Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072722\
Data File : VV027001.D
Acq On : 27 Jul 2022 16:08
Operator : SY/MD
Sample : N3843-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 01:43:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 28 01:41:31 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
DBUE1

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	507721	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	515028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	309526	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	161531	37.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.860%			
7) Chloroethane-d5	1.564	69	146606	42.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.120%			
11) 1,1-Dichloroethene-d2	2.101	63	230897	30.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.280%			
21) 2-Butanone-d5	3.883	46	316733	110.349	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.350%			
24) Chloroform-d	4.342	84	373690	44.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.180%			
26) 1,2-Dichloroethane-d4	5.027	65	227383	47.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.860%			
32) Benzene-d6	5.047	84	724910	46.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.120%			
36) 1,2-Dichloropropane-d6	6.066	67	242259	48.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.580%			
41) Toluene-d8	7.313	98	597256	43.846	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.700%			
43) trans-1,3-Dichloroprop...	7.619	79	90581	43.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.180%			
47) 2-Hexanone-d5	8.088	63	242363	110.946	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.950%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	391673	51.390	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.780%			
66) 1,2-Dichlorobenzene-d4	11.622	152	283959	48.900	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
13) Acetone	2.175	43	282194	140.021	ug/L	99
15) Methyl Acetate	2.436	43	23679m	5.327	ug/L	
20) cis-1,2-Dichloroethene	3.915	96	3987	0.912	ug/L	91
22) 2-Butanone	3.982	43	59866	21.780	ug/L	100
33) Benzene	5.095	78	449991	27.169	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	22752	4.435	ug/L	98
42) Toluene	7.387	91	437382	25.872	ug/L	100
52) Ethylbenzene	9.011	91	1014089	57.789	ug/L	100
53) m,p-Xylene	9.136	106	123986	18.045	ug/L	100
54) o-Xylene	9.542	106	84483	12.766	ug/L	97
55) Styrene	9.564	104	26496	2.267	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	39215	2.638	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	127421	8.545	ug/L	97

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

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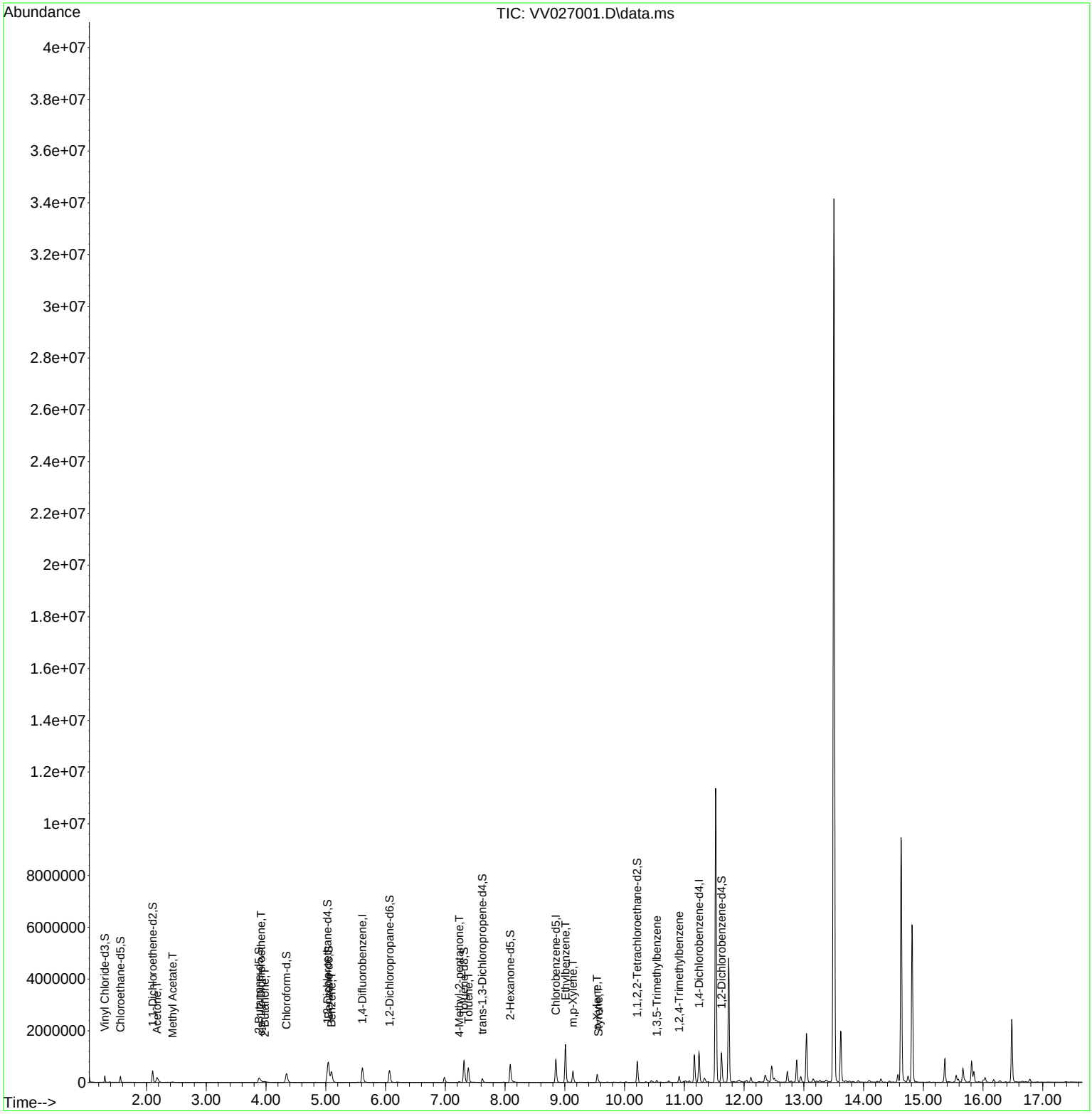

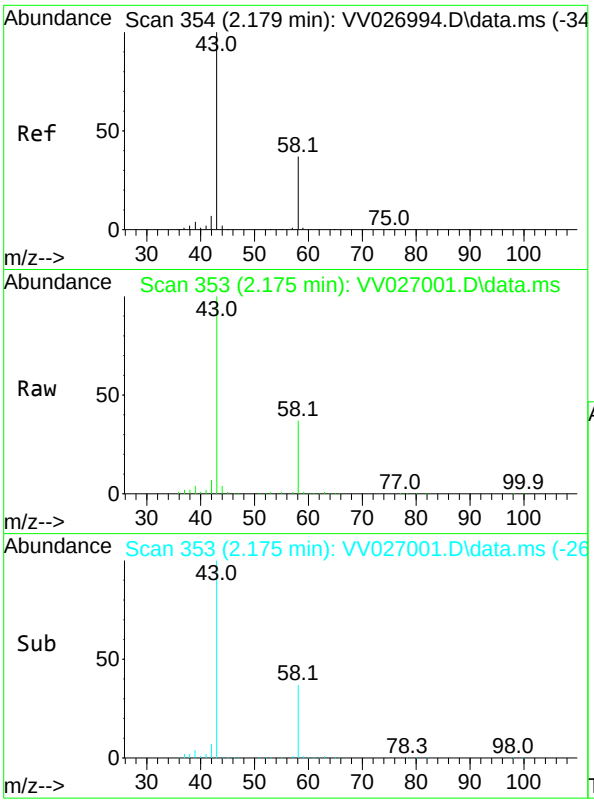

#13
Acetone
Concen: 140.021 ug/L
RT: 2.175 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 28219

Ion	Ratio	Lower	Upper
43	100		
58	36.7	0.0	72.6

Instrument :
MSVOA_V
ClientSampleId :
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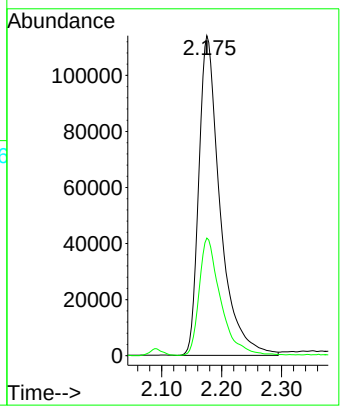
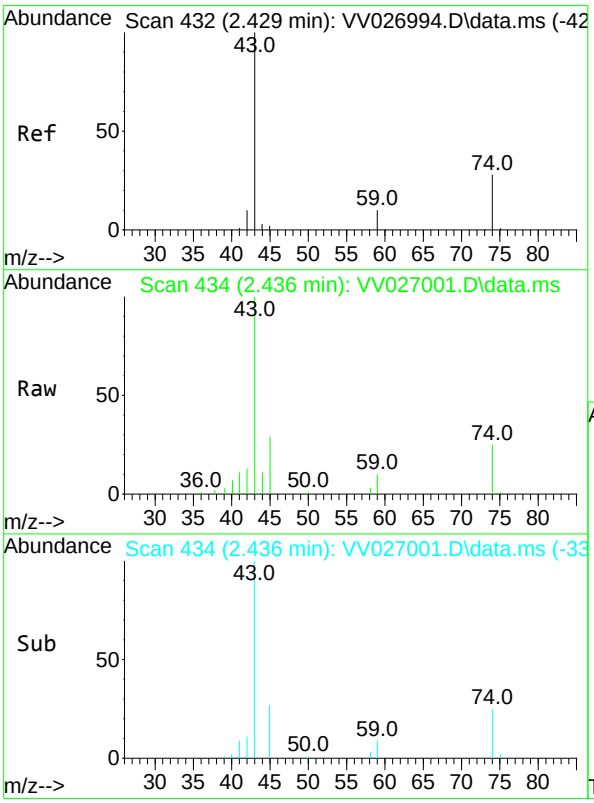
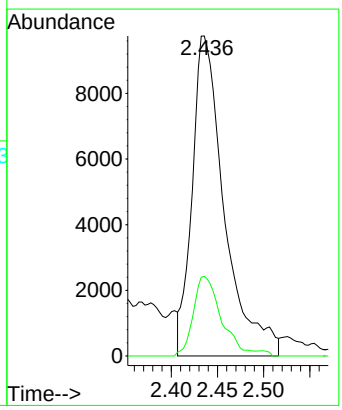


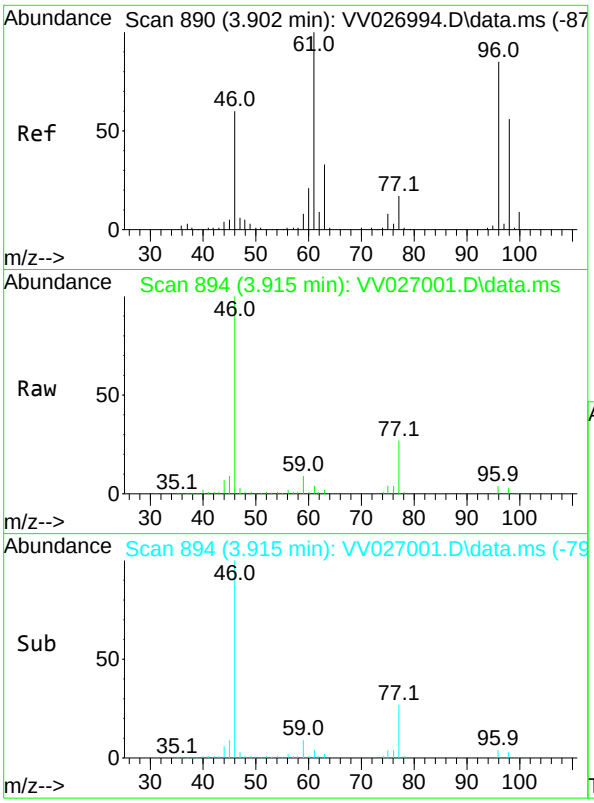


#15
Methyl Acetate
Concen: 5.327 ug/L m
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 23679

Ion	Ratio	Lower	Upper
43	100		
74	21.1	22.1	33.1#

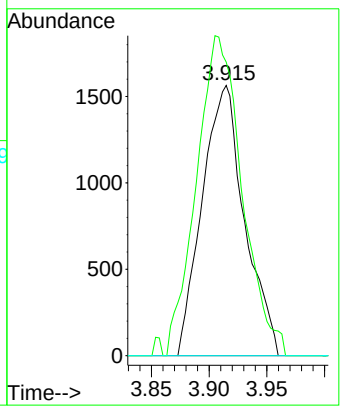




#20
cis-1,2-Dichloroethene
Concen: 0.912 ug/L
RT: 3.915 min Scan# 8
Delta R.T. 0.013 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 96 Resp: 398

Ion	Ratio	Lower	Upper
96	100		
61	108.6	83.0	154.1
68	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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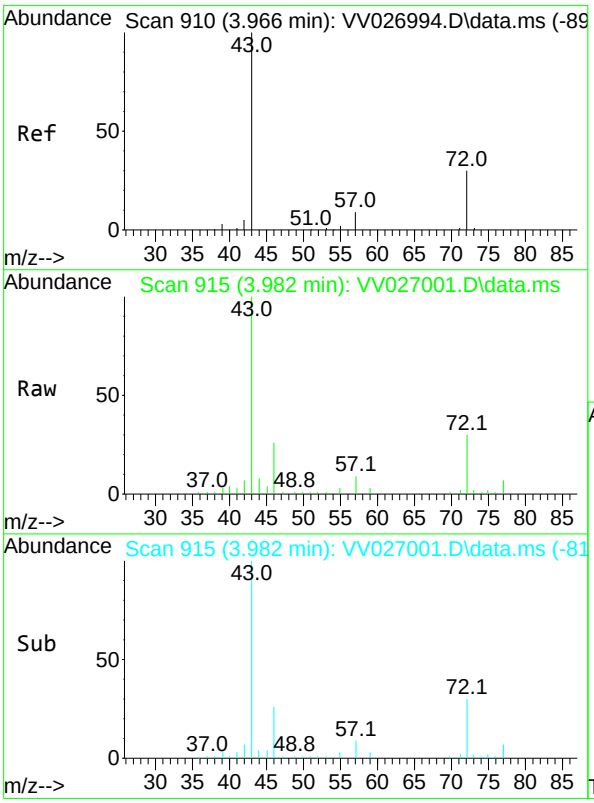
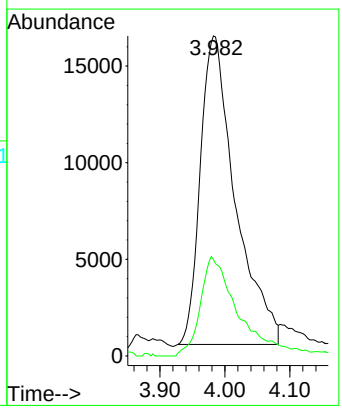
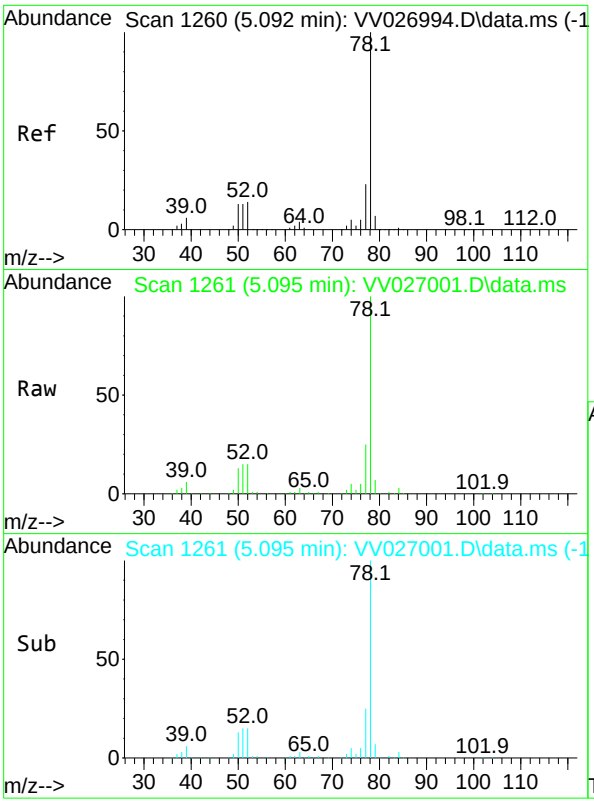


#22
2-Butanone
Concen: 21.780 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.016 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 59866

Ion	Ratio	Lower	Upper
43	100		
72	29.9	14.9	44.5





#33
Benzene
Concen: 27.169 ug/L
RT: 5.095 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 78 Resp: 44999

Instrument :
MSVOA_V
ClientSampleId :
DBUE1

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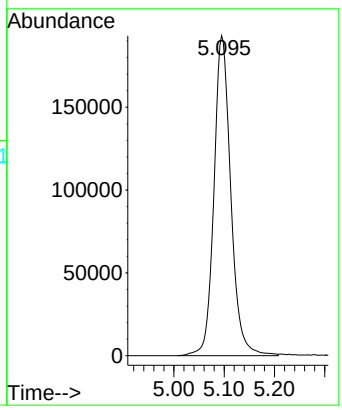
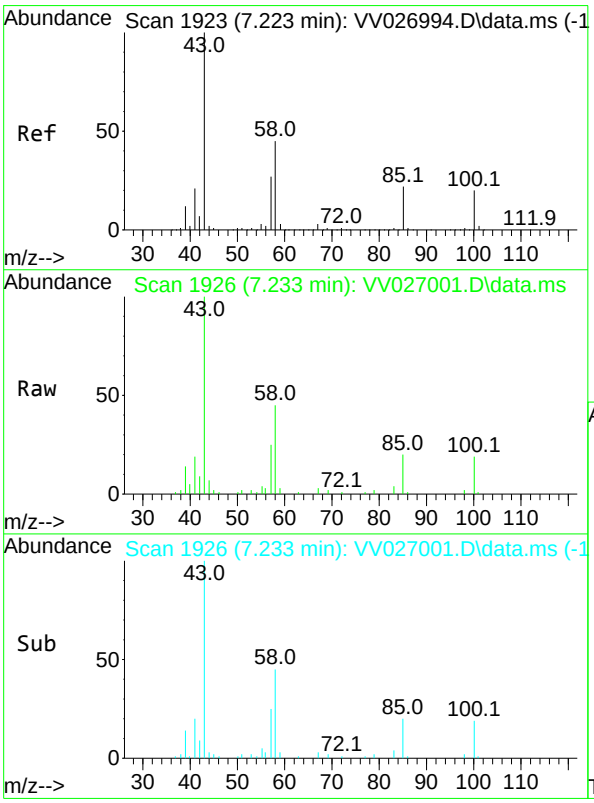
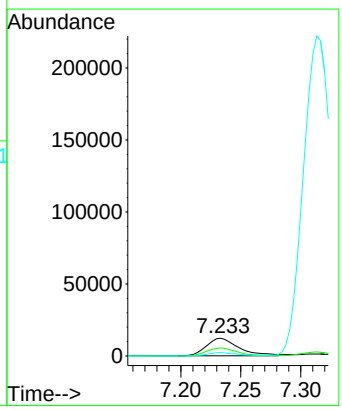


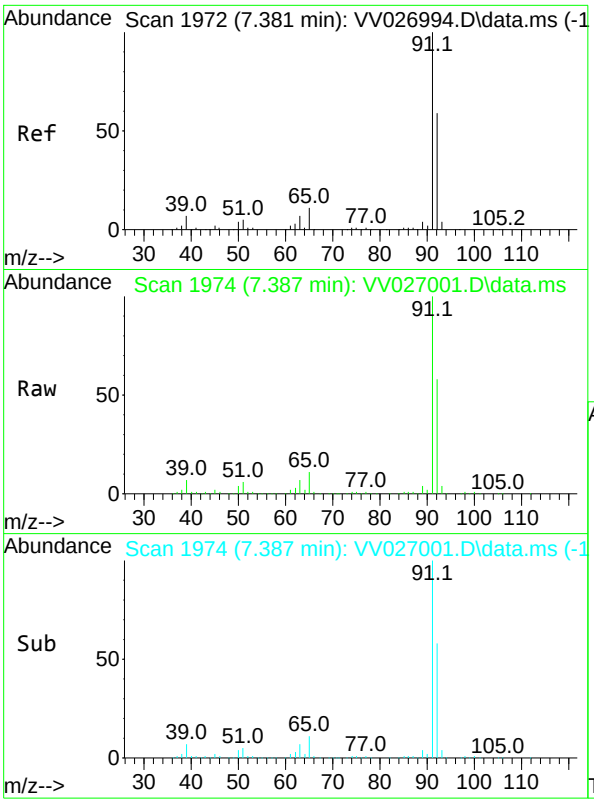


#40
4-Methyl-2-pentanone
Concen: 4.435 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.009 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 43 Resp: 22752

Ion	Ratio	Lower	Upper
43	100		
58	44.9	35.0	52.6
100	18.0	15.4	23.0





#42
Toluene
Concen: 25.872 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 91 Resp: 43738

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.5	75.1

Instrument :
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ClientSampleId :
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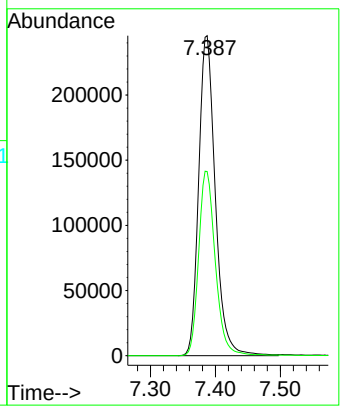
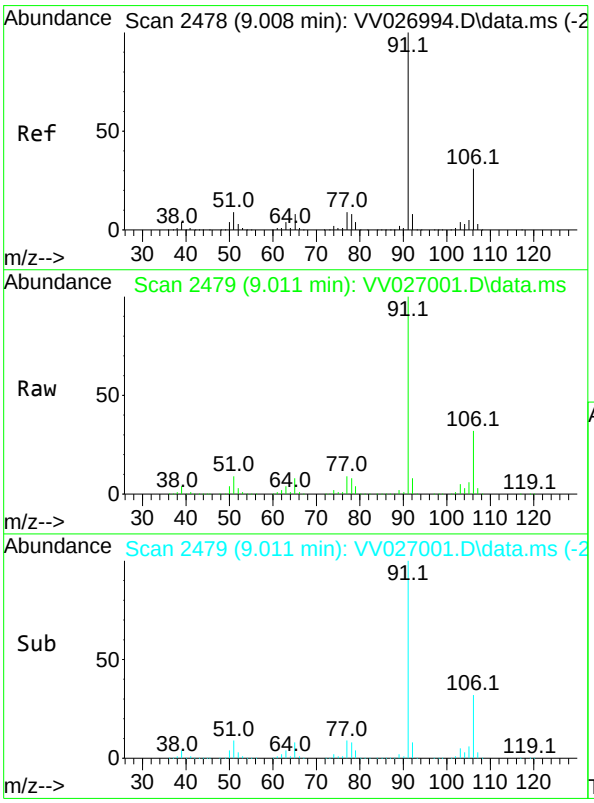
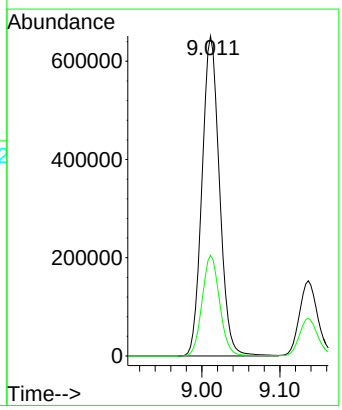


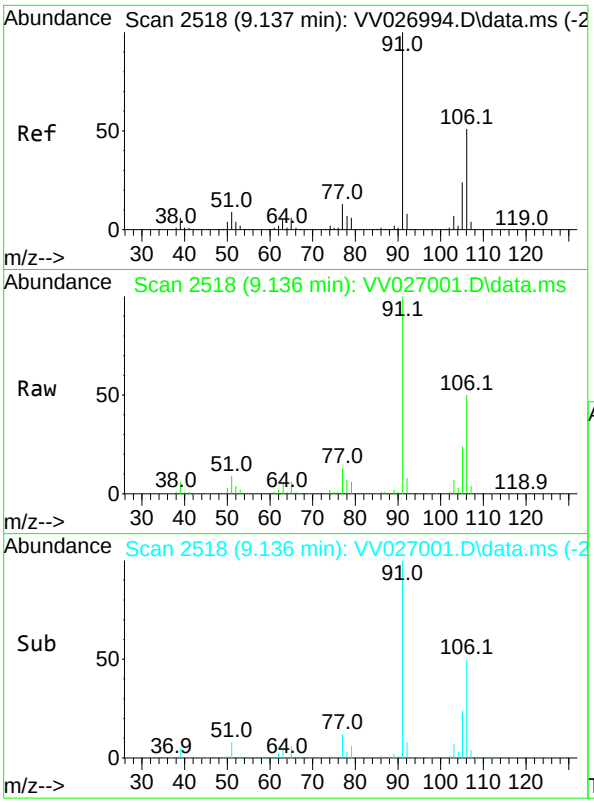


#52
Ethylbenzene
Concen: 57.789 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion: 91 Resp: 1014089

Ion	Ratio	Lower	Upper
91	100		
106	31.5	22.0	40.8





#53
m,p-Xylene
Concen: 18.045 ug/L
RT: 9.136 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:106 Resp: 12398

Ion	Ratio	Lower	Upper
106	100		
91	199.3	140.0	260.0

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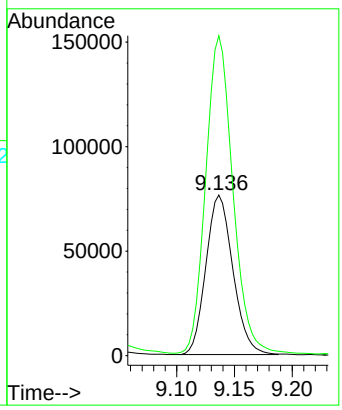
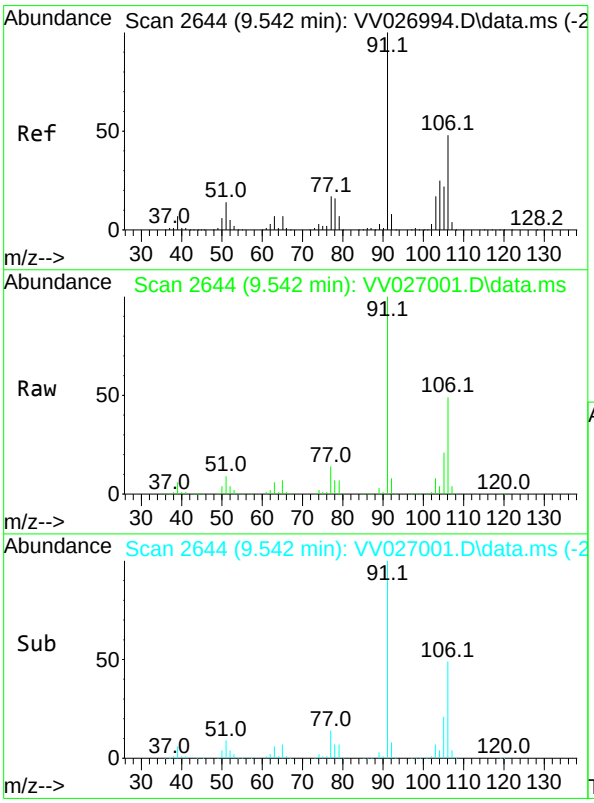
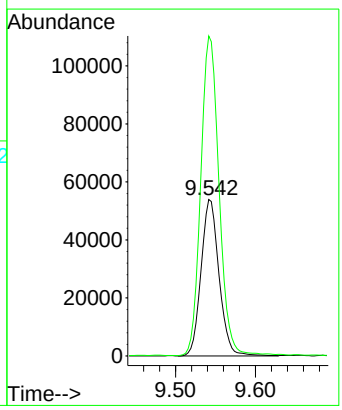


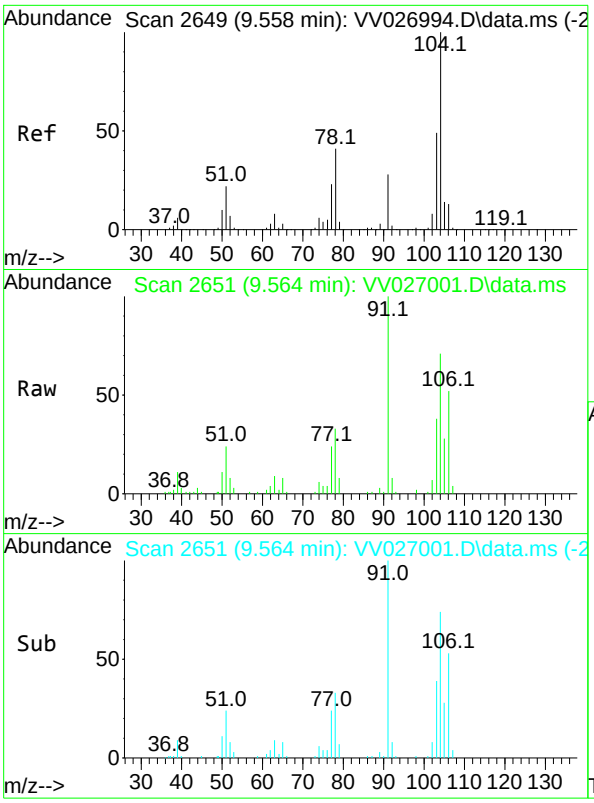


#54
o-Xylene
Concen: 12.766 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:106 Resp: 84483

Ion	Ratio	Lower	Upper
106	100		
91	204.5	146.1	271.3





#55
Styrene
Concen: 2.267 ug/L
RT: 9.564 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:104 Resp: 2649

Ion	Ratio	Lower	Upper
104	100		
78	46.3	29.6	55.0

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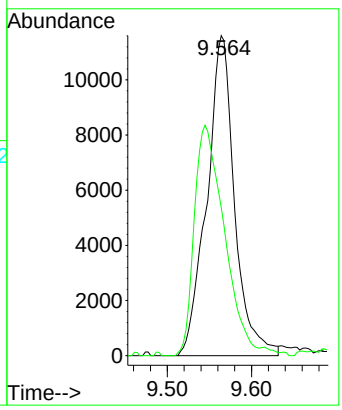
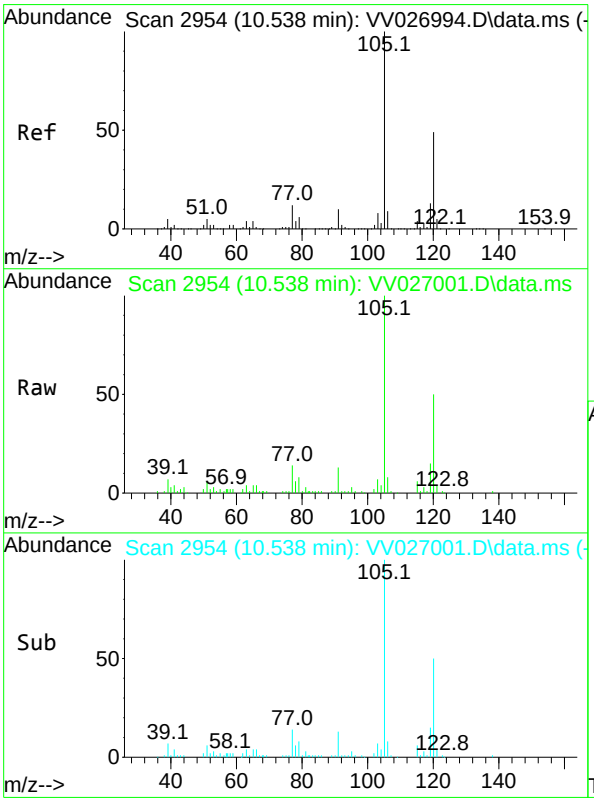
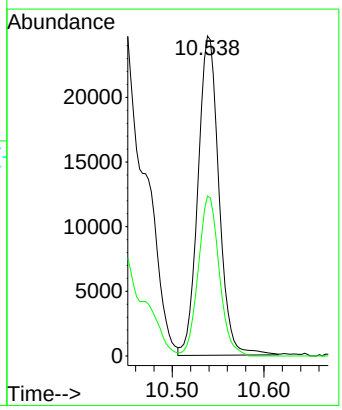


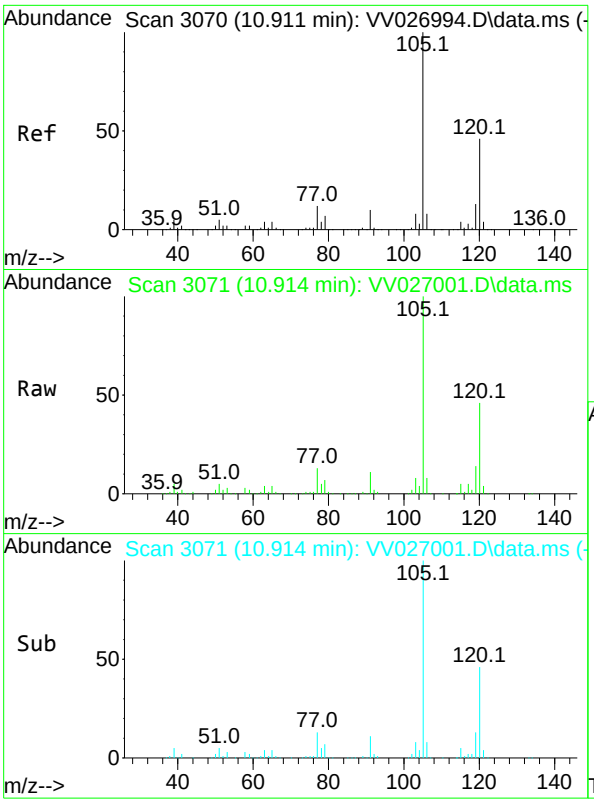


#62
1,3,5-Trimethylbenzene
Concen: 2.638 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:105 Resp: 39215

Ion	Ratio	Lower	Upper
105	100		
120	50.1	39.8	59.6

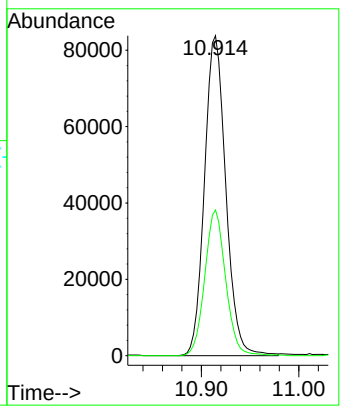




#63
1,2,4-Trimethylbenzene
Concen: 8.545 ug/L
RT: 10.914 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV027001.D
Acq: 27 Jul 2022 16:08

Tgt Ion:105 Resp: 12742

Ion	Ratio	Lower	Upper
105	100		
120	44.6	37.1	55.7



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