Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
Data File : VY013824.D
Acq On : 19 May 2023 16:28
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: May 22 04:21:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	174442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119594	59.017	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.040%			
35) Dibromofluoromethane	7.716	113	100375	52.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.720%			
50) Toluene-d8	10.179	98	366385	50.409	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.477	95	116625	48.308	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.620%			
Target Compounds						Qvalue
16) Acetone	3.948	43	1367	2.236	ug/l #	68
20) Methylene Chloride	4.716	84	23484	7.528	ug/l	90
44) Trichloroethene	8.947	130	3640	1.809	ug/l	86

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

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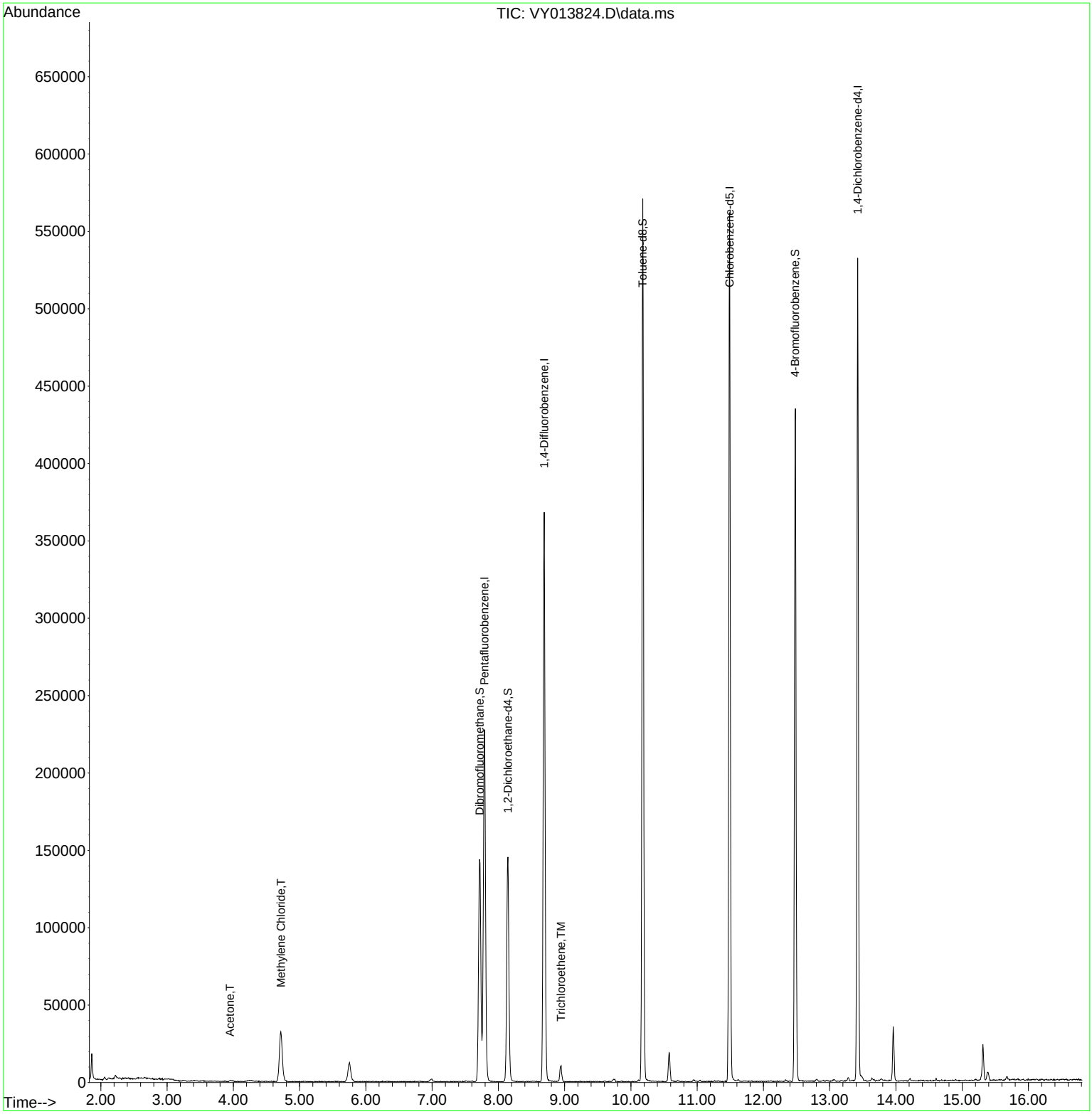
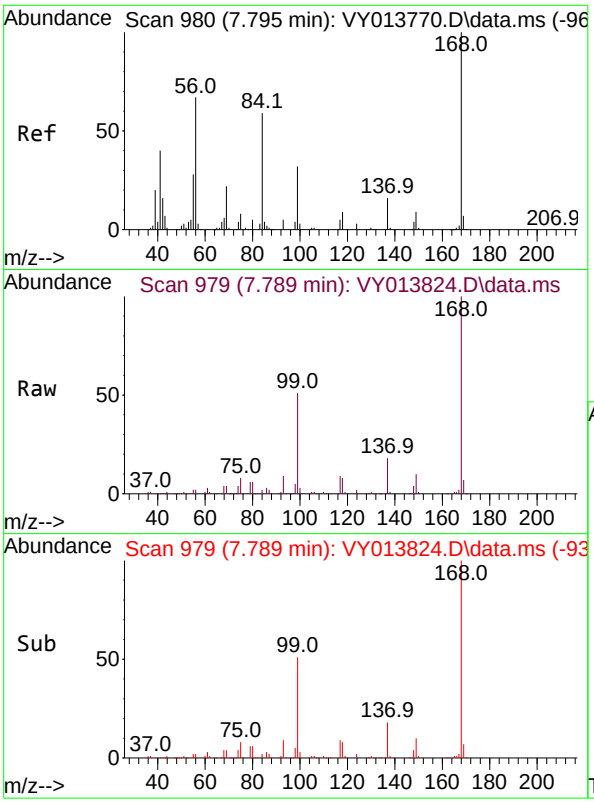


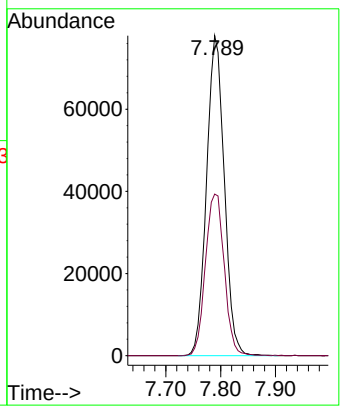


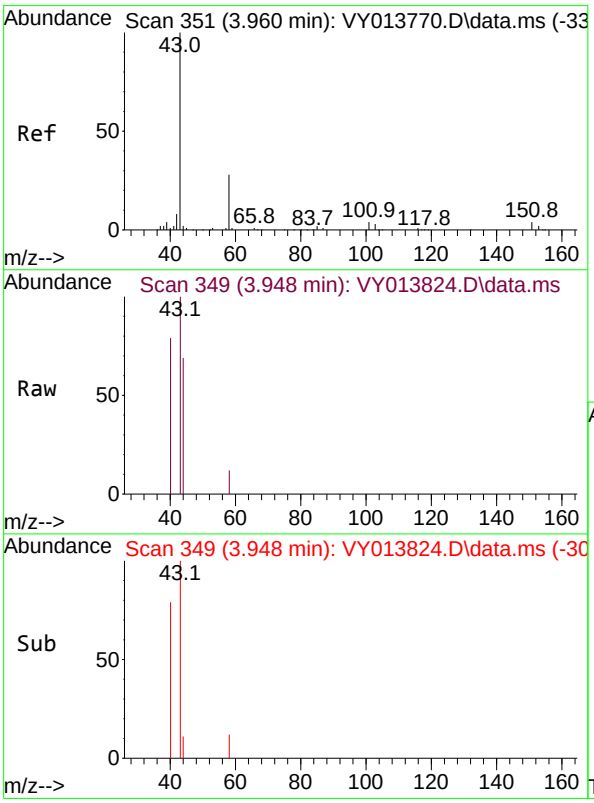
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 174442

Ion	Ratio	Lower	Upper
168	100		
99	50.5	44.0	66.0

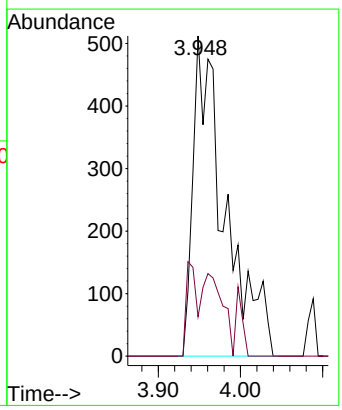


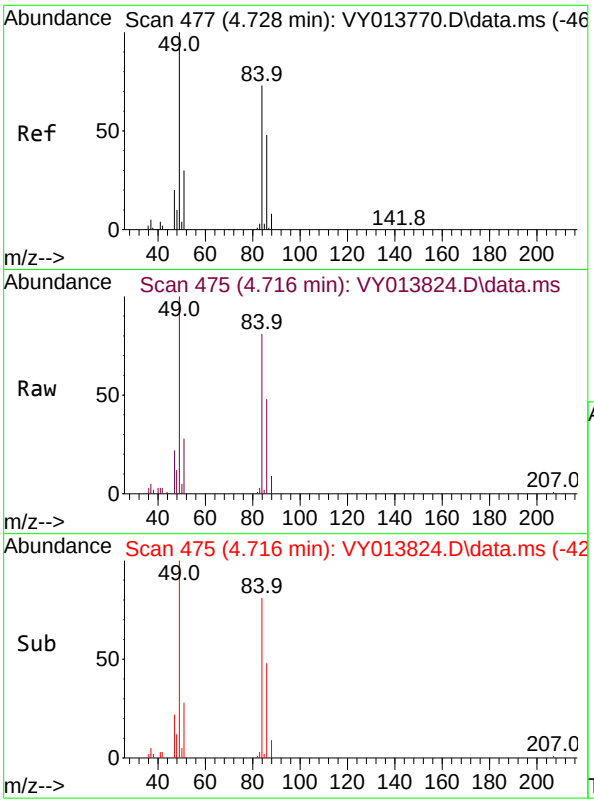


#16
Acetone
Concen: 2.236 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion: 43 Resp: 1367

Ion	Ratio	Lower	Upper
43	100		
58	12.3	23.7	35.5#



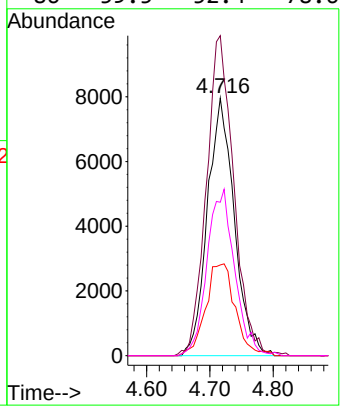


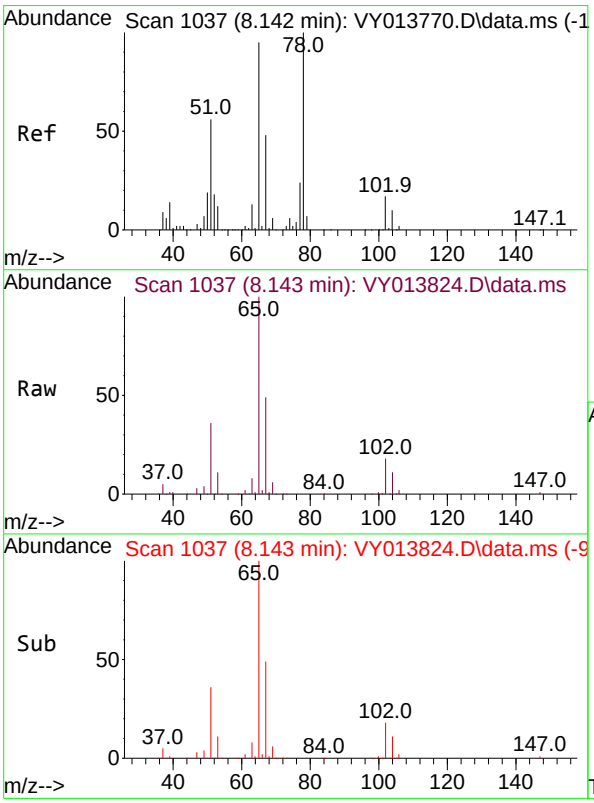
#20
Methylene Chloride
Concen: 7.528 ug/l
RT: 4.716 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 23484

Ion	Ratio	Lower	Upper
84	100		
49	123.5	109.4	164.0
51	35.2	32.8	49.2
86	59.5	52.4	78.6

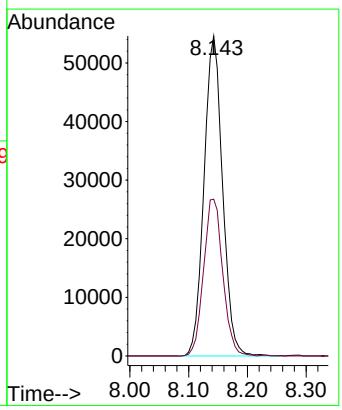


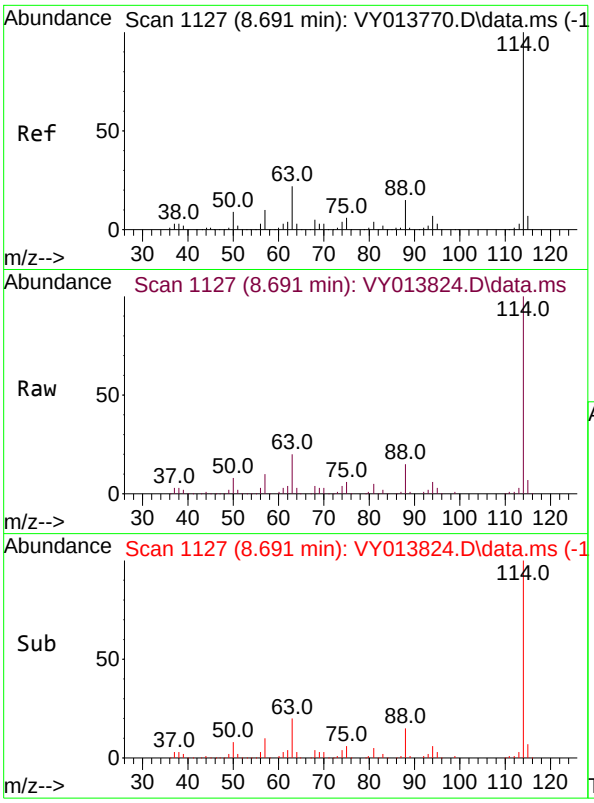


#33
1,2-Dichloroethane-d4
Concen: 59.017 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion: 65 Resp: 119594

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	105.6



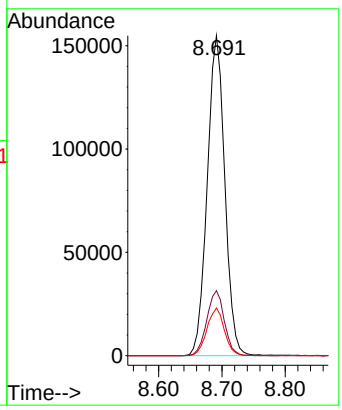


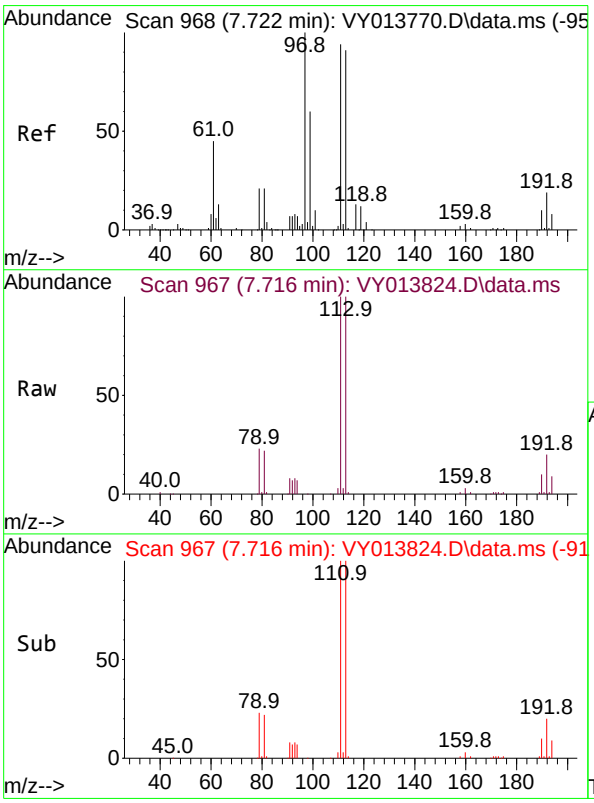
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 298969

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.8
88	14.9	0.0	30.8

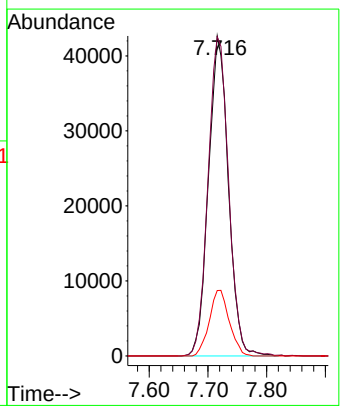


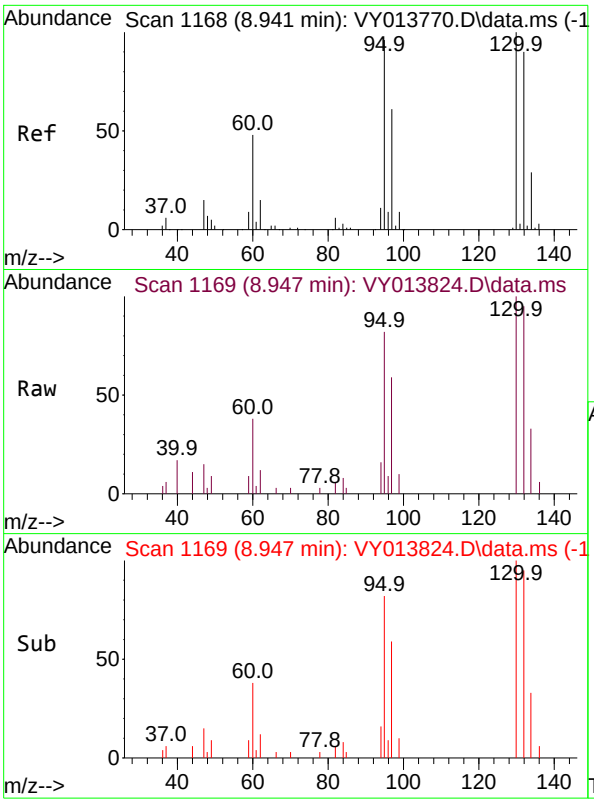


#35
Dibromofluoromethane
Concen: 52.356 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion:113 Resp: 100375

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.3	123.5
192	20.6	16.0	24.0



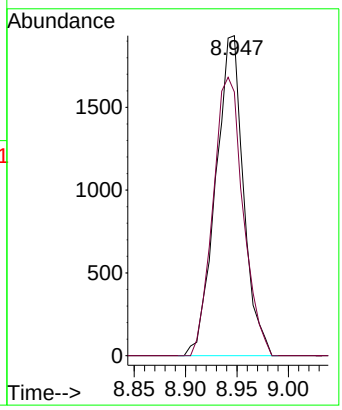


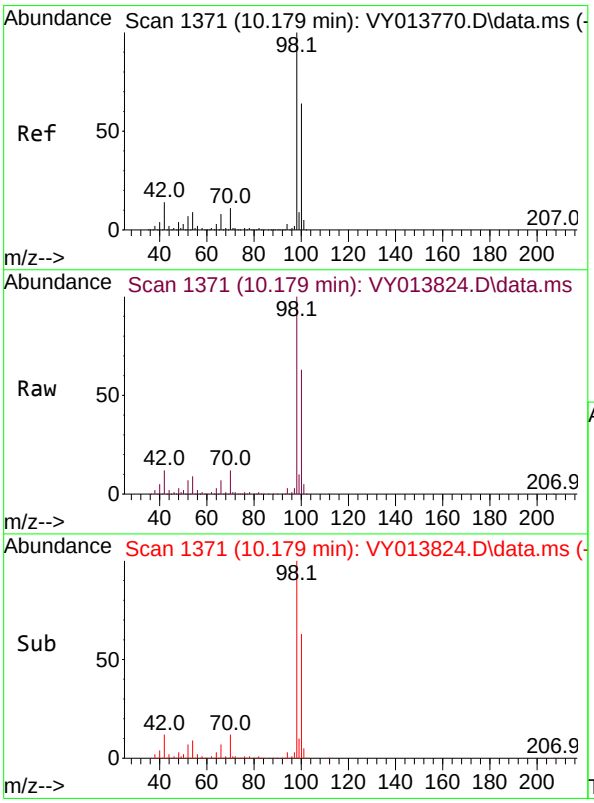
#44
Trichloroethene
Concen: 1.809 ug/l
RT: 8.947 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:130 Resp: 3640

Ion	Ratio	Lower	Upper
130	100		
95	82.4	0.0	193.0

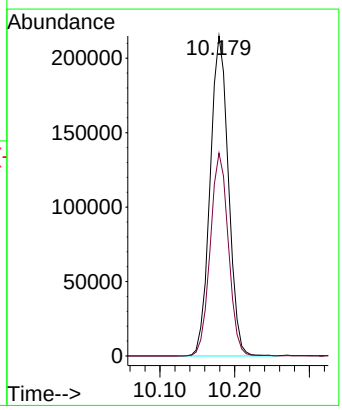


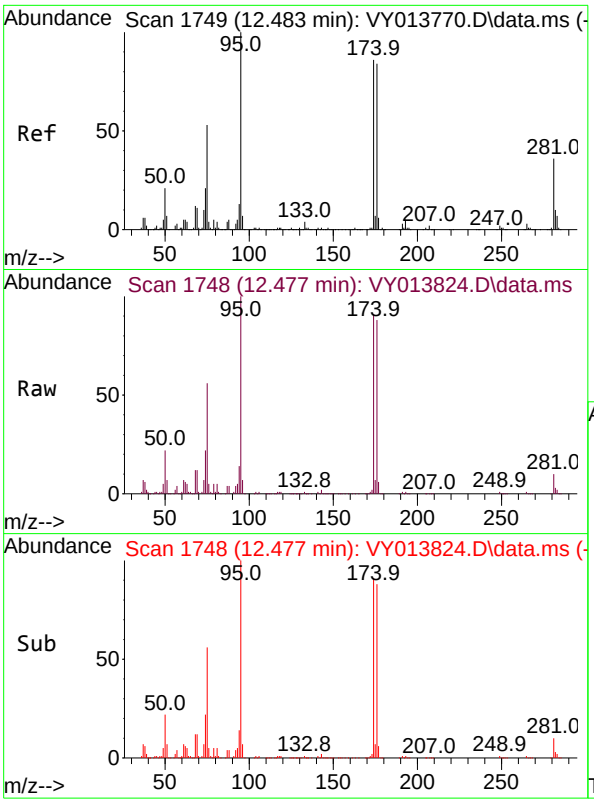


#50
Toluene-d8
Concen: 50.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion: 98 Resp: 366385

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.0	76.6



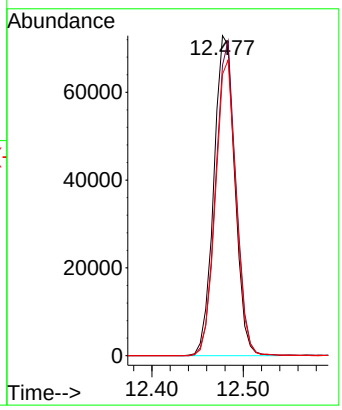


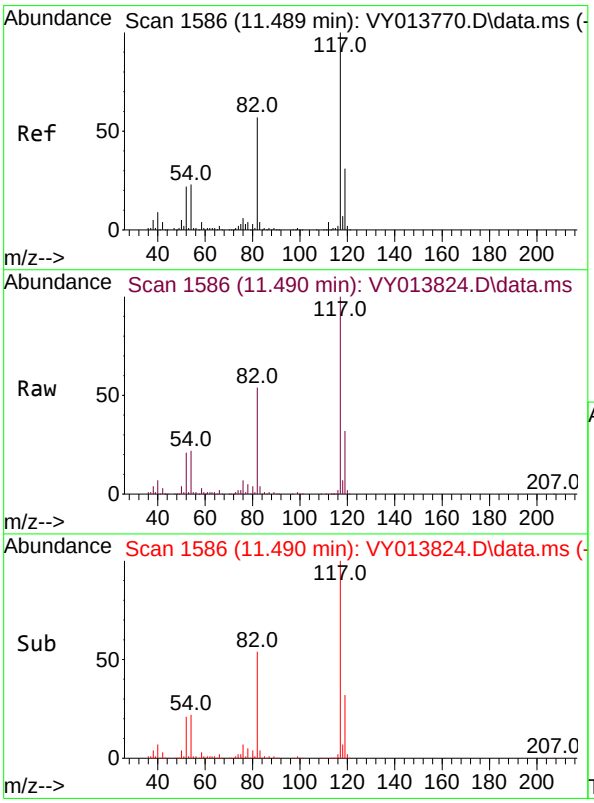
#62
4-Bromofluorobenzene
Concen: 48.308 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 116625

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	168.8
176	90.7	0.0	165.2

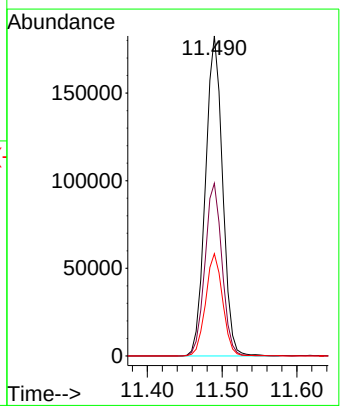


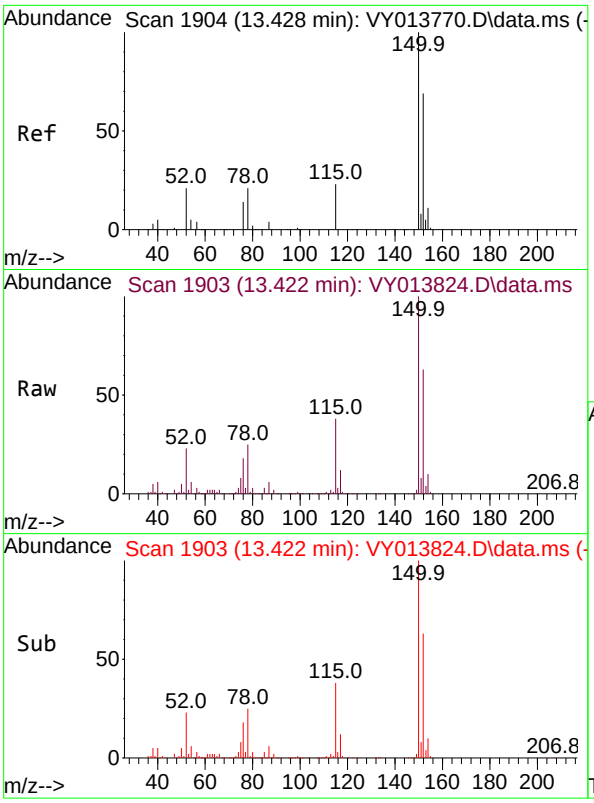


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Tgt Ion:117 Resp: 290299

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.5	68.3
119	32.0	24.8	37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013824.D
Acq: 19 May 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 133689

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.5	85.5
150	156.0	0.0	347.0