Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
Data File : VX042763.D
Acq On : 31 Jul 2024 11:20
Operator : JC/MD
Sample : P3378-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AX7

Quant Time: Aug 01 02:16:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM072624WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 01:44:51 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	108808	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	110369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	58938	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	23545	35.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.240%			
7) Chloroethane-d5	1.642	69	14915	54.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.500%			
11) 1,1-Dichloroethene-d2	2.294	65	13507	41.470	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.940%			
21) 2-Butanone-d5	4.471	46	43858	89.517	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.520%			
24) Chloroform-d	5.056	84	67026	46.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.640%			
26) 1,2-Dichloroethane-d4	5.958	65	45607	48.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.720%			
32) Benzene-d6	5.970	84	132752	43.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.680%			
36) 1,2-Dichloropropane-d6	7.305	67	39525	43.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.200%			
41) Toluene-d8	8.647	98	135795	49.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.880%			
43) trans-1,3-Dichloroprop...	8.951	79	19358	45.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.260%			
47) 2-Hexanone-d5	9.390	63	45386	111.975	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.980%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	67869	51.996	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.000%			
66) 1,2-Dichlorobenzene-d4	12.323	152	55257	49.609	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.220%			
Target Compounds						Qvalue
33) Benzene	6.037	78	457340	135.402	ug/L	100
42) Toluene	8.720	91	194067	55.785	ug/L	97
52) Ethylbenzene	10.195	91	771328	202.148	ug/L	99
53) m,p-Xylene	10.299	106	212797	148.040	ug/L	96
54) o-Xylene	10.640	106	104273	72.922	ug/L	100
60) Isopropylbenzene	10.963	105	125751	28.237	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	81454	21.992	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	239696	65.542	ug/L	99

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

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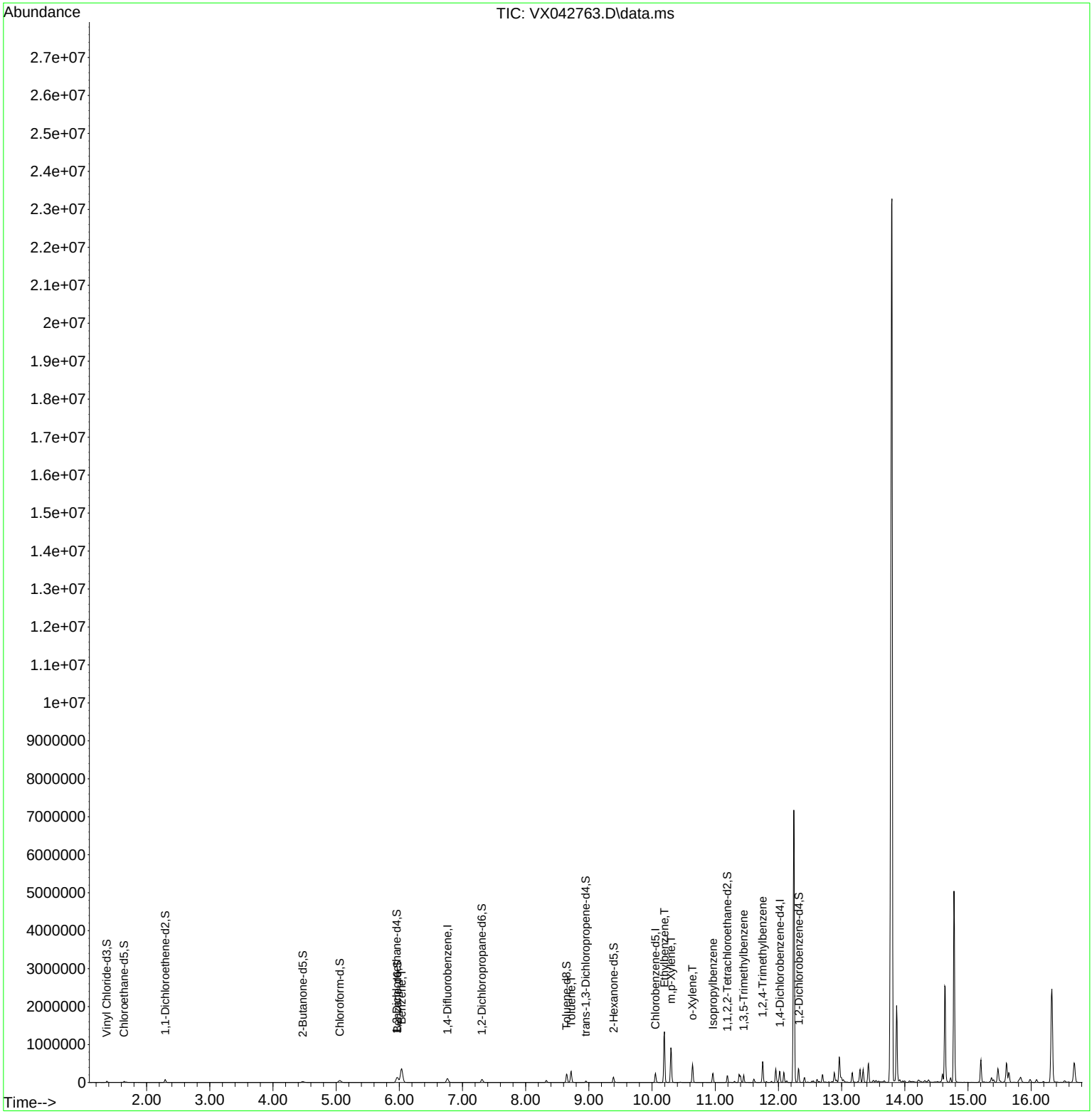
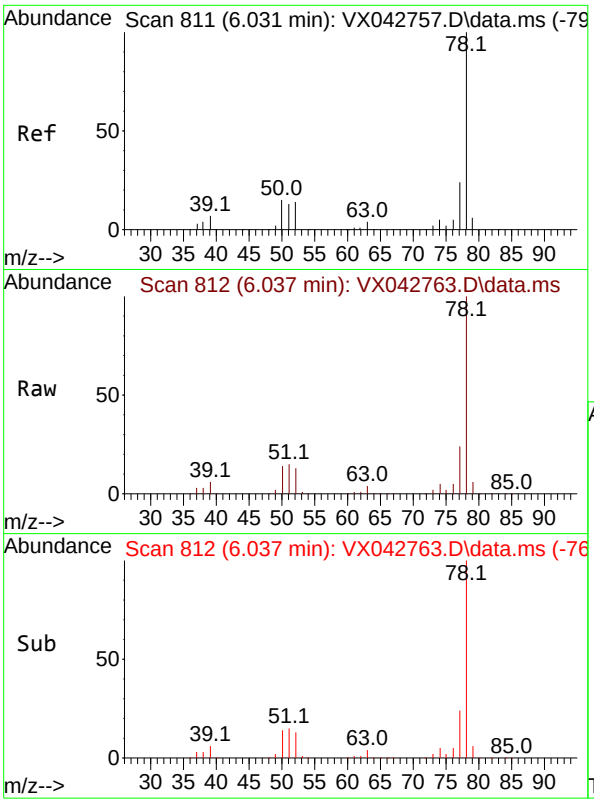
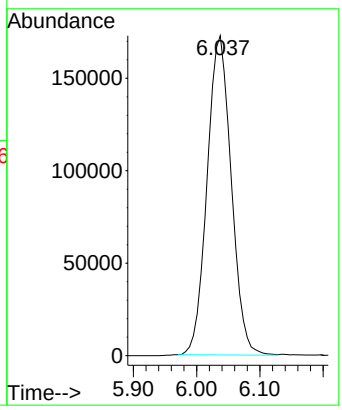


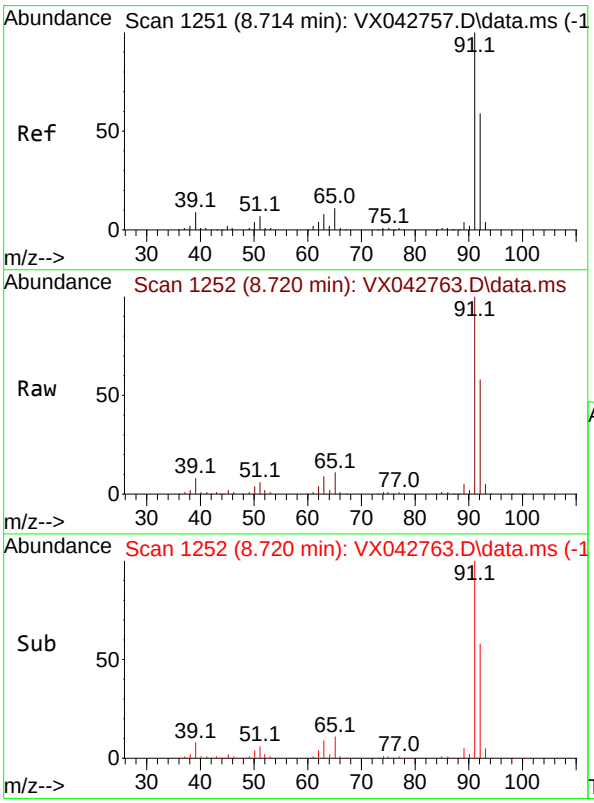


#33
Benzene
Concen: 135.402 ug/L
RT: 6.037 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
C0AX7

Tgt Ion: 78 Resp: 457340

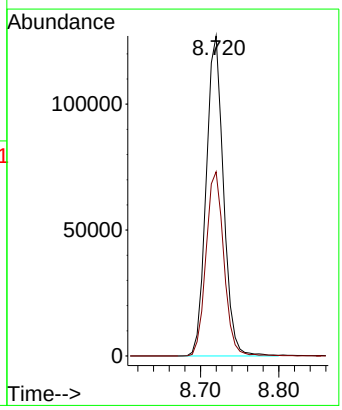


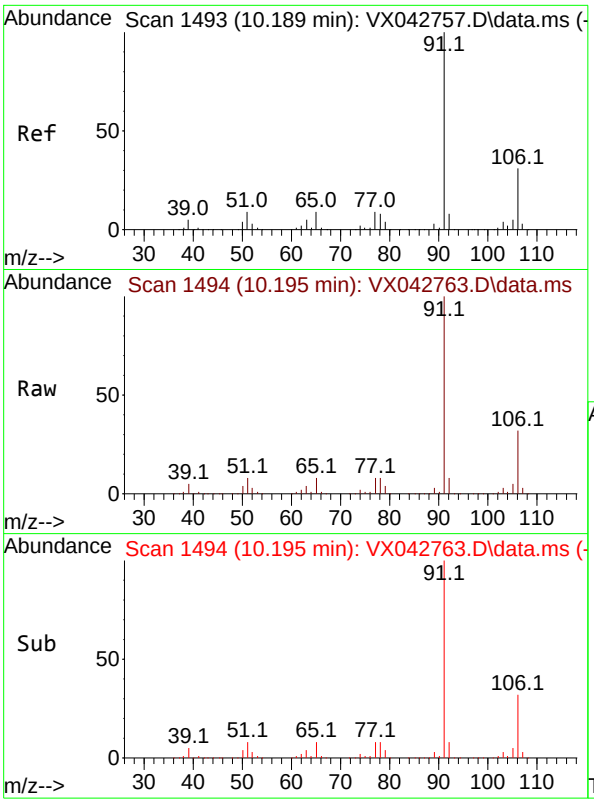


#42
Toluene
Concen: 55.785 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion: 91 Resp: 194067

Ion	Ratio	Lower	Upper
91	100		
92	57.6	41.9	77.7



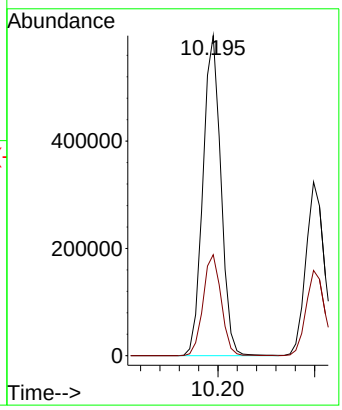


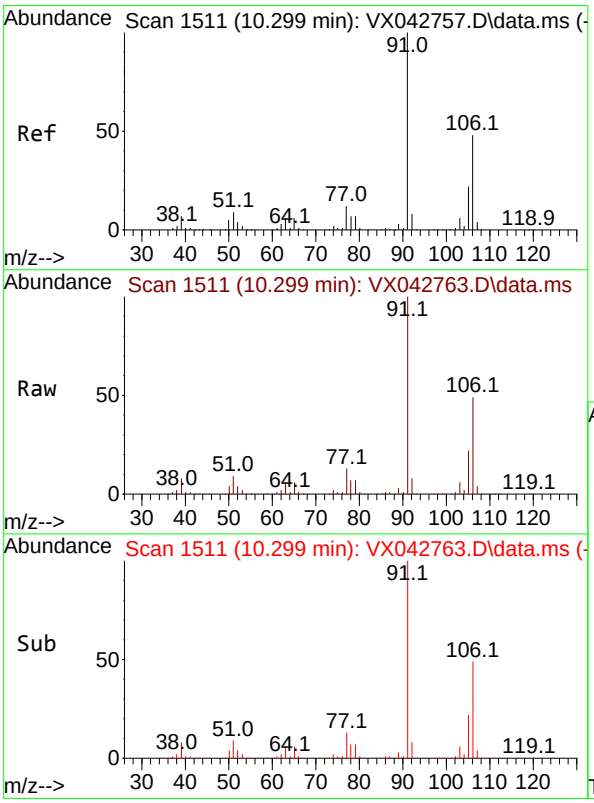
#52
Ethylbenzene
Concen: 202.148 ug/L
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
C0AX7

Tgt Ion: 91 Resp: 771328

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.8	40.4

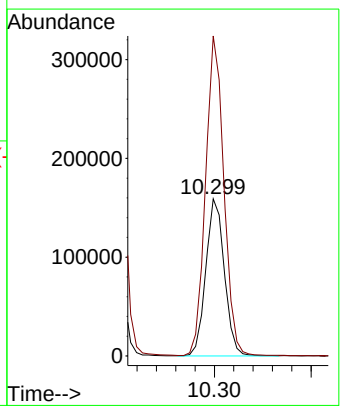


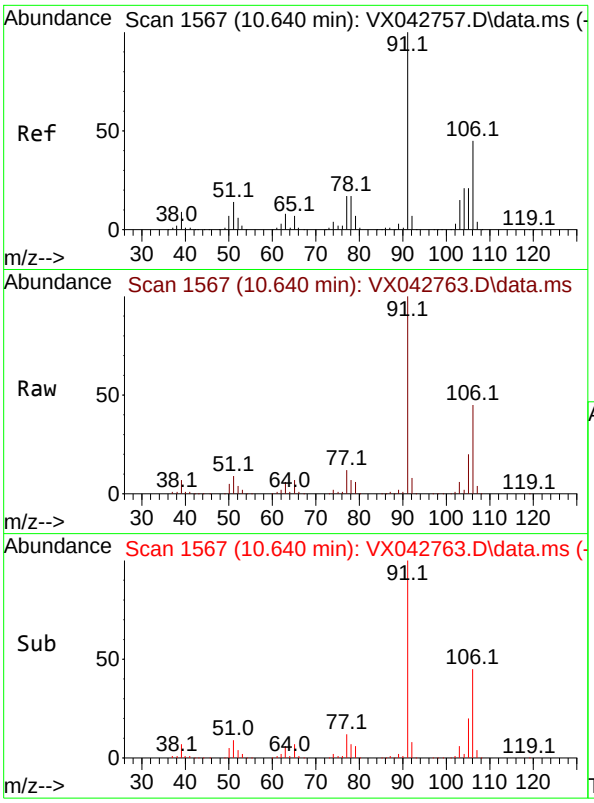


#53
m,p-Xylene
Concen: 148.040 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion:106 Resp: 212797

Ion	Ratio	Lower	Upper
106	100		
91	203.6	146.8	272.6



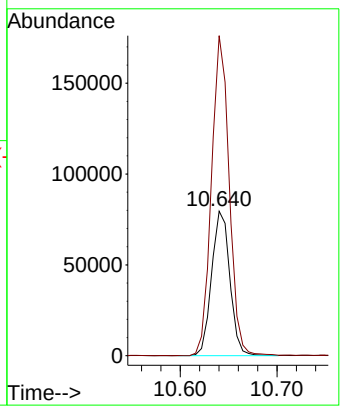


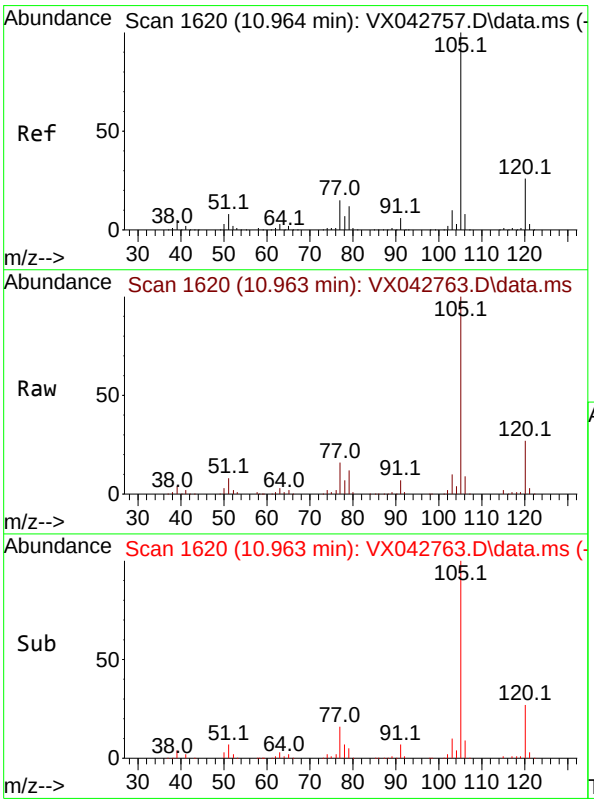
#54
o-Xylene
Concen: 72.922 ug/L
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
C0AX7

Tgt Ion:106 Resp: 104273

Ion	Ratio	Lower	Upper
106	100		
91	221.5	154.6	287.2

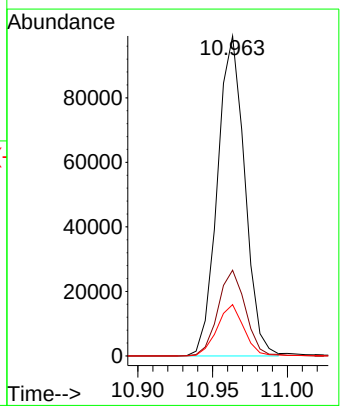


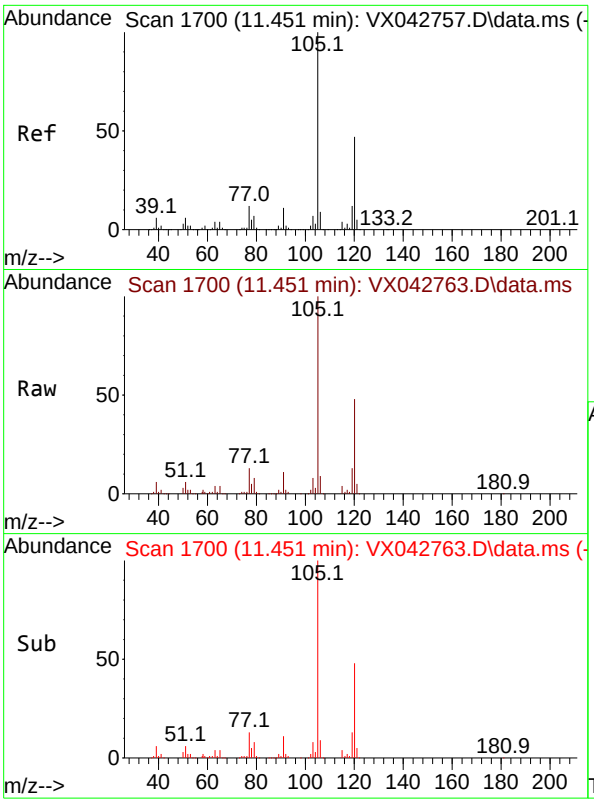


#60
Isopropylbenzene
Concen: 28.237 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion:105 Resp: 125751

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.0	31.6
77	15.9	12.9	19.3



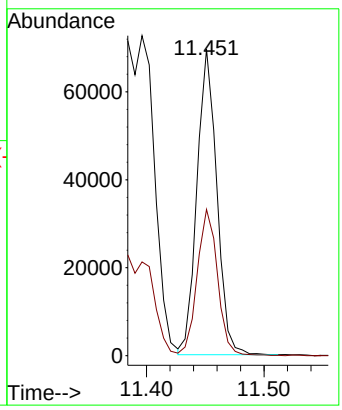


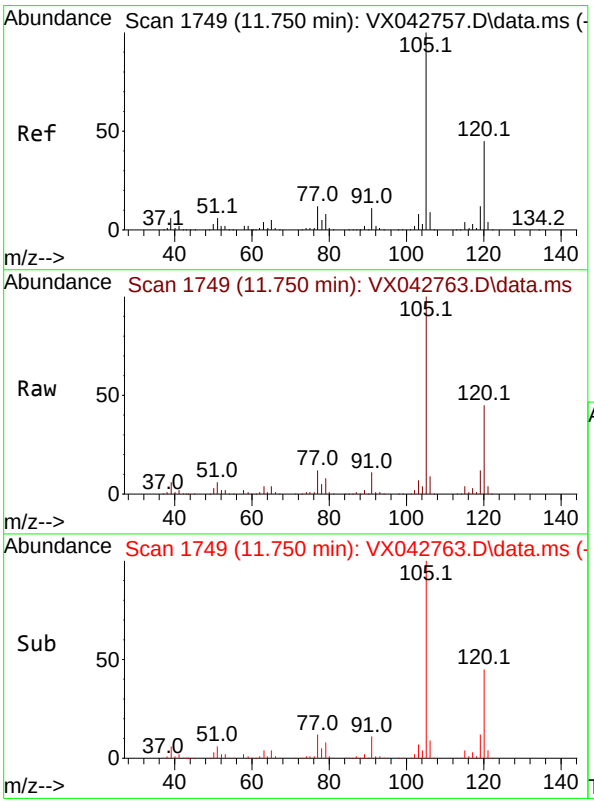
#62
1,3,5-Trimethylbenzene
Concen: 21.992 ug/L
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Instrument :
MSVOA_X
ClientSampleId :
C0AX7

Tgt Ion:105 Resp: 81454

Ion	Ratio	Lower	Upper
105	100		
120	49.3	38.2	57.2





#63
1,2,4-Trimethylbenzene
Concen: 65.542 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042763.D
Acq: 31 Jul 2024 11:20

Tgt Ion:105 Resp: 239696

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.2	52.8