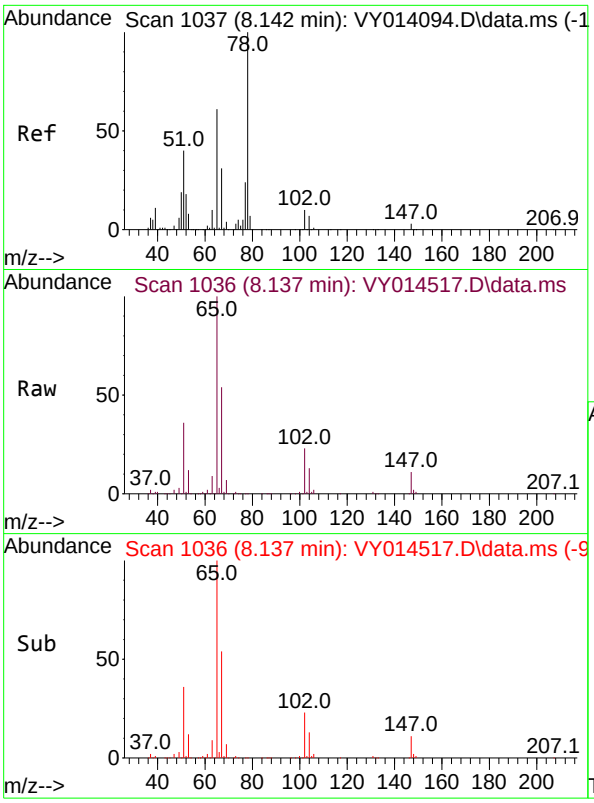


#20
Methylene Chloride
Concen: 6.263 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Tgt Ion: 84 Resp: 35906

Ion	Ratio	Lower	Upper
84	100		
49	104.9	106.9	160.3#
51	36.0	33.2	49.8
86	65.2	51.0	76.6



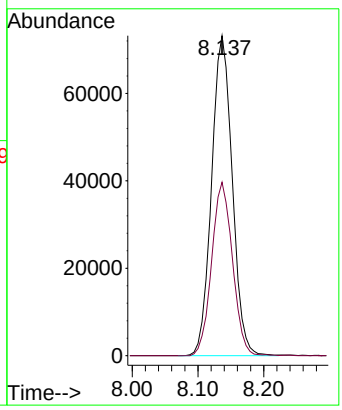


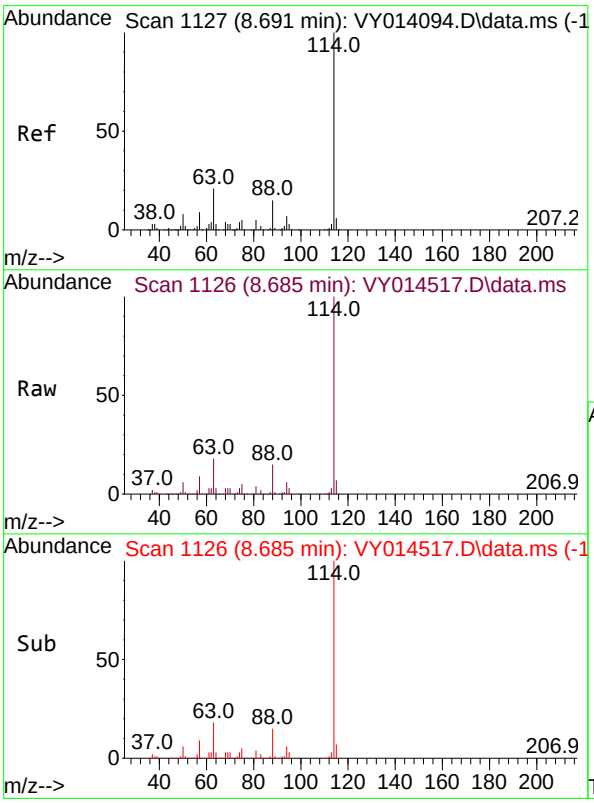
#33
1,2-Dichloroethane-d4
Concen: 54.309 ug/l
RT: 8.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 160241

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	101.8

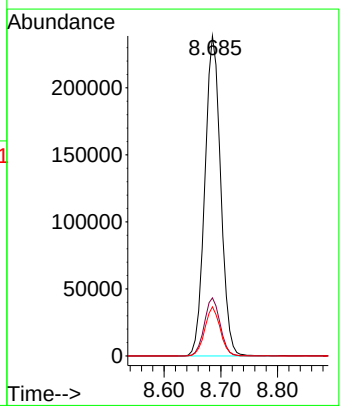


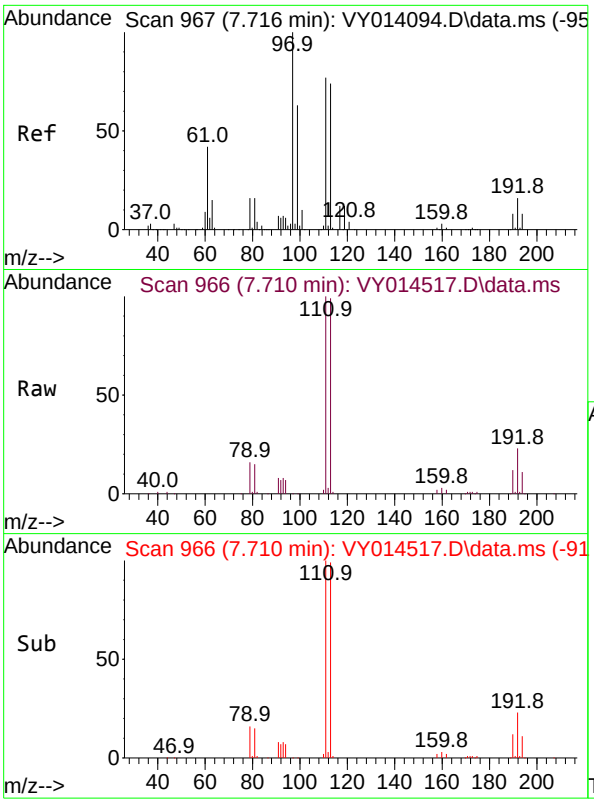


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Tgt Ion:114 Resp: 462236

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	42.4
88	15.4	0.0	30.6



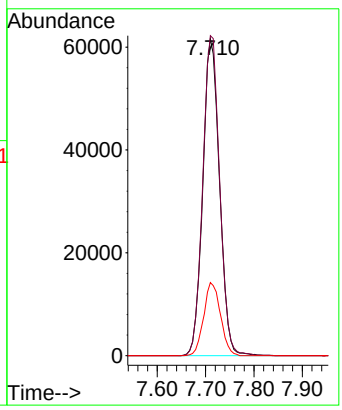


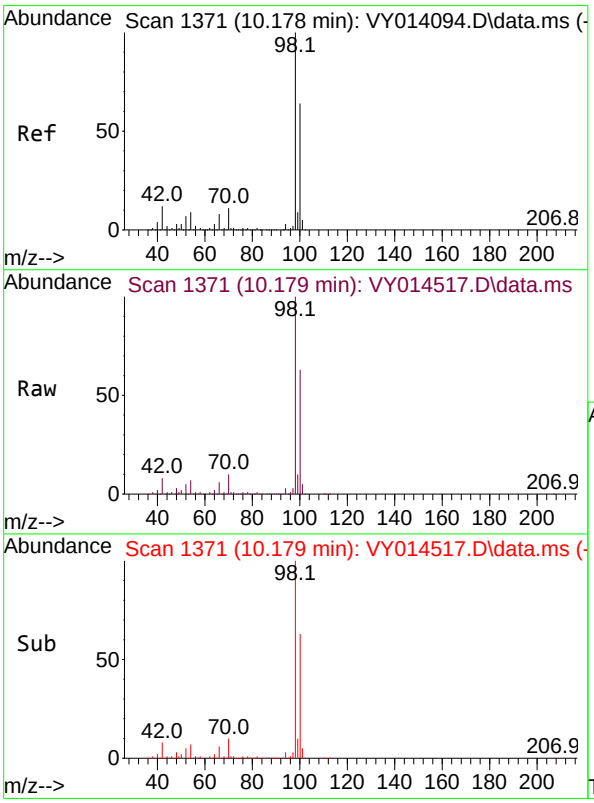
#35
Dibromofluoromethane
Concen: 52.077 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 148237

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	23.2	16.9	25.3

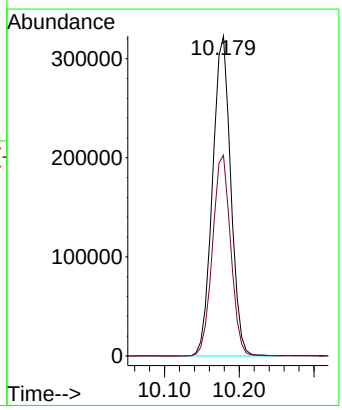


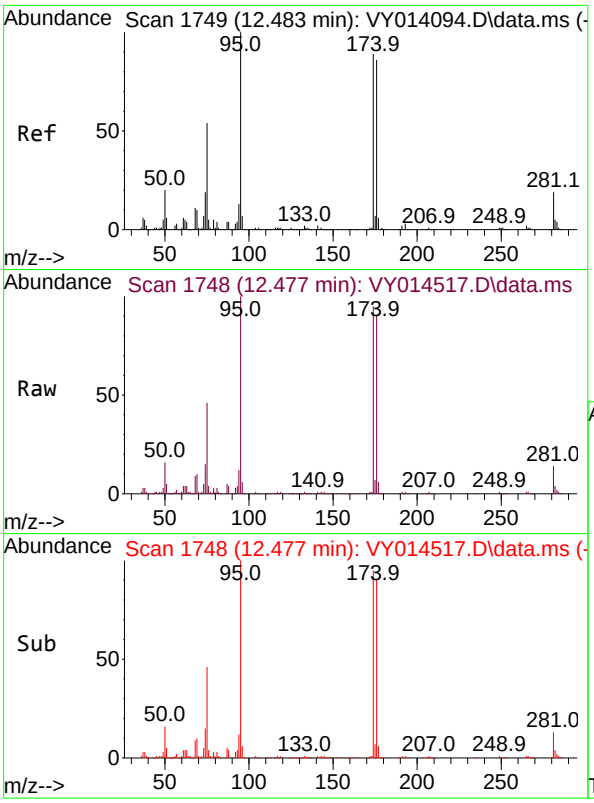


#50
Toluene-d8
Concen: 48.472 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Tgt Ion: 98 Resp: 545433

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.1	75.1



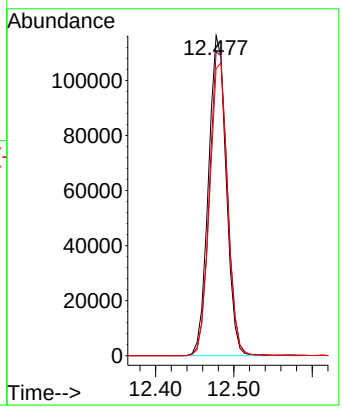


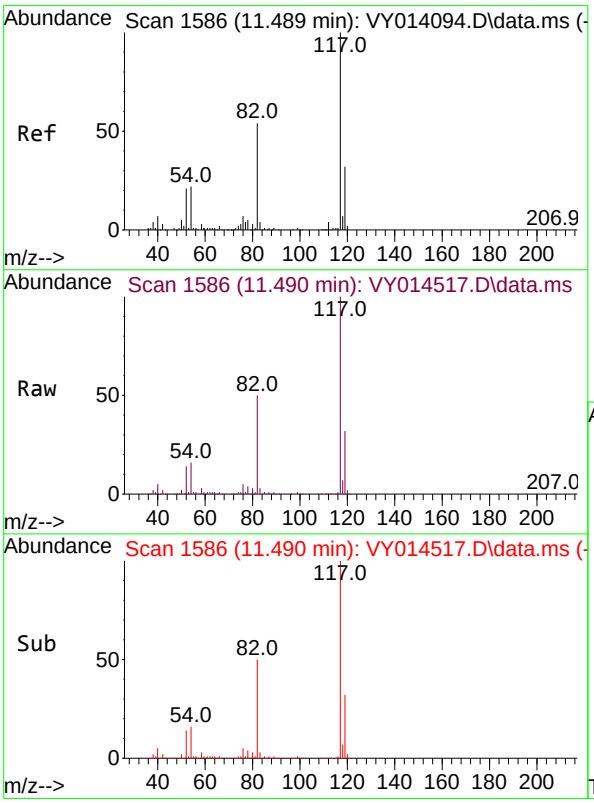
#62
4-Bromofluorobenzene
Concen: 46.813 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 182914

Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	178.2
176	92.7	0.0	173.8

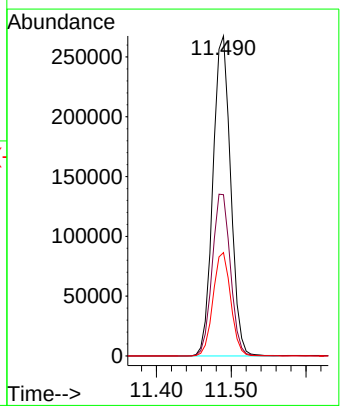


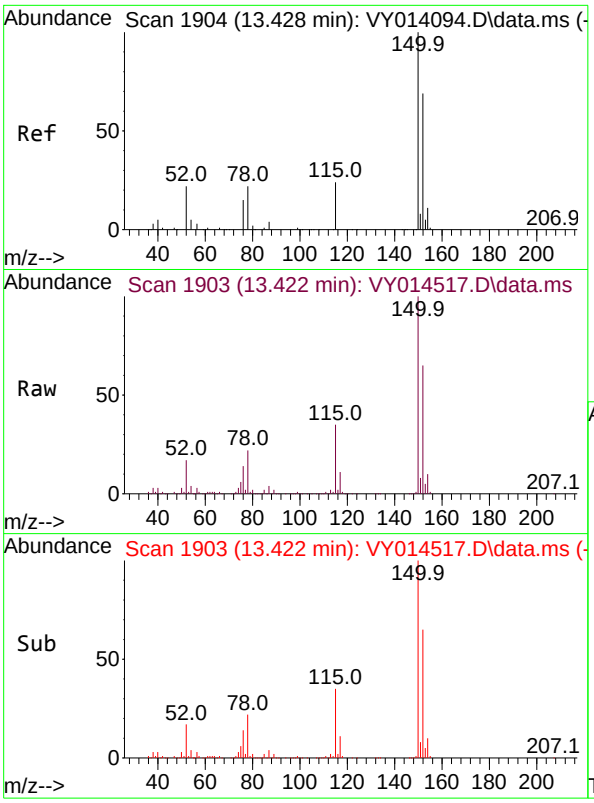


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Tgt Ion:117 Resp: 440548

Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.4	65.0
119	32.3	26.3	39.5



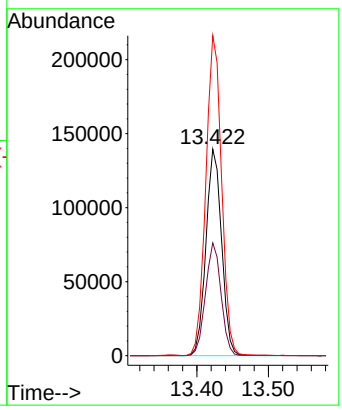


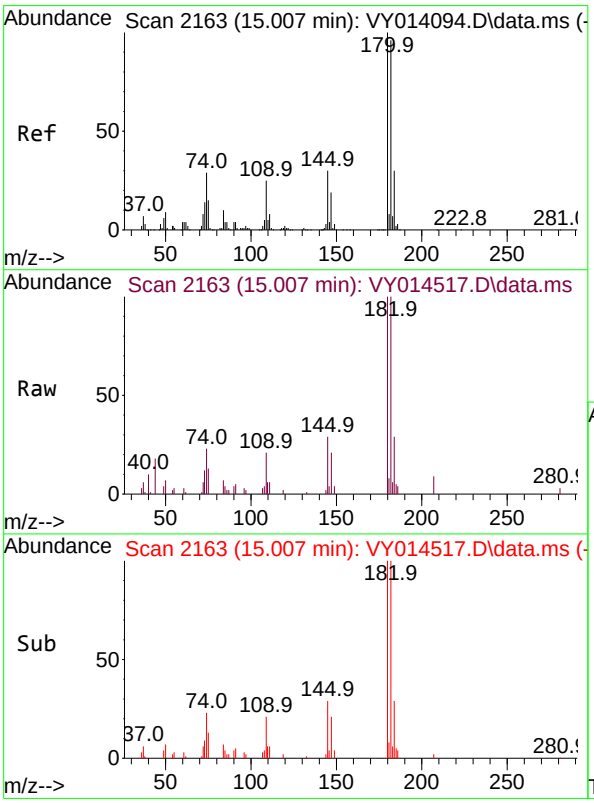
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 211778

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.8	86.5
150	156.3	0.0	348.8

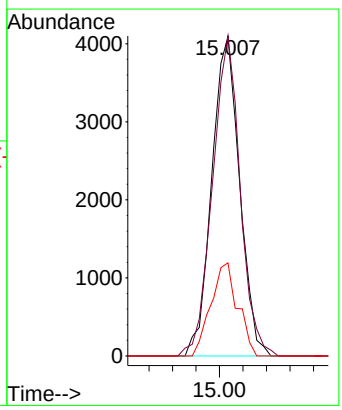


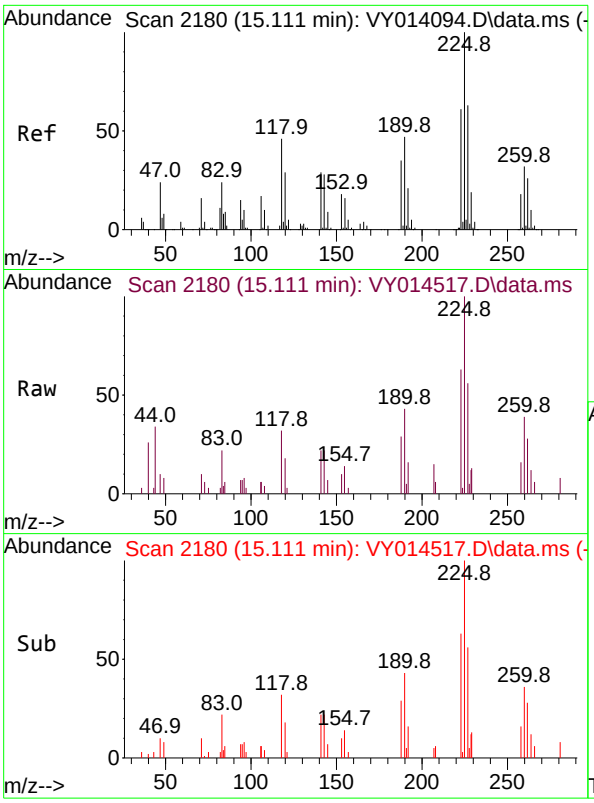


#93
1,2,4-Trichlorobenzene
Concen: 1.551 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Tgt Ion:180 Resp: 6720

Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.0	141.2
145	28.1	14.5	43.5



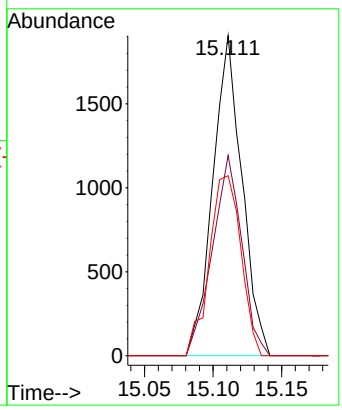


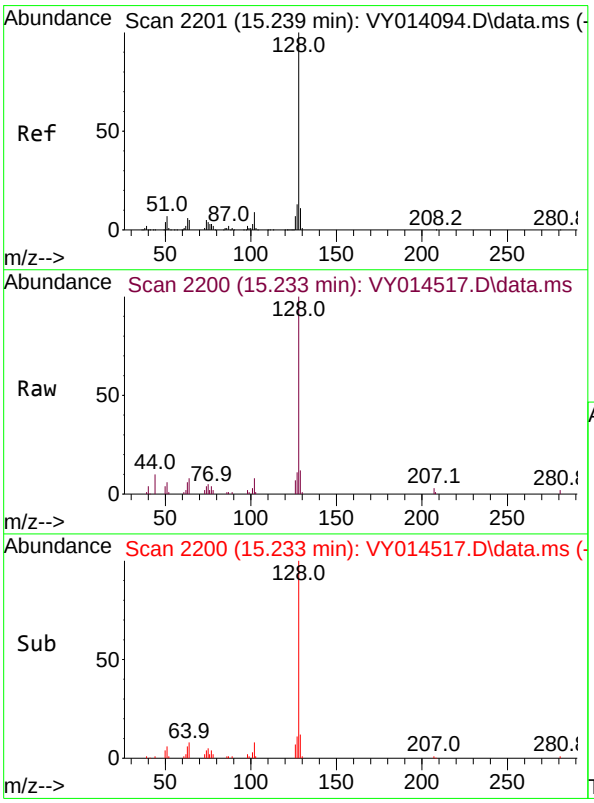
#94
Hexachlorobutadiene
Concen: 1.058 ug/l
RT: 15.111 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:225 Resp: 2817

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.9
227	61.0	33.0	98.9

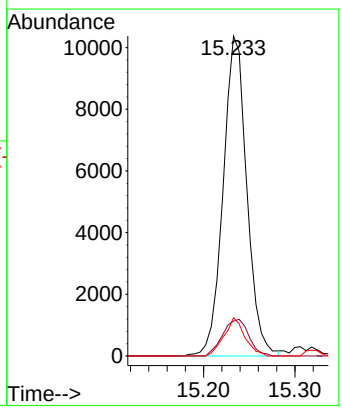


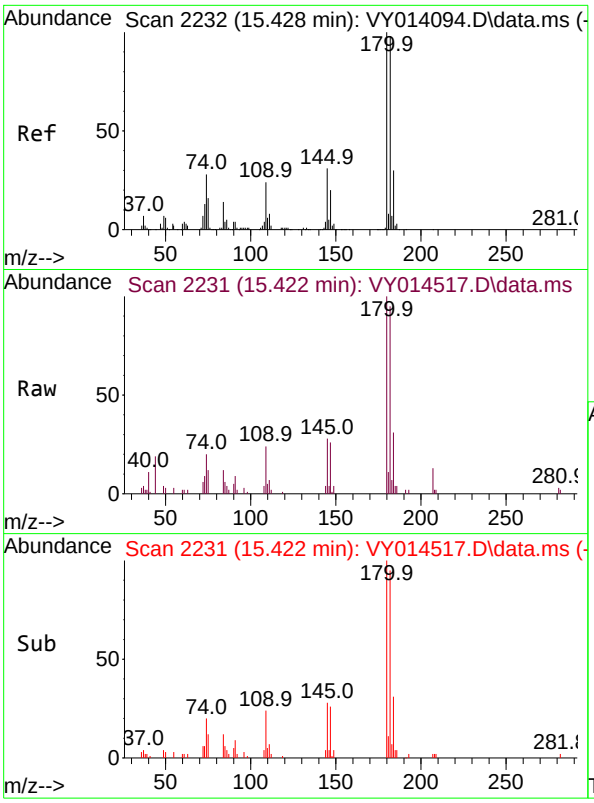


#95
Naphthalene
Concen: 2.025 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Tgt Ion:128 Resp: 18674

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	10.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.807 ug/l
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY014517.D
Acq: 30 Jun 2023 15:14

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:180 Resp: 7135

Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.3	141.8
145	27.8	15.4	46.2