Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
Data File : VX037410.D
Acq On : 31 Aug 2023 06:39
Operator : JC/MD
Sample : 04128-14 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

Quant Time: Aug 31 07:41:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	145561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87467	41.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 83.360%			
35) Dibromofluoromethane	5.385	113	71882	45.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.640%			
50) Toluene-d8	8.647	98	277618	48.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.500%			
62) 4-Bromofluorobenzene	11.079	95	103053	45.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.160%			
Target Compounds						Qvalue
20) Methylene Chloride	2.782	84	1573	0.857	ug/l	92
44) Trichloroethene	7.135	130	450	0.246	ug/l	78

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

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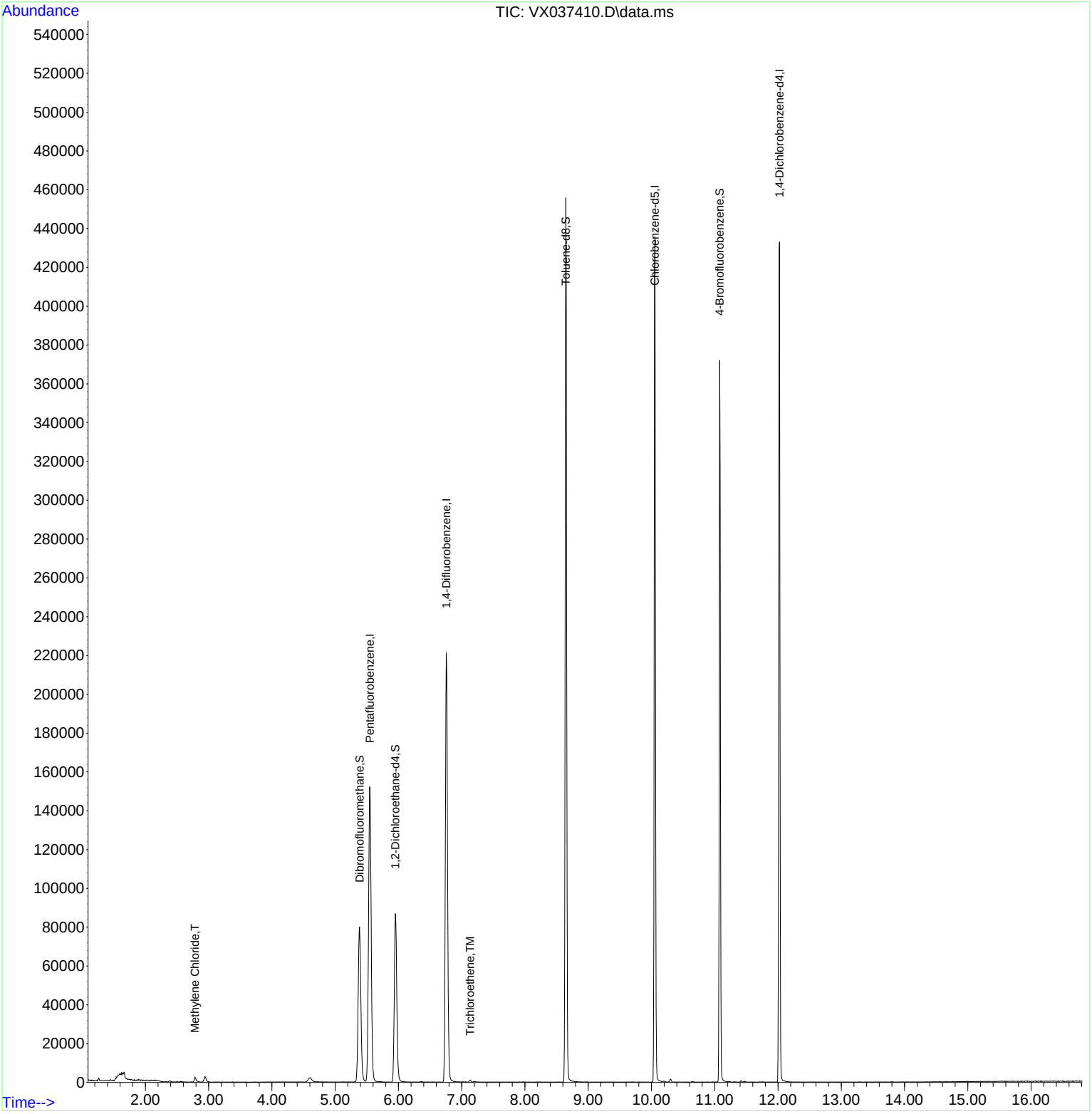
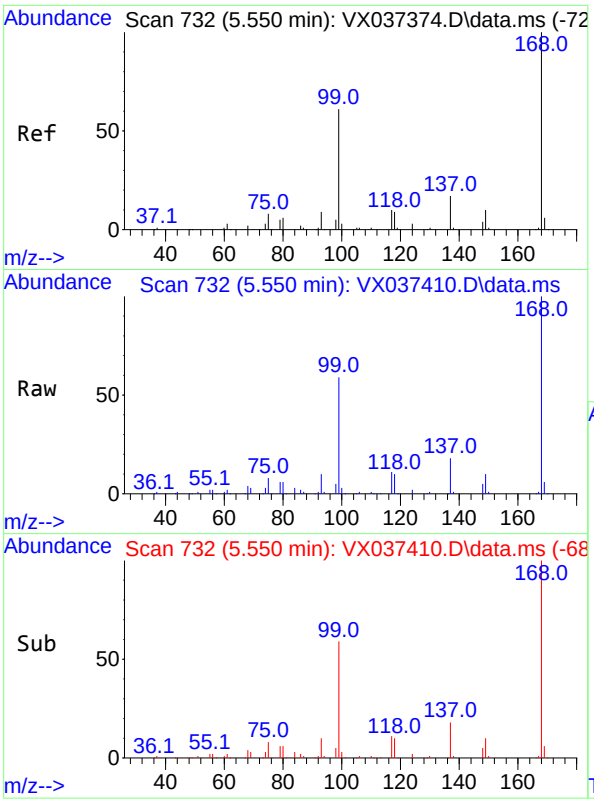


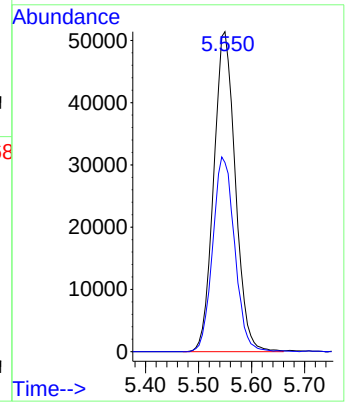


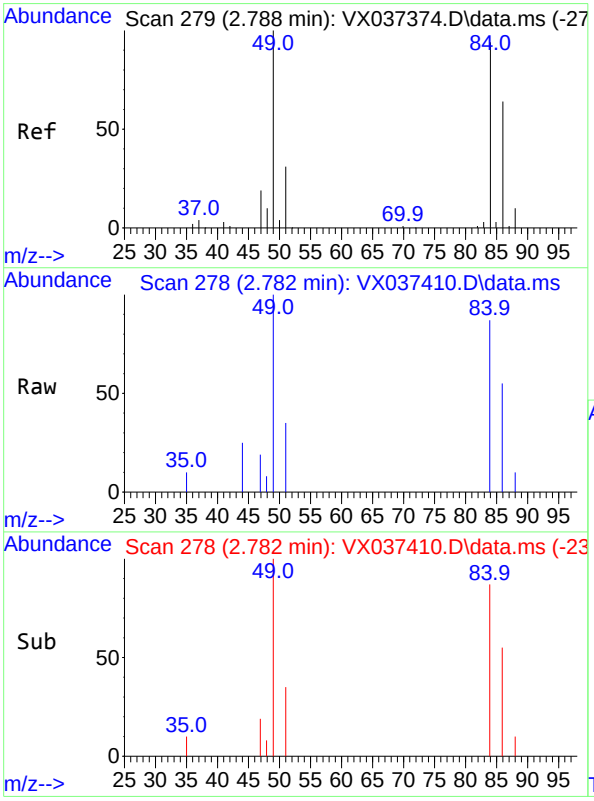
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

Tgt Ion:168 Resp: 145561

Ion	Ratio	Lower	Upper
168	100		
99	59.1	56.6	85.0

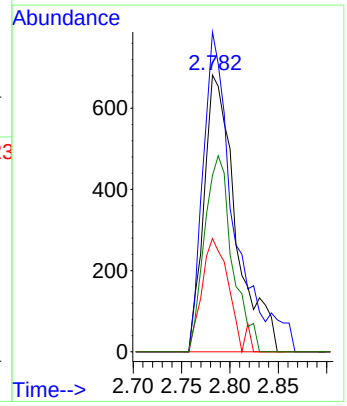


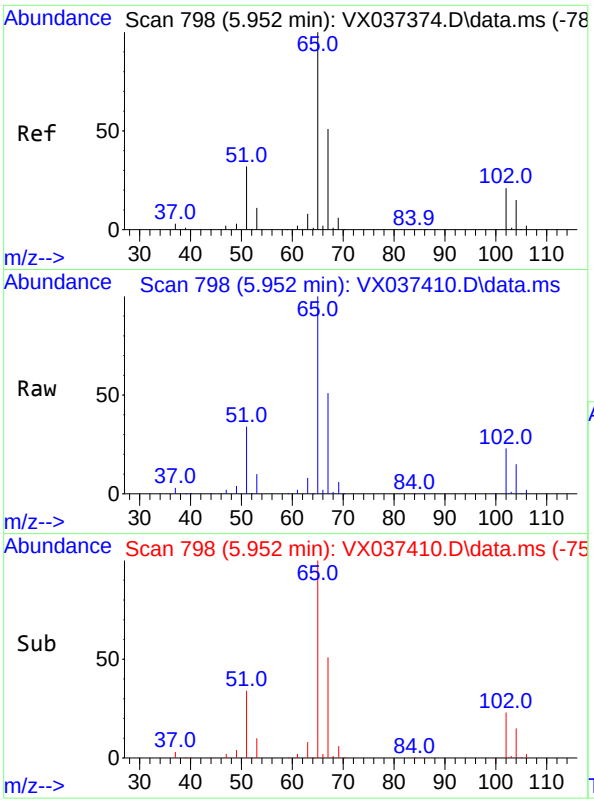


#20
Methylene Chloride
Concen: 0.857 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 84 Resp: 1573

Ion	Ratio	Lower	Upper
84	100		
49	115.5	103.6	155.4
51	40.9	33.8	50.6
86	63.8	49.4	74.0



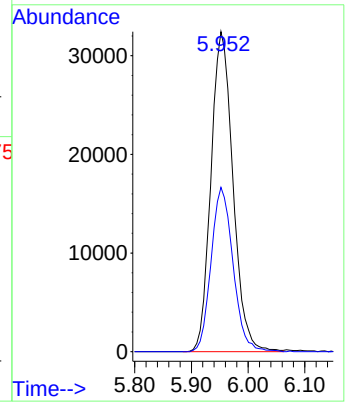


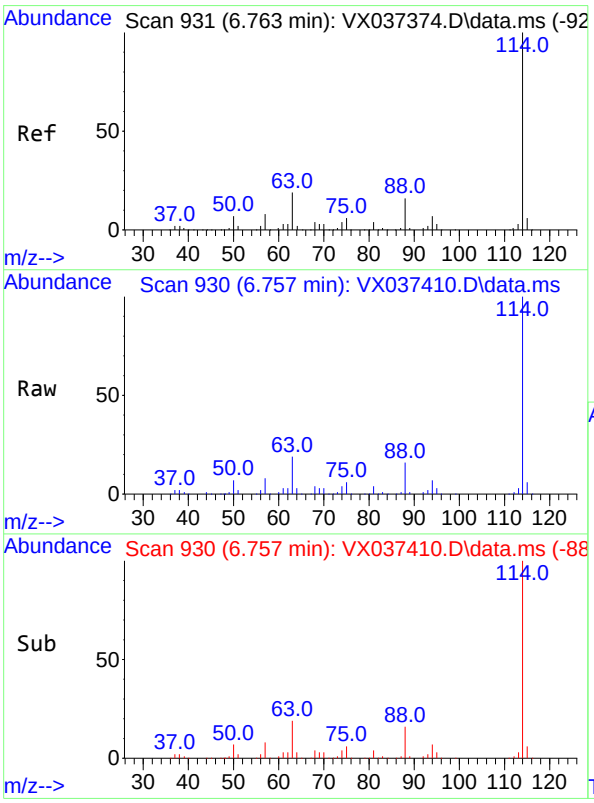
#33
1,2-Dichloroethane-d4
Concen: 41.680 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

Tgt Ion: 65 Resp: 87467

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.2

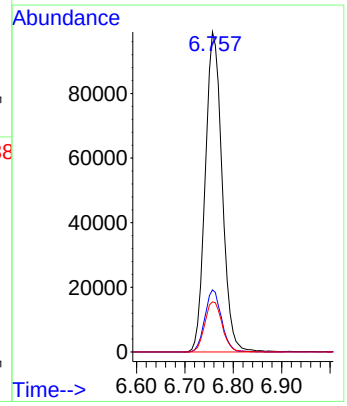


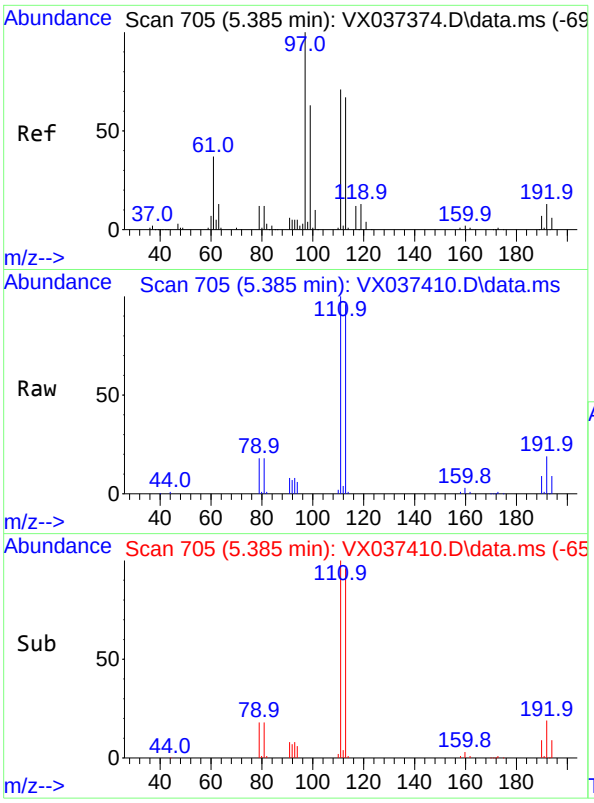


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion:114 Resp: 239491

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	45.0
88	15.6	0.0	36.6



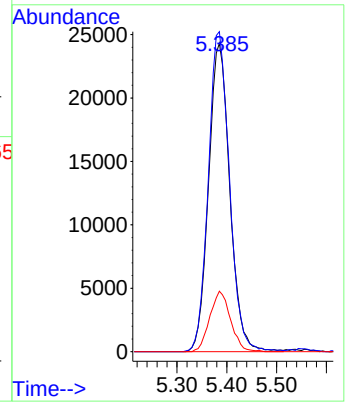


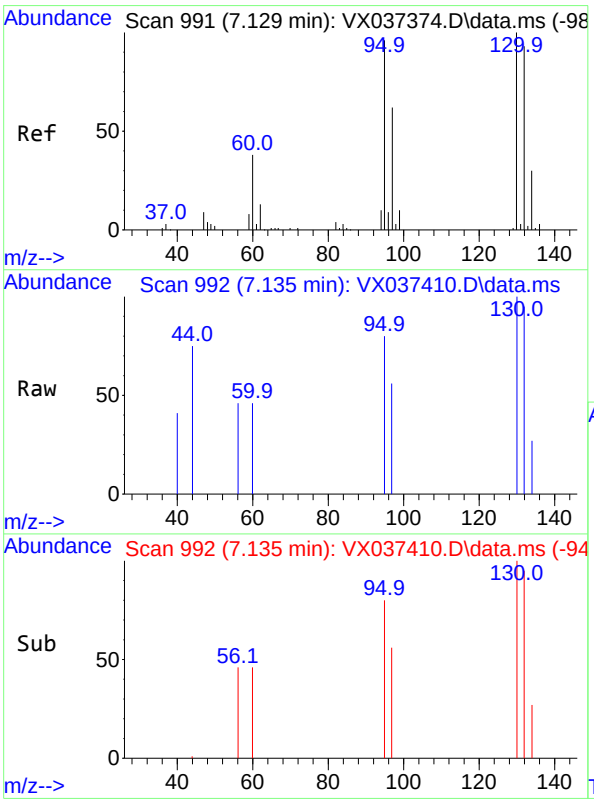
#35
Dibromofluoromethane
Concen: 45.320 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

Tgt Ion:113 Resp: 71882

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.2	13.3	19.9

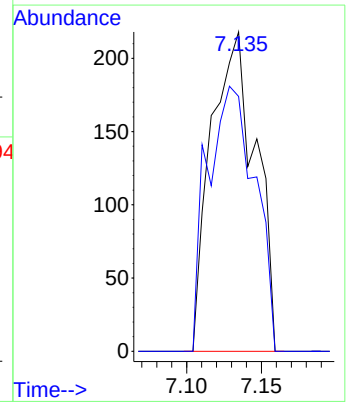


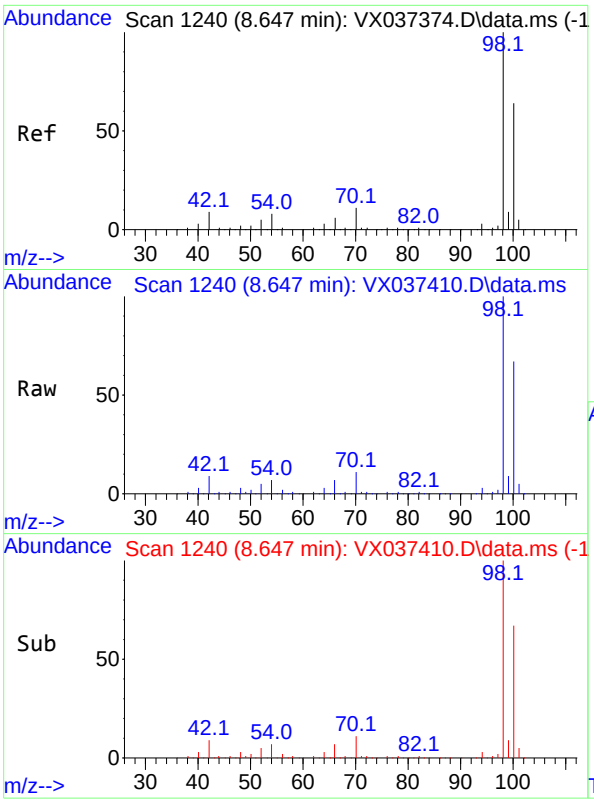


#44
Trichloroethene
Concen: 0.246 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion:130 Resp: 450

Ion	Ratio	Lower	Upper
130	100		
95	79.8	0.0	204.4



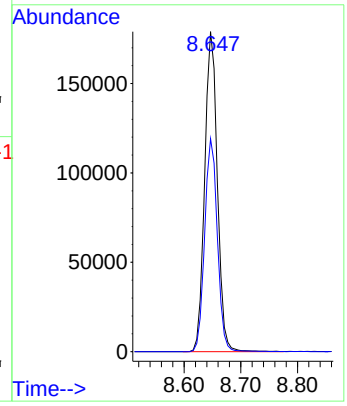


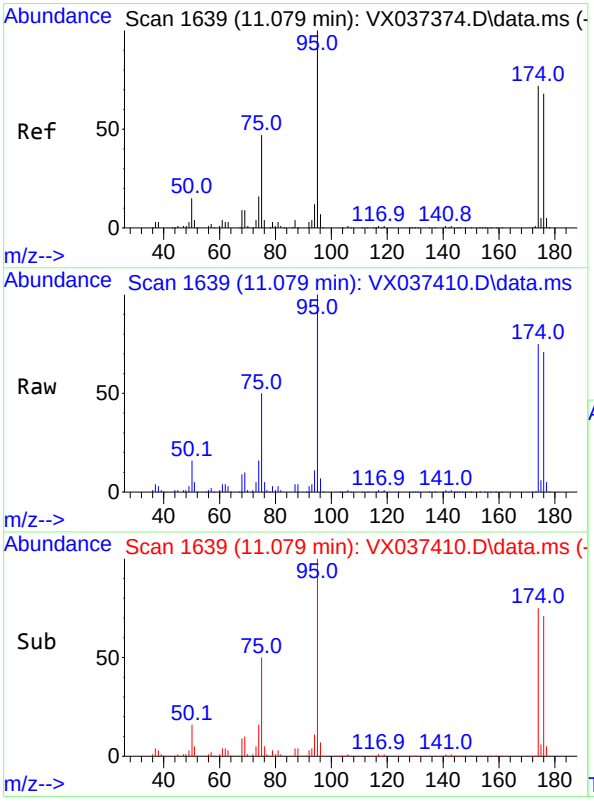
#50
Toluene-d8
Concen: 48.253 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

Tgt Ion: 98 Resp: 277618

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7

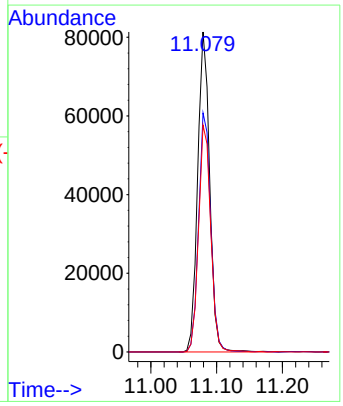


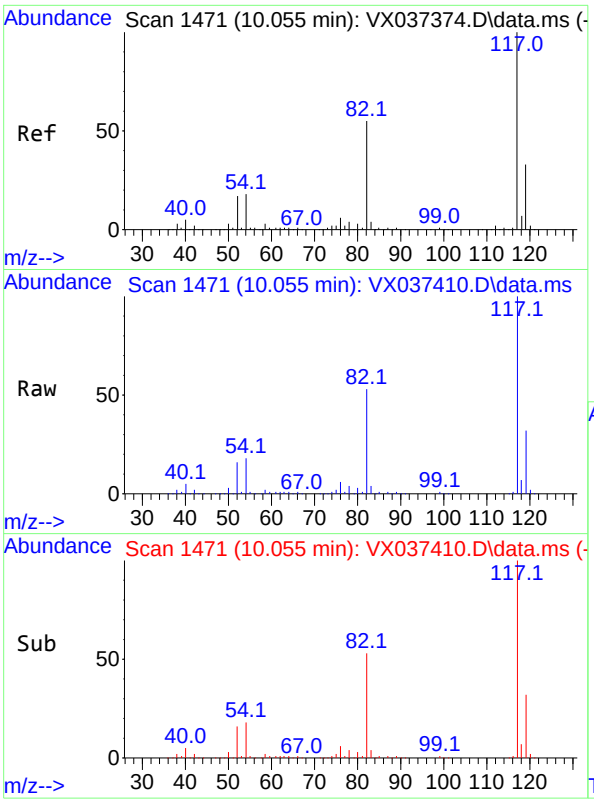


#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 95 Resp: 103053

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	135.6
176	72.0	0.0	131.0



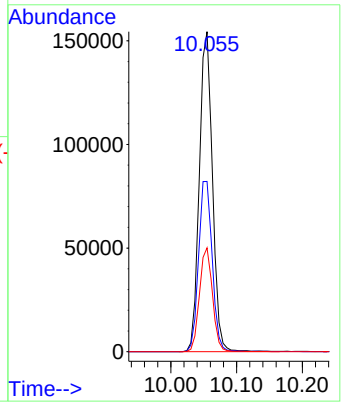


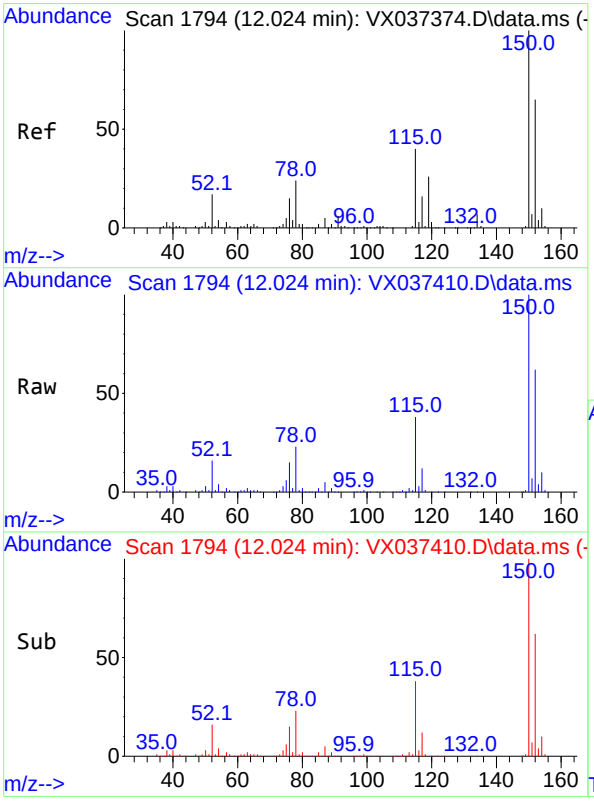
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

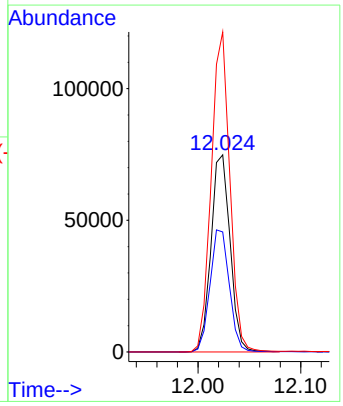
Tgt Ion:117 Resp: 213638

Ion	Ratio	Lower	Upper
117	100		
82	53.2	46.2	69.4
119	32.5	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion:152 Resp: 96711

Ion	Ratio	Lower	Upper
152	100		
115	62.9	43.3	129.9
150	157.8	0.0	345.0