Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038269.D
Acq On : 12 Oct 2023 20:04
Operator : JC/MD
Sample : 04875-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Quant Time: Oct 13 04:55:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	115023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84217	45.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.040%		
35) Dibromofluoromethane	5.391	113	67190	45.469	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.940%		
50) Toluene-d8	8.646	98	267339	47.344	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.079	95	102070	47.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.360%		
Target Compounds						Qvalue
16) Acetone	2.379	43	2560	3.316	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	1051	0.807	ug/l	95
44) Trichloroethene	7.135	130	4249	2.850	ug/l	98
48) Methyl methacrylate	7.708	41	1744	1.011	ug/l #	80
52) Toluene	8.720	92	267244	71.982	ug/l	93
64) Tetrachloroethene	9.274	164	3889	2.757	ug/l	95
67) Ethyl Benzene	10.201	91	3357	0.412	ug/l #	87
68) m/p-Xylenes	10.305	106	3184	1.012	ug/l	97
69) o-Xylene	10.646	106	1588	0.517	ug/l	92

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

Quantitation Report (QT Reviewed)

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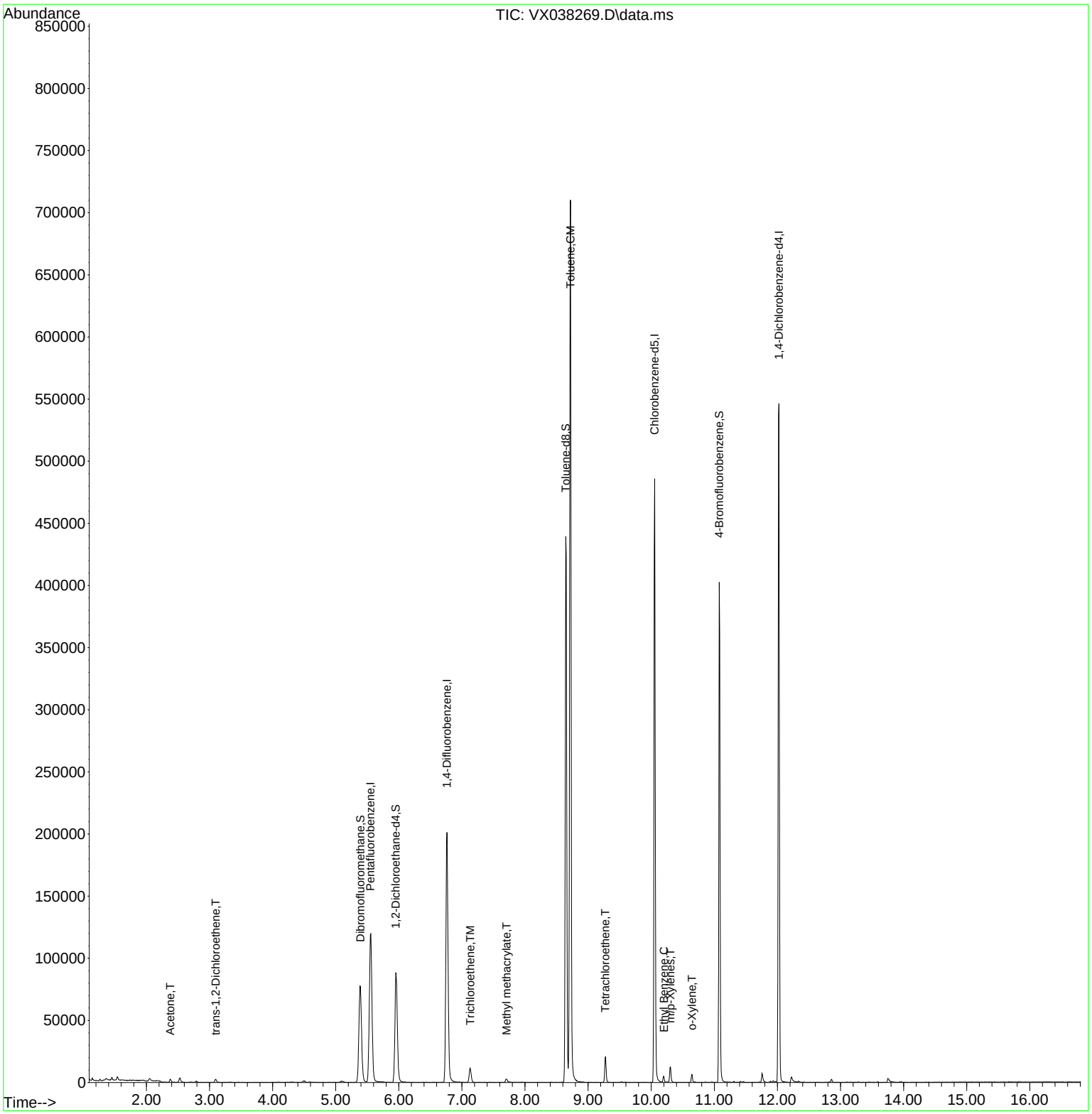
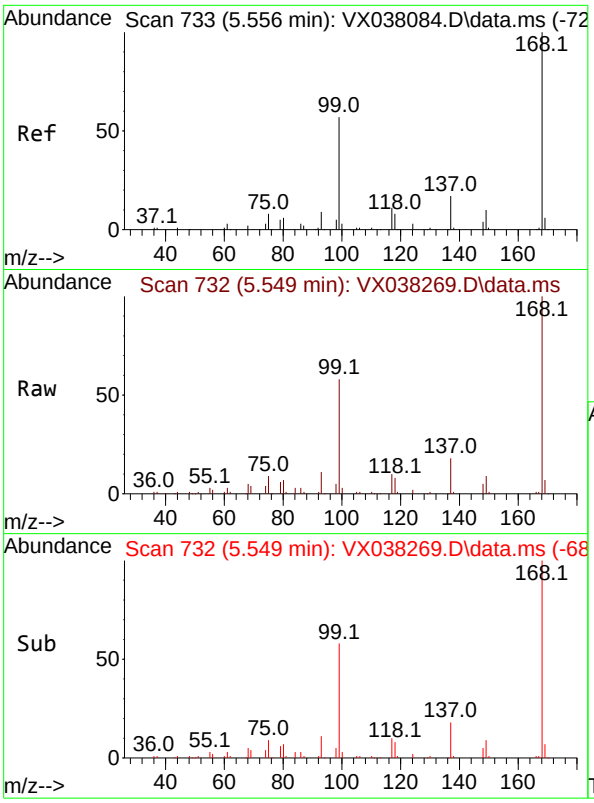


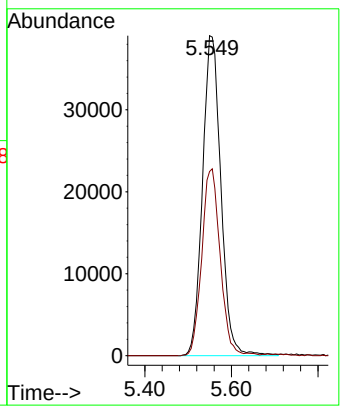


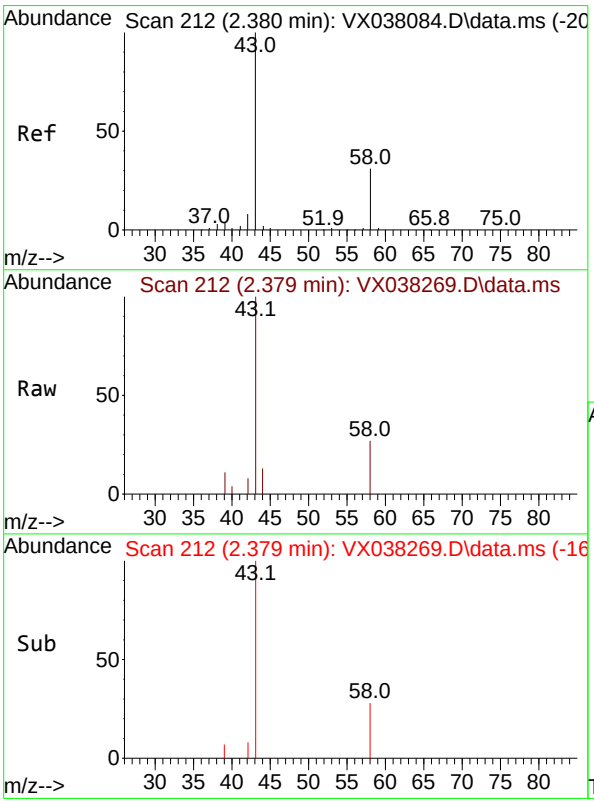
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion:168 Resp: 115023

Ion	Ratio	Lower	Upper
168	100		
99	57.5	56.6	85.0

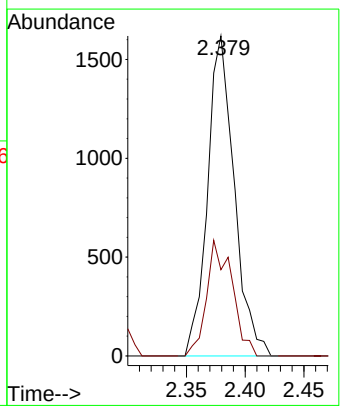


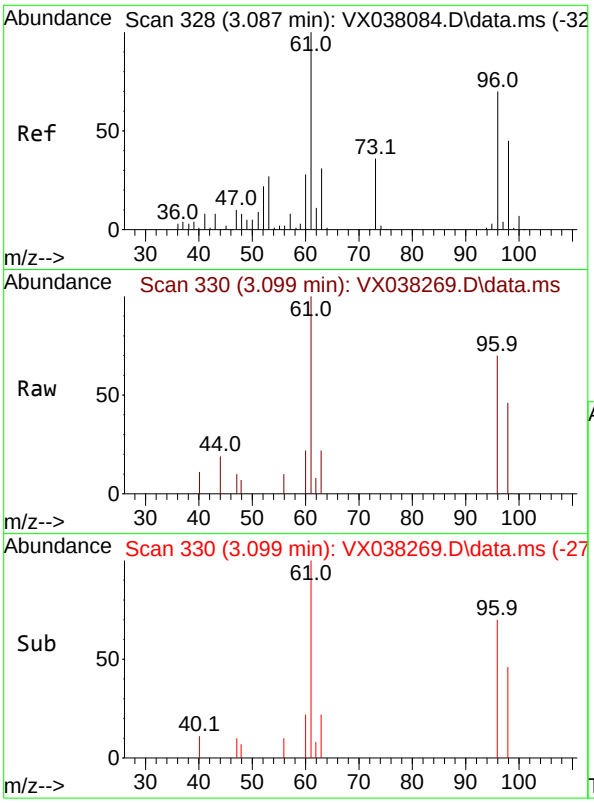


#16
Acetone
Concen: 3.316 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion: 43 Resp: 2560

Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.9	32.9



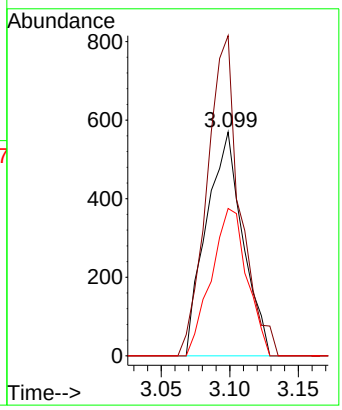


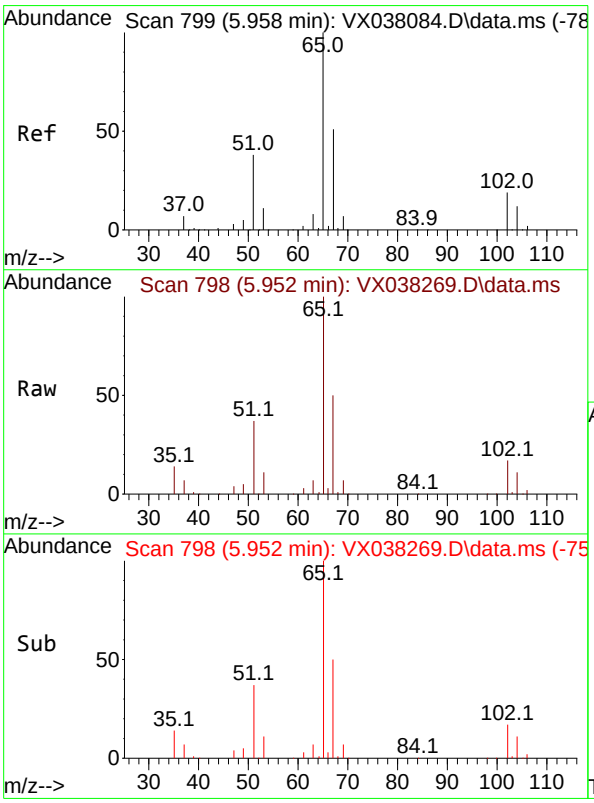
#21
trans-1,2-Dichloroethene
Concen: 0.807 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion: 96 Resp: 1051

Ion	Ratio	Lower	Upper
96	100		
61	143.0	119.2	178.8
98	65.8	48.7	73.1

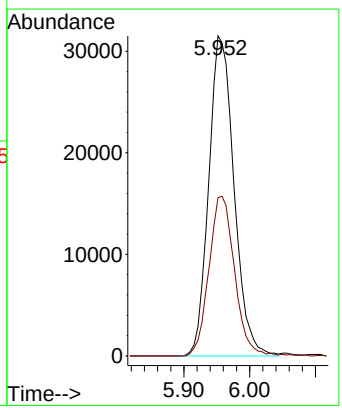


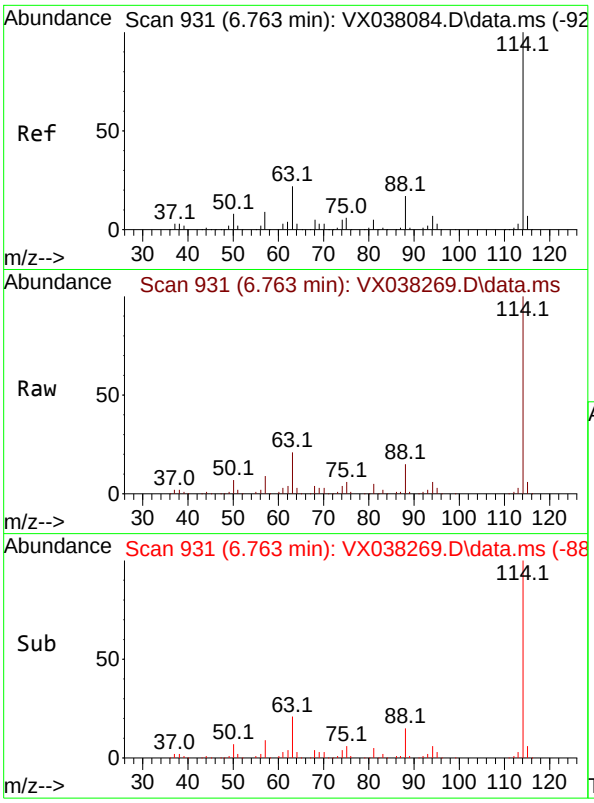


#33
1,2-Dichloroethane-d4
Concen: 45.521 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion: 65 Resp: 84217

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.2



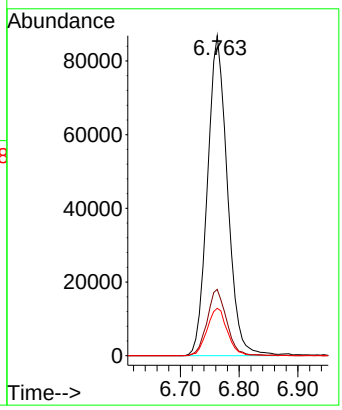


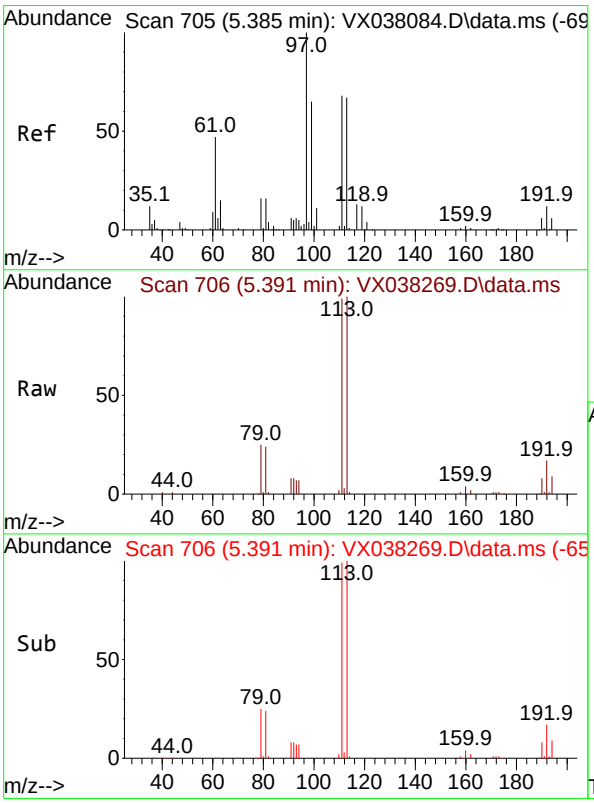
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion:114 Resp: 205077

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	45.0
88	14.8	0.0	36.6

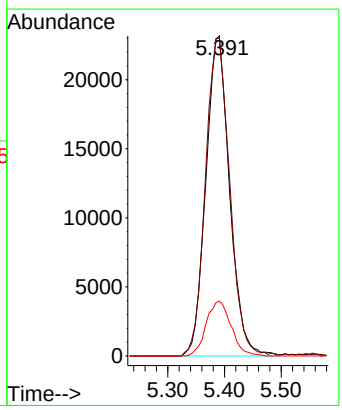


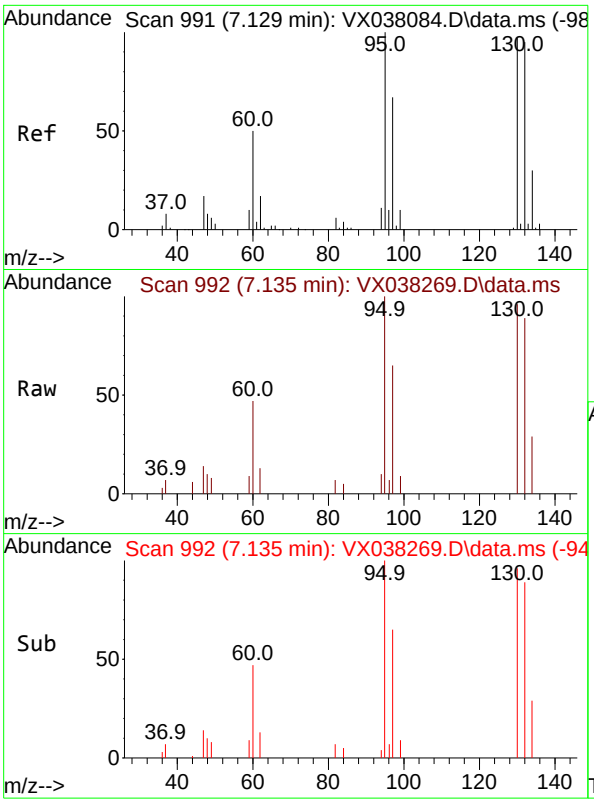


#35
Dibromofluoromethane
Concen: 45.469 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion:113 Resp: 67190

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.0	13.3	19.9



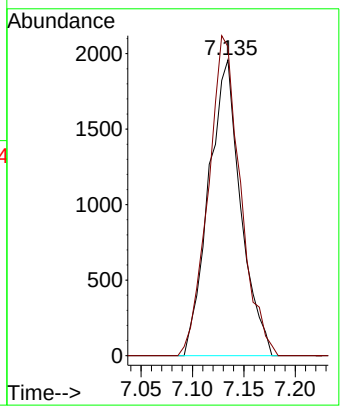


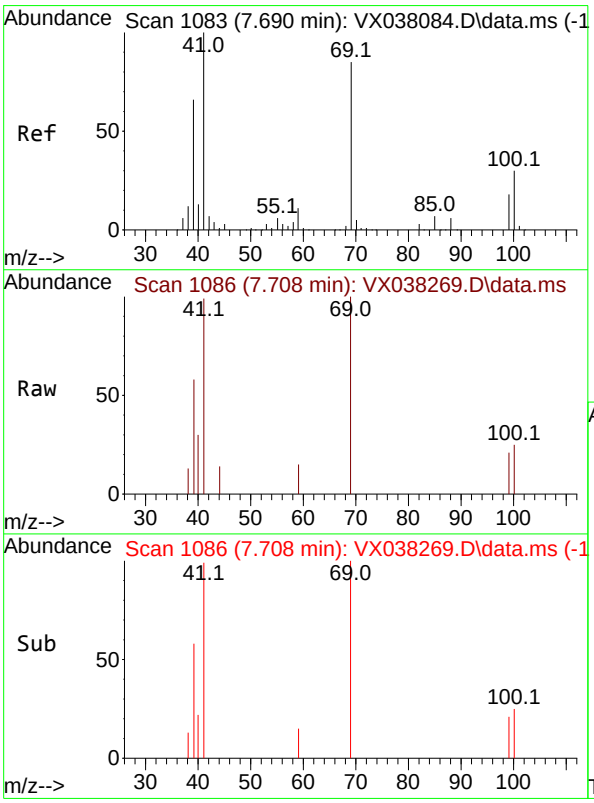
#44
Trichloroethene
Concen: 2.850 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion:130 Resp: 4249

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	204.4

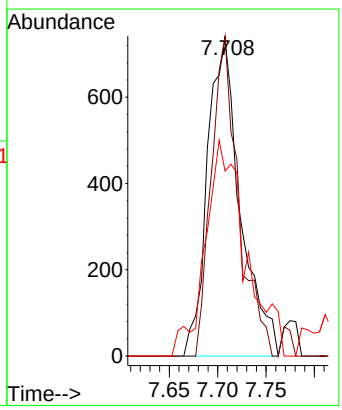


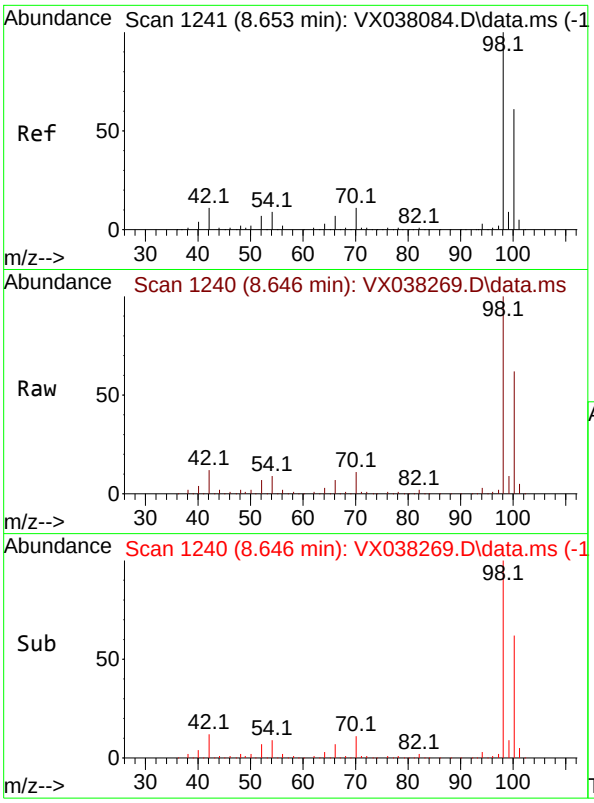


#48
Methyl methacrylate
Concen: 1.011 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion: 41 Resp: 1744

Ion	Ratio	Lower	Upper
41	100		
69	83.4	59.2	88.8
39	82.7	47.7	71.5#



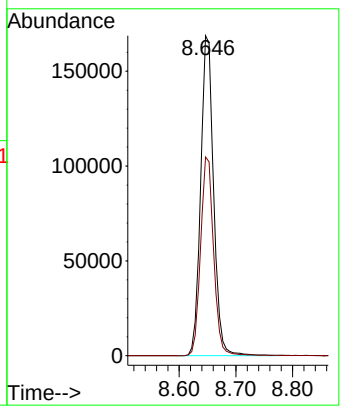


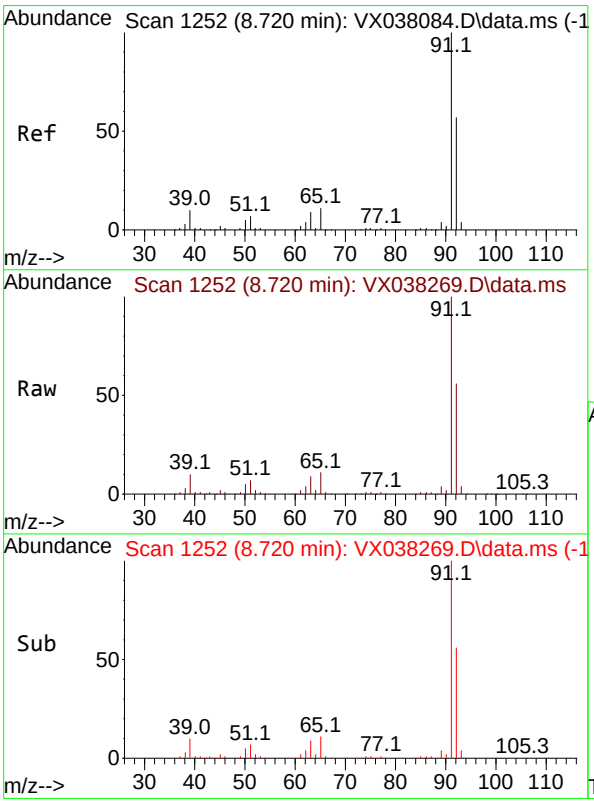
#50
Toluene-d8
Concen: 47.344 ug/l
RT: 8.646 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion: 98 Resp: 267339

Ion	Ratio	Lower	Upper
98	100		
100	62.7	53.1	79.7

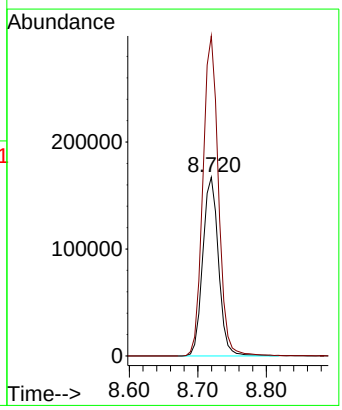


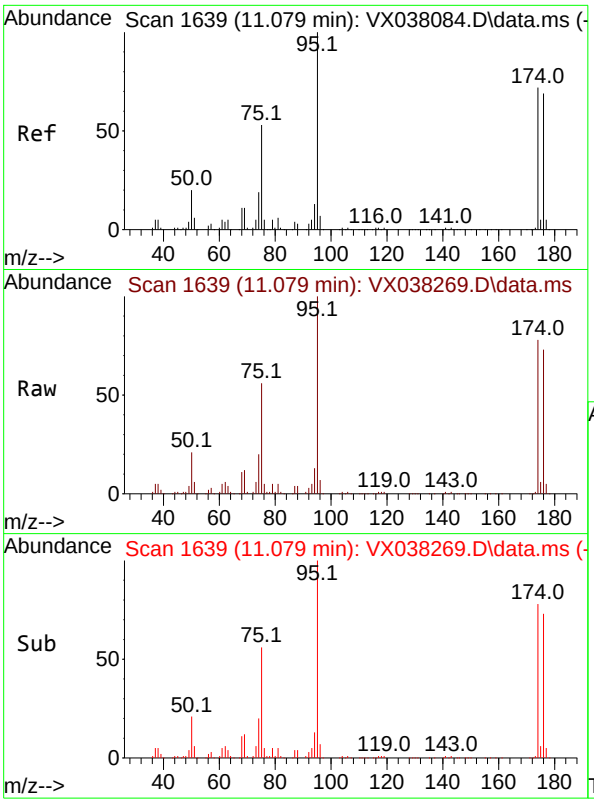


#52
Toluene
Concen: 71.982 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion: 92 Resp: 267244

Ion	Ratio	Lower	Upper
92	100		
91	177.5	134.2	201.2



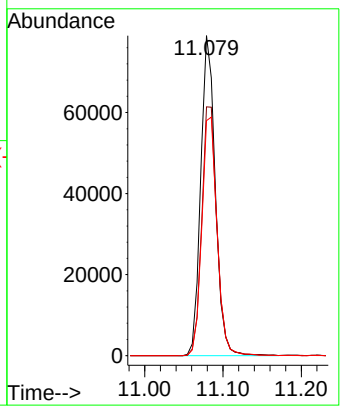


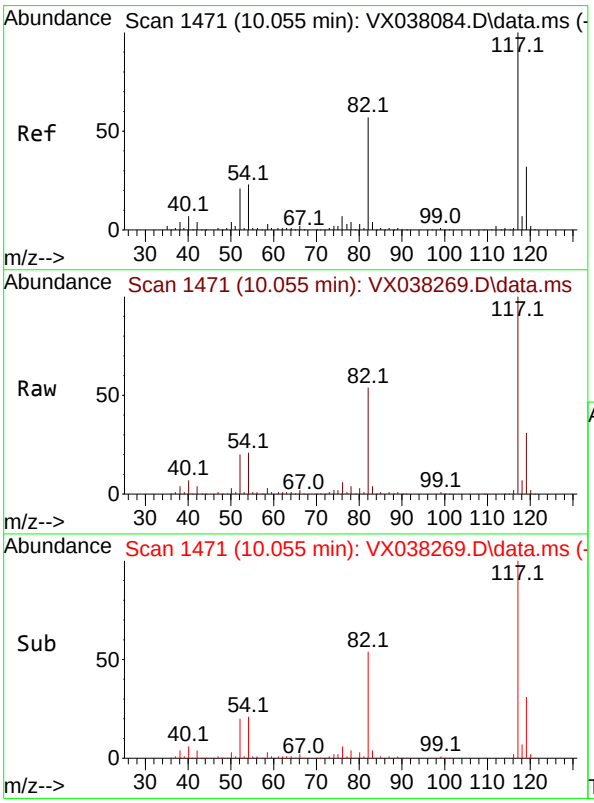
#62
4-Bromofluorobenzene
Concen: 47.680 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion: 95 Resp: 102070

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	135.6
176	78.2	0.0	131.0

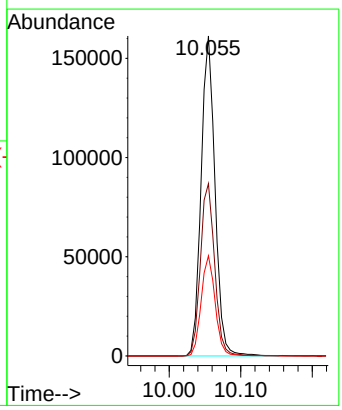


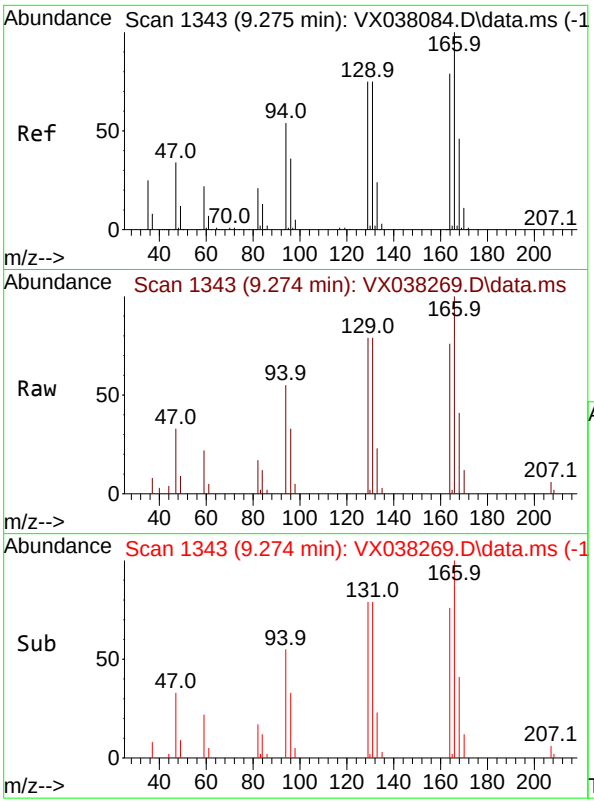


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion:117 Resp: 217893

Ion	Ratio	Lower	Upper
117	100		
82	53.8	46.2	69.4
119	31.3	25.5	38.3



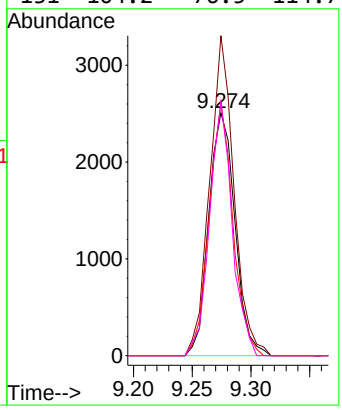


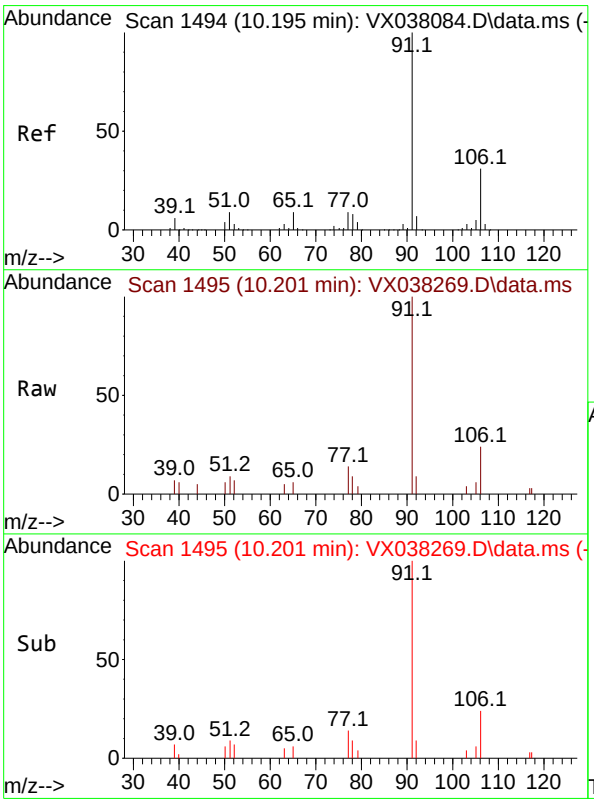
#64
Tetrachloroethene
Concen: 2.757 ug/l
RT: 9.274 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion:164 Resp: 3889

Ion	Ratio	Lower	Upper
164	100		
166	131.8	102.7	154.1
129	104.3	80.4	120.6
131	104.2	76.5	114.7

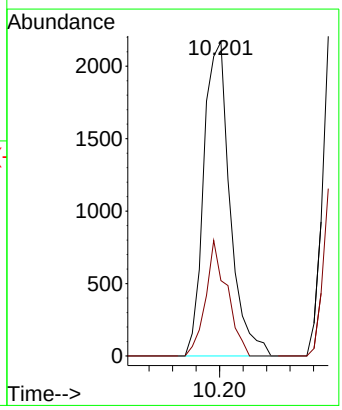


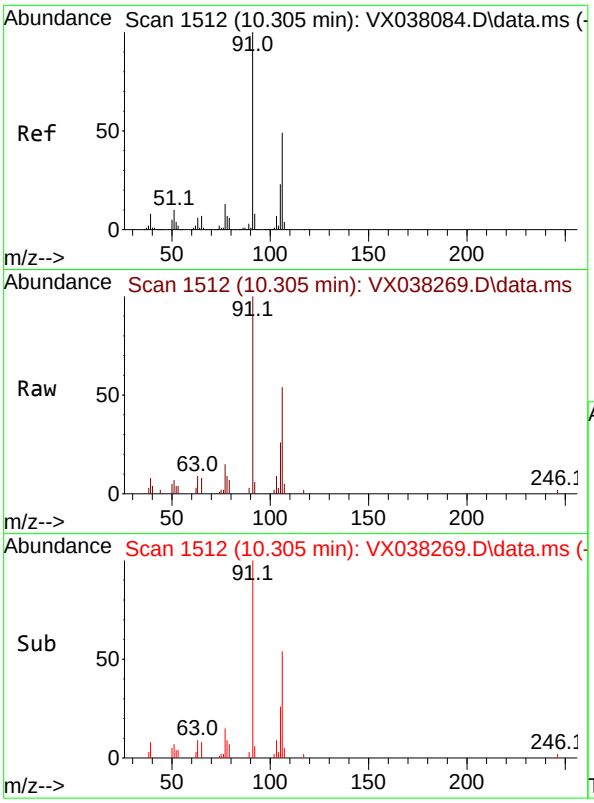


#67
Ethyl Benzene
Concen: 0.412 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion: 91 Resp: 3357

Ion	Ratio	Lower	Upper
91	100		
106	24.0	24.9	37.3#



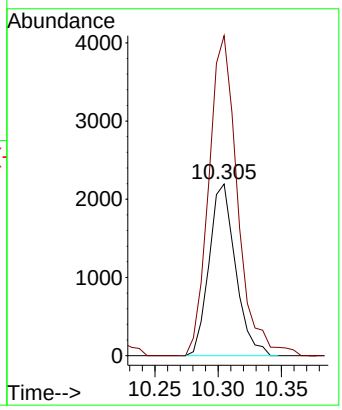


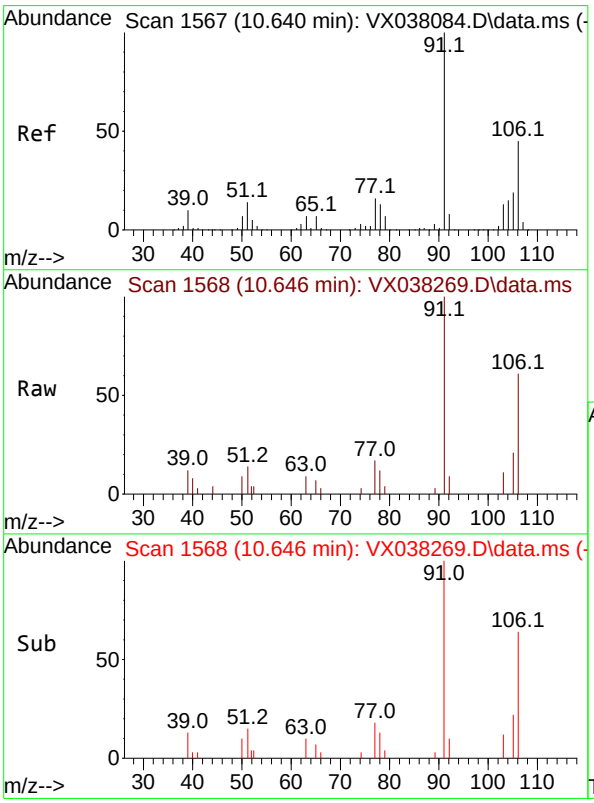
#68
m/p-Xylenes
Concen: 1.012 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion:106 Resp: 3184

Ion	Ratio	Lower	Upper
106	100		
91	203.0	165.5	248.3

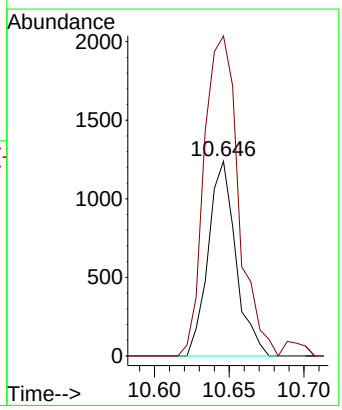


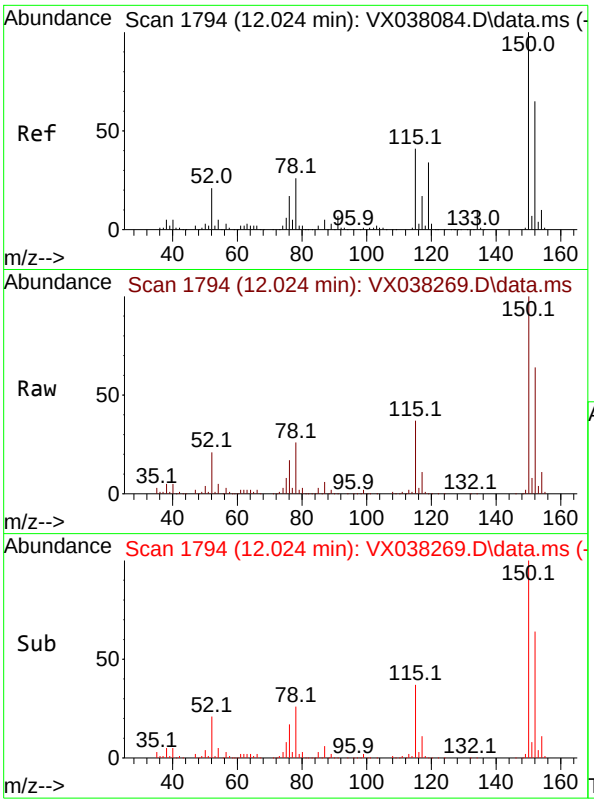


#69
o-Xylene
Concen: 0.517 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Tgt Ion:106 Resp: 1588

Ion	Ratio	Lower	Upper
106	100		
91	204.5	108.9	326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038269.D
Acq: 12 Oct 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
DUP-2

Tgt Ion:152 Resp: 112904

Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.3	129.9
150	157.4	0.0	345.0