Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028447.D
Acq On : 08 Oct 2022 19:25
Operator : SY/MD
Sample : N4889-01 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ59

Quant Time: Oct 09 05:53:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	309554	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	137136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84369	35.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.640%		
7) Chloroethane-d5	1.565	69	67021	35.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.780%		
11) 1,1-Dichloroethene-d2	2.101	63	113592	27.943	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.880%#		
21) 2-Butanone-d5	3.905	46	168056	80.374	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.370%		
24) Chloroform-d	4.343	84	190439	43.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.940%		
26) 1,2-Dichloroethane-d4	5.027	65	133764	47.347	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
32) Benzene-d6	5.043	84	405824	45.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.660%		
36) 1,2-Dichloropropane-d6	6.066	67	128494	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.040%		
41) Toluene-d8	7.310	98	364481	45.472	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.940%		
43) trans-1,3-Dichloroprop...	7.619	79	65628	44.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.220%		
47) 2-Hexanone-d5	8.085	63	126146	79.444	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.440%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	164200	41.108	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.220%		
66) 1,2-Dichlorobenzene-d4	11.616	152	133335	46.923	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.840%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.040	62	2673	0.828	ug/L	96
35) Methylcyclohexane	6.121	83	4369	1.102	ug/L	95
52) Ethylbenzene	9.008	91	53124	5.146	ug/L	99
53) m,p-Xylene	9.127	106	563827	144.094	ug/L	99
60) Isopropylbenzene	9.928	105	13661	1.382	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	16289	1.903	ug/L	98
63) 1,2,4-Trimethylbenzene	10.908	105	43958	5.174	ug/L	97

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

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QLast Update : Sat Oct 08 02:10:35 2022
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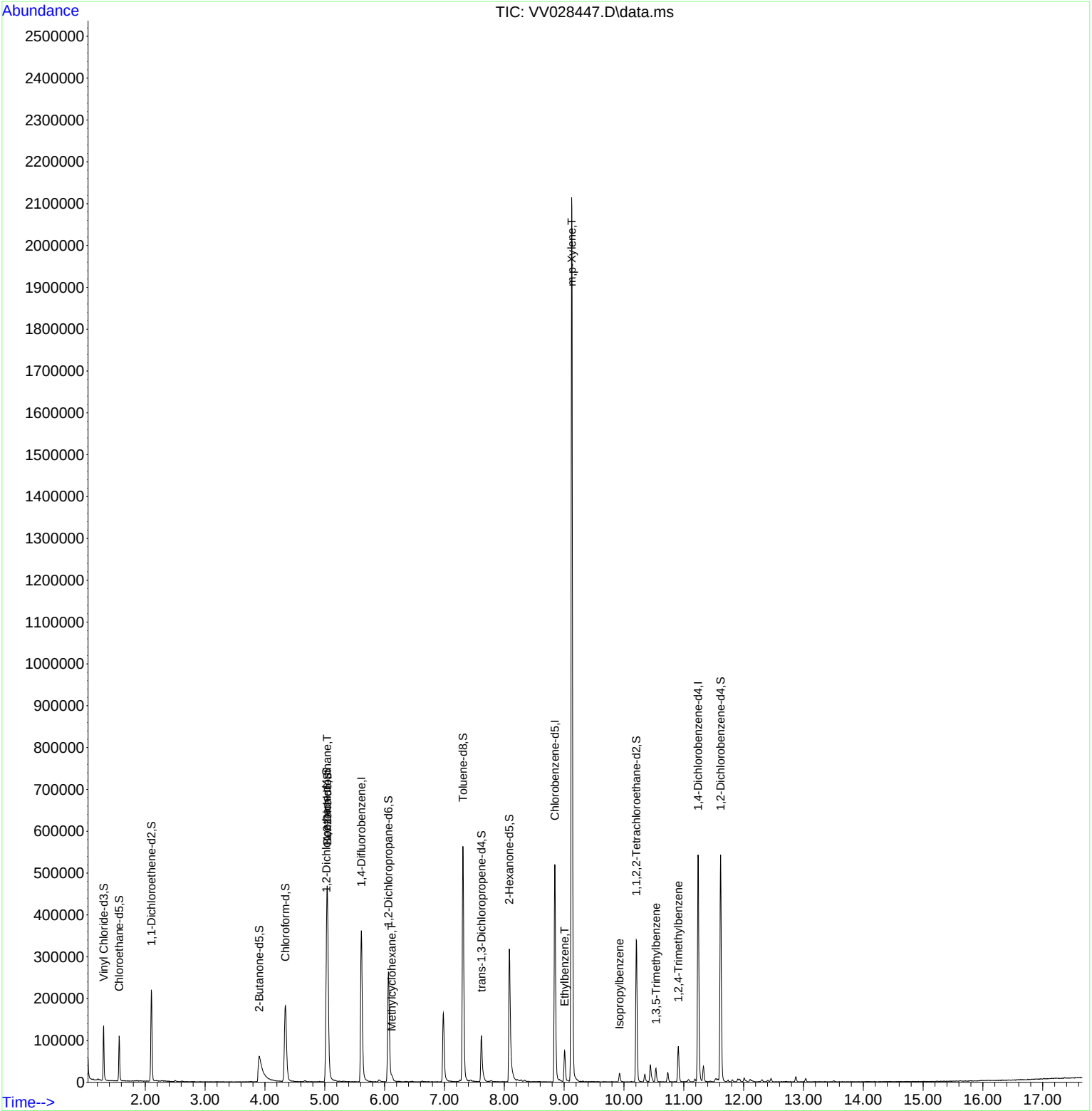
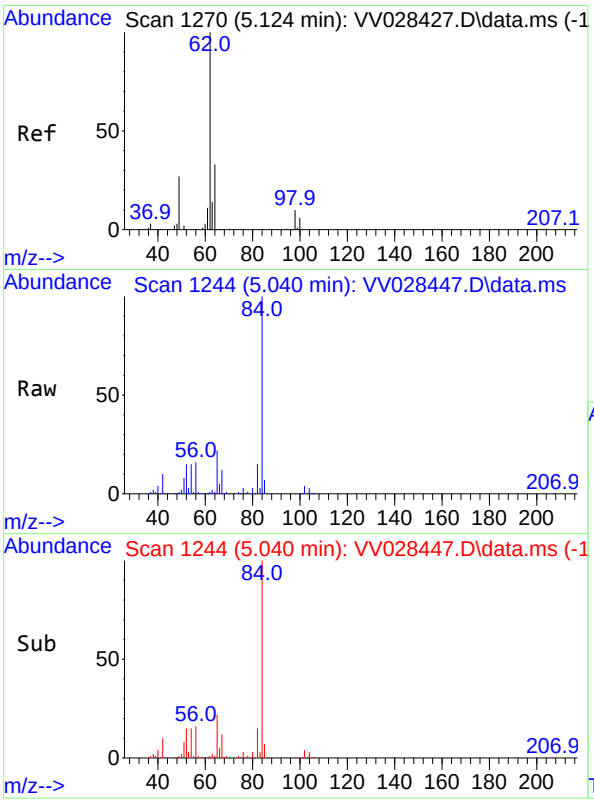


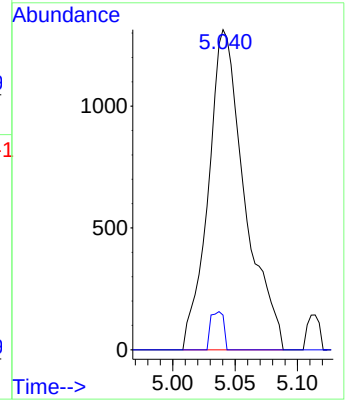


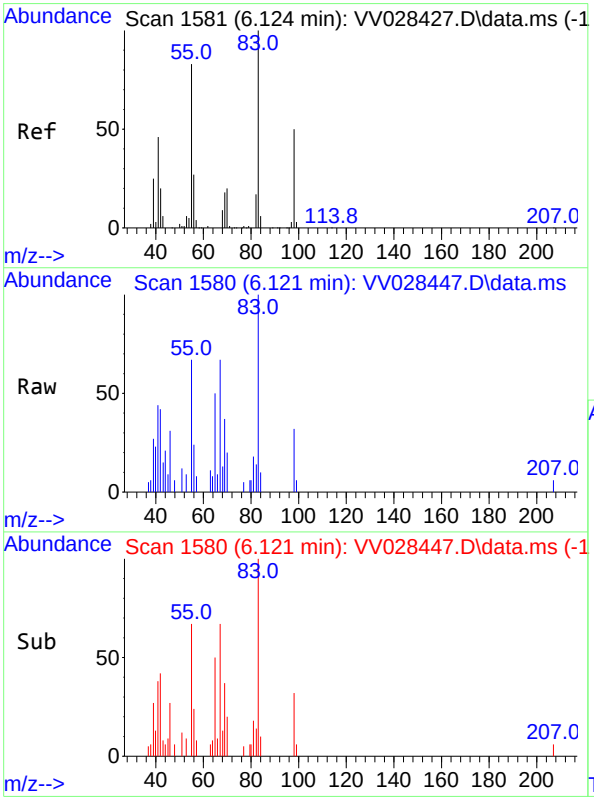
#27
1,2-Dichloroethane
Concen: 0.828 ug/L
RT: 5.040 min Scan# 1
Delta R.T. -0.084 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Instrument :
MSVOA_V
ClientSampleId :
EXZ59

Tgt Ion: 62 Resp: 2673

Ion	Ratio	Lower	Upper
62	100		
98	10.8	7.6	11.4

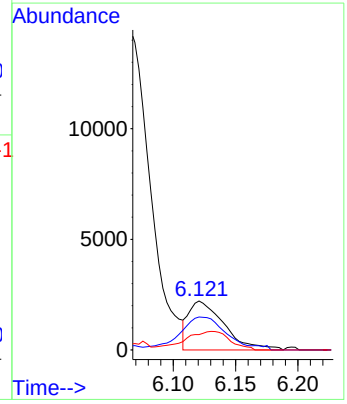


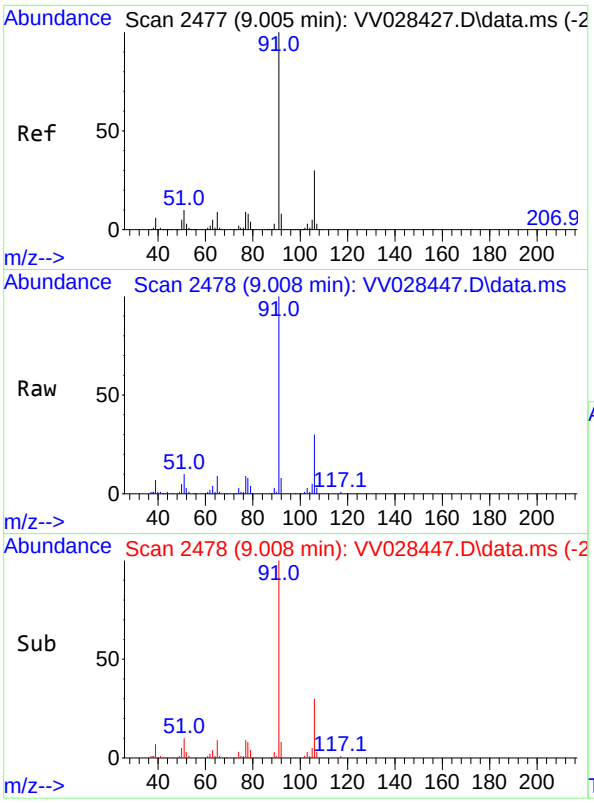


#35
Methylcyclohexane
Concen: 1.102 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Tgt Ion: 83 Resp: 4369

Ion	Ratio	Lower	Upper
83	100		
55	86.0	63.7	95.5
98	49.0	38.2	57.2



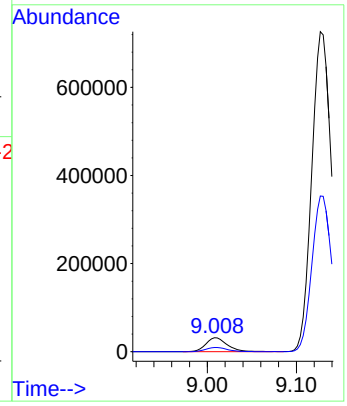


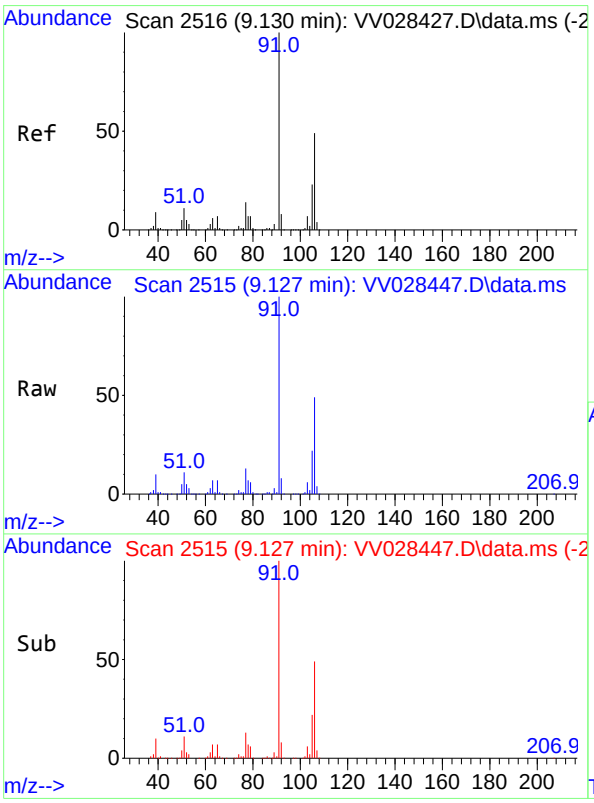
#52
Ethylbenzene
Concen: 5.146 ug/L
RT: 9.008 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Instrument :
MSVOA_V
ClientSampleId :
EXZ59

Tgt Ion: 91 Resp: 53124

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.4	39.8

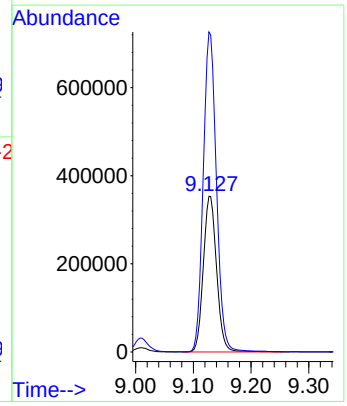


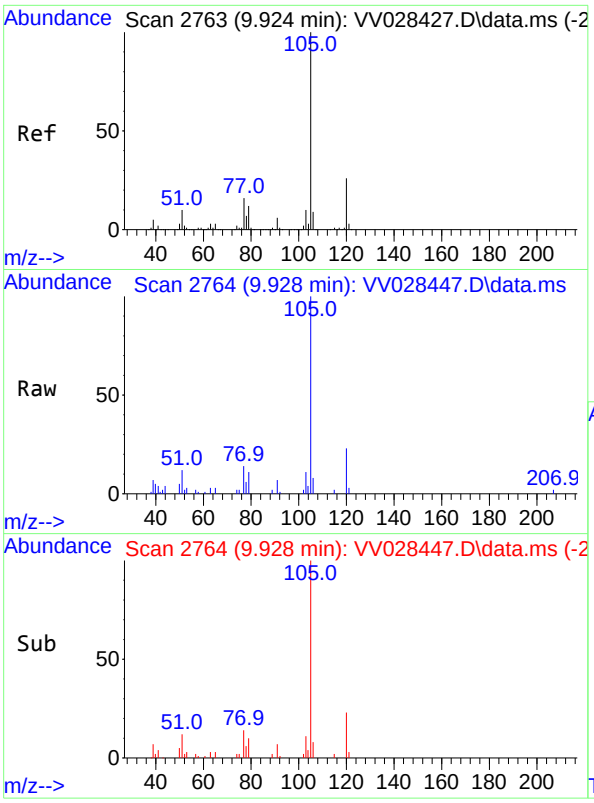


#53
m,p-Xylene
Concen: 144.094 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Tgt Ion:106 Resp: 563827

Ion	Ratio	Lower	Upper
106	100		
91	205.5	145.2	269.6



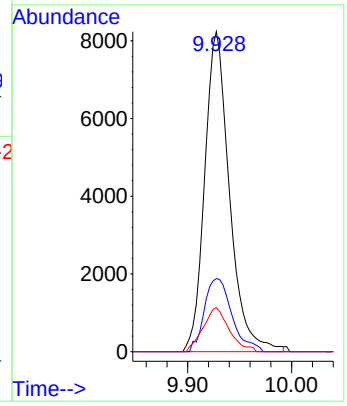


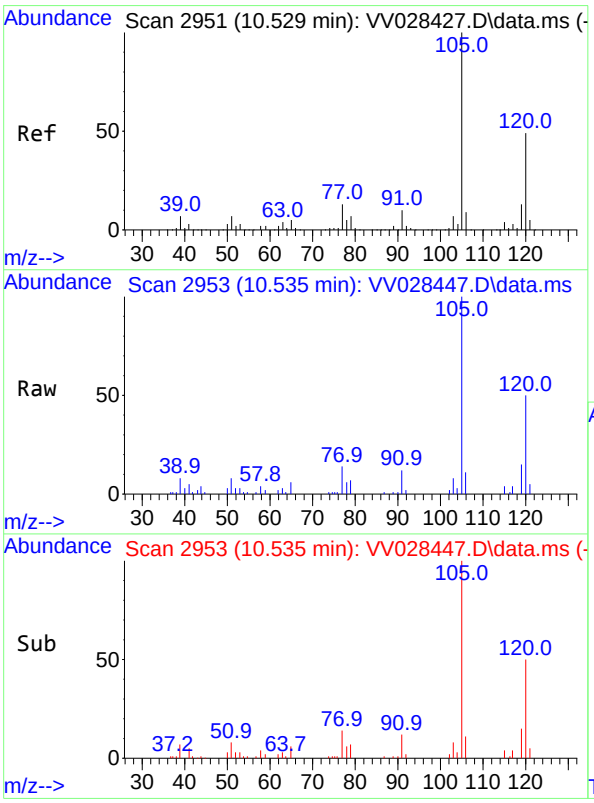
#60
Isopropylbenzene
Concen: 1.382 ug/L
RT: 9.928 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Instrument :
MSVOA_V
ClientSampleId :
EXZ59

Tgt Ion:105 Resp: 13661

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.5	30.7
77	14.1	12.7	19.1

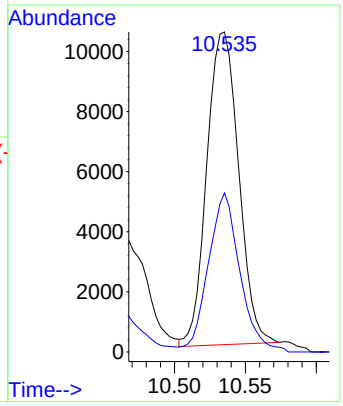


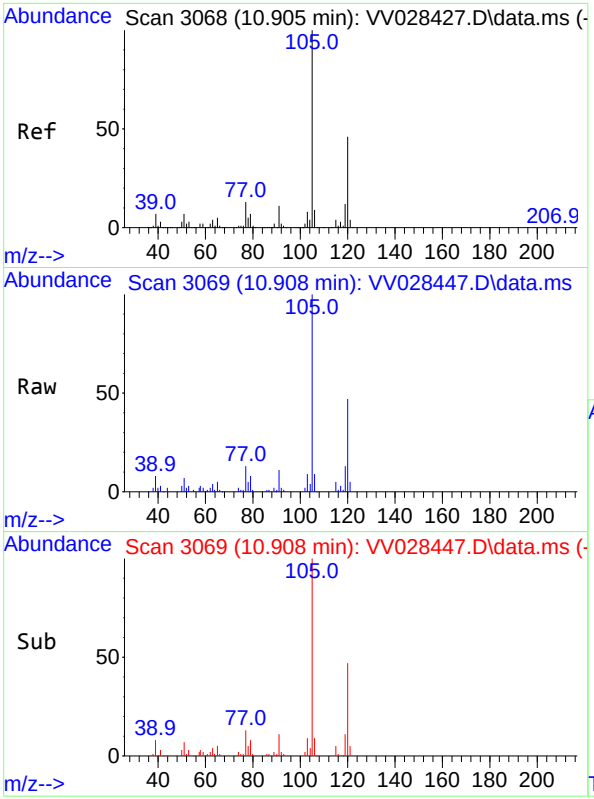


#62
1,3,5-Trimethylbenzene
Concen: 1.903 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Tgt Ion:105 Resp: 16289

Ion	Ratio	Lower	Upper
105	100		
120	50.3	39.1	58.7





#63
1,2,4-Trimethylbenzene
Concen: 5.174 ug/L
RT: 10.908 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028447.D
Acq: 08 Oct 2022 19:25

Instrument :
MSVOA_V
ClientSampleId :
EXZ59

Tgt Ion:105 Resp: 43958

Ion	Ratio	Lower	Upper
105	100		
120	47.1	35.9	53.9