Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
Data File : VX032218.D
Acq On : 19 Oct 2022 19:18
Operator : JC/MD
Sample : N5170-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Quant Time: Oct 20 04:30:09 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	140214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98184	53.828	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.660%			
35) Dibromofluoromethane	5.391	113	76404	49.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.560%			
50) Toluene-d8	8.647	98	283212	50.742	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.079	95	103303	50.544	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.080%			
Target Compounds						Qvalue
16) Acetone	2.380	43	7097	11.989	ug/l	98
18) Methyl Acetate	2.703	43	1709	0.850	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	23772	5.512	ug/l	97
52) Toluene	8.720	92	1393	0.372	ug/l	95
67) Ethyl Benzene	10.195	91	2165	0.301	ug/l	91
68) m/p-Xylenes	10.299	106	2623	0.923	ug/l	97
69) o-Xylene	10.640	106	1767	0.649	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	1938	0.330	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	8107	1.419	ug/l	97

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

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Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Quant Time: Oct 20 04:30:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
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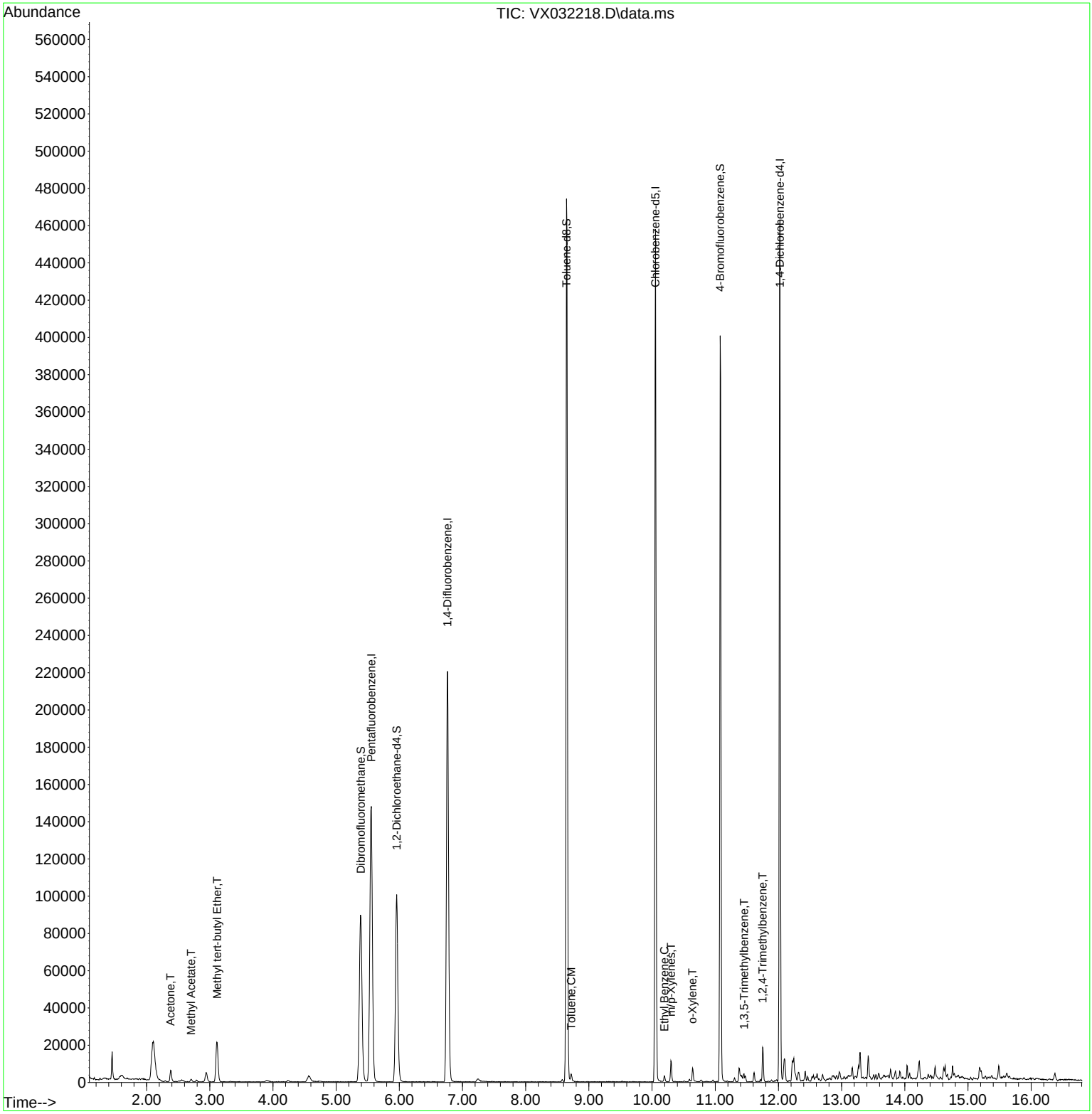
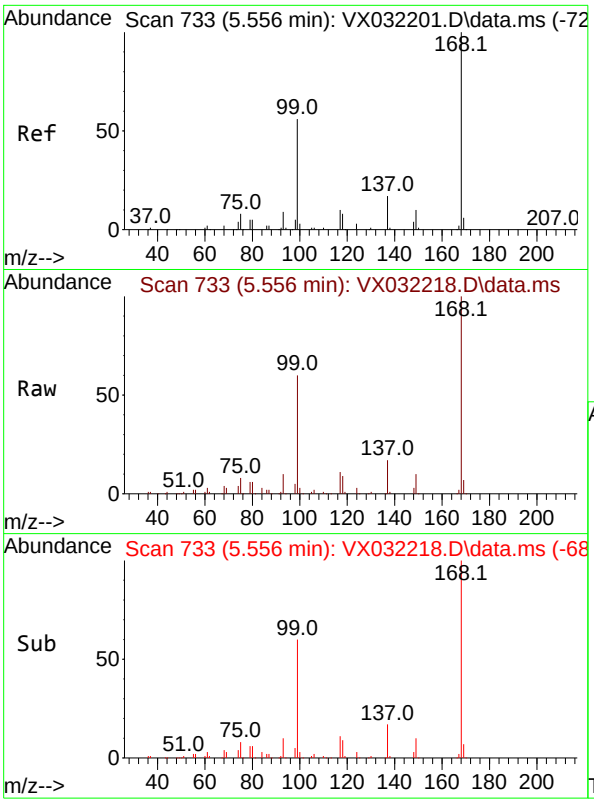
Response via : Initial Calibration



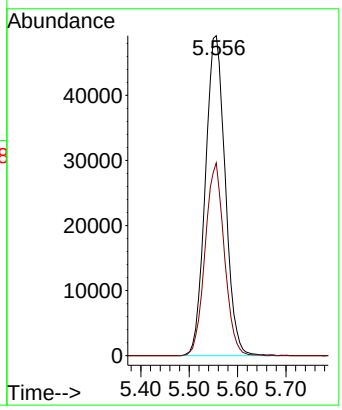


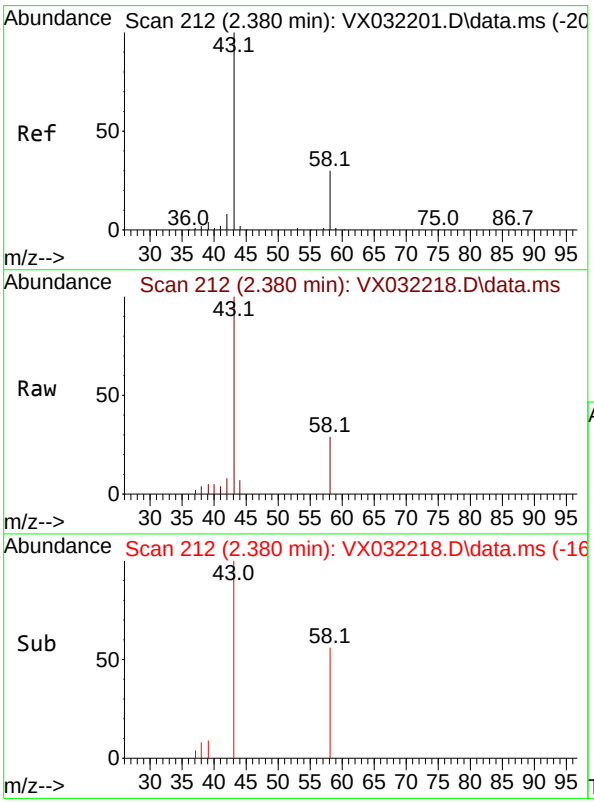
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion:168 Resp: 140214

Ion	Ratio	Lower	Upper
168	100		
99	60.3	44.8	67.2

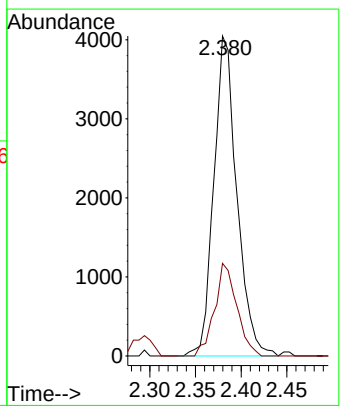


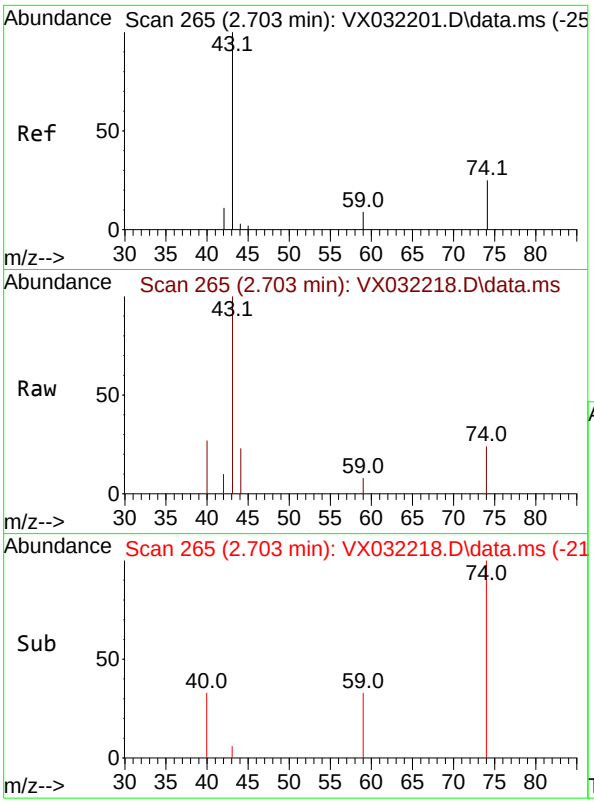


#16
Acetone
Concen: 11.989 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion: 43 Resp: 7097

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.2



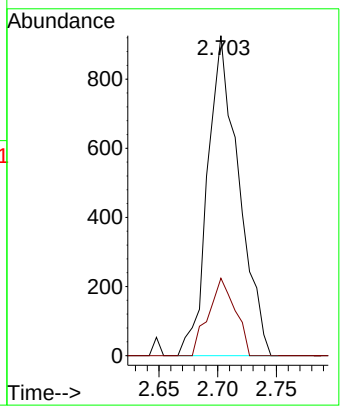


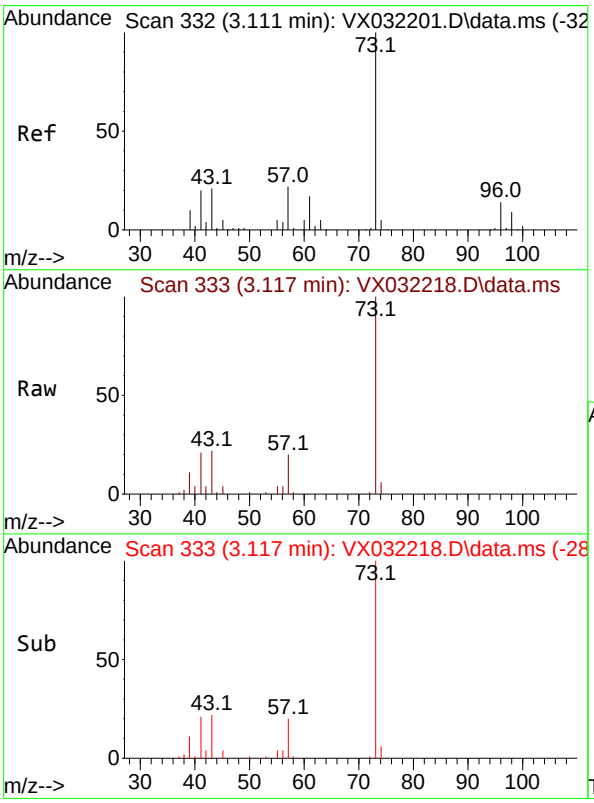
#18
Methyl Acetate
Concen: 0.850 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion: 43 Resp: 1709

Ion	Ratio	Lower	Upper
43	100		
74	20.8	19.8	29.8

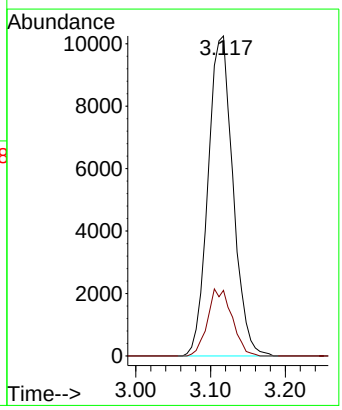


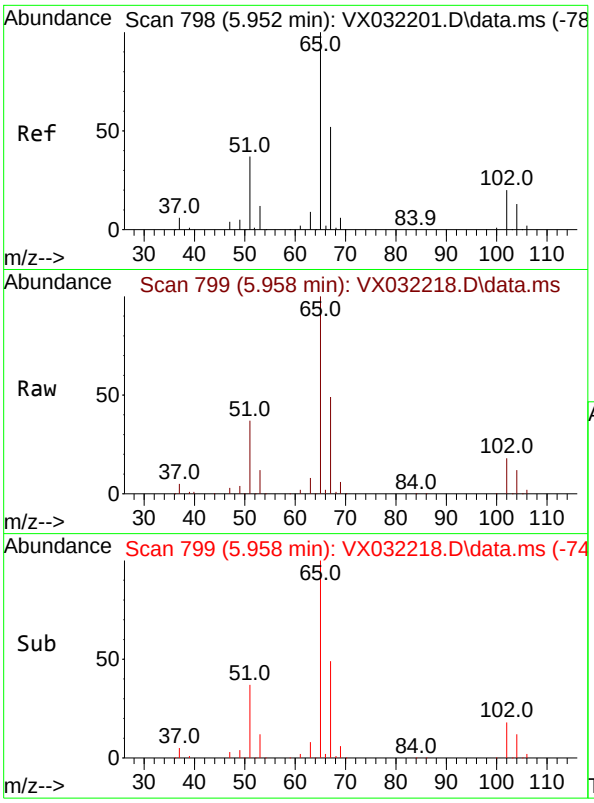


#19
Methyl tert-butyl Ether
Concen: 5.512 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion: 73 Resp: 23772

Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.4	26.2



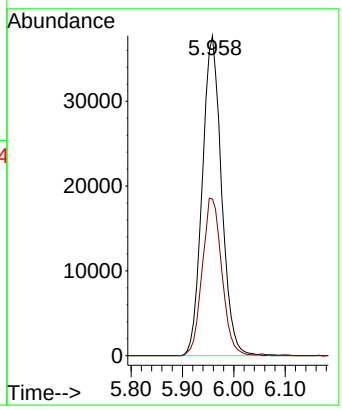


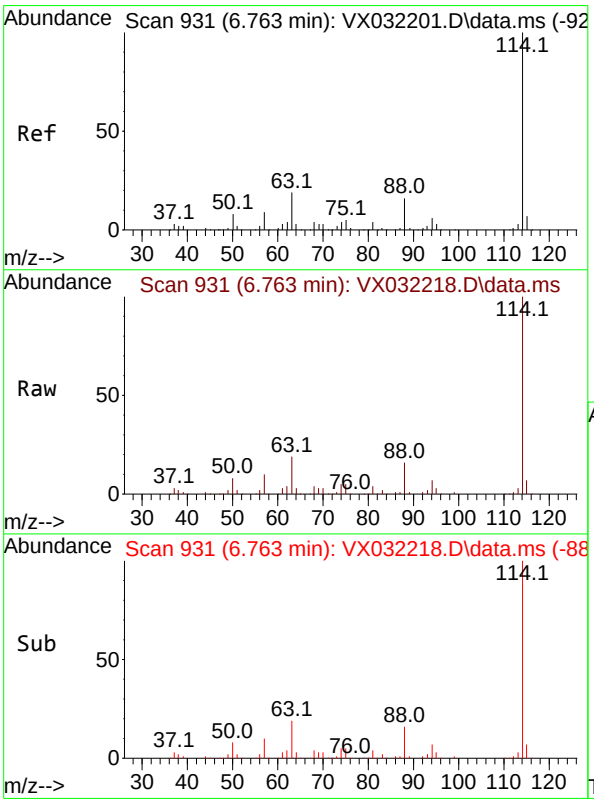
#33
1,2-Dichloroethane-d4
Concen: 53.828 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion: 65 Resp: 98184

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	103.6

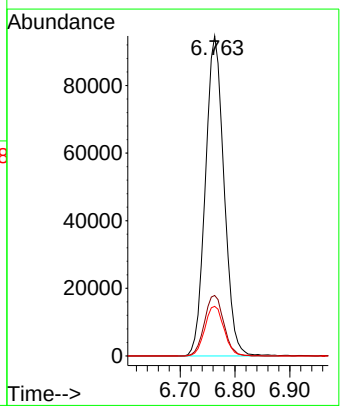


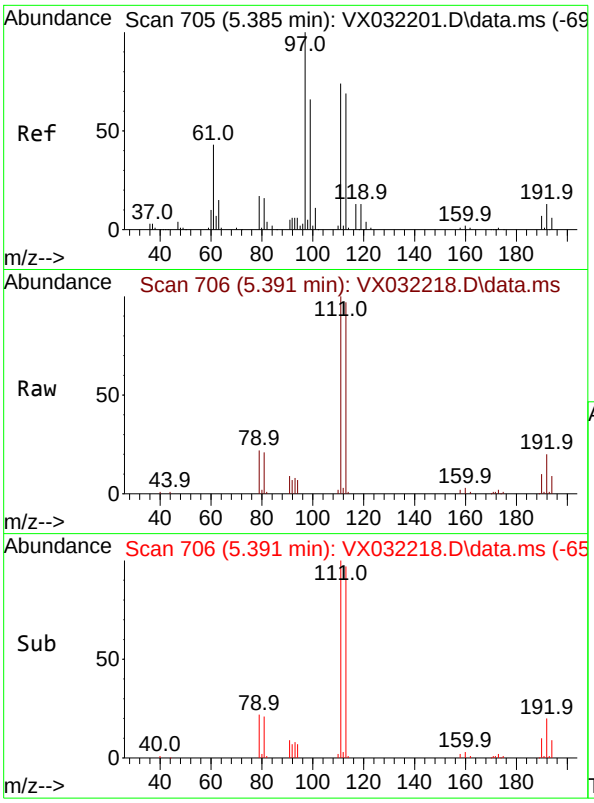


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion:114 Resp: 222818

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.6
88	15.5	0.0	32.6



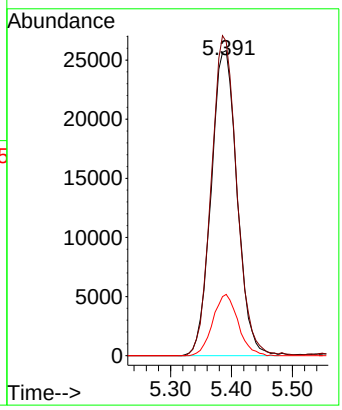


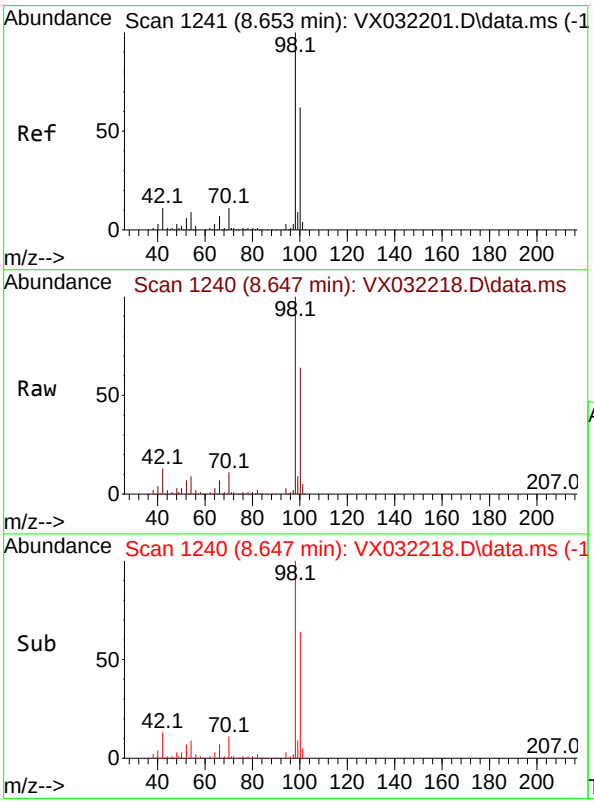
#35
Dibromofluoromethane
Concen: 49.276 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion:113 Resp: 76404

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	19.6	15.5	23.3

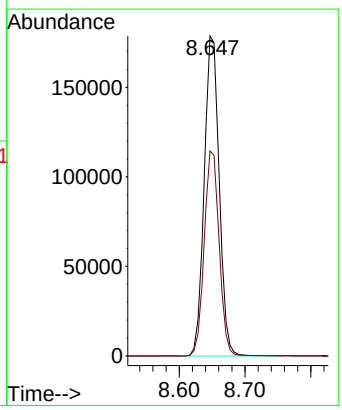


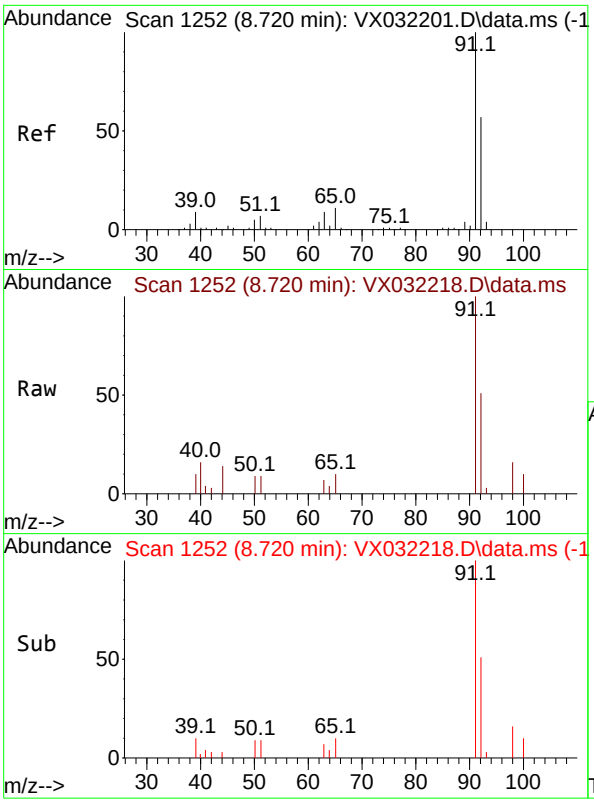


#50
Toluene-d8
Concen: 50.742 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion: 98 Resp: 283212

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1



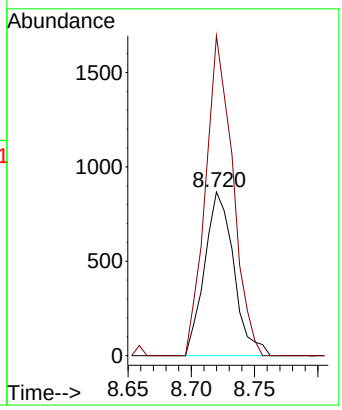


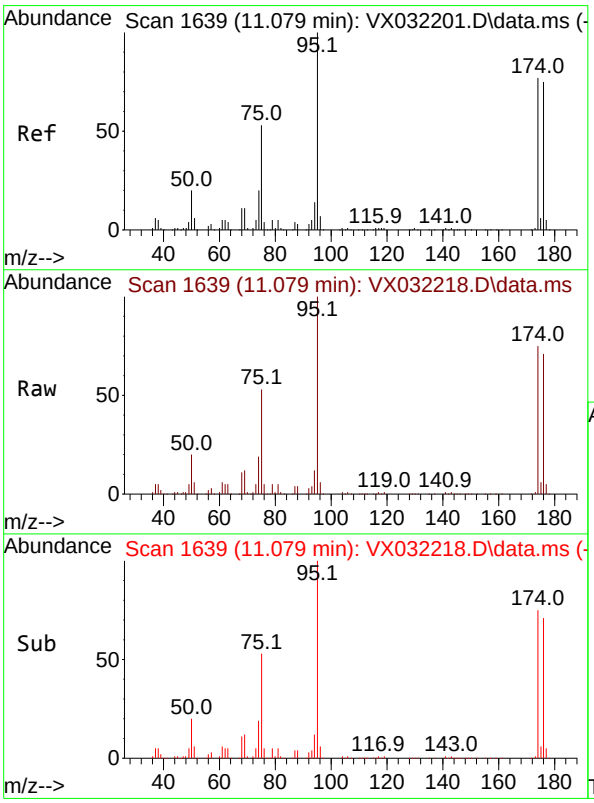
#52
Toluene
Concen: 0.372 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion: 92 Resp: 1393

Ion	Ratio	Lower	Upper
92	100		
91	182.1	140.3	210.5

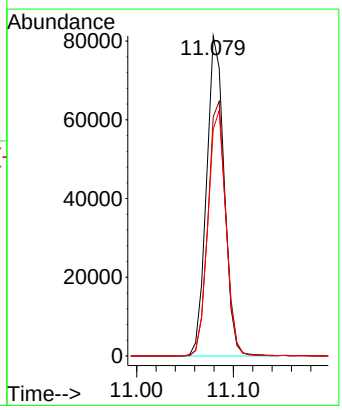


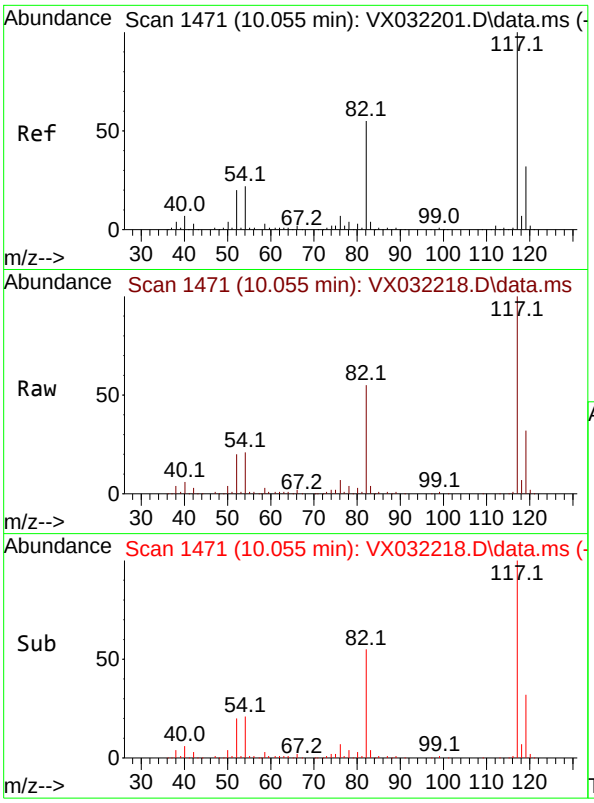


#62
4-Bromofluorobenzene
Concen: 50.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion: 95 Resp: 103303

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	166.8
176	78.2	0.0	161.4



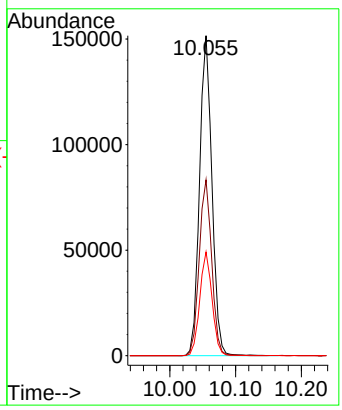


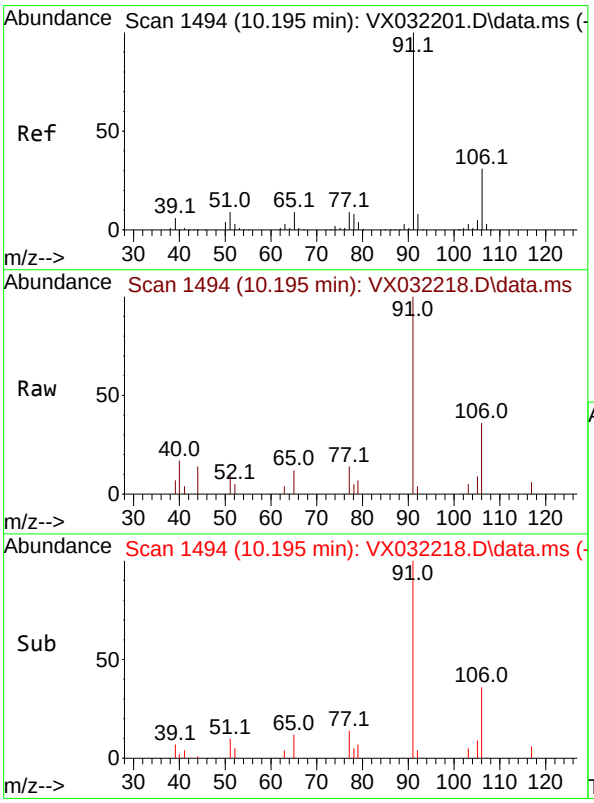
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion:117 Resp: 198250

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.4
119	32.4	25.8	38.8

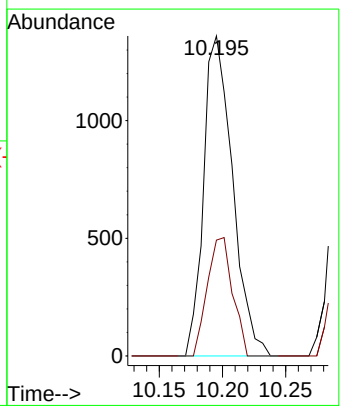


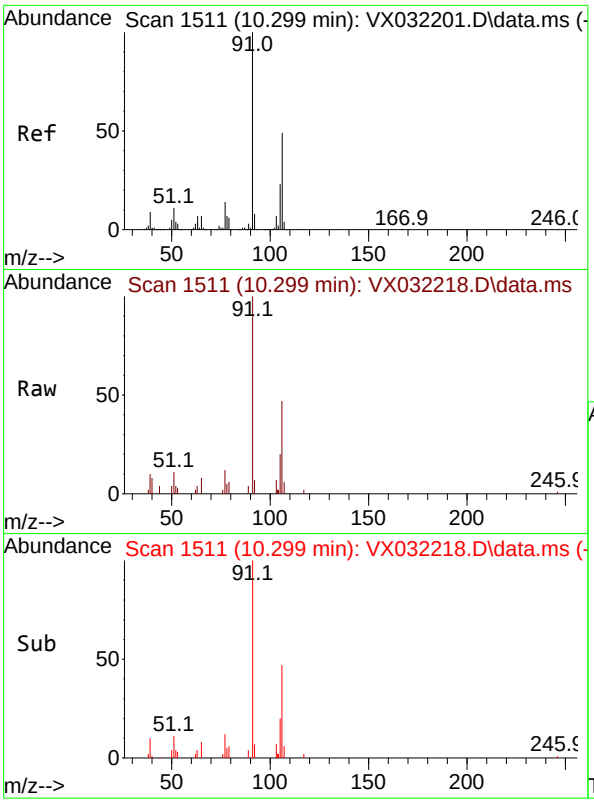


#67
Ethyl Benzene
Concen: 0.301 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion: 91 Resp: 2165

Ion	Ratio	Lower	Upper
91	100		
106	36.2	25.0	37.4



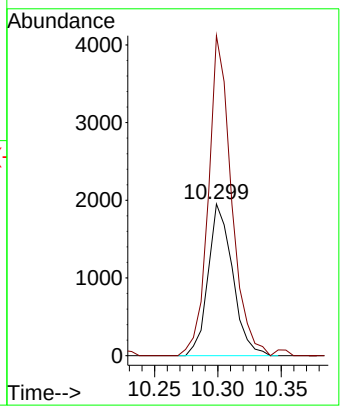


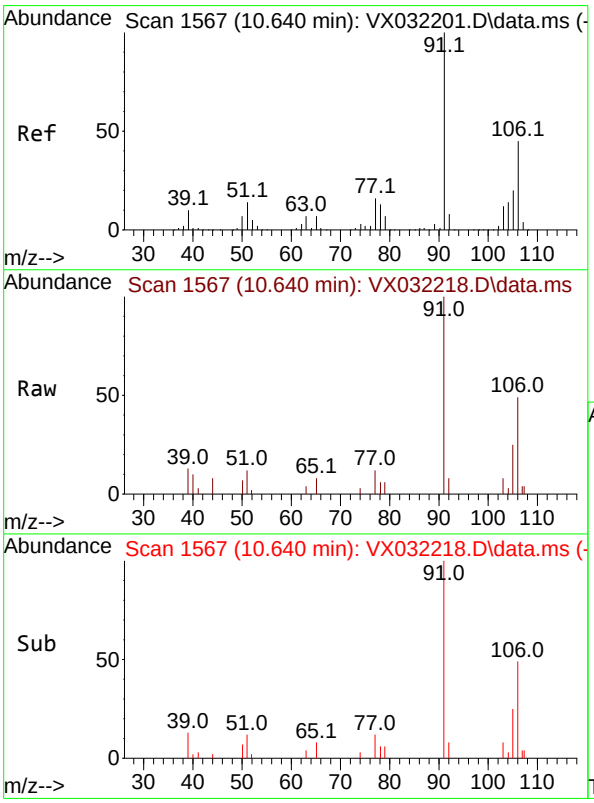
#68
m/p-Xylenes
Concen: 0.923 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion:106 Resp: 2623

Ion	Ratio	Lower	Upper
106	100		
91	199.0	162.6	244.0

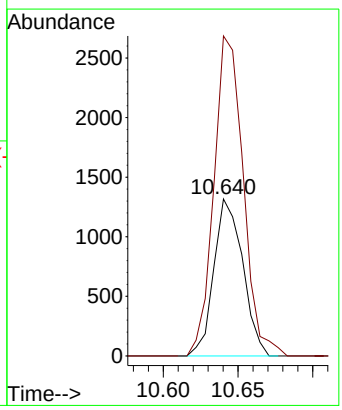


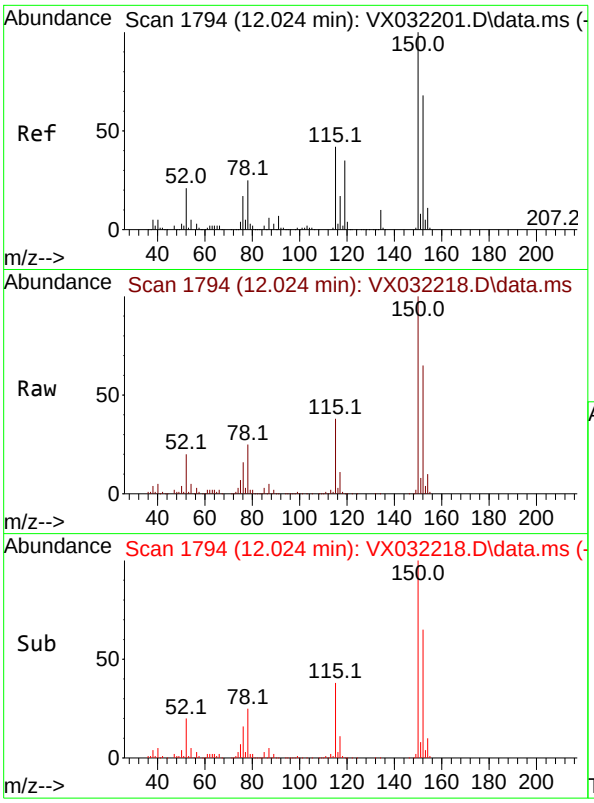


#69
o-Xylene
Concen: 0.649 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion:106 Resp: 1767

Ion	Ratio	Lower	Upper
106	100		
91	207.9	108.3	324.9



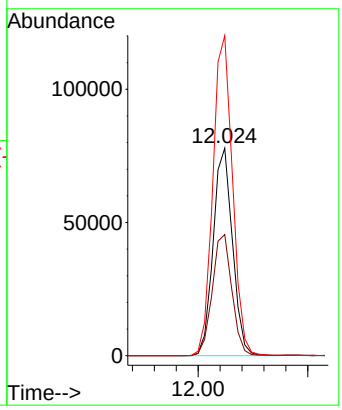


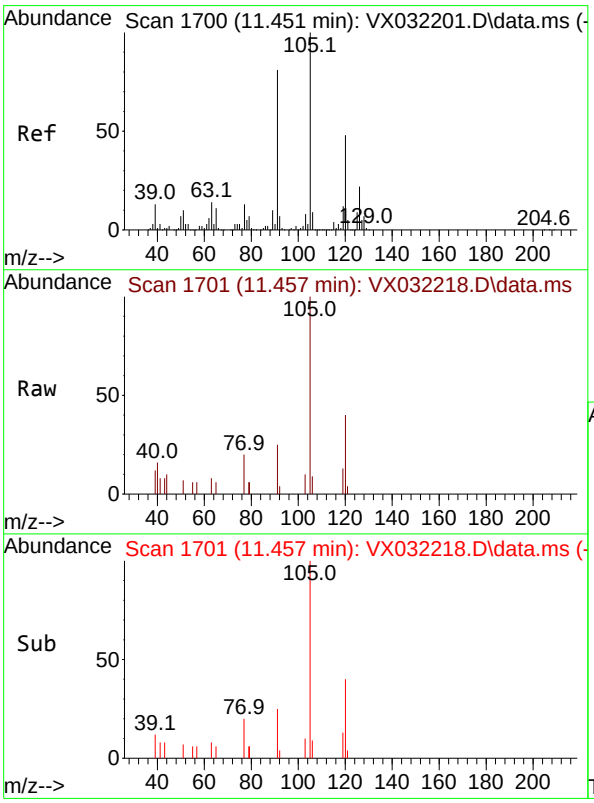
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion:152 Resp: 95366

Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.1	129.4
150	156.9	0.0	348.6

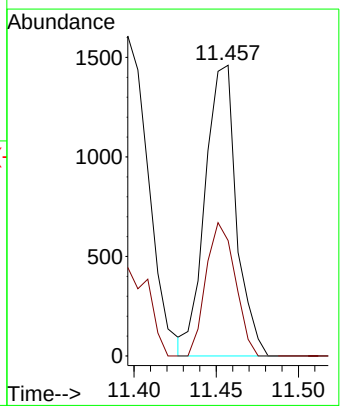


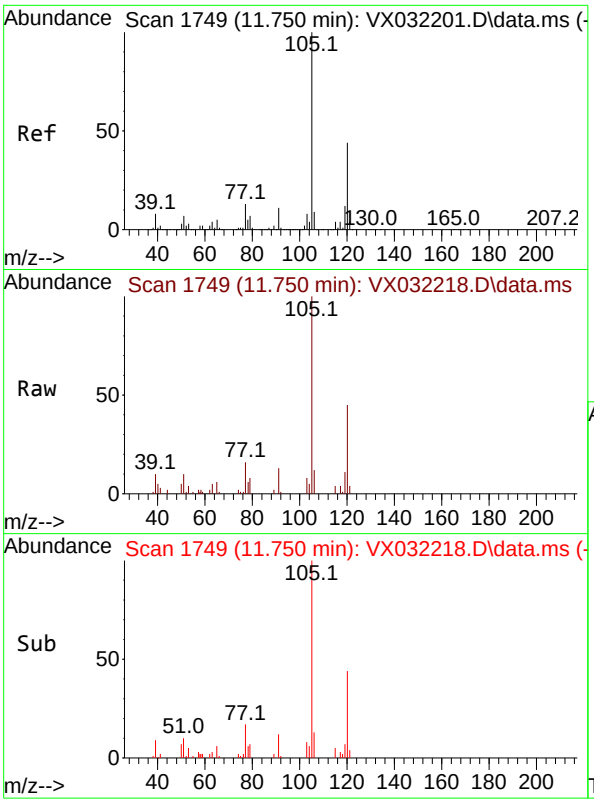


#80
1,3,5-Trimethylbenzene
Concen: 0.330 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Tgt Ion:105 Resp: 1938

Ion	Ratio	Lower	Upper
105	100		
120	42.8	23.5	70.6





#84
1,2,4-Trimethylbenzene
Concen: 1.419 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032218.D
Acq: 19 Oct 2022 19:18

Instrument :
MSVOA_X
ClientSampleId :
TRE-1663

Tgt Ion:105 Resp: 8107

Ion	Ratio	Lower	Upper
105	100		
120	42.0	22.1	66.1