Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073124\
Data File : VX042771.D
Acq On : 31 Jul 2024 14:27
Operator : JC/MD
Sample : P3378-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AX7DL

Quant Time: Aug 01 01:50:39 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	128236	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	118617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59213	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	26679	34.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.480%			
7) Chloroethane-d5	1.648	69	15460	48.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.320%			
11) 1,1-Dichloroethene-d2	2.294	65	14618	38.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.160%			
21) 2-Butanone-d5	4.464	46	44396	76.887	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.890%			
24) Chloroform-d	5.062	84	72070	42.263	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.520%			
26) 1,2-Dichloroethane-d4	5.958	65	49948	45.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.800%			
32) Benzene-d6	5.970	84	140677	42.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.460%			
36) 1,2-Dichloropropane-d6	7.305	67	39393	40.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.860%			
41) Toluene-d8	8.647	98	131883	44.681	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.360%			
43) trans-1,3-Dichloroprop...	8.951	79	18421	40.402	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.800%			
47) 2-Hexanone-d5	9.384	63	38085	87.429	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.430%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	61474	43.822	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.640%			
66) 1,2-Dichlorobenzene-d4	12.323	152	53391	47.711	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.420%			
Target Compounds						Qvalue
33) Benzene	6.037	78	92621	25.515	ug/L	100
42) Toluene	8.720	91	35642	9.533	ug/L	96
52) Ethylbenzene	10.195	91	143254	34.933	ug/L	97
53) m,p-Xylene	10.299	106	37604	24.341	ug/L	100
54) o-Xylene	10.640	106	19888	12.941	ug/L	95
60) Isopropylbenzene	10.963	105	23644	5.285	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	15387	4.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	42273	11.505	ug/L	97

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

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QLast Update : Thu Aug 01 01:44:51 2024
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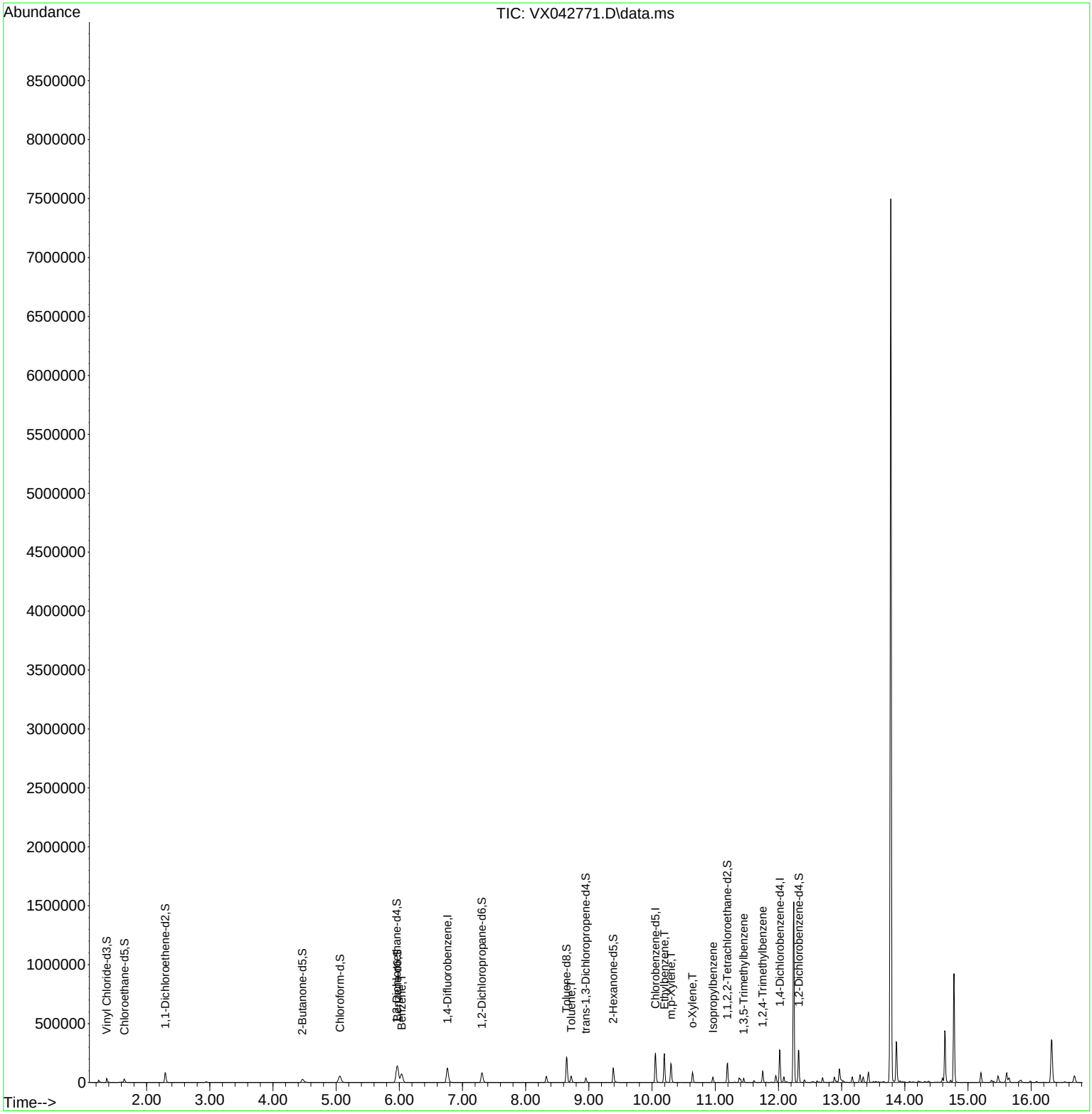
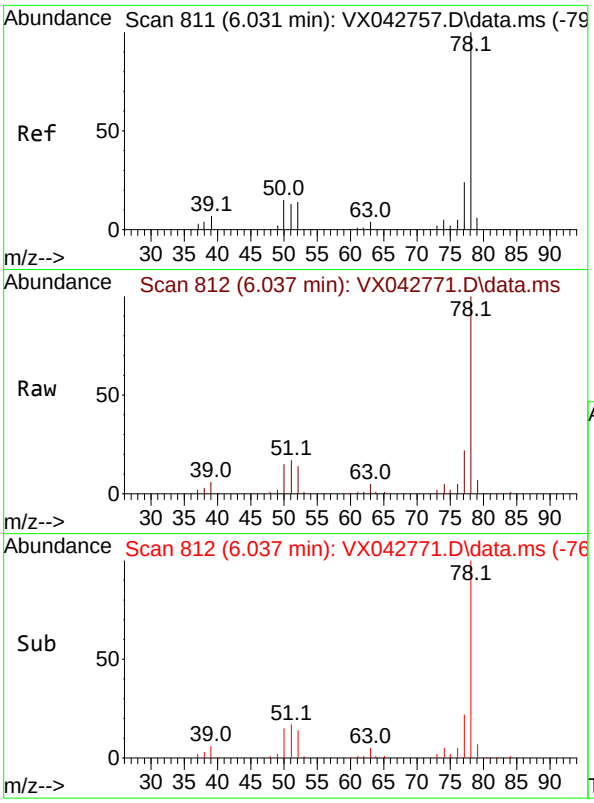
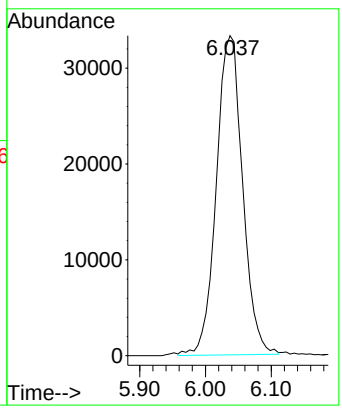


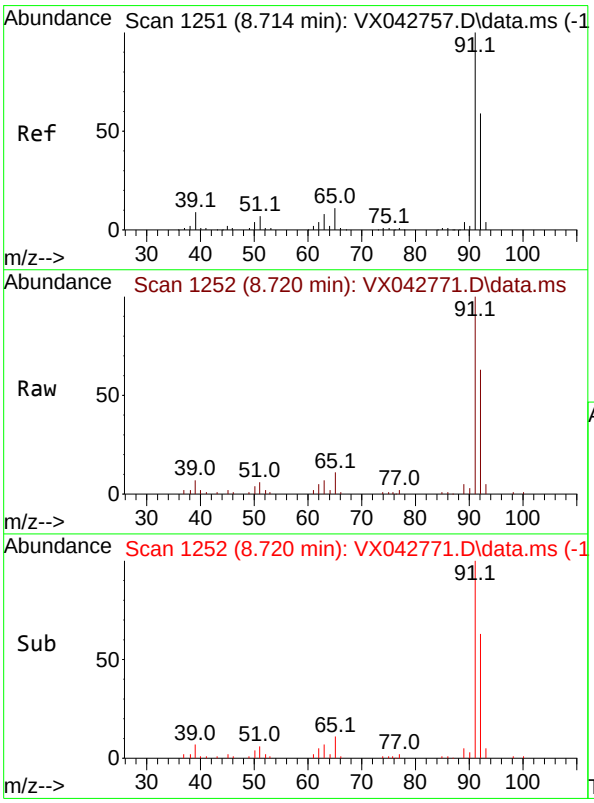


#33
Benzene
Concen: 25.515 ug/L
RT: 6.037 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Instrument :
MSVOA_X
ClientSampleId :
C0AX7DL

Tgt Ion: 78 Resp: 92621

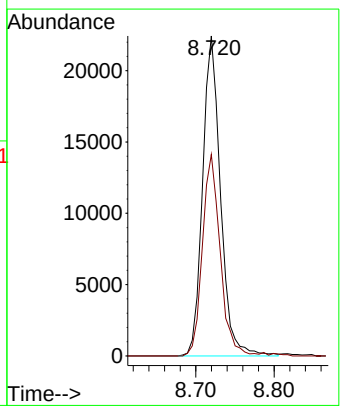


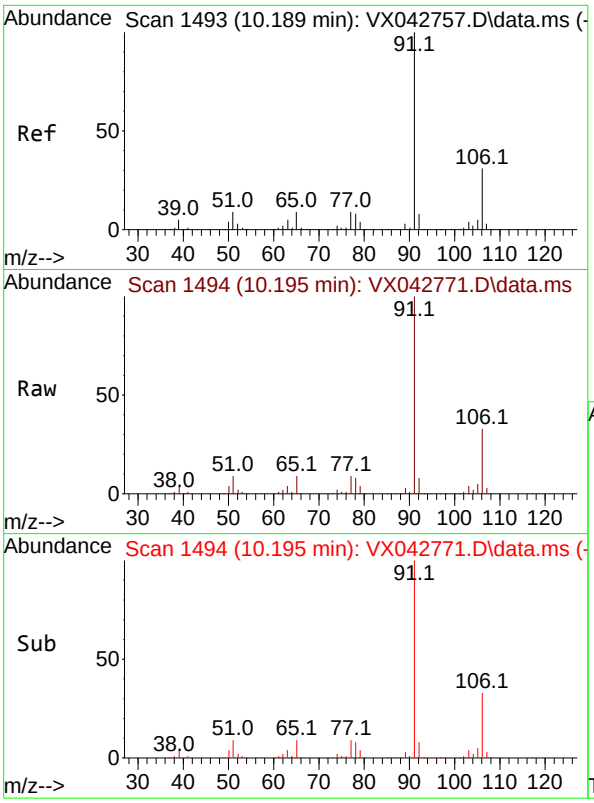


#42
Toluene
Concen: 9.533 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Tgt Ion: 91 Resp: 35642

Ion	Ratio	Lower	Upper
91	100		
92	63.0	41.9	77.7



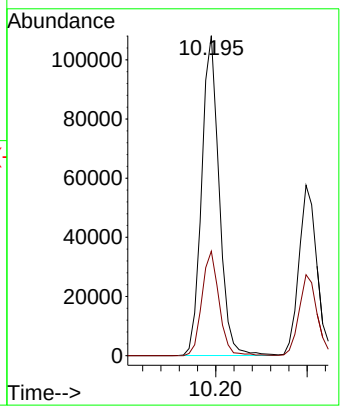


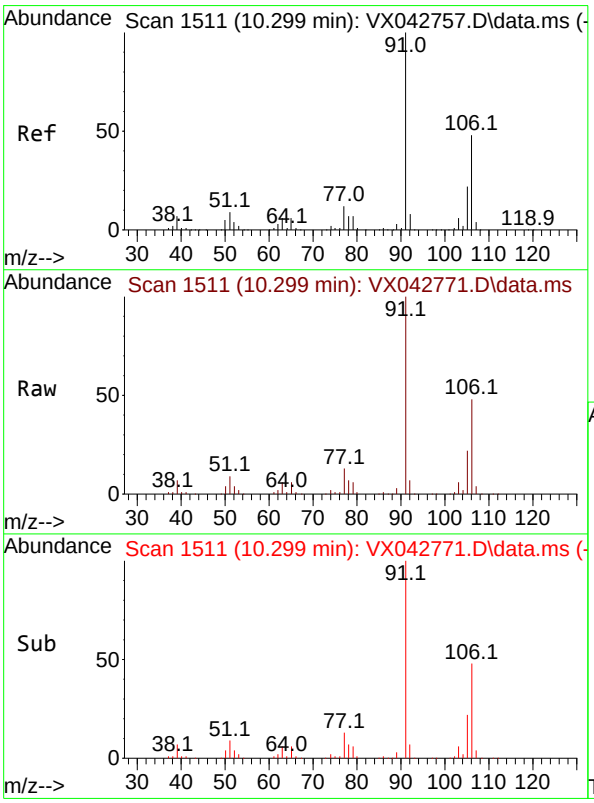
#52
Ethylbenzene
Concen: 34.933 ug/L
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Instrument :
MSVOA_X
ClientSampleId :
C0AX7DL

Tgt Ion: 91 Resp: 143254

Ion	Ratio	Lower	Upper
91	100		
106	32.6	21.8	40.4

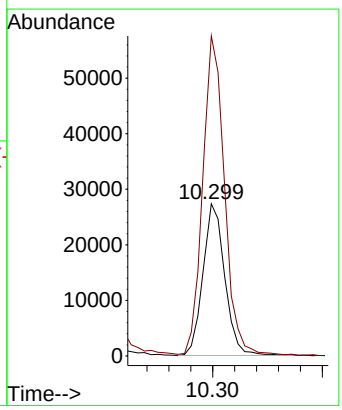


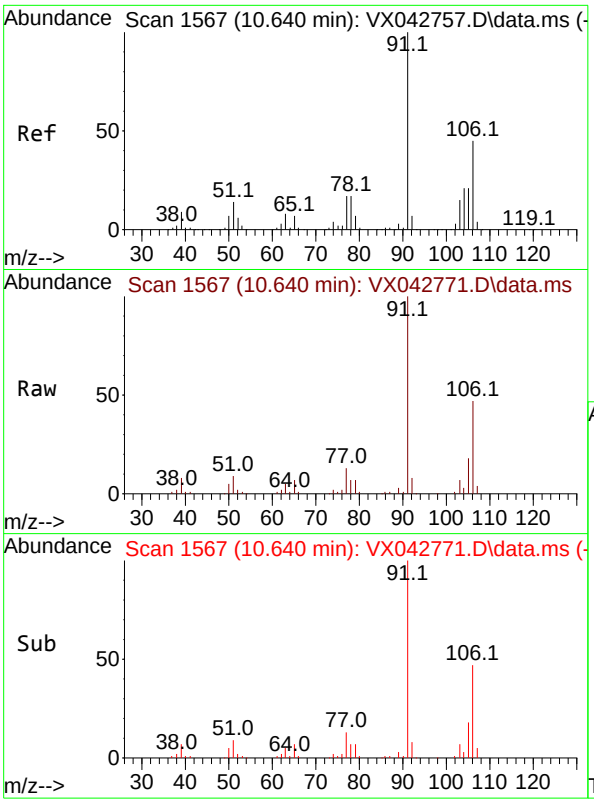


#53
m,p-Xylene
Concen: 24.341 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Tgt Ion:106 Resp: 37604

Ion	Ratio	Lower	Upper
106	100		
91	210.3	146.8	272.6



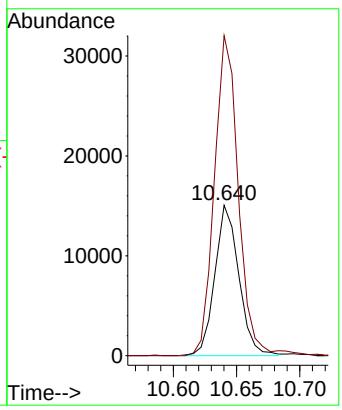


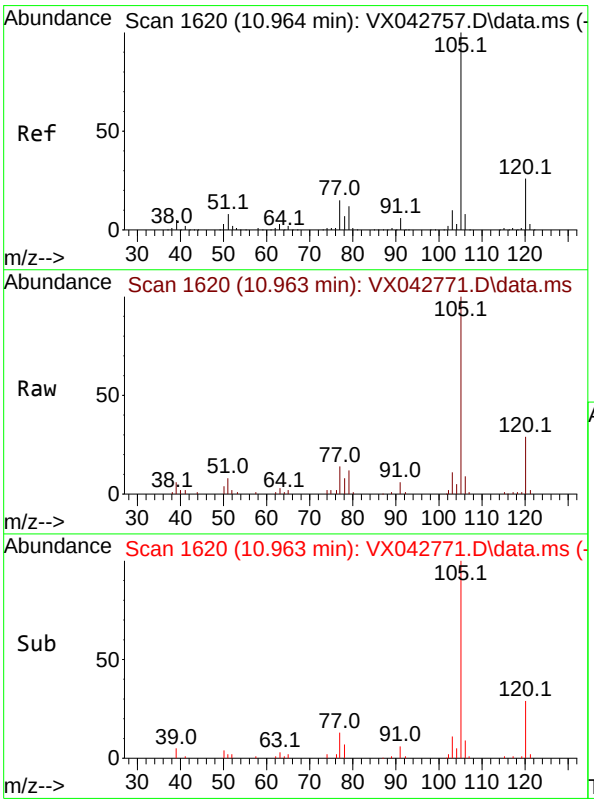
#54
o-Xylene
Concen: 12.941 ug/L
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Instrument :
MSVOA_X
ClientSampleId :
C0AX7DL

Tgt Ion:106 Resp: 19888

Ion	Ratio	Lower	Upper
106	100		
91	212.8	154.6	287.2

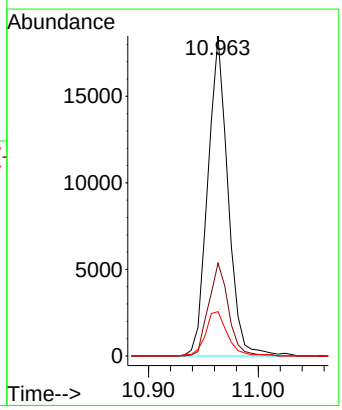


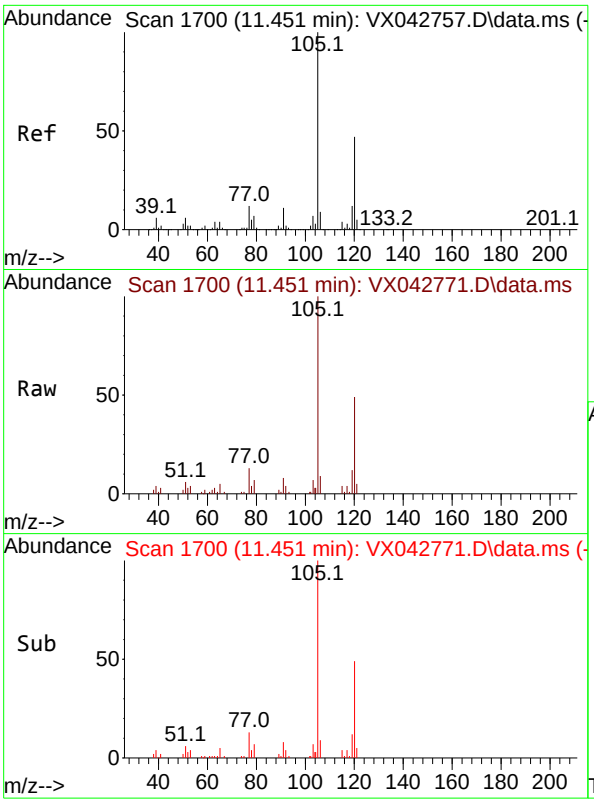


#60
Isopropylbenzene
Concen: 5.285 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Tgt Ion:105 Resp: 23644

Ion	Ratio	Lower	Upper
105	100		
120	28.4	21.0	31.6
77	14.8	12.9	19.3



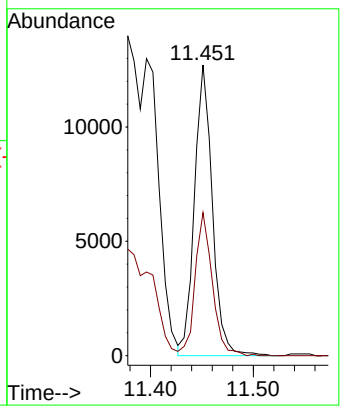


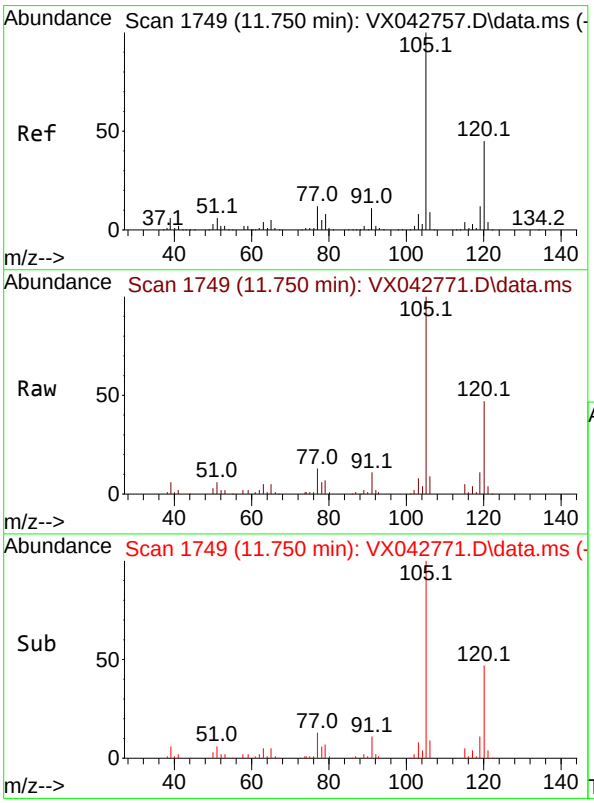
#62
1,3,5-Trimethylbenzene
Concen: 4.135 ug/L
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Instrument :
MSVOA_X
ClientSampleId :
C0AX7DL

Tgt Ion:105 Resp: 15387

Ion	Ratio	Lower	Upper
105	100		
120	47.1	38.2	57.2





#63
1,2,4-Trimethylbenzene
Concen: 11.505 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042771.D
Acq: 31 Jul 2024 14:27

Tgt Ion:105 Resp: 42273

Ion	Ratio	Lower	Upper
105	100		
120	46.2	35.2	52.8