Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
Data File : VX037558.D
Acq On : 06 Sep 2023 16:39
Operator : JC/MD
Sample : 04287-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Quant Time: Sep 06 22:47:16 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	129321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75132	40.298	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.600%		
35) Dibromofluoromethane	5.385	113	65004	45.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	8.647	98	251672	48.850	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	88499	43.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.420%		
Target Compounds						Qvalue
16) Acetone	2.392	43	1465	2.009	ug/l	95
18) Methyl Acetate	2.709	43	1125	0.410	ug/l	94
20) Methylene Chloride	2.794	84	875	0.536	ug/l #	57
27) cis-1,2-Dichloroethene	4.501	96	1685	0.944	ug/l	76
44) Trichloroethene	7.129	130	41720	25.423	ug/l	98

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

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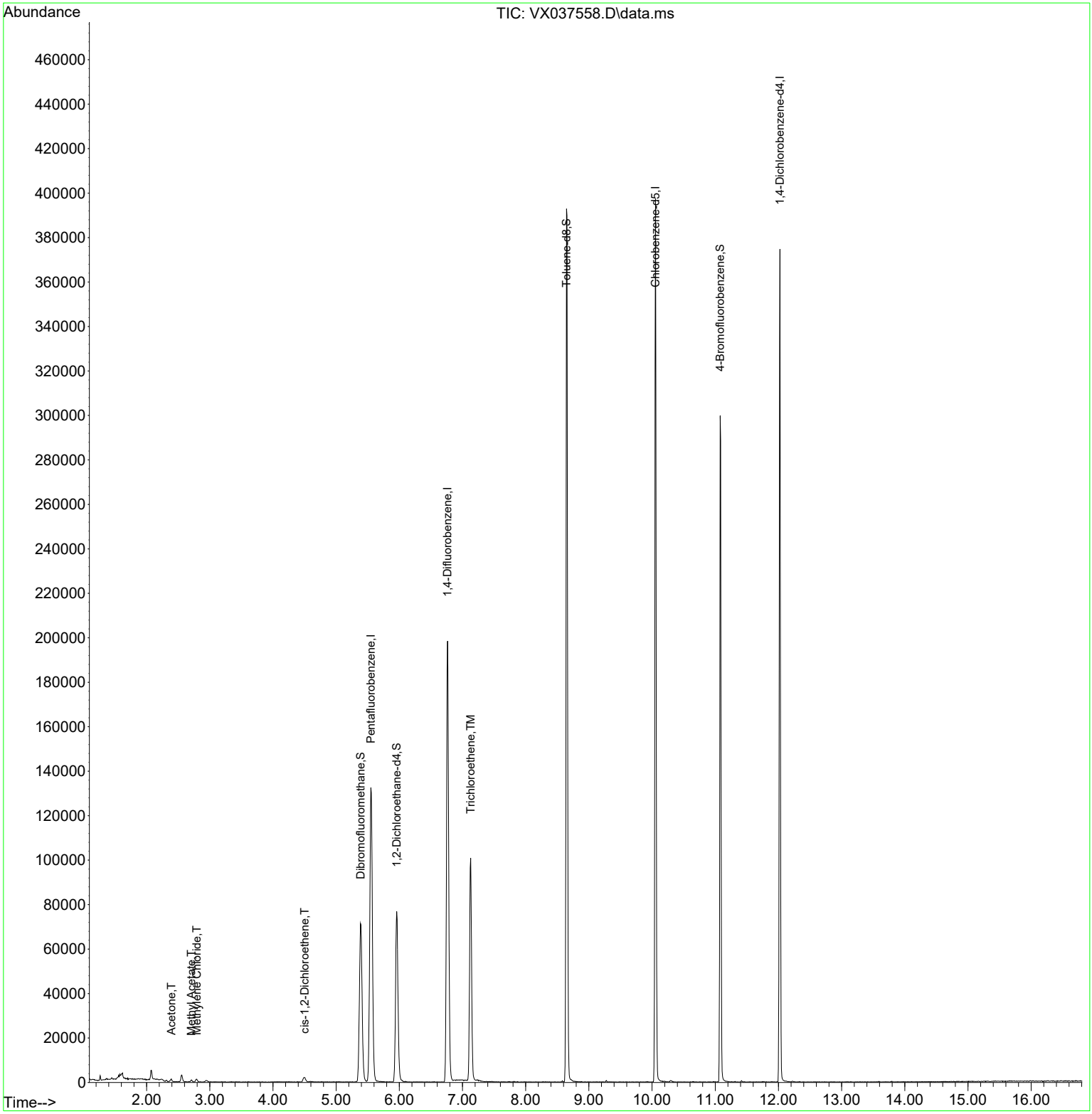
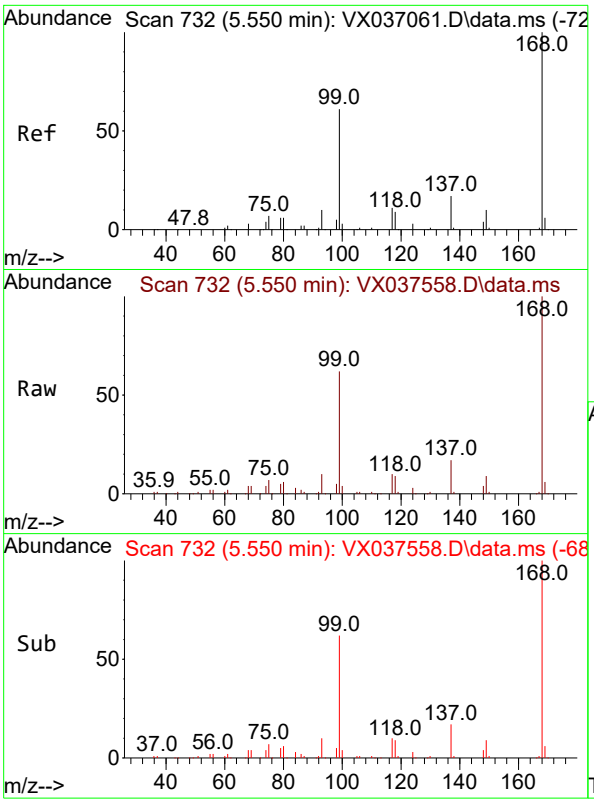


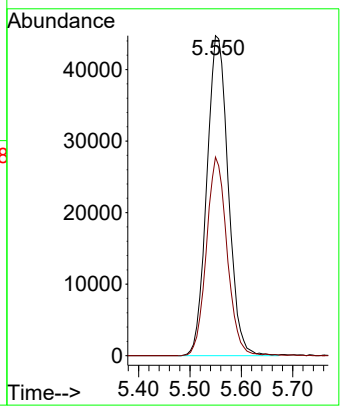


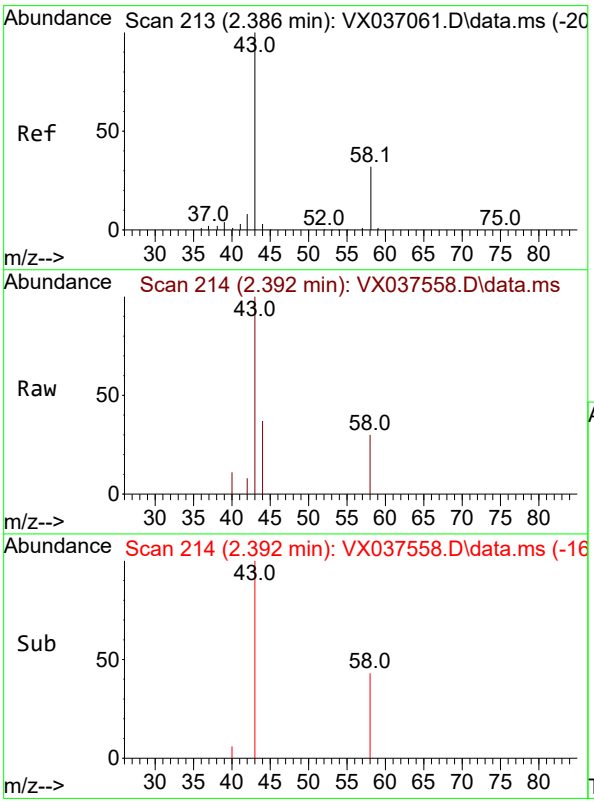
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion:168 Resp: 129321

Ion	Ratio	Lower	Upper
168	100		
99	62.1	56.6	85.0

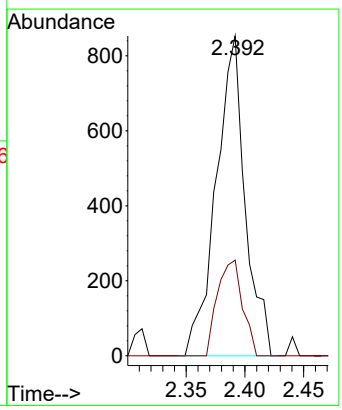


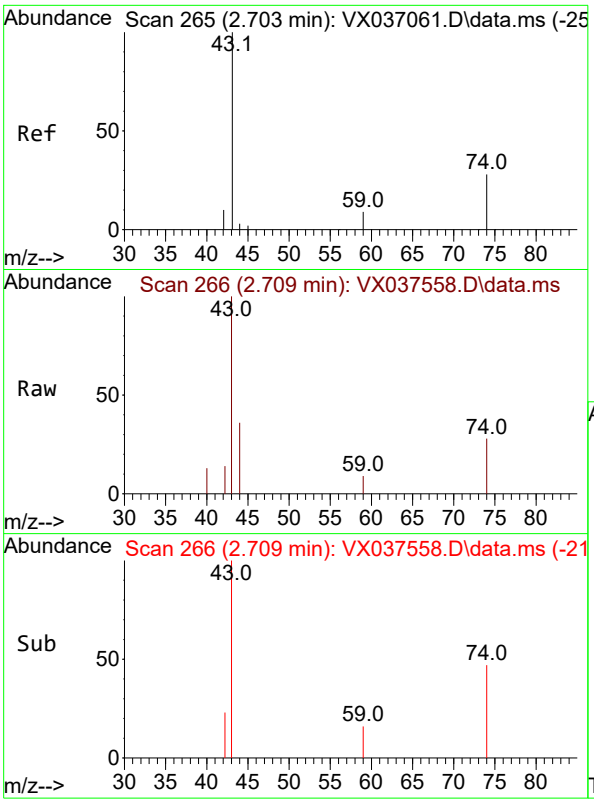


#16
Acetone
Concen: 2.009 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 43 Resp: 1465

Ion	Ratio	Lower	Upper
43	100		
58	29.9	21.9	32.9



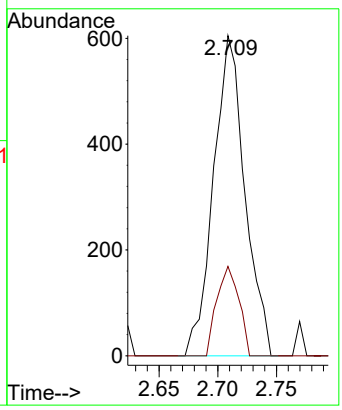


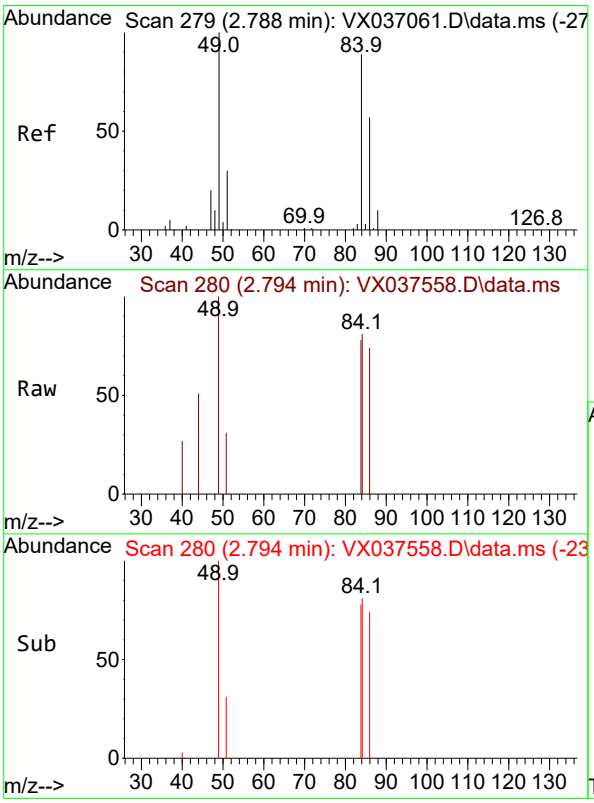
#18
Methyl Acetate
Concen: 0.410 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion: 43 Resp: 1125

Ion	Ratio	Lower	Upper
43	100		
74	19.6	17.8	26.8

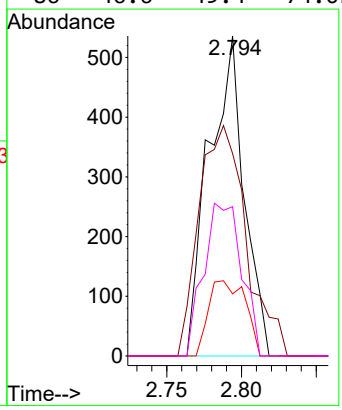


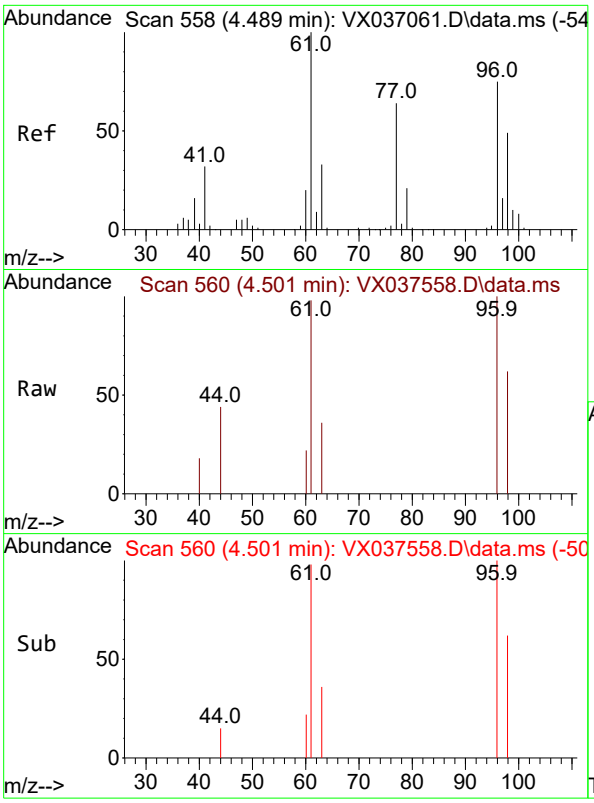


#20
Methylene Chloride
Concen: 0.536 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 84 Resp: 875

Ion	Ratio	Lower	Upper
84	100		
49	63.2	103.6	155.4#
51	19.4	33.8	50.6#
86	46.6	49.4	74.0#



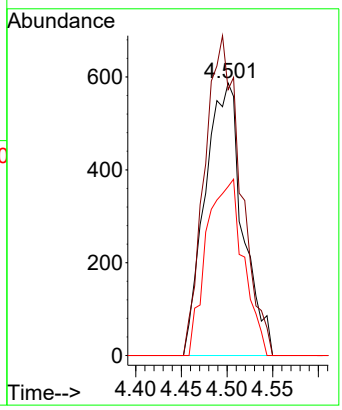


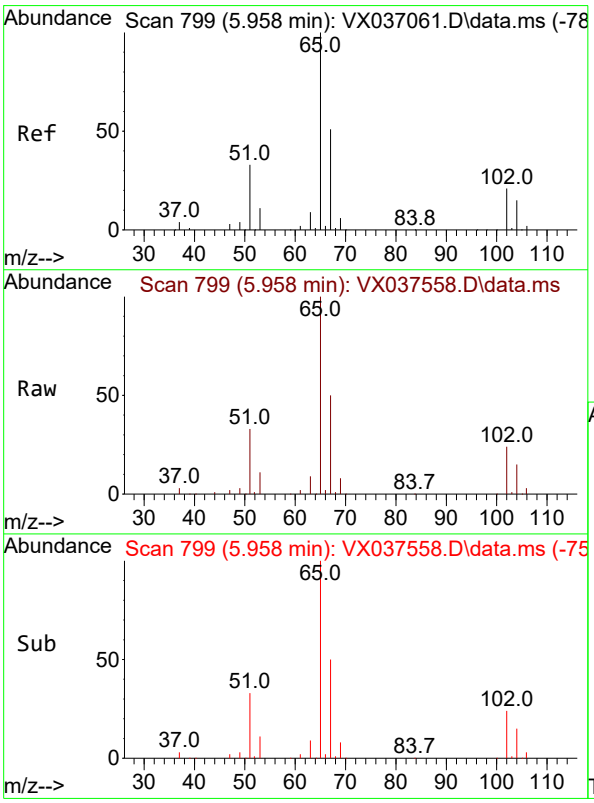
#27
cis-1,2-Dichloroethene
Concen: 0.944 ug/l
RT: 4.501 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion: 96 Resp: 1685

Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	312.2
98	63.2	0.0	129.0

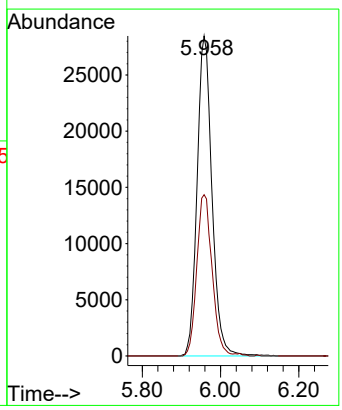


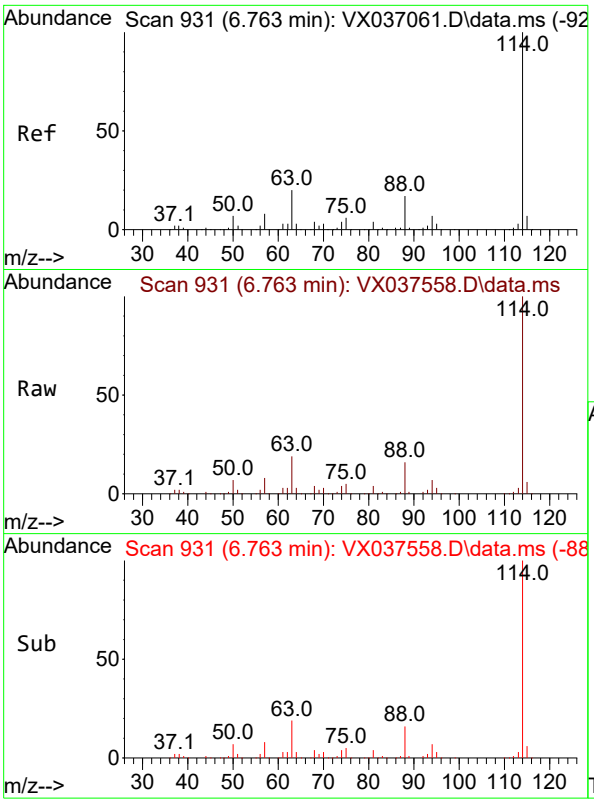


#33
1,2-Dichloroethane-d4
Concen: 40.298 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 65 Resp: 75132

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.2



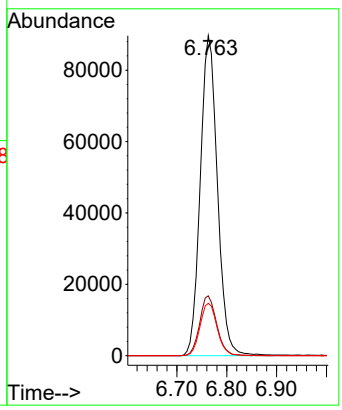


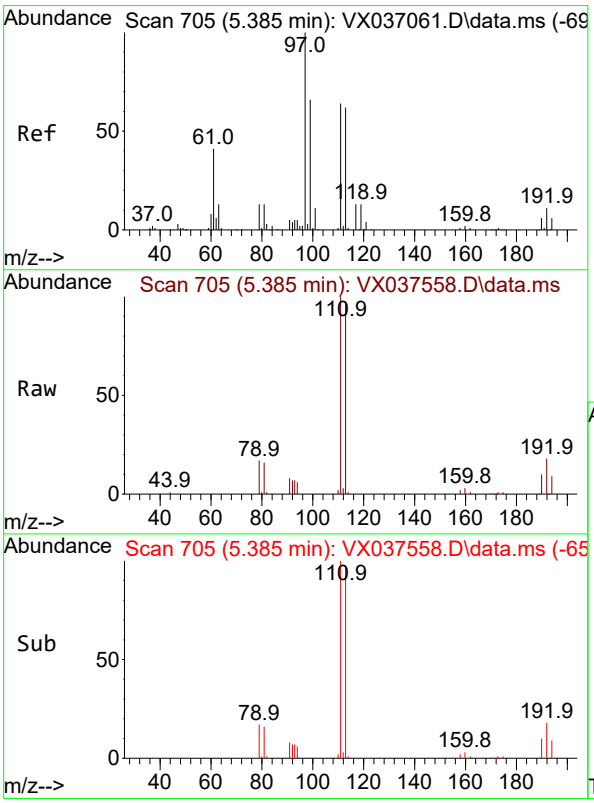
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion:114 Resp: 214458

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	45.0
88	16.3	0.0	36.6

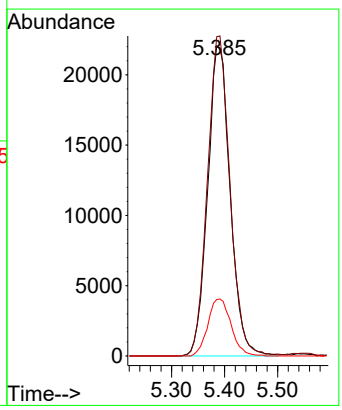


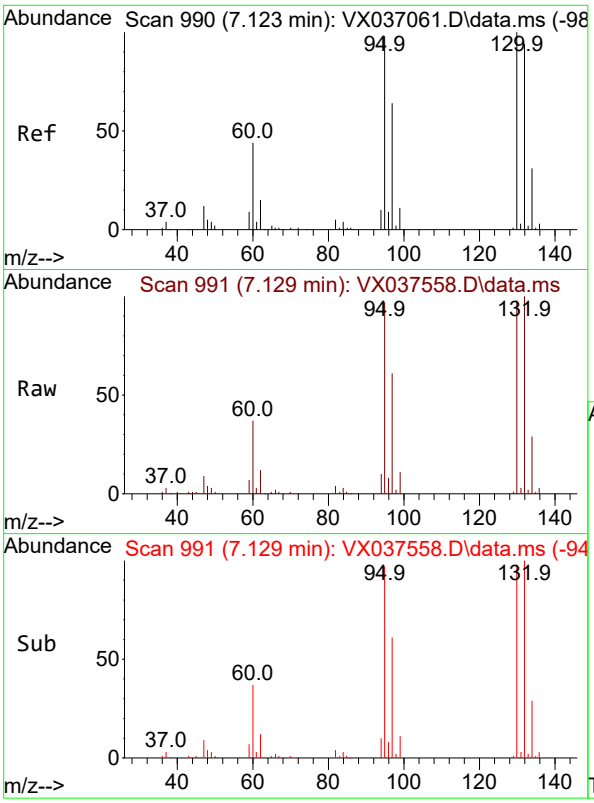


#35
Dibromofluoromethane
Concen: 45.768 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion:113 Resp: 65004

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.9	13.3	19.9



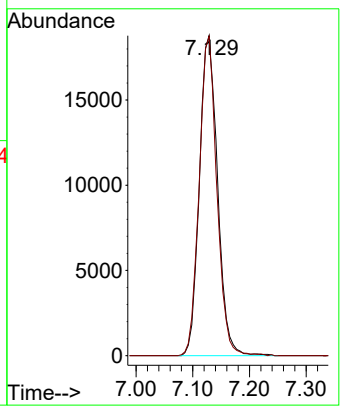


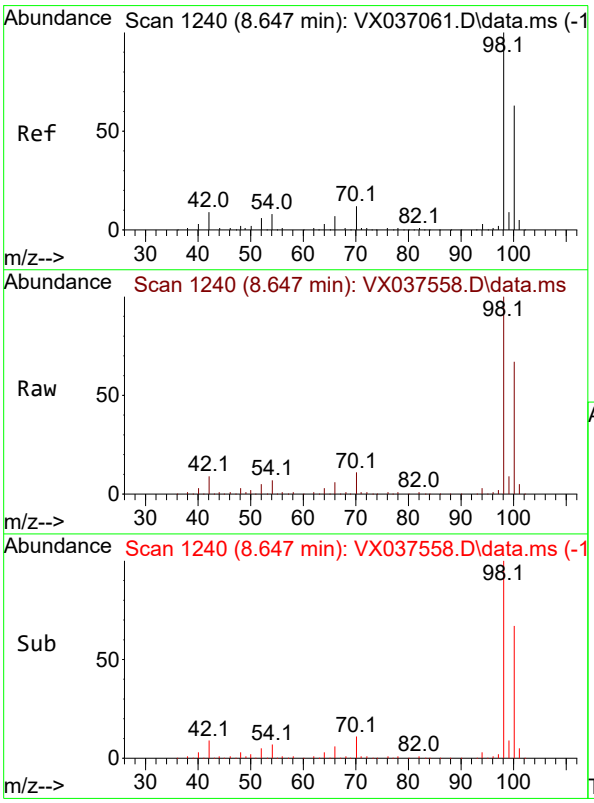
#44
Trichloroethene
Concen: 25.423 ug/l
RT: 7.129 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion:130 Resp: 41720

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	204.4

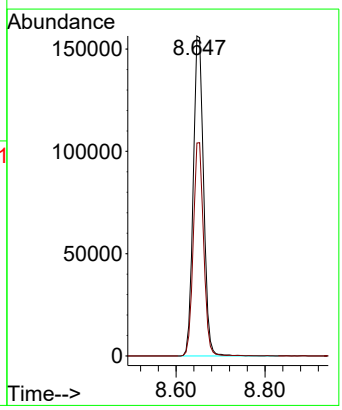


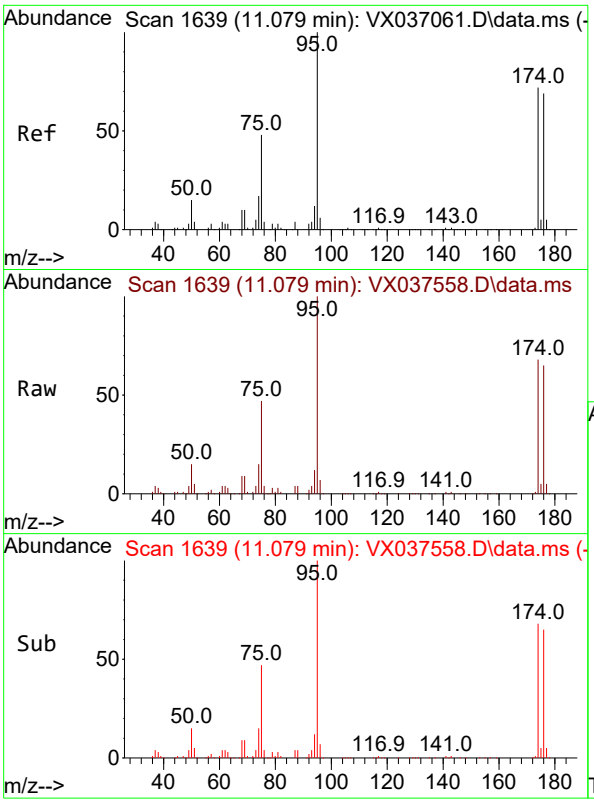


#50
Toluene-d8
Concen: 48.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion: 98 Resp: 251672

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7



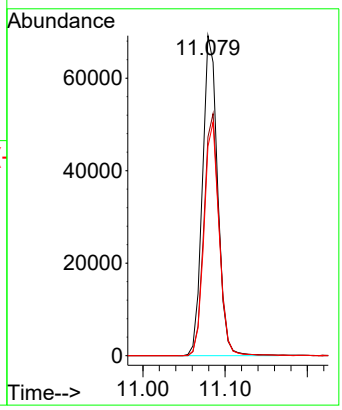


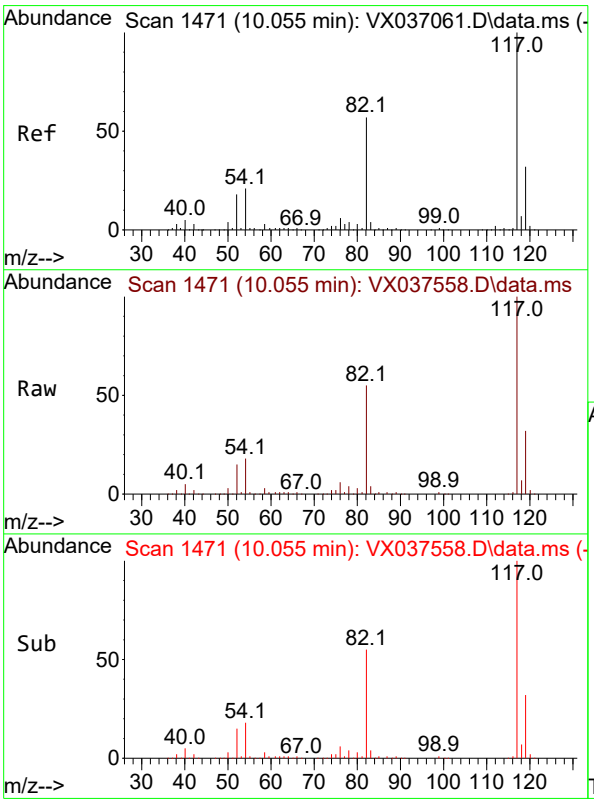
#62
4-Bromofluorobenzene
Concen: 43.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion: 95 Resp: 88499

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	135.6
176	72.5	0.0	131.0

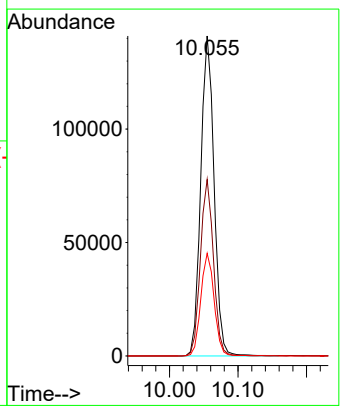


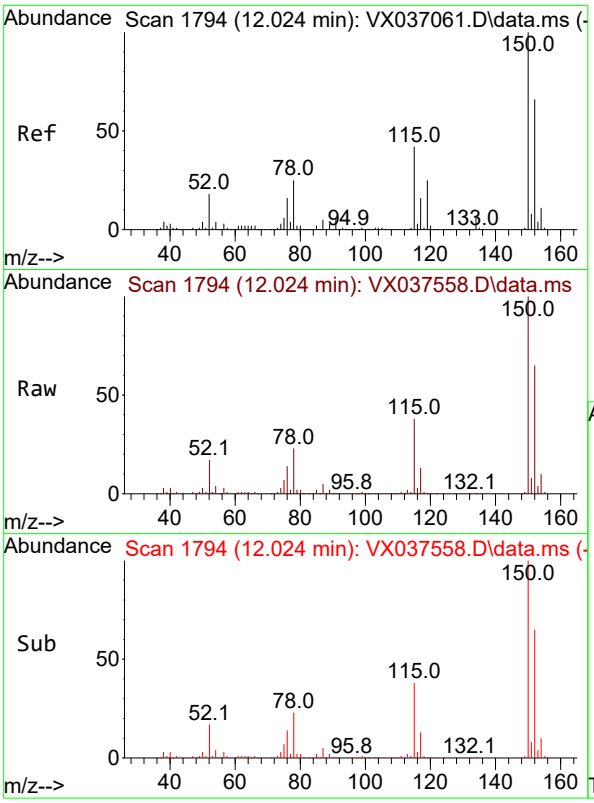


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Tgt Ion:117 Resp: 191323

Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.2	69.4
119	32.0	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037558.D
Acq: 06 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
FB01-090123

Tgt Ion:152 Resp: 80712

Ion	Ratio	Lower	Upper
152	100		
115	61.8	43.3	129.9
150	158.0	0.0	345.0