Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071824\
Data File : VX042375.D
Acq On : 18 Jul 2024 17:23
Operator : JC/MD
Sample : P3215-13ME
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
A4D26ME

Manual Integrations APPROVED

Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 05:32:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 05:29:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.757	114	102475	50.000 ug/L	0.00
28) Chlorobenzene-d5	10.055	117	93197	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49532	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.392	65	29957m	50.224 ug/L	0.02
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.440%		
7) Chloroethane-d5	1.648	69	19898m	52.983 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.960%		
11) 1,1-Dichloroethene-d2	2.276	65	13838	53.009 ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.020%		
21) 2-Butanone-d5	4.495	46	59629	138.724 ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 138.720%#		
24) Chloroform-d	5.056	84	74379	62.019 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.040%		
26) 1,2-Dichloroethane-d4	5.952	65	48304	68.238 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.480%#		
32) Benzene-d6	5.964	84	156121	64.809 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.620%#		
36) 1,2-Dichloropropane-d6	7.305	67	49938	68.885 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 137.760%#		
41) Toluene-d8	8.647	98	139516	62.149 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.300%#		
43) trans-1,3-Dichloroprop...	8.952	79	18245	58.232 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.460%		
47) 2-Hexanone-d5	9.390	63	46747	142.060 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.060%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	75205	70.170 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 140.340%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	66295	68.909 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 137.820%#		
Target Compounds					Qvalue
15) Methyl Acetate	2.721	43	5357	7.190 ug/L	91
29) Cyclohexane	5.458	56	2845	2.825 ug/L #	90
35) Methylcyclohexane	7.373	83	9098	8.789 ug/L	99
53) m,p-Xylene	10.305	106	2347	1.930 ug/L	98
54) o-Xylene	10.646	106	1395	1.148 ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	3168	1.343 ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	2737	1.083 ug/L	99

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

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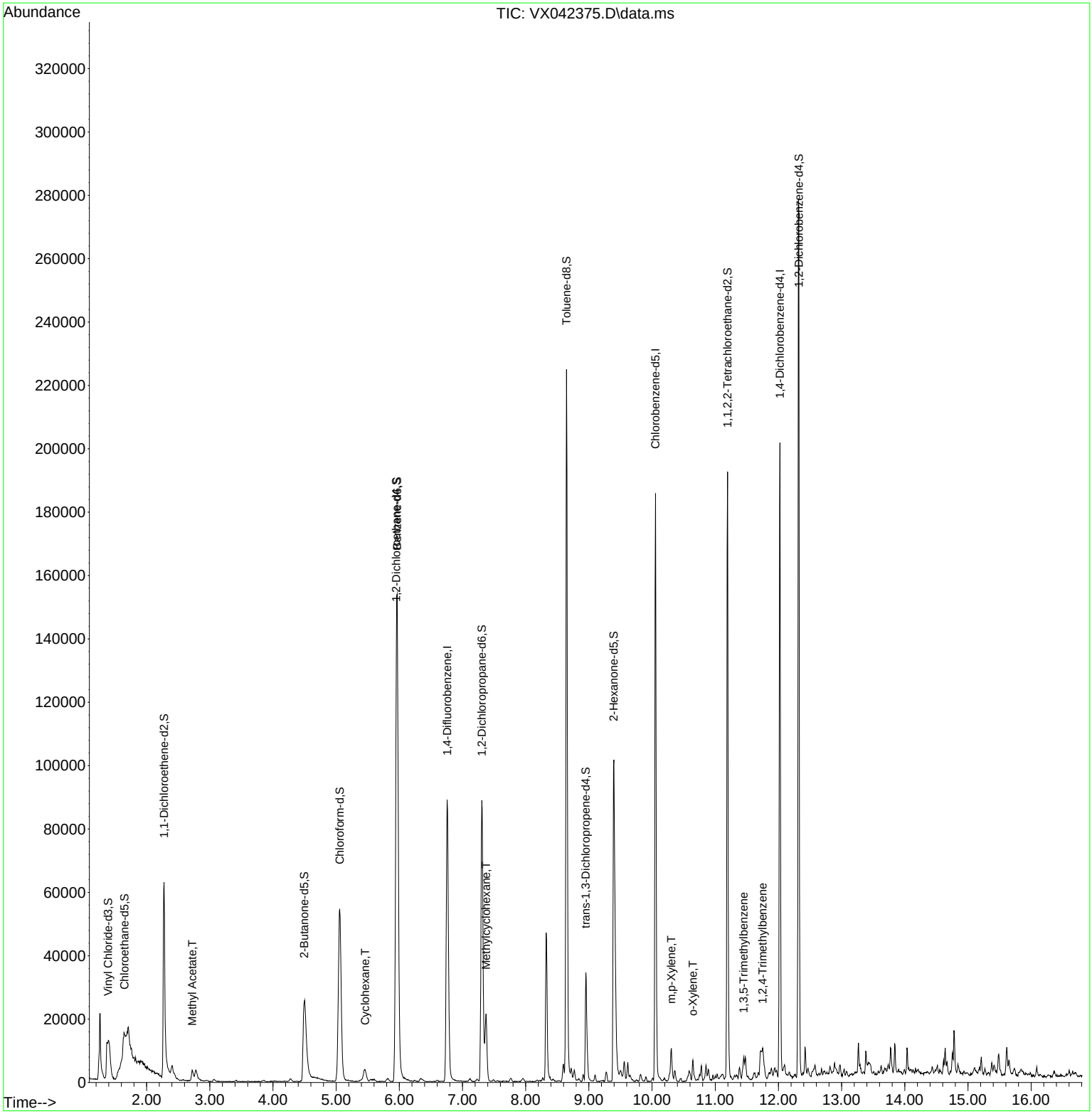

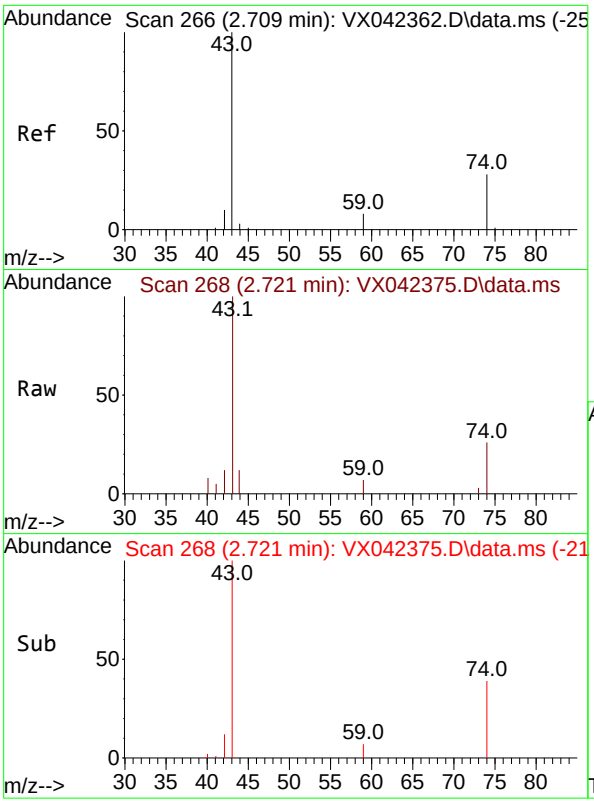

#15
Methyl Acetate
Concen: 7.190 ug/L
RT: 2.721 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion: 43 Resp: 535

Ion	Ratio	Lower	Upper
43	100		
74	20.4	20.1	30.1

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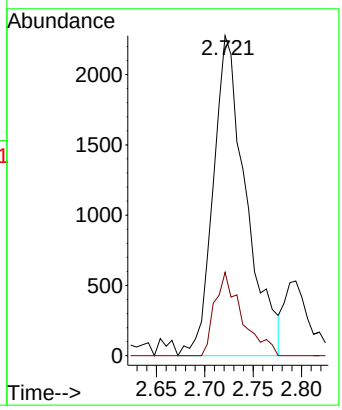
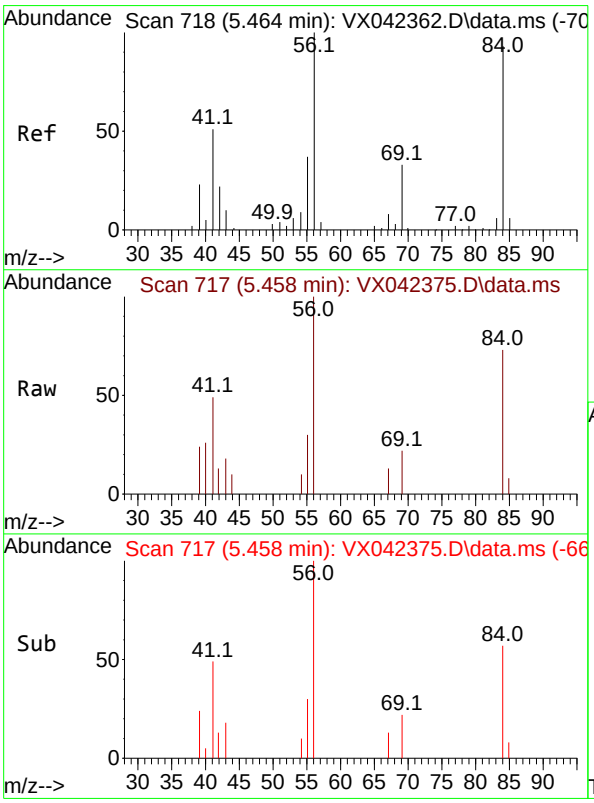
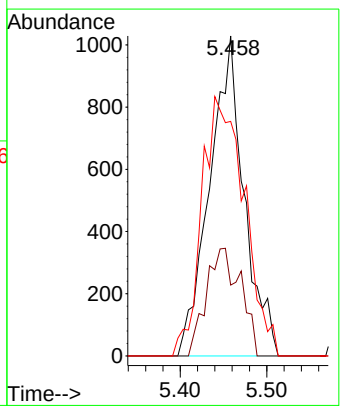


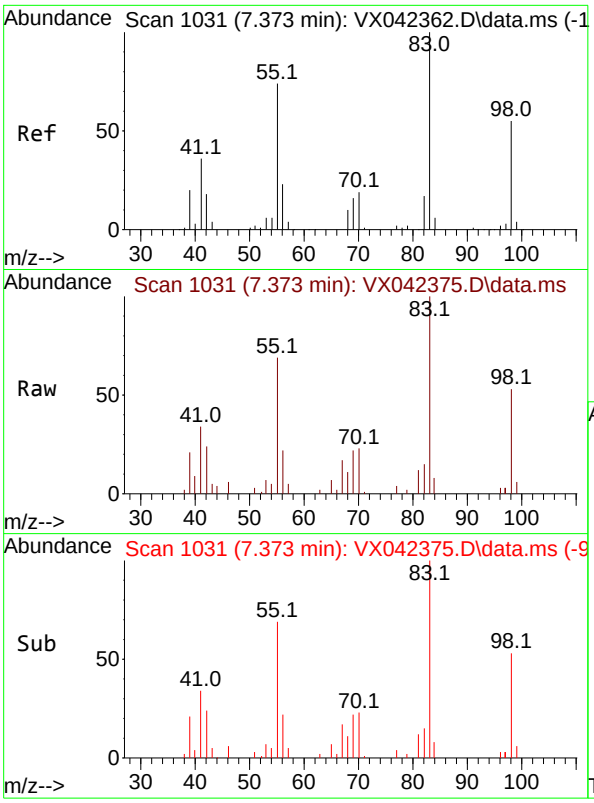


#29
Cyclohexane
Concen: 2.825 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion: 56 Resp: 2845

Ion	Ratio	Lower	Upper
56	100		
69	23.4	25.3	37.9#
84	100.1	74.0	111.0





#35
Methylcyclohexane
Concen: 8.789 ug/L
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion: 83 Resp: 909

Ion	Ratio	Lower	Upper
83	100		
55	72.0	56.4	84.6
98	49.8	40.4	60.6

Instrument :
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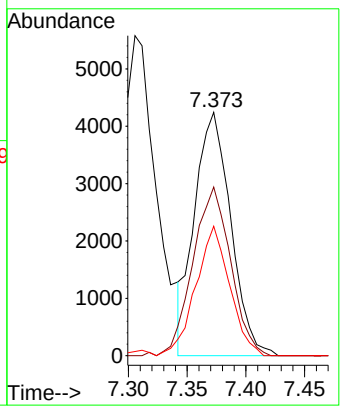
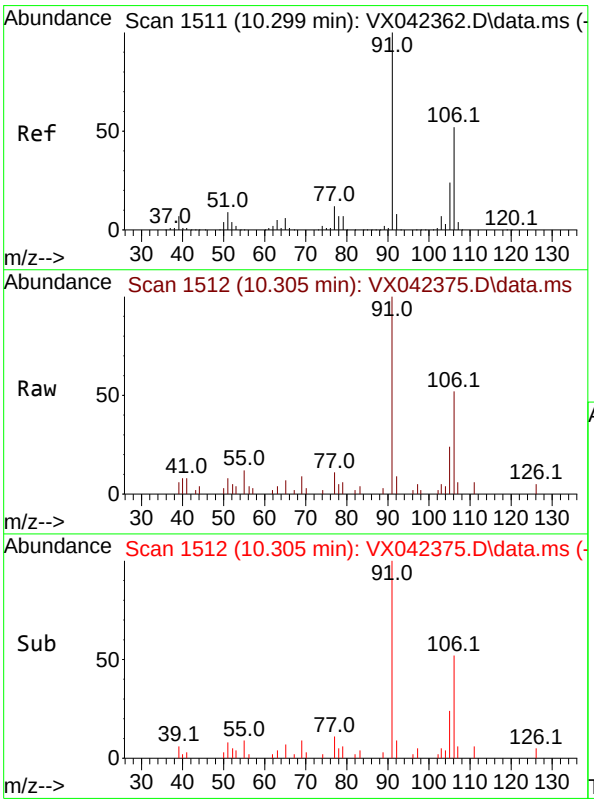
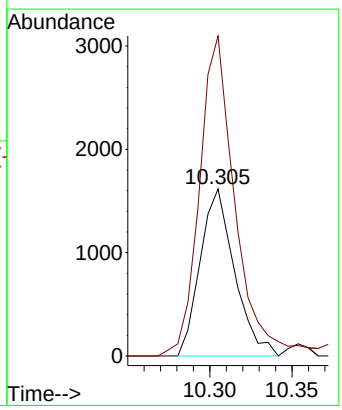


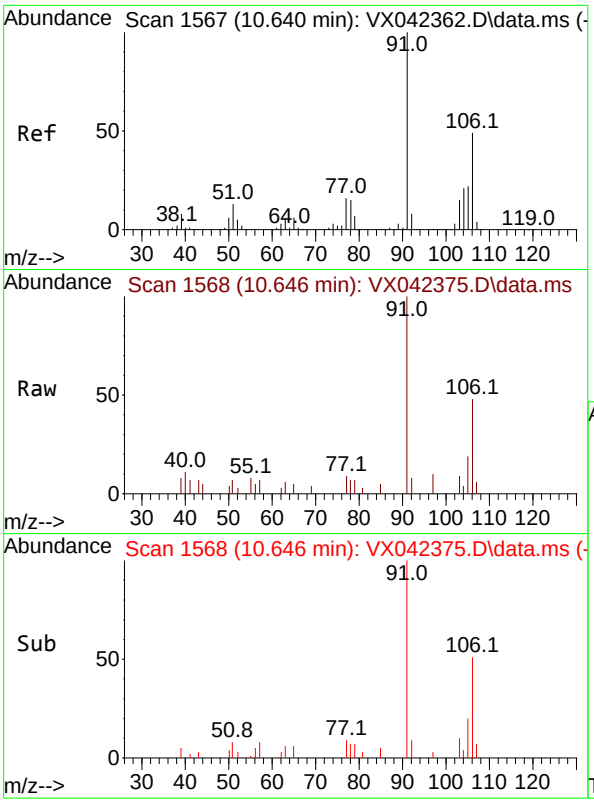


#53
m,p-Xylene
Concen: 1.930 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion:106 Resp: 2347

Ion	Ratio	Lower	Upper
106	100		
91	191.6	136.4	253.2





#54
o-Xylene
Concen: 1.148 ug/L
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion:106 Resp: 139

Ion	Ratio	Lower	Upper
106	100		
91	210.4	143.4	266.2

Instrument :
MSVOA_X
ClientSampleId :
A4D26ME

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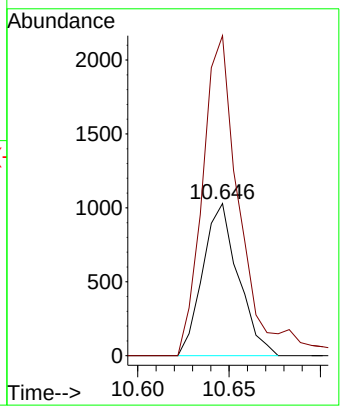
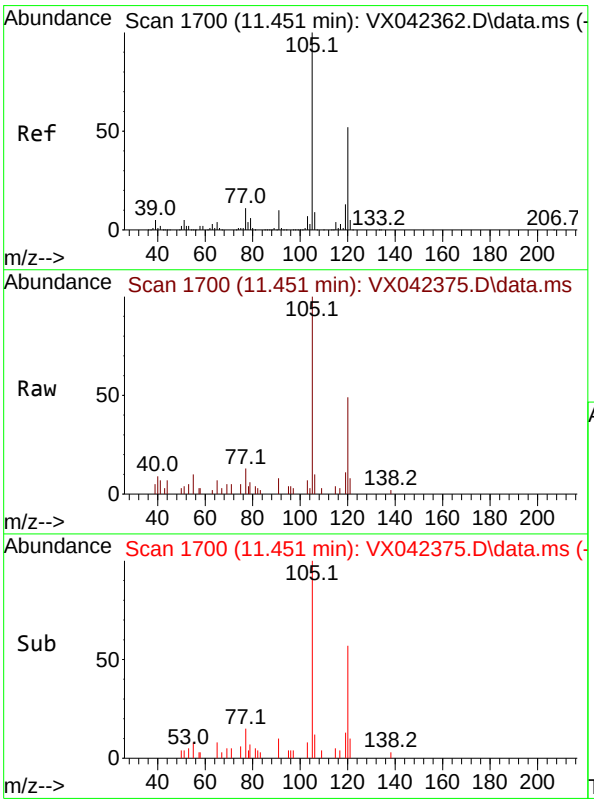
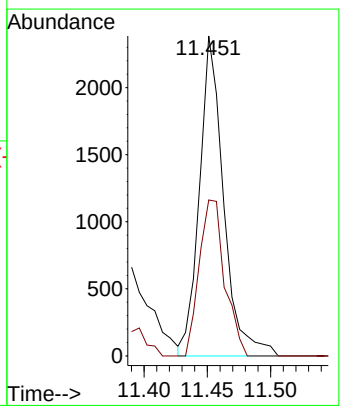


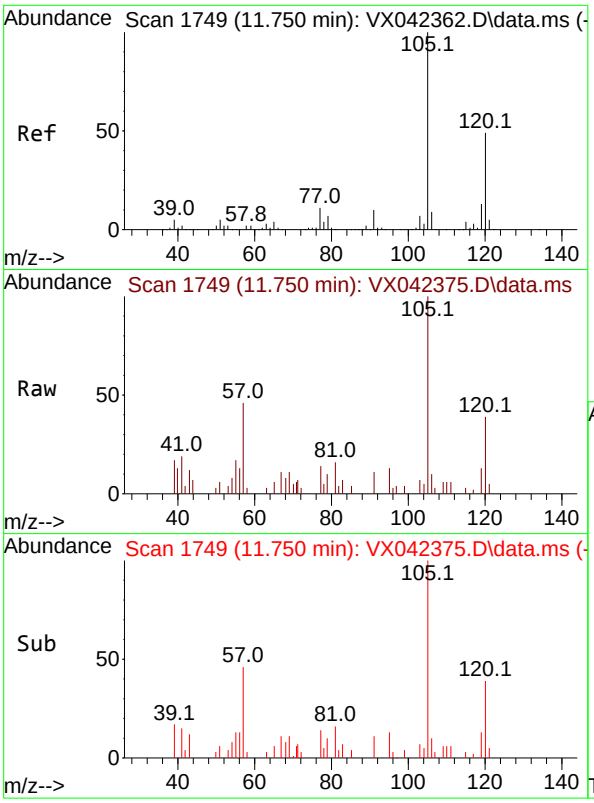


#62
1,3,5-Trimethylbenzene
Concen: 1.343 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion:105 Resp: 3168

Ion	Ratio	Lower	Upper
105	100		
120	51.5	40.9	61.3

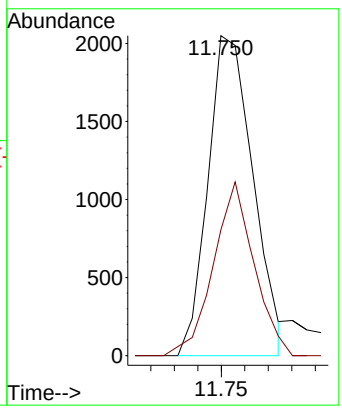




#63
1,2,4-Trimethylbenzene
Concen: 1.083 ug/L
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042375.D
Acq: 18 Jul 2024 17:23

Tgt Ion:105 Resp: 273

Ion	Ratio	Lower	Upper
105	100		
120	48.8	38.4	57.6



Instrument :
MSVOA_X
ClientSampleId :
A4D26ME

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