Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
Data File : VX032221.D
Acq On : 19 Oct 2022 20:28
Operator : JC/MD
Sample : N5170-08 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Quant Time: Oct 20 04:31:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	140254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97875	53.643	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.280%			
35) Dibromofluoromethane	5.385	113	76564	48.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.960%			
50) Toluene-d8	8.647	98	281384	50.002	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	100668	48.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.700%			
Target Compounds						Qvalue
16) Acetone	2.386	43	6871	11.604	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	70970	16.452	ug/l	98
52) Toluene	8.720	92	2404	0.637	ug/l	84
67) Ethyl Benzene	10.195	91	3258	0.452	ug/l	93
68) m/p-Xylenes	10.305	106	4416	1.552	ug/l	92
69) o-Xylene	10.640	106	3058	1.122	ug/l	92
78) n-propylbenzene	11.305	91	2163	0.278	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2570	0.438	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	11756	2.059	ug/l	100

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Quant Time: Oct 20 04:31:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
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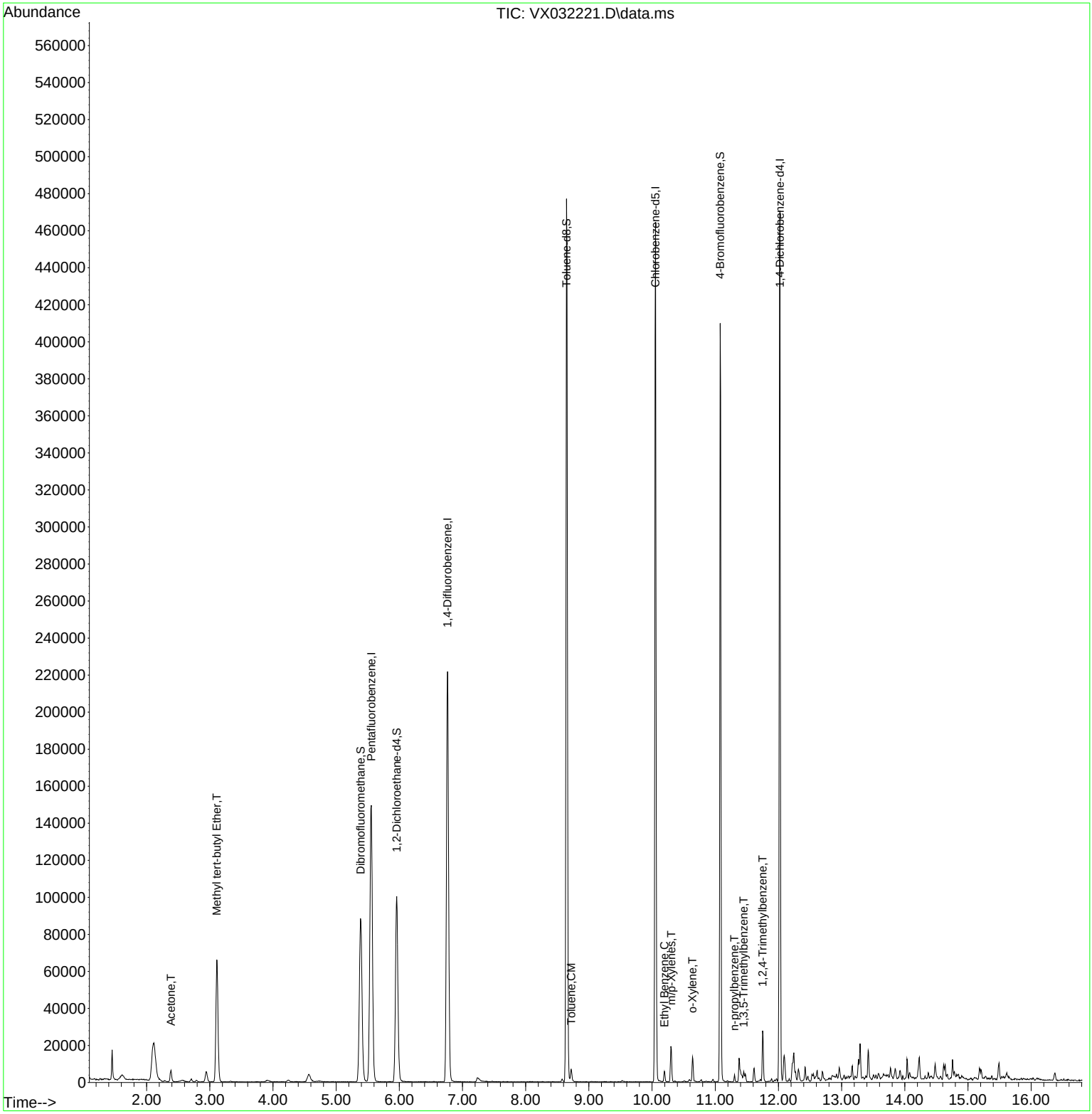
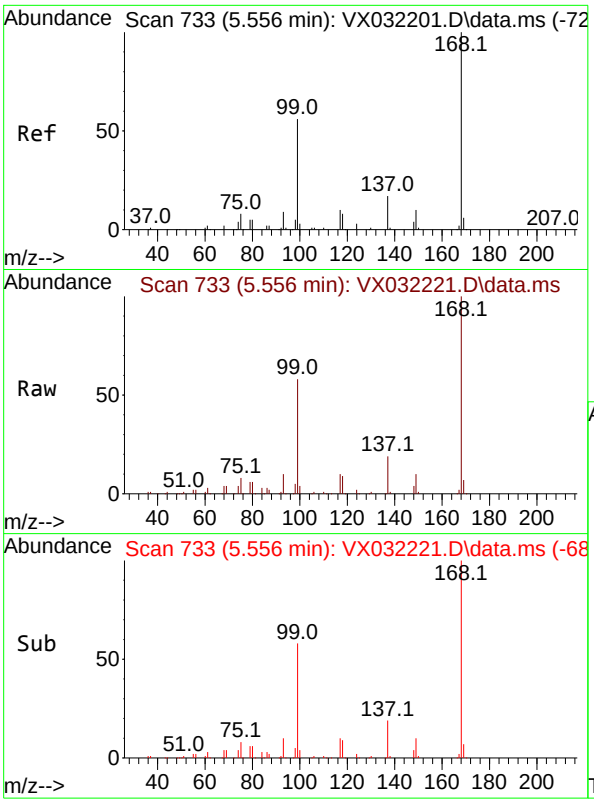


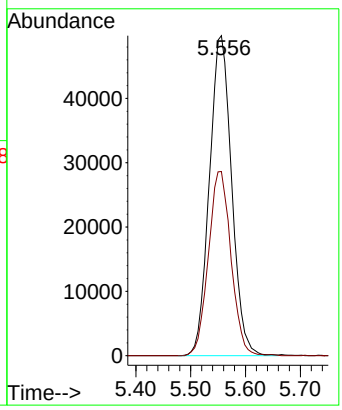


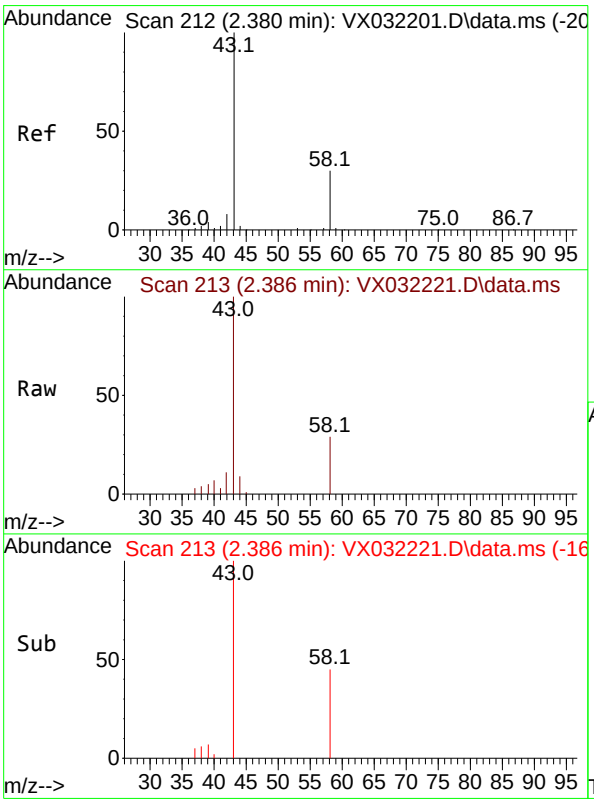
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion:168 Resp: 140254

Ion	Ratio	Lower	Upper
168	100		
99	57.6	44.8	67.2

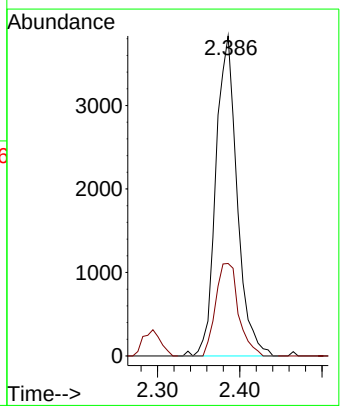


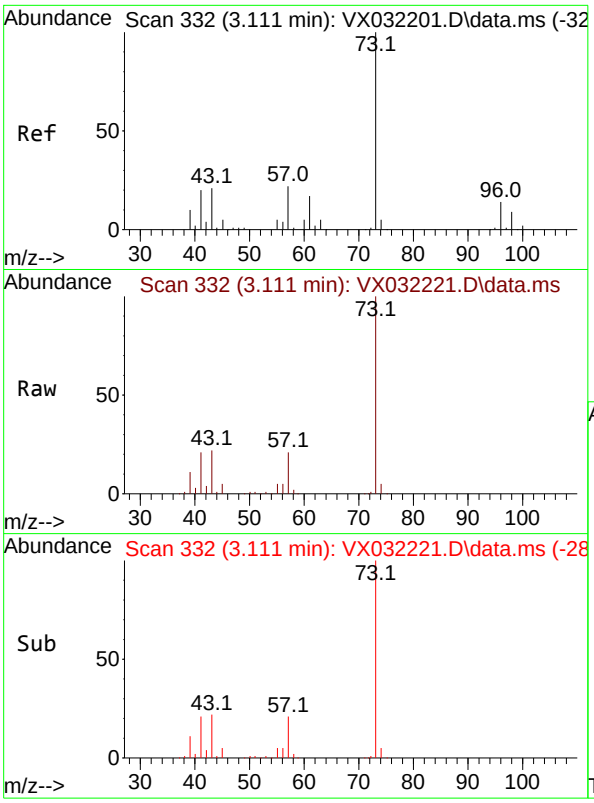


#16
Acetone
Concen: 11.604 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion: 43 Resp: 6871

Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.2



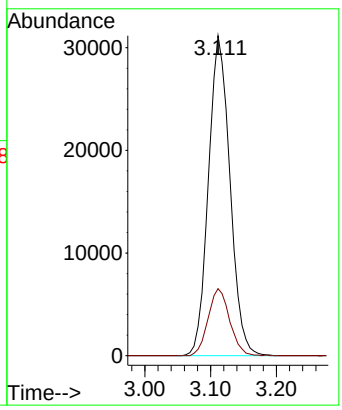


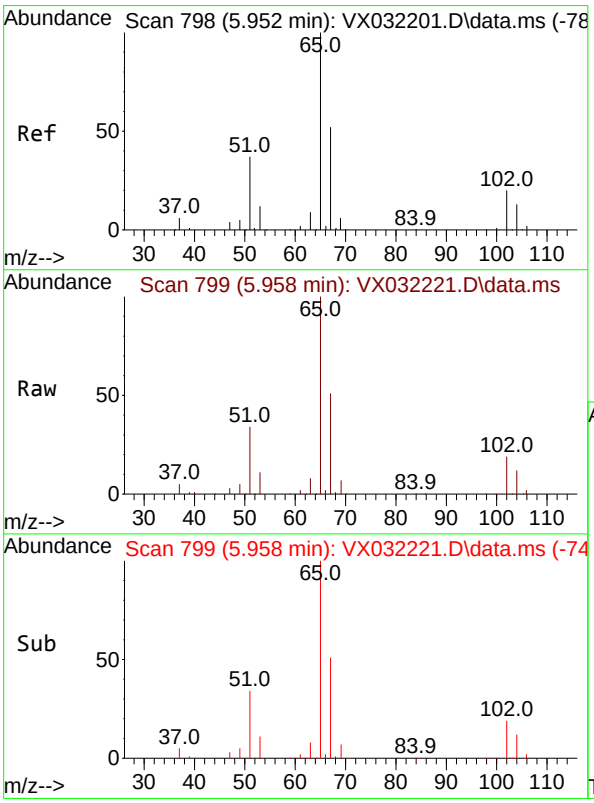
#19
Methyl tert-butyl Ether
Concen: 16.452 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion: 73 Resp: 70970

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

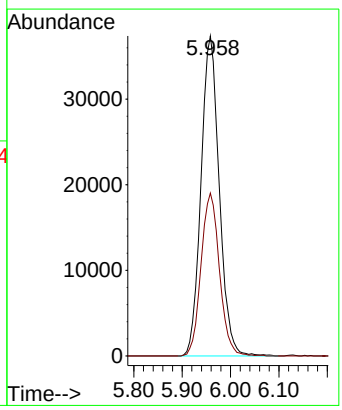


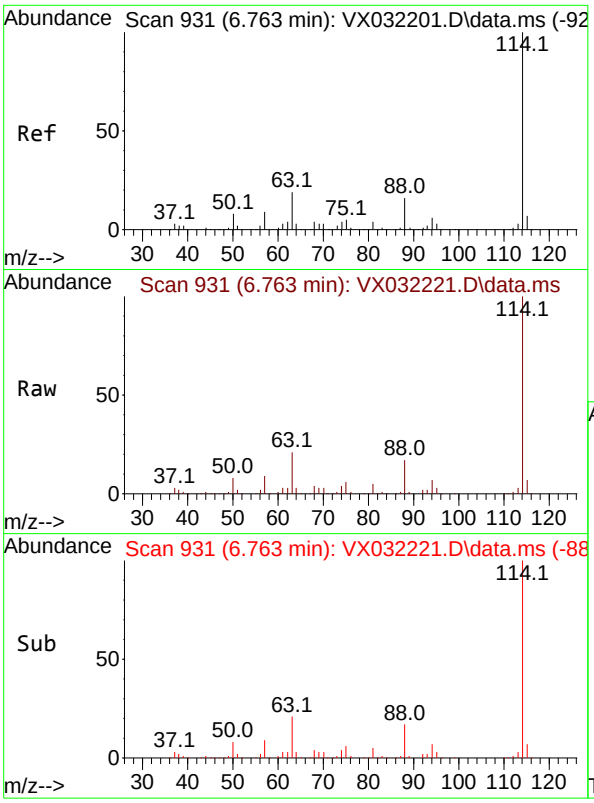


#33
1,2-Dichloroethane-d4
Concen: 53.643 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion: 65 Resp: 97875

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6



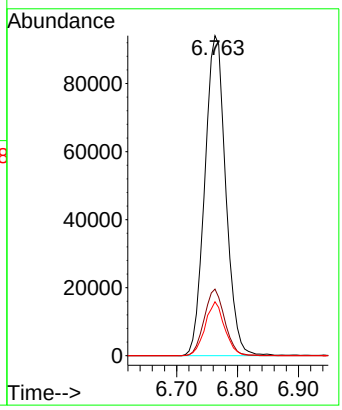


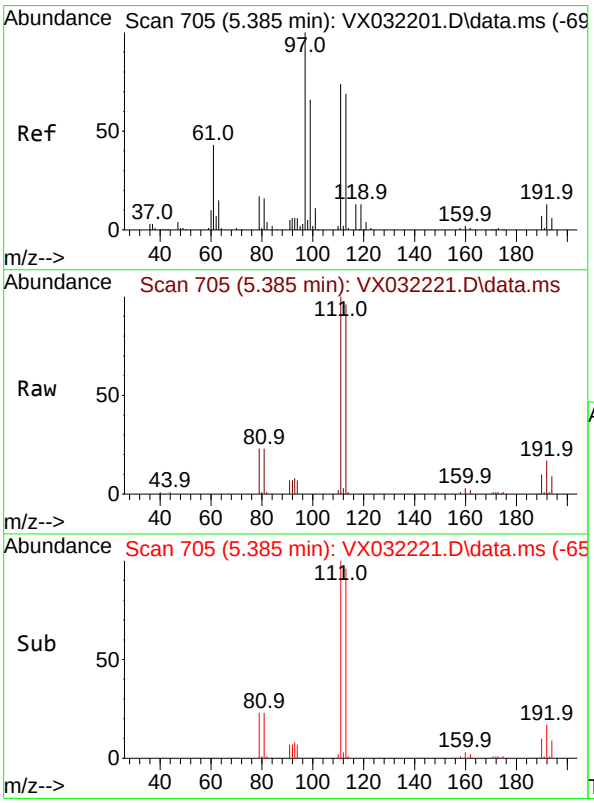
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion:114 Resp: 224659

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.6
88	16.9	0.0	32.6

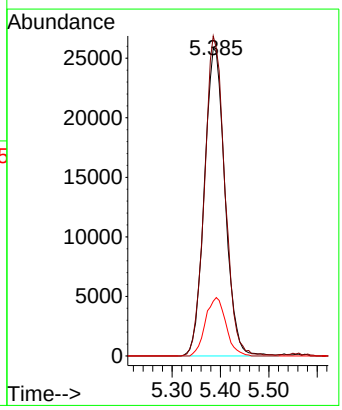


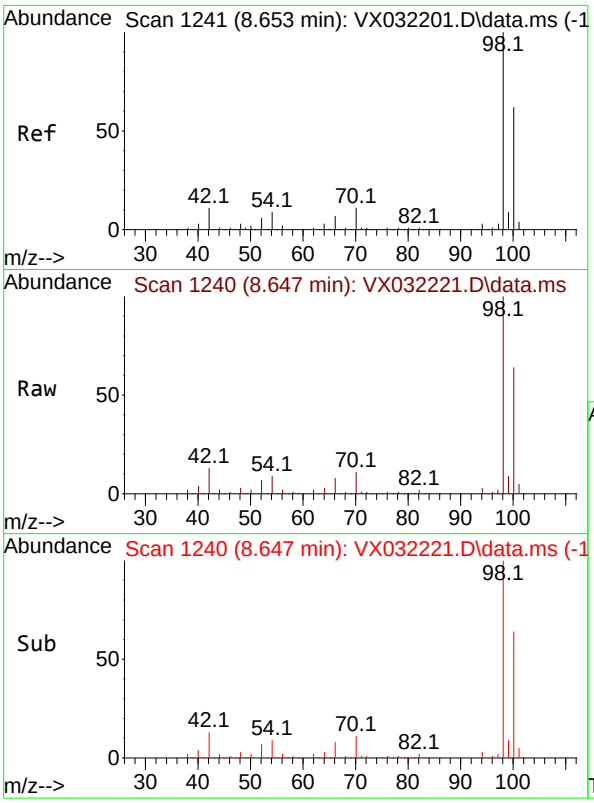


#35
Dibromofluoromethane
Concen: 48.975 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion:113 Resp: 76564

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.8	124.2
192	18.9	15.5	23.3



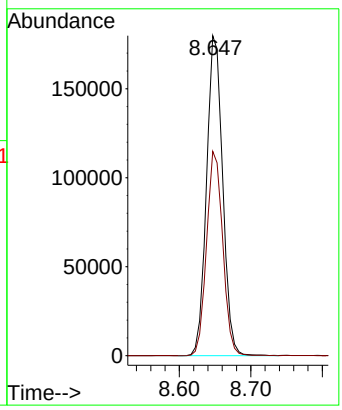


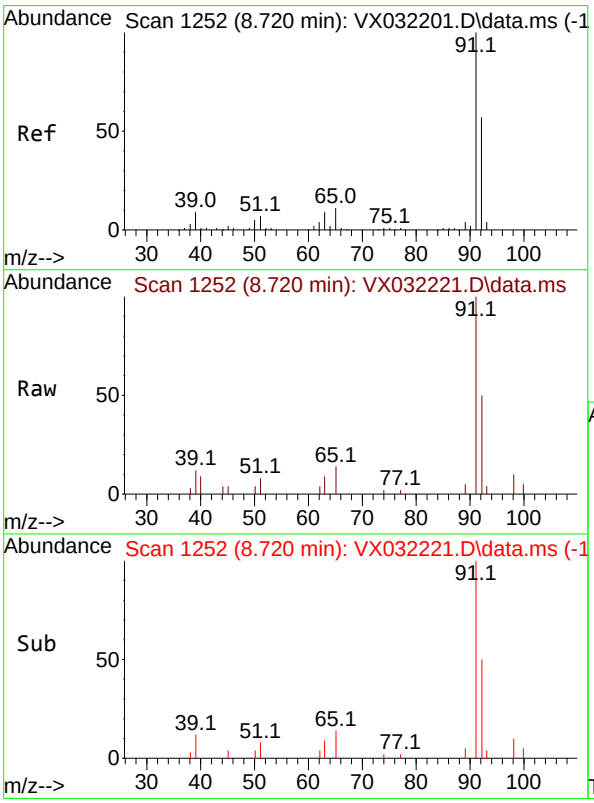
#50
Toluene-d8
Concen: 50.002 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion: 98 Resp: 281384

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1

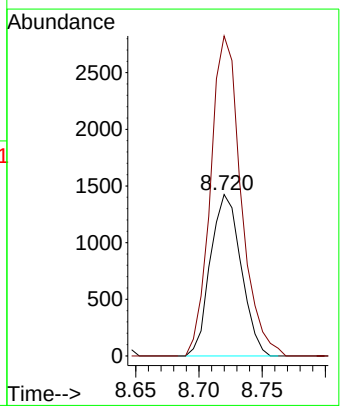


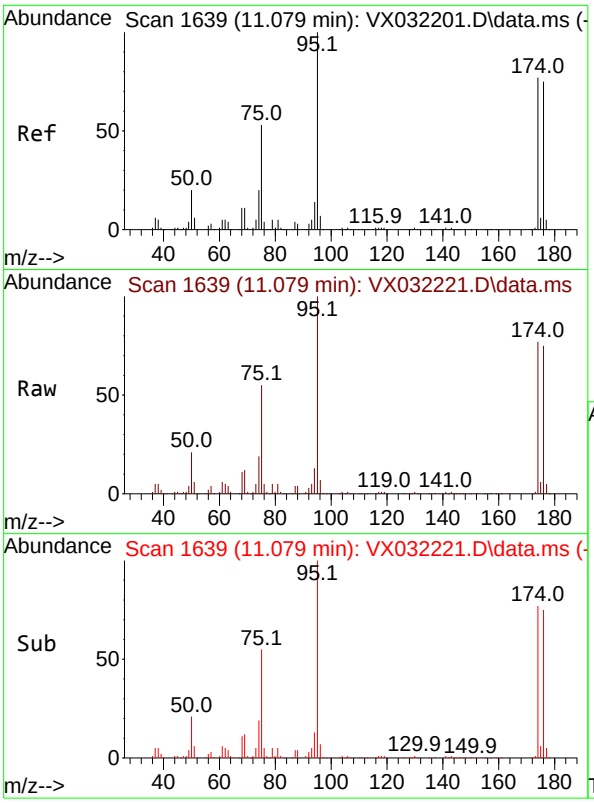


#52
Toluene
Concen: 0.637 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion: 92 Resp: 2404

Ion	Ratio	Lower	Upper
92	100		
91	197.3	140.3	210.5



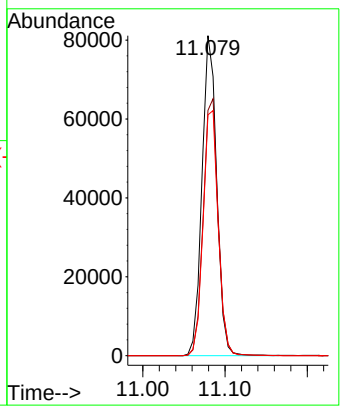


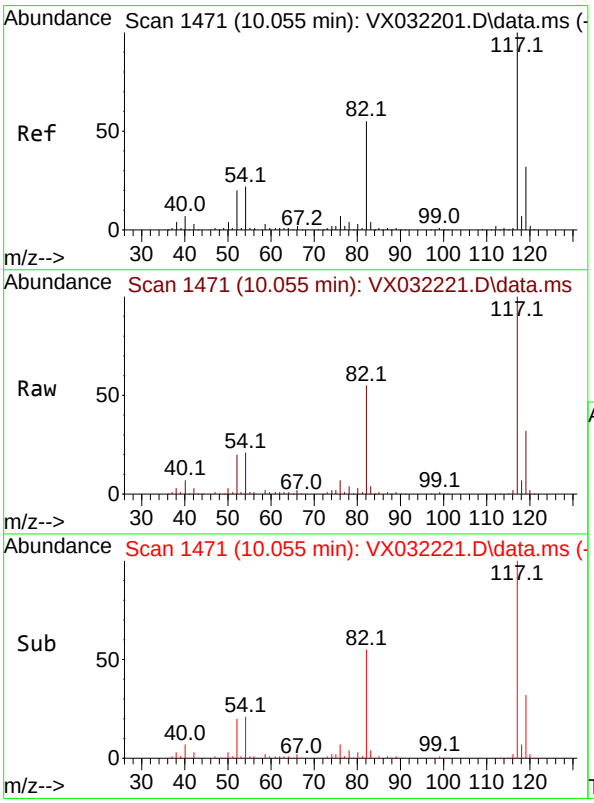
#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion: 95 Resp: 100668

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	166.8
176	79.0	0.0	161.4

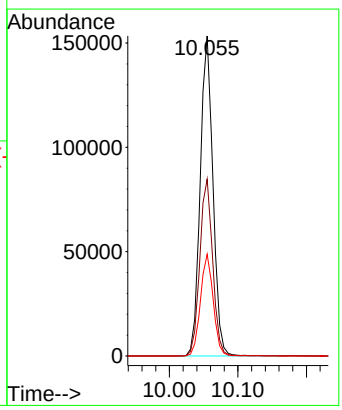


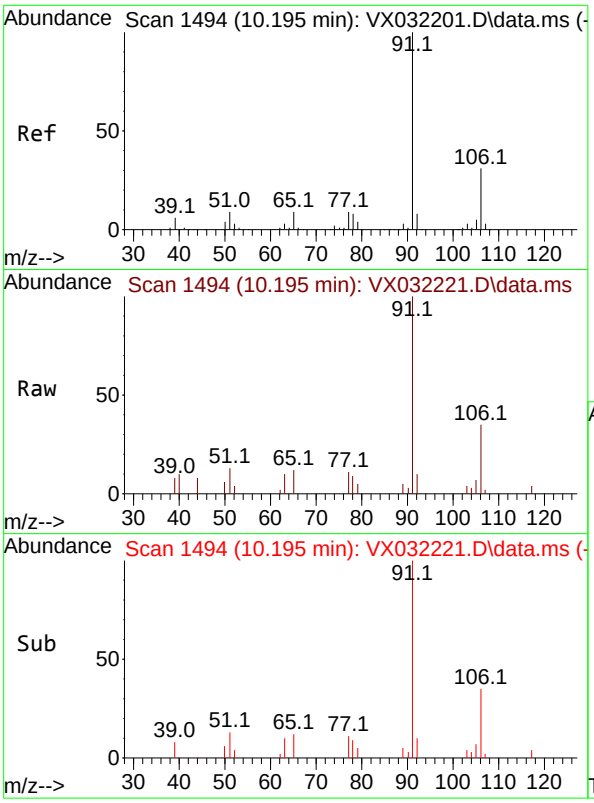


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion:117 Resp: 198508

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.4
119	31.8	25.8	38.8



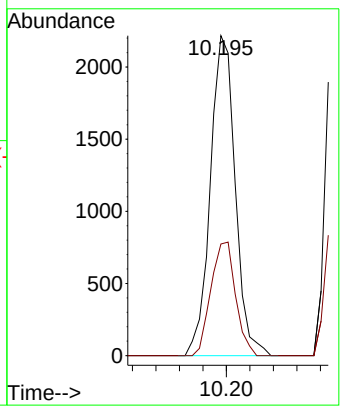


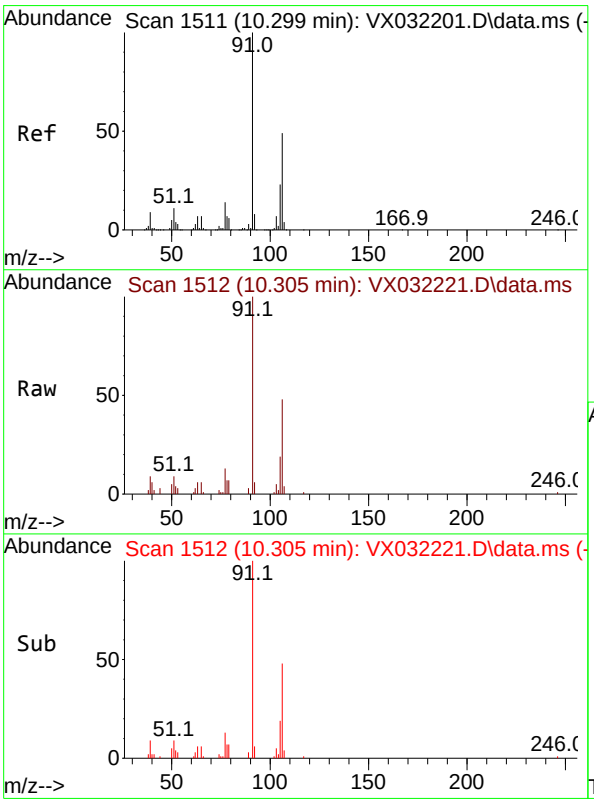
#67
Ethyl Benzene
Concen: 0.452 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion: 91 Resp: 3258

Ion	Ratio	Lower	Upper
91	100		
106	34.9	25.0	37.4

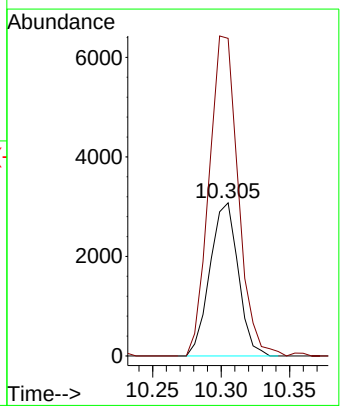


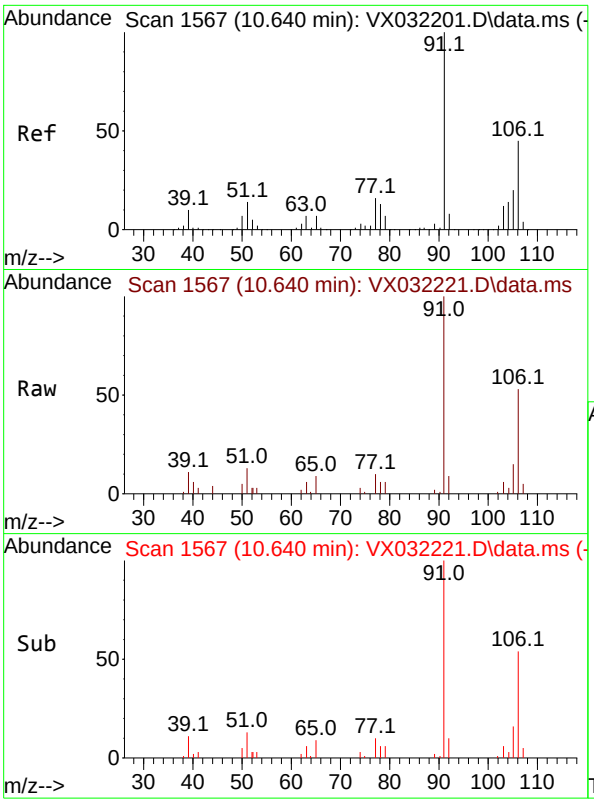


#68
m/p-Xylenes
Concen: 1.552 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion:106 Resp: 4416

Ion	Ratio	Lower	Upper
106	100		
91	215.2	162.6	244.0



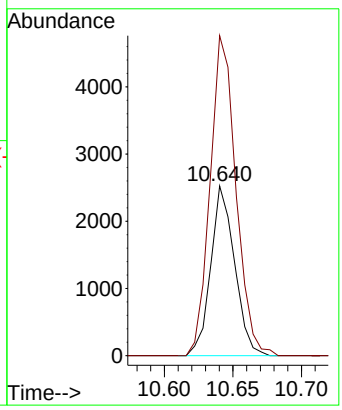


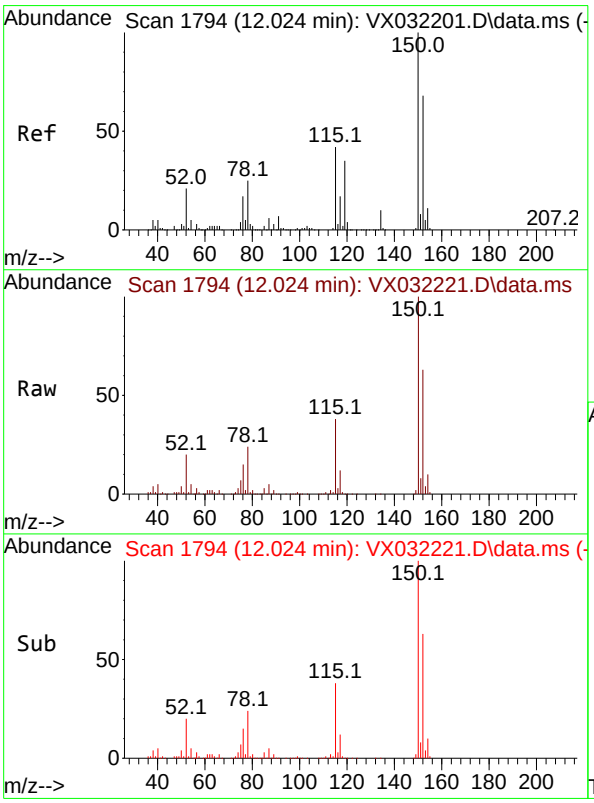
#69
o-Xylene
Concen: 1.122 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion:106 Resp: 3058

Ion	Ratio	Lower	Upper
106	100		
91	204.4	108.3	324.9

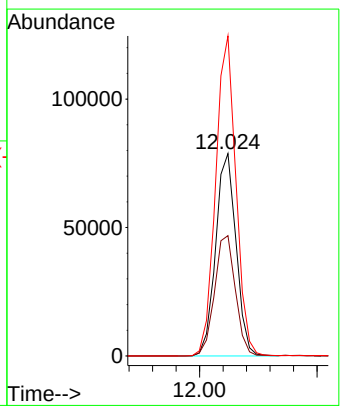


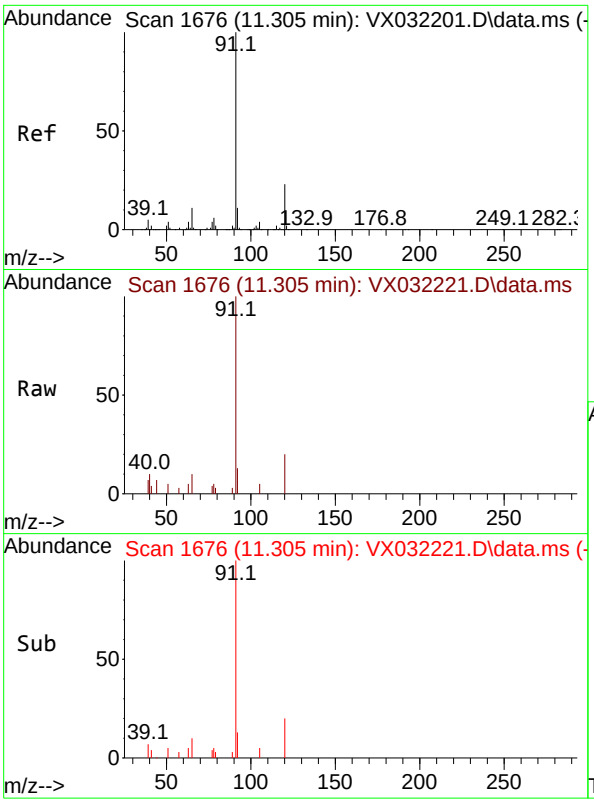


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion:152 Resp: 95297

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.1	129.4
150	156.9	0.0	348.6



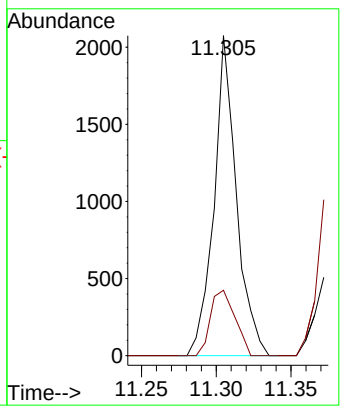


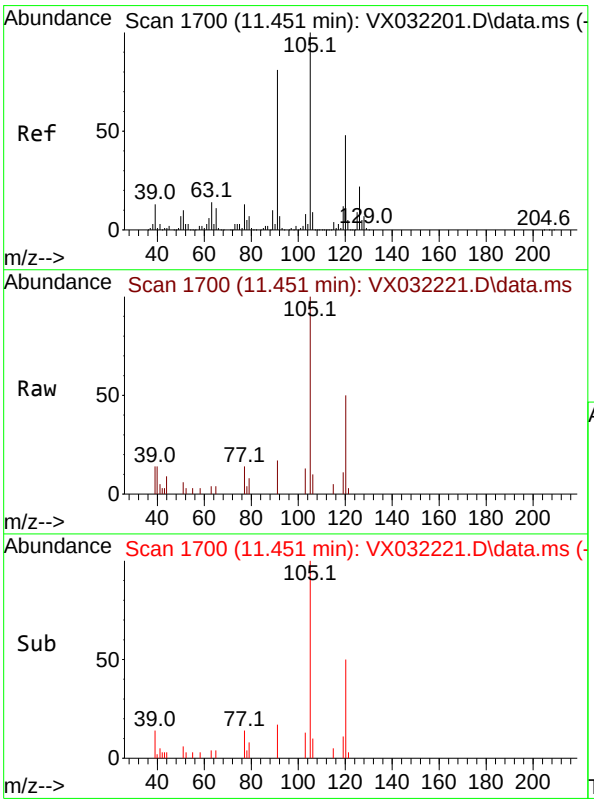
#78
n-propylbenzene
Concen: 0.278 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion: 91 Resp: 2163

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.6	34.8

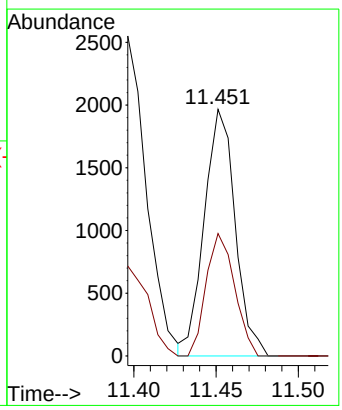


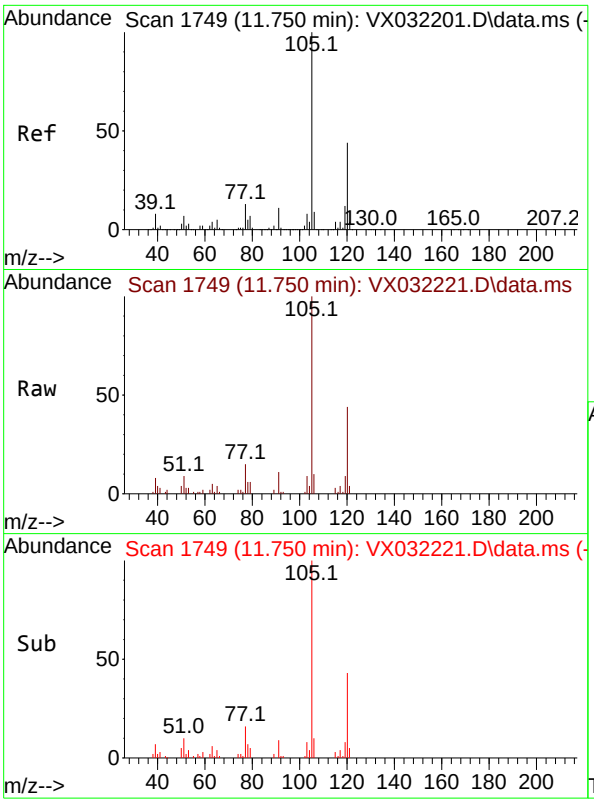


#80
1,3,5-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Tgt Ion:105 Resp: 2570

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.5	70.6





#84
1,2,4-Trimethylbenzene
Concen: 2.059 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032221.D
Acq: 19 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
TRE-1666

Tgt Ion:105 Resp: 11756

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1