Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
Data File : VX031995.D
Acq On : 08 Oct 2022 05:48
Operator : JC/MD
Sample : N4937-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Quant Time: Oct 10 04:51:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	58716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	93882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64117	52.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.760%			
35) Dibromofluoromethane	5.385	113	51679	48.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	8.653	98	185901	48.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.240%			
62) 4-Bromofluorobenzene	11.079	95	63663	47.093	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.180%			
Target Compounds						Qvalue
16) Acetone	2.398	43	1056	2.562	ug/l #	70
20) Methylene Chloride	2.788	84	435	0.402	ug/l #	85
40) Benzene	6.043	78	5936	1.439	ug/l #	82
52) Toluene	8.720	92	4575	1.696	ug/l	94
67) Ethyl Benzene	10.195	91	2564	0.509	ug/l	100
68) m/p-Xylenes	10.305	106	4773	2.385	ug/l	92
69) o-Xylene	10.646	106	1456	0.749	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1193	0.317	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	3502	0.917	ug/l	93

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

Quantitation Report (QT Reviewed)

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Instrument :
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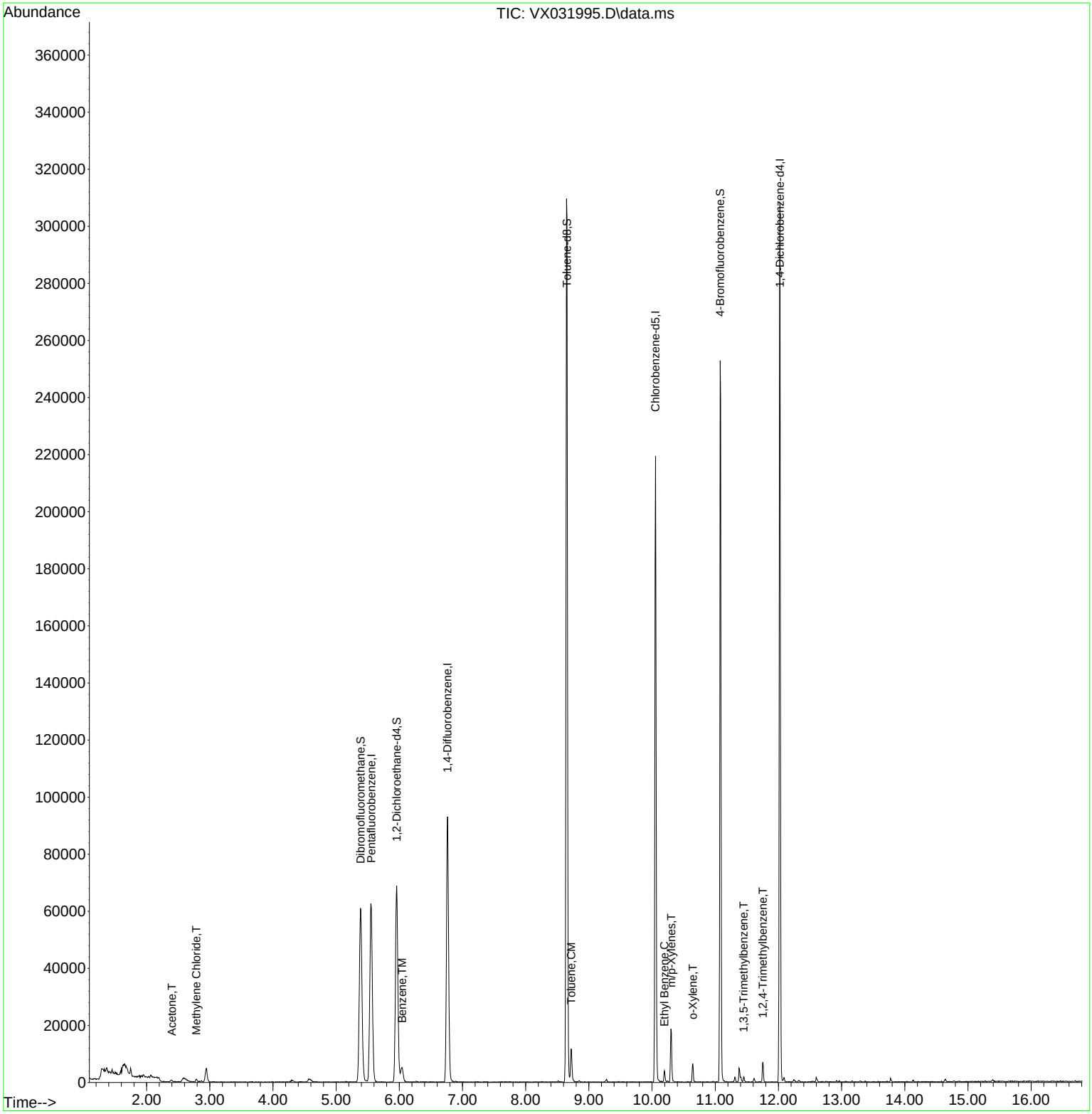
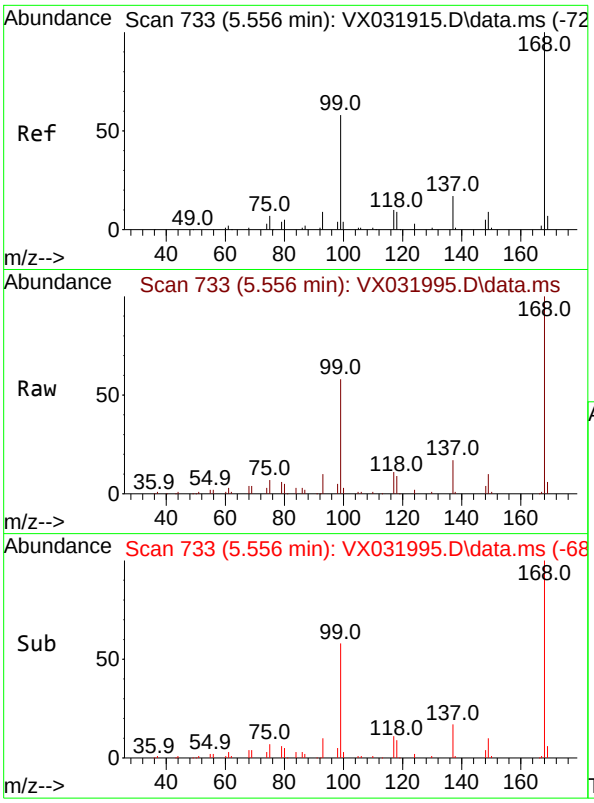
ClientSampleId :
TB-093022

Quant Time: Oct 10 04:51:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration



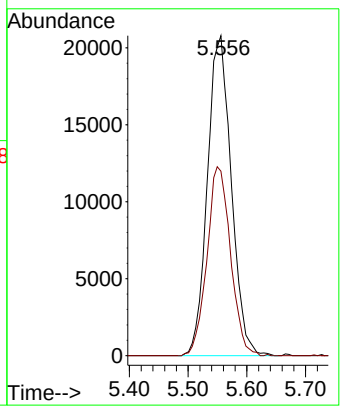


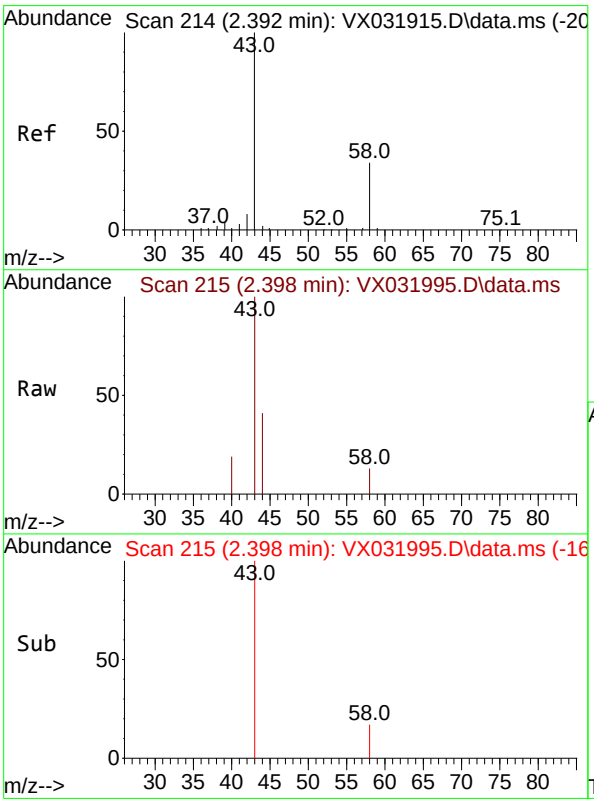
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion:168 Resp: 58716

Ion	Ratio	Lower	Upper
168	100		
99	57.6	48.8	73.2

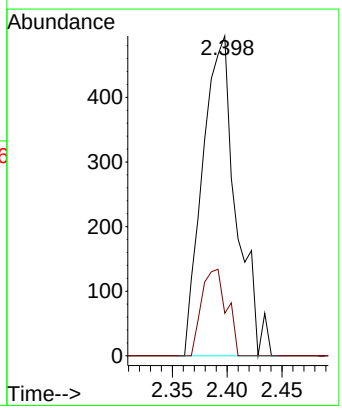


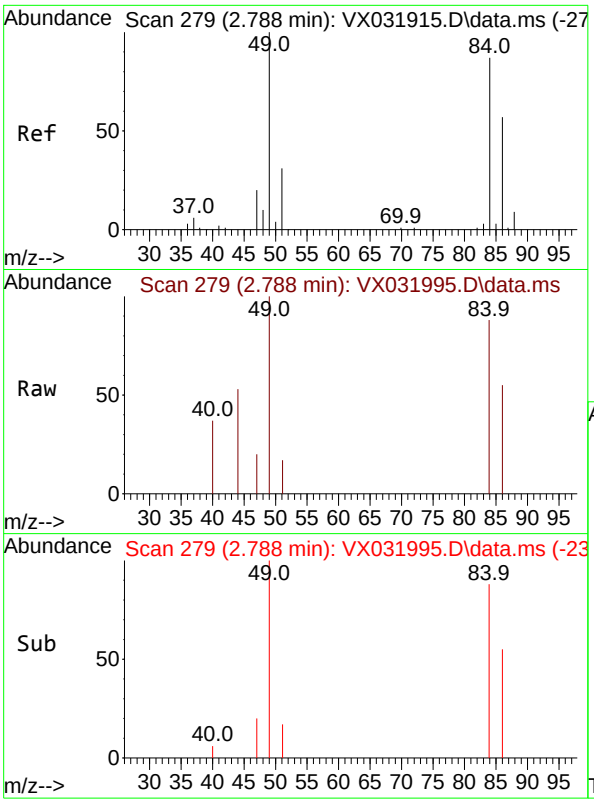


#16
Acetone
Concen: 2.562 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion: 43 Resp: 1056

Ion	Ratio	Lower	Upper
43	100		
58	13.3	23.8	35.8#



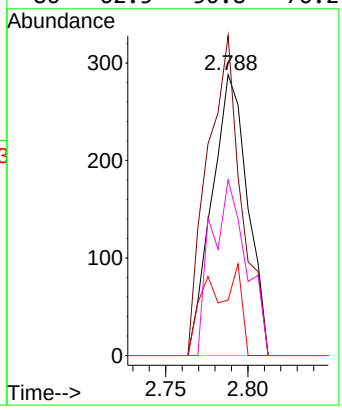


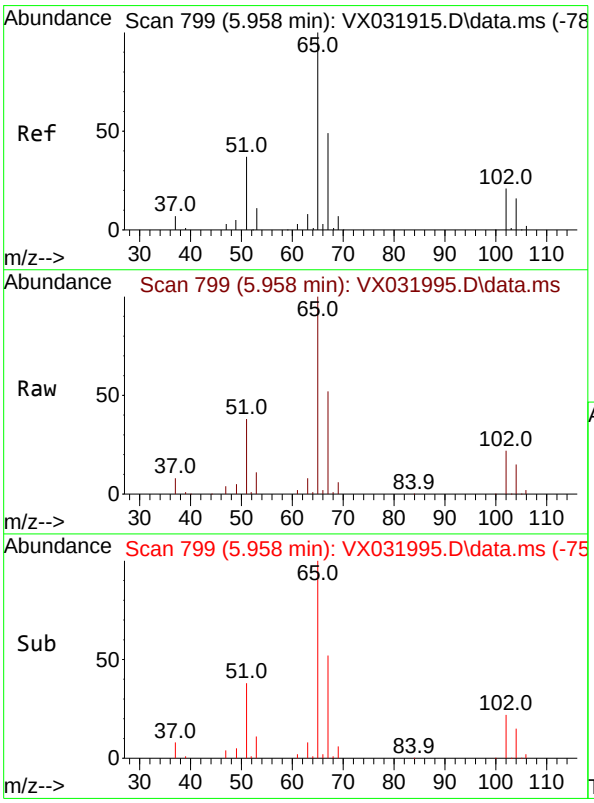
#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion: 84 Resp: 435

Ion	Ratio	Lower	Upper
84	100		
49	113.9	105.9	158.9
51	19.8	32.2	48.2#
86	62.5	50.8	76.2

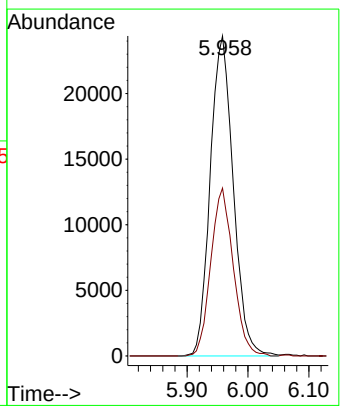


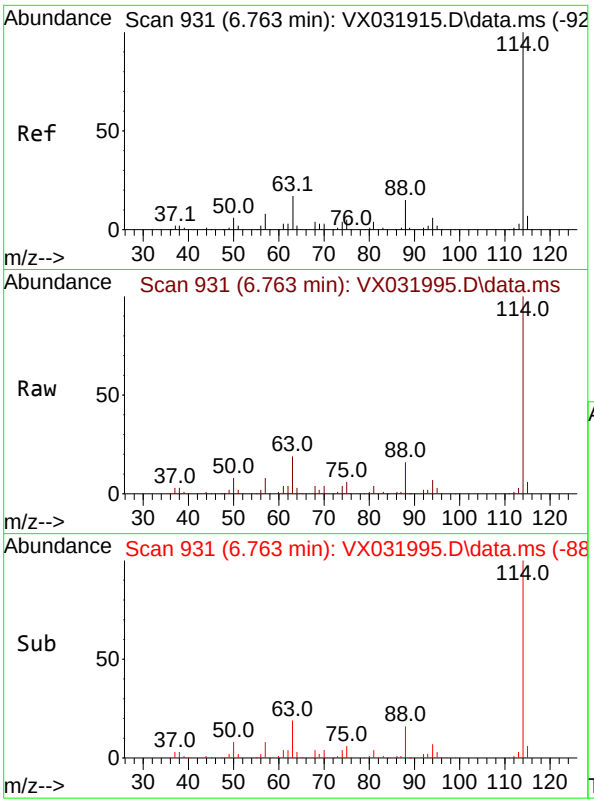


#33
1,2-Dichloroethane-d4
Concen: 52.875 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion: 65 Resp: 64117

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.4



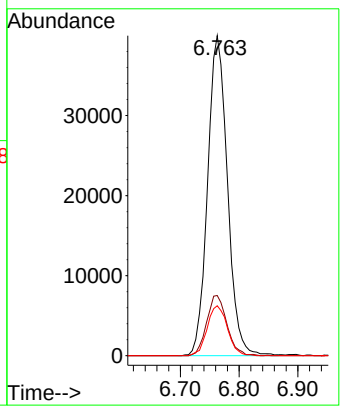


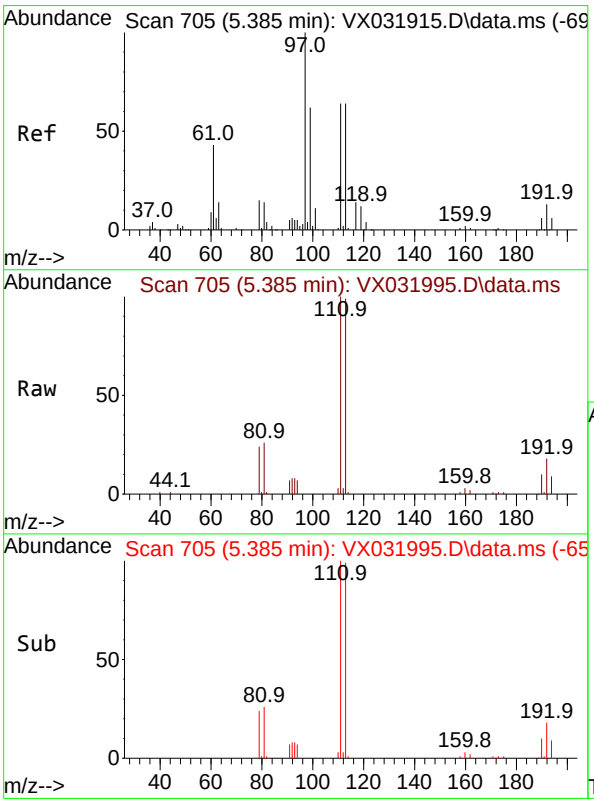
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion:114 Resp: 93882

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.6
88	15.6	0.0	33.0

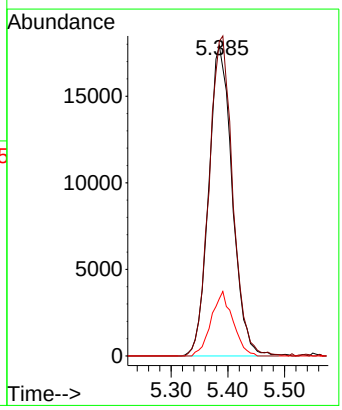


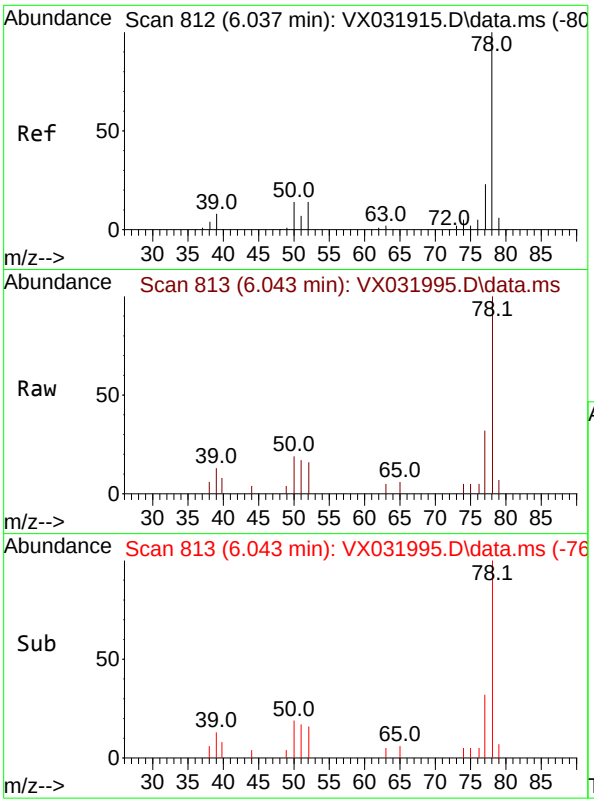


#35
Dibromofluoromethane
Concen: 48.630 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion:113 Resp: 51679

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	19.2	14.1	21.1



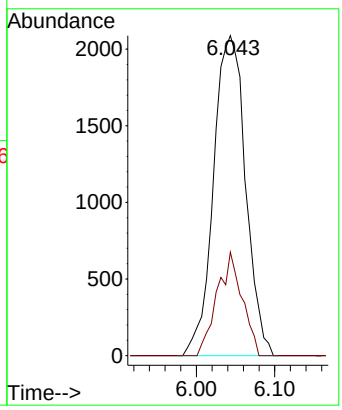


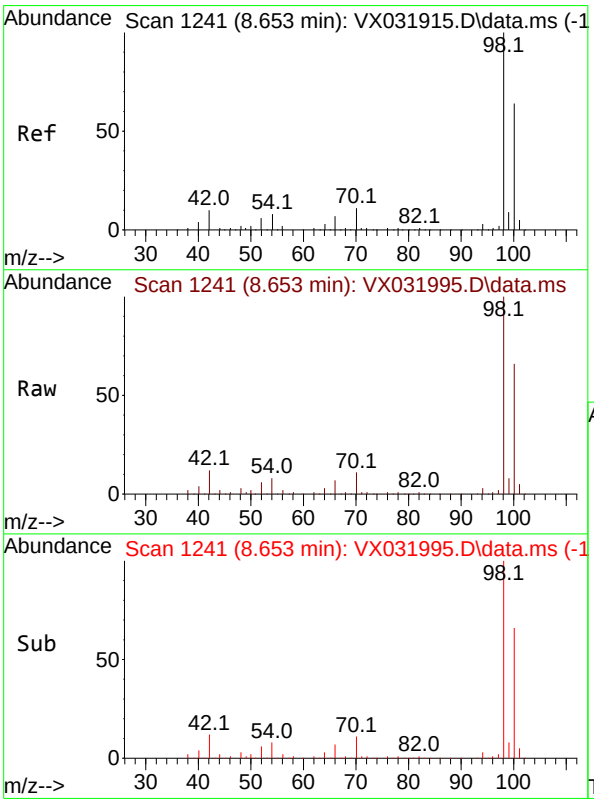
#40
Benzene
Concen: 1.439 ug/l
RT: 6.043 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion: 78 Resp: 5936

Ion	Ratio	Lower	Upper
78	100		
77	32.3	18.7	28.1#

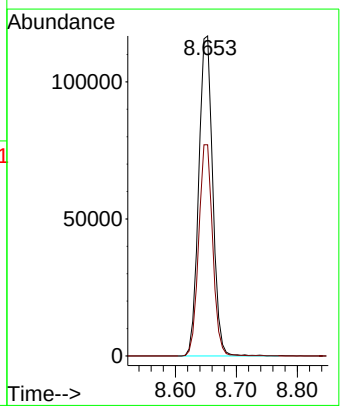


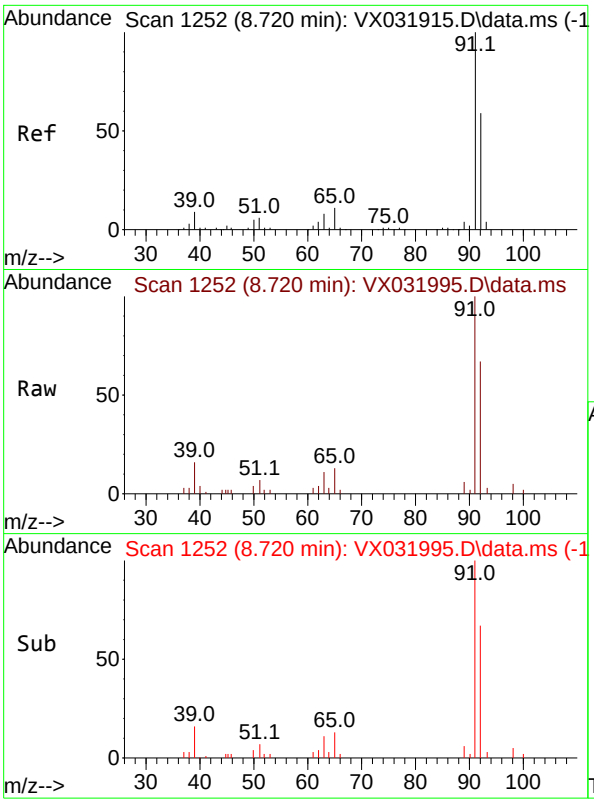


#50
Toluene-d8
Concen: 48.615 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion: 98 Resp: 185901

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7



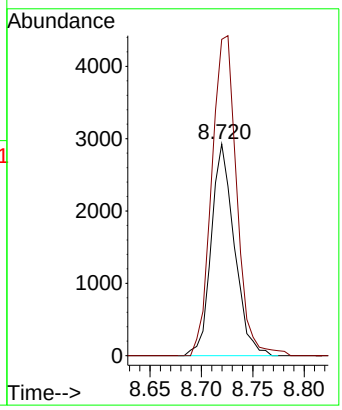


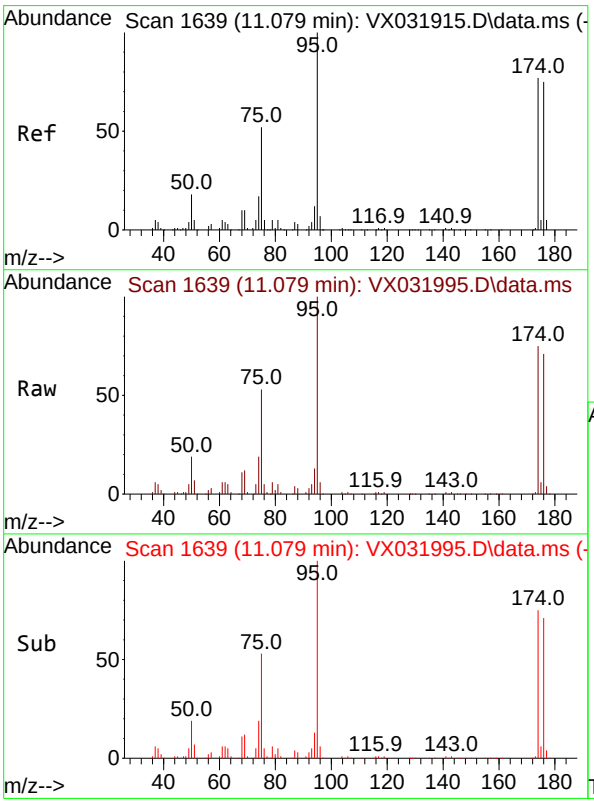
#52
Toluene
Concen: 1.696 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion: 92 Resp: 4575

Ion	Ratio	Lower	Upper
92	100		
91	163.2	137.1	205.7

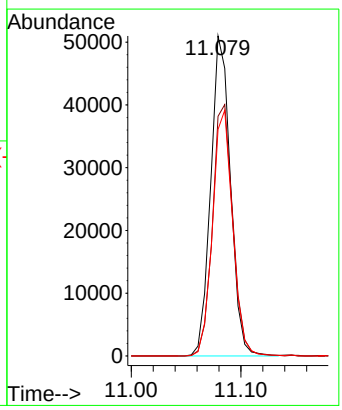


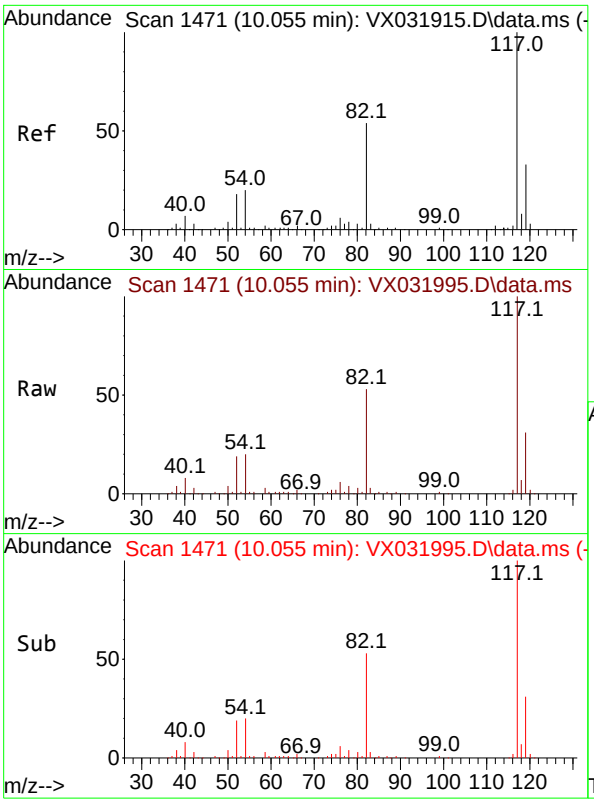


#62
4-Bromofluorobenzene
Concen: 47.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion: 95 Resp: 63663

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	153.2
176	78.6	0.0	144.0



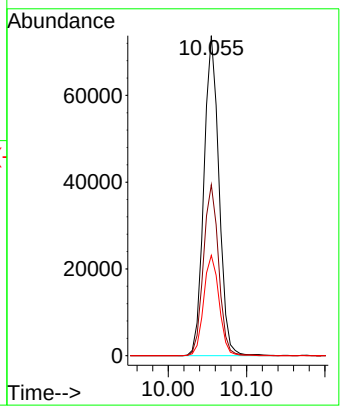


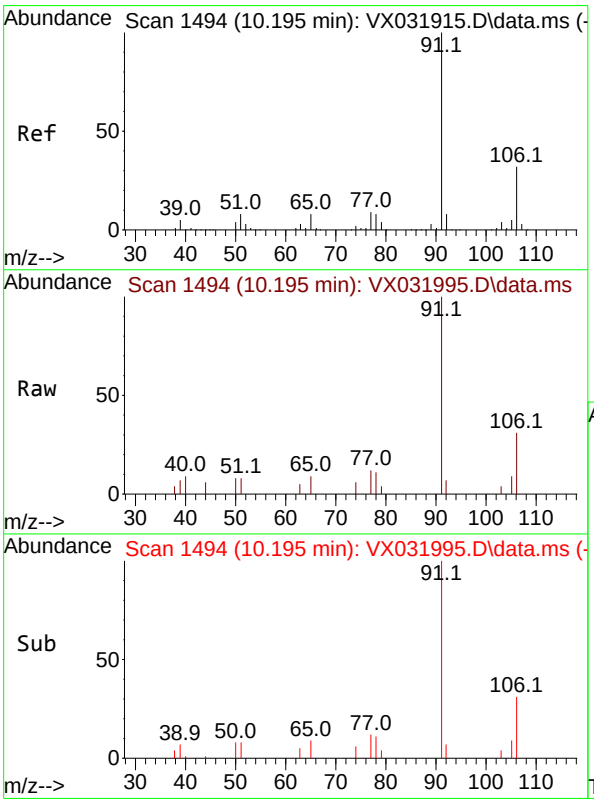
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion:117 Resp: 98240

Ion	Ratio	Lower	Upper
117	100		
82	53.4	46.8	70.2
119	31.3	26.4	39.6

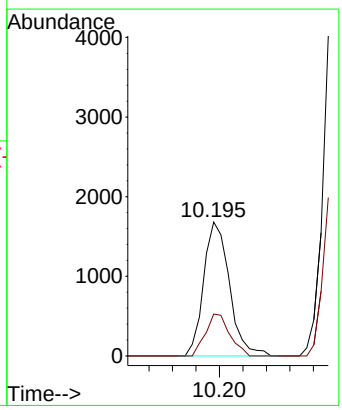


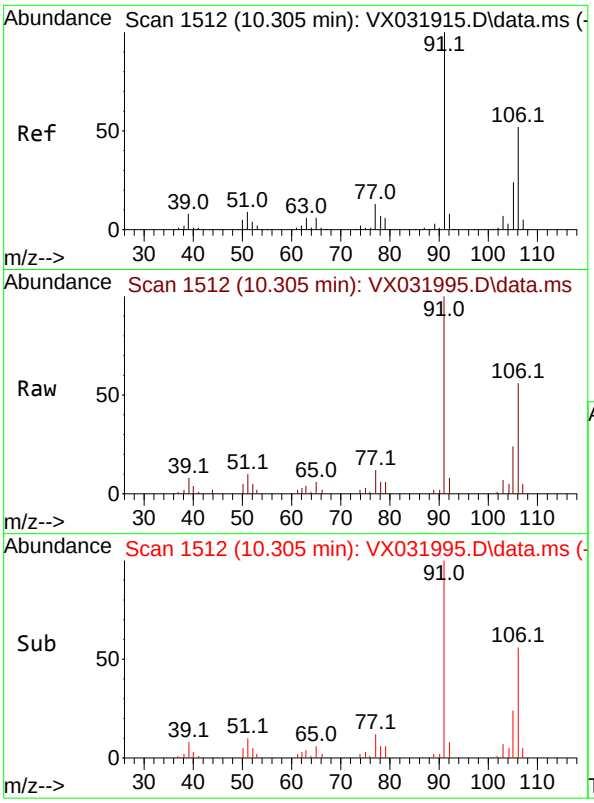


#67
Ethyl Benzene
Concen: 0.509 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion: 91 Resp: 2564

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.2	37.8



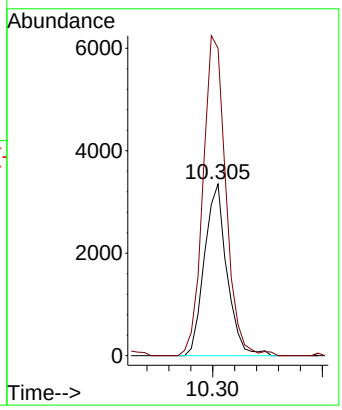


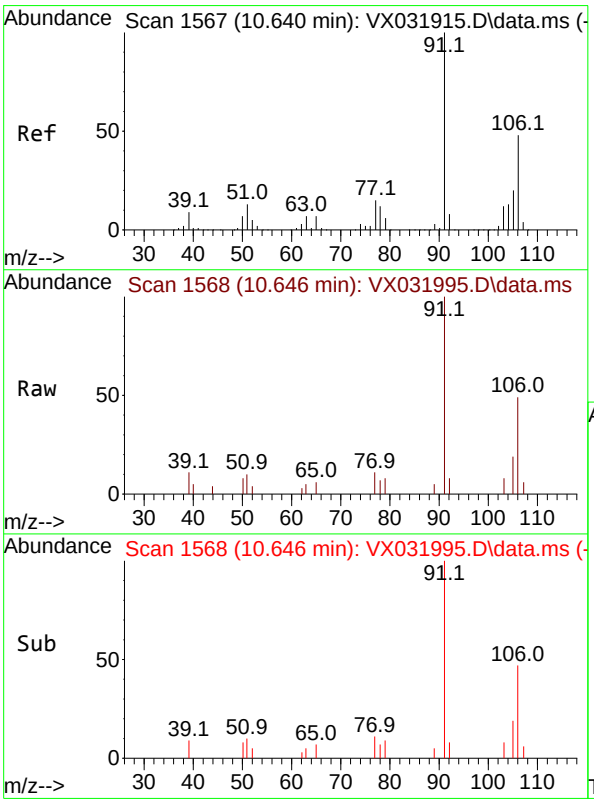
#68
m/p-Xylenes
Concen: 2.385 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion:106 Resp: 4773

Ion	Ratio	Lower	Upper
106	100		
91	189.0	161.0	241.4

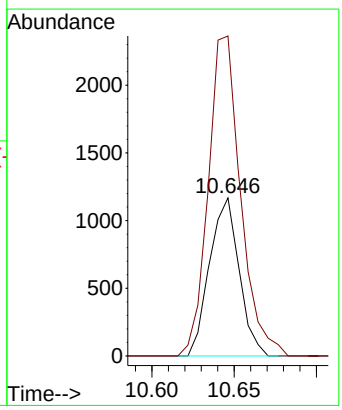


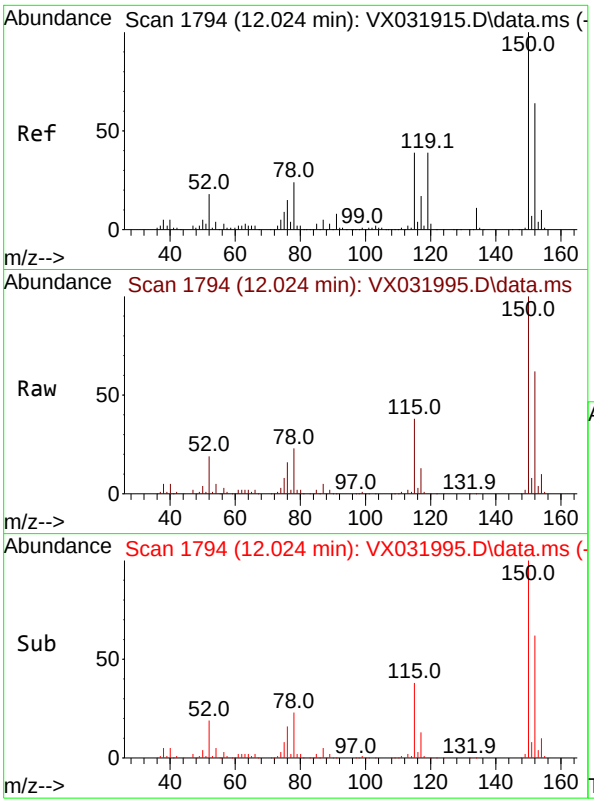


#69
o-Xylene
Concen: 0.749 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion:106 Resp: 1456

Ion	Ratio	Lower	Upper
106	100		
91	222.1	107.2	321.6



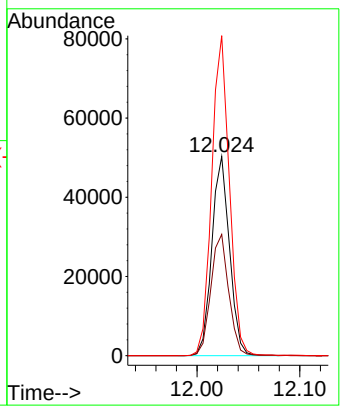


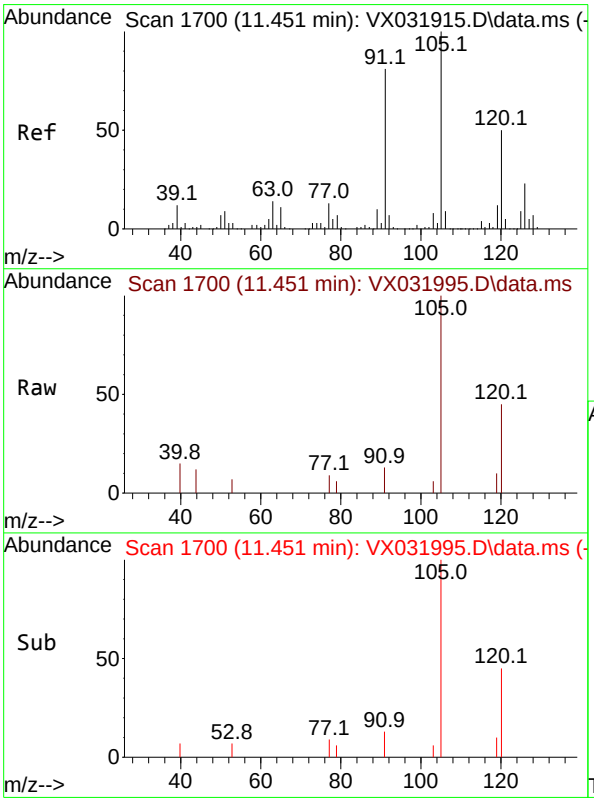
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion:152 Resp: 60110

Ion	Ratio	Lower	Upper
152	100		
115	62.0	43.4	130.1
150	160.7	0.0	346.8

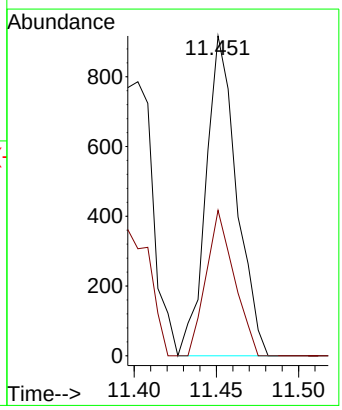


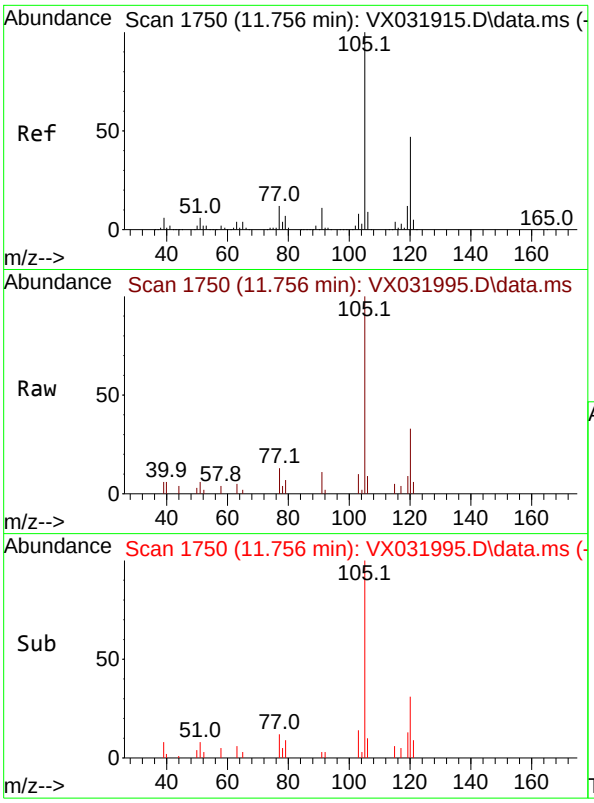


#80
1,3,5-Trimethylbenzene
Concen: 0.317 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Tgt Ion:105 Resp: 1193

Ion	Ratio	Lower	Upper
105	100		
120	41.4	24.5	73.5





#84
1,2,4-Trimethylbenzene
Concen: 0.917 ug/l
RT: 11.756 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031995.D
Acq: 08 Oct 2022 05:48

Instrument :
MSVOA_X
ClientSampleId :
TB-093022

Tgt Ion:105 Resp: 3502

Ion	Ratio	Lower	Upper
105	100		
120	40.5	22.6	67.8