Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
Data File : VX034832.D
Acq On : 29 Mar 2023 16:45
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Quant Time: Mar 30 06:31:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 30 05:38:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	259205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181593	45.809	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.620%			
35) Dibromofluoromethane	5.385	113	138309	47.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.020%			
50) Toluene-d8	8.647	98	529096	49.239	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.079	95	186210	44.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.560%			
Target Compounds						Qvalue
21) trans-1,2-Dichloroethene	3.093	96	864	0.298	ug/l #	78
87) 1,3-Dichlorobenzene	11.975	146	1127	0.203	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1802	0.324	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	3208	1.021	ug/l	99
94) Hexachlorobutadiene	13.719	225	440	0.318	ug/l	71

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

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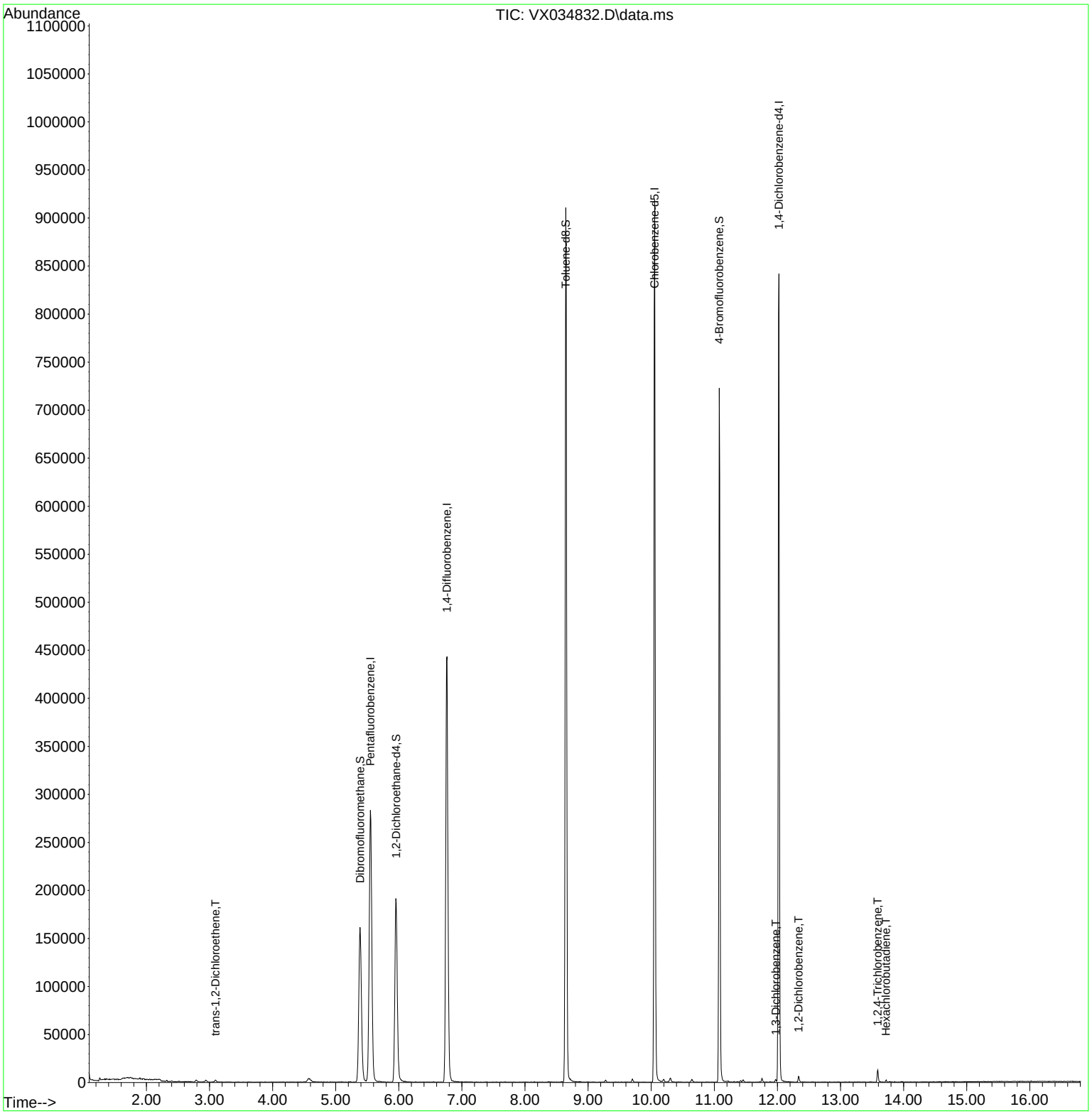
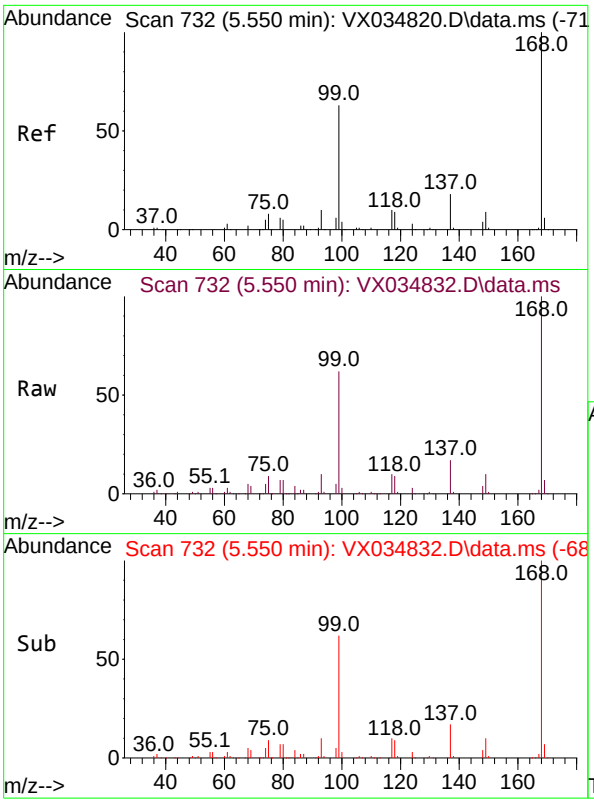


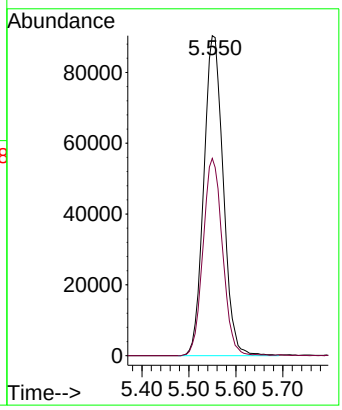


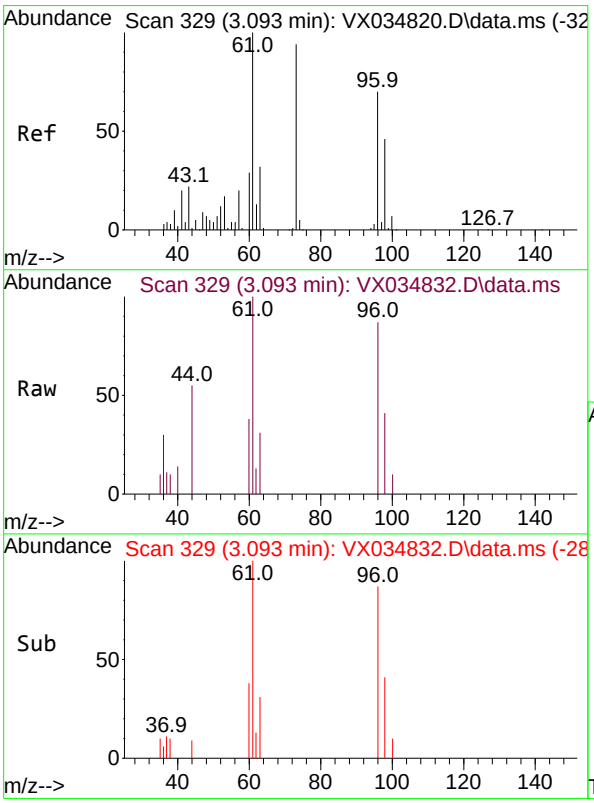
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 259205

Ion	Ratio	Lower	Upper
168	100		
99	61.6	45.7	68.5

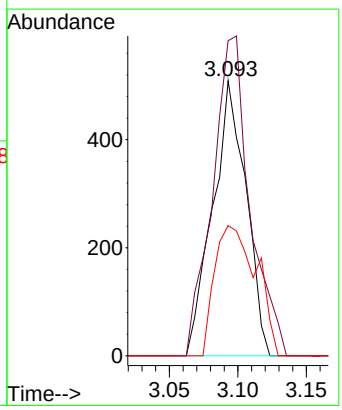


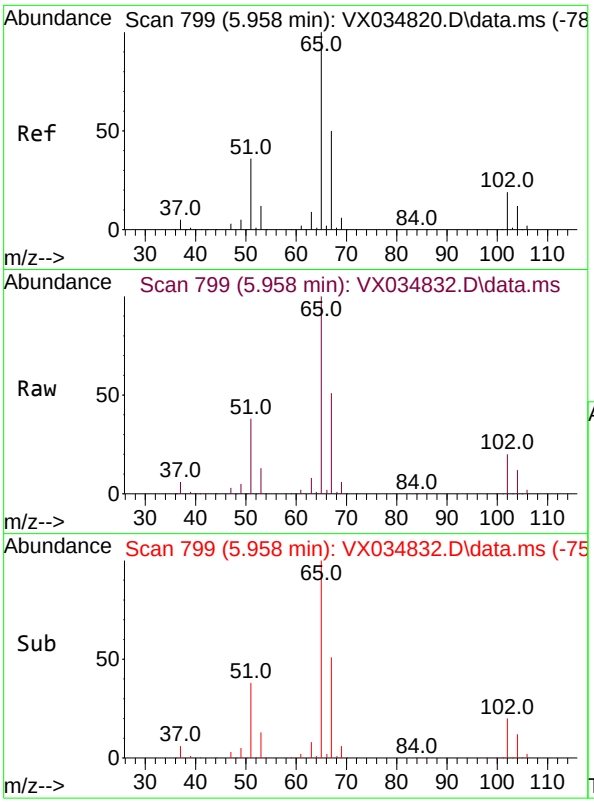


#21
trans-1,2-Dichloroethene
Concen: 0.298 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Tgt Ion: 96 Resp: 864

Ion	Ratio	Lower	Upper
96	100		
61	114.5	113.0	169.6
98	47.3	52.1	78.1#



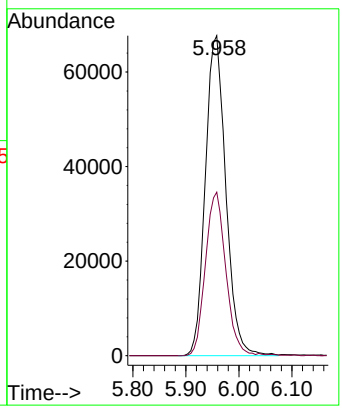


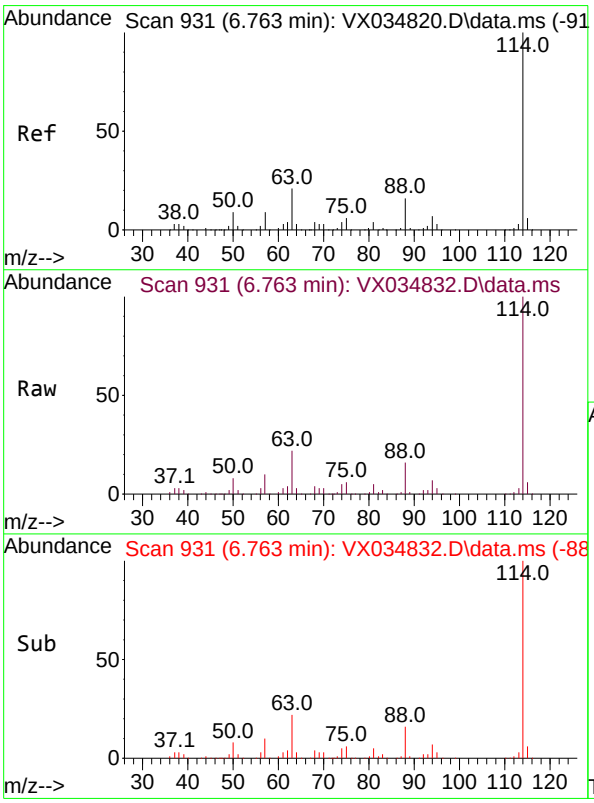
#33
1,2-Dichloroethane-d4
Concen: 45.809 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 181593

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0

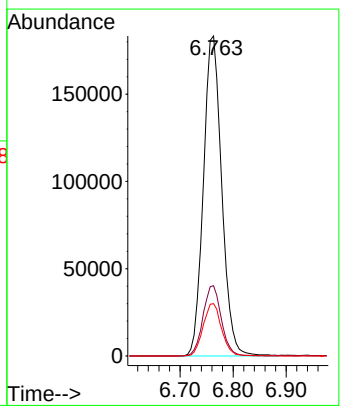


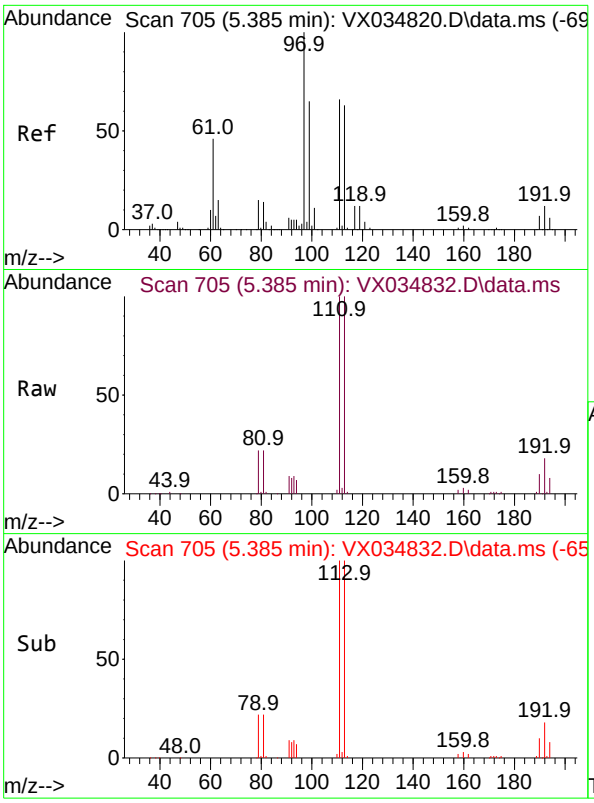


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Tgt Ion:114 Resp: 440148

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.2
88	16.3	0.0	33.2



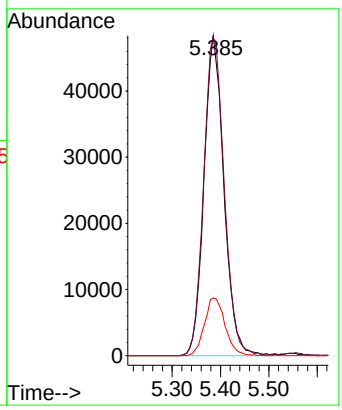


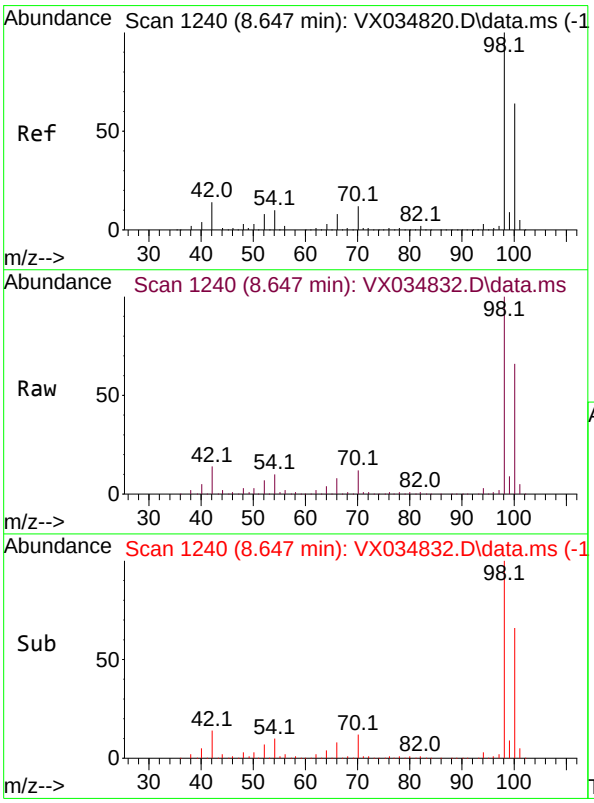
#35
Dibromofluoromethane
Concen: 47.509 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 138309

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.7	125.5
192	18.7	15.4	23.2

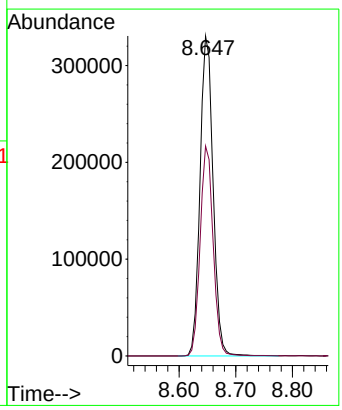


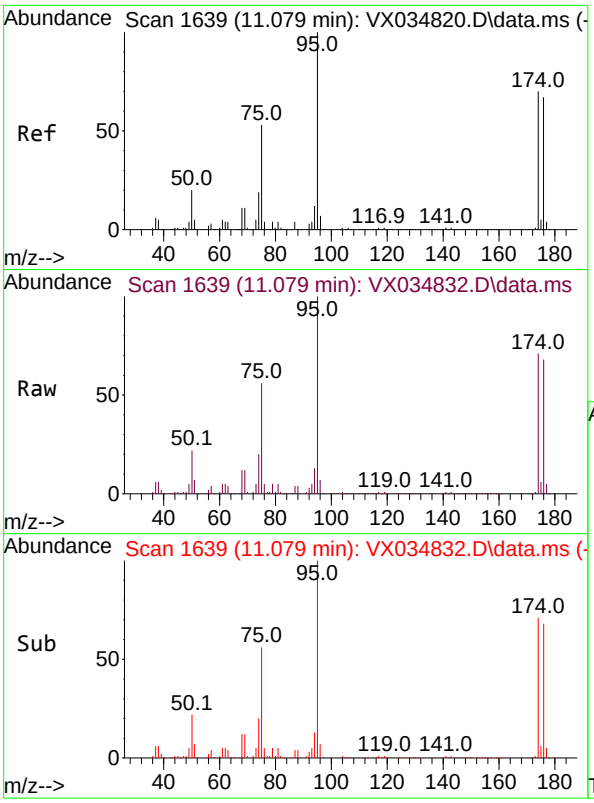


#50
Toluene-d8
Concen: 49.239 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Tgt Ion: 98 Resp: 529096

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7



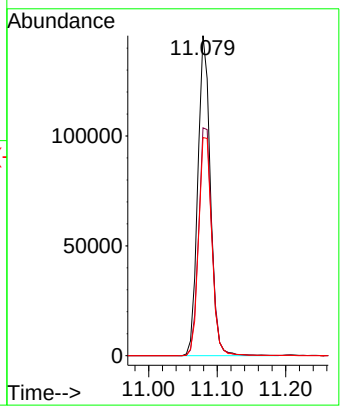


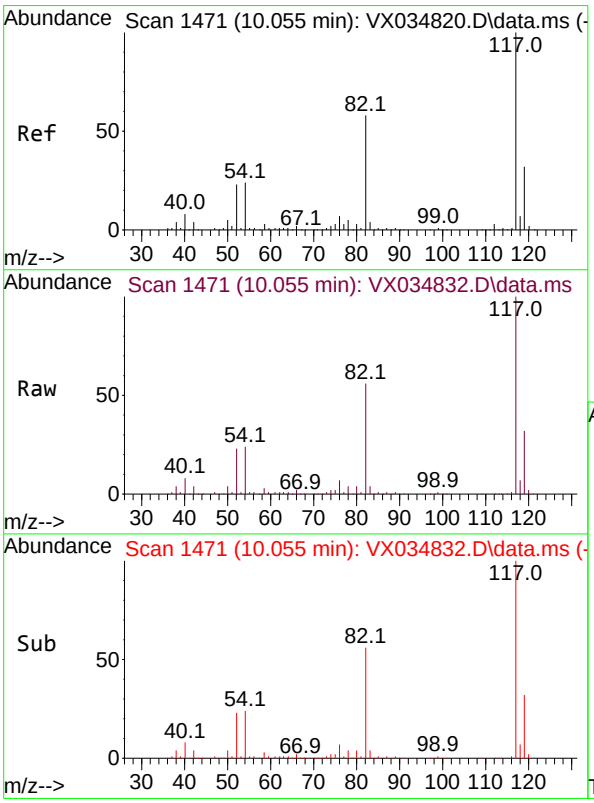
#62
4-Bromofluorobenzene
Concen: 44.781 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 186210

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	147.4
176	71.9	0.0	140.6

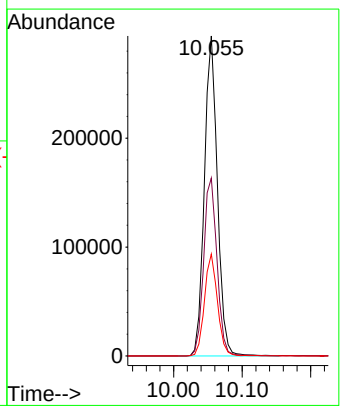


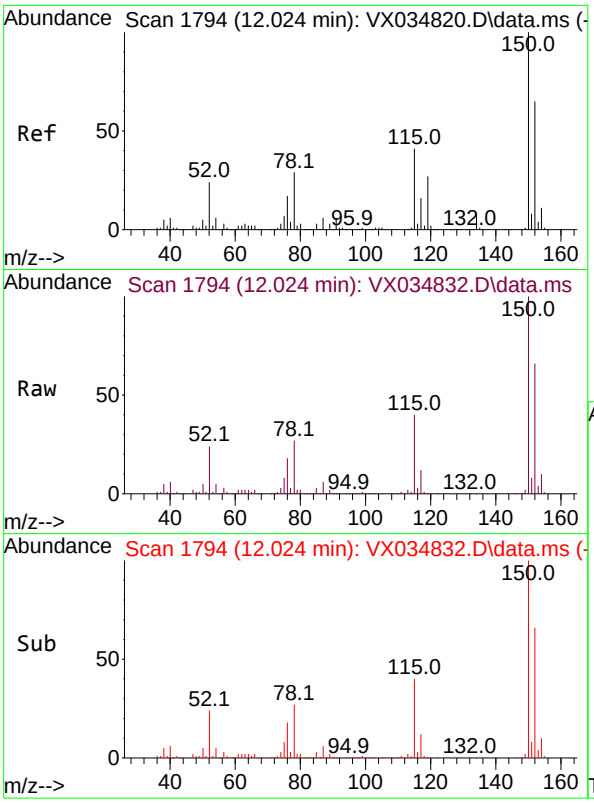


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Tgt Ion:117 Resp: 388486

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.0	67.4
119	31.9	26.0	39.0



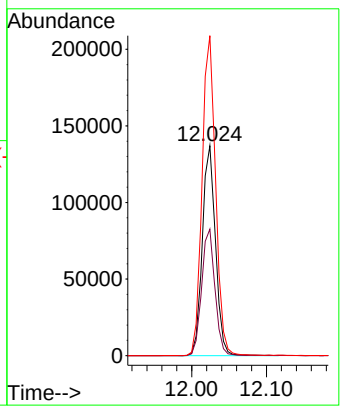


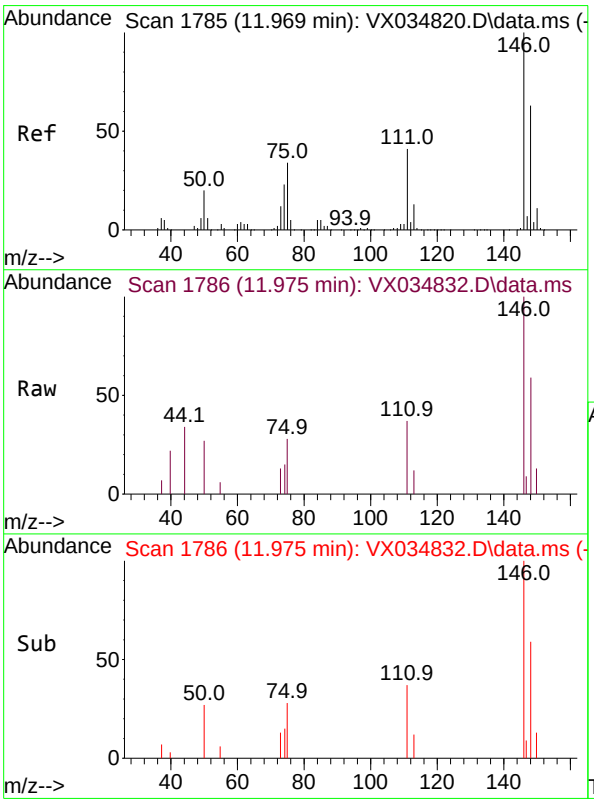
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 167891

Ion	Ratio	Lower	Upper
152	100		
115	60.9	45.0	135.0
150	156.3	0.0	352.4

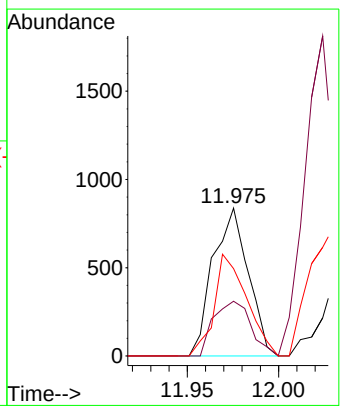


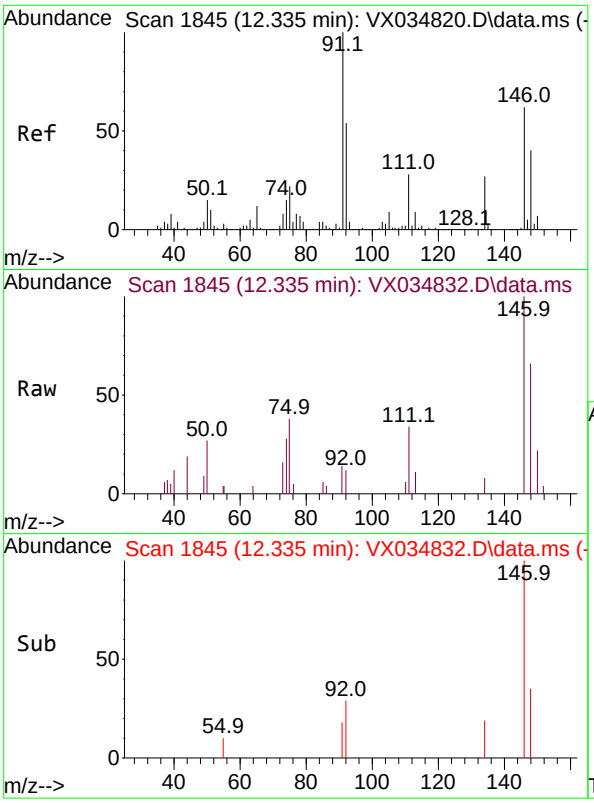


#87
1,3-Dichlorobenzene
Concen: 0.203 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Tgt Ion:146 Resp: 1127

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.9	62.8
148	63.4	31.6	95.0



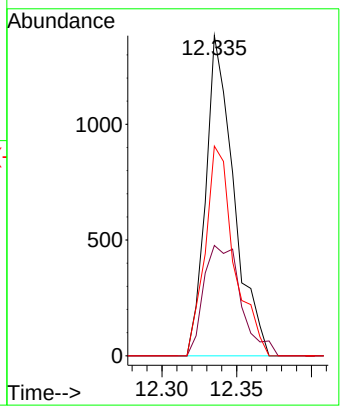


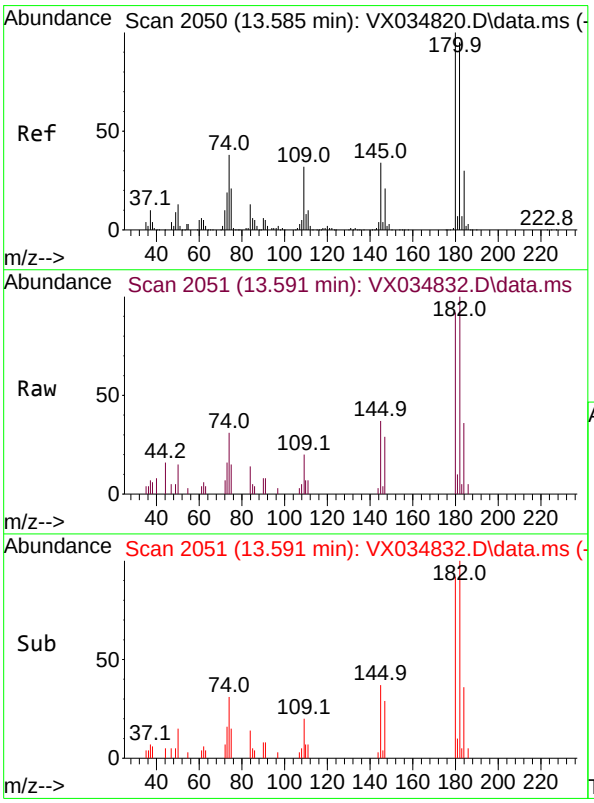
#91
1,2-Dichlorobenzene
Concen: 0.324 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 1802

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.0	66.0
148	67.9	32.0	96.0

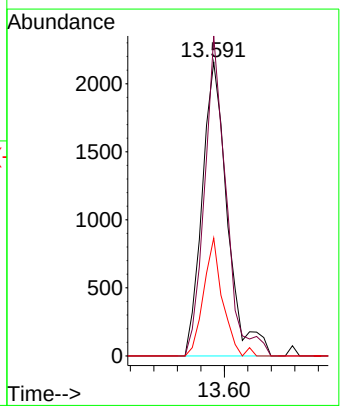


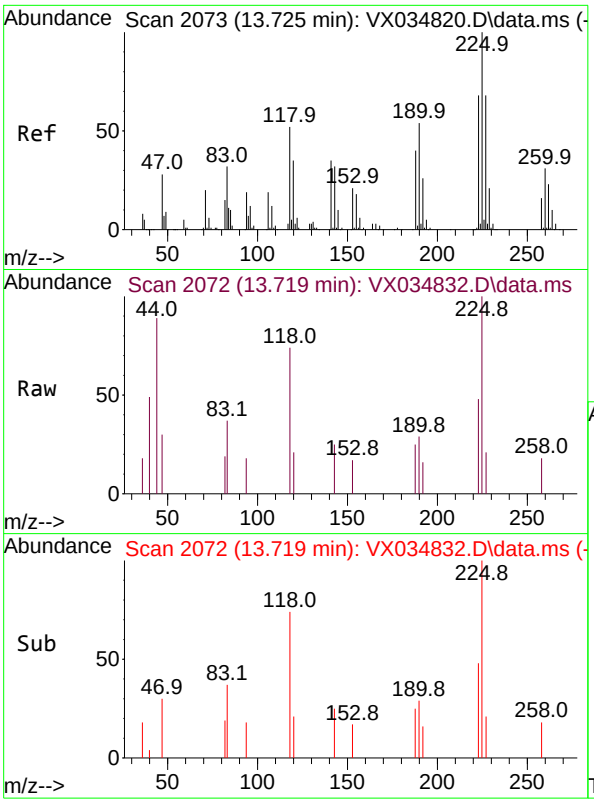


#93
1,2,4-Trichlorobenzene
Concen: 1.021 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Tgt Ion:180 Resp: 3208

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.0	141.0
145	30.3	15.9	47.7





#94
Hexachlorobutadiene
Concen: 0.318 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX034832.D
Acq: 29 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:225 Resp: 440

Ion	Ratio	Lower	Upper
225	100		
223	46.8	32.1	96.5
227	35.0	31.8	95.4