Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
Data File : VV037262.D
Acq On : 12 Sep 2024 12:30
Operator : SY/MD
Sample : P3900-01MEDL 5X
Misc : 5.66G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

Quant Time: Sep 13 00:45:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 00:43:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	765739	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	739678	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	385824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257152	36.711	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.420%			
7) Chloroethane-d5	1.519	69	217994	40.268	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.540%			
11) 1,1-Dichloroethene-d2	2.053	65	115013	39.066	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.140%			
21) 2-Butanone-d5	3.793	46	225333	83.070	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.070%			
24) Chloroform-d	4.239	84	468204	42.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.420%			
26) 1,2-Dichloroethane-d4	4.934	65	306048	44.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.660%			
32) Benzene-d6	4.950	84	951981	42.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.220%			
36) 1,2-Dichloropropane-d6	5.982	67	308750	44.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.240%			
41) Toluene-d8	7.236	98	848923	42.103	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.200%			
43) trans-1,3-Dichloroprop...	7.551	79	138874	42.897	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.800%			
47) 2-Hexanone-d5	8.024	63	169866	88.946	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.950%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	390552	46.019	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.040%			
66) 1,2-Dichlorobenzene-d4	11.554	152	349533	45.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.460%			
Target Compounds						Qvalue
13) Acetone	2.114	43	11386	3.914	ug/L	84
40) 4-Methyl-2-pentanone	7.169	43	28699	4.933	ug/L	97
42) Toluene	7.323	91	33213	1.494	ug/L	97
52) Ethylbenzene	8.944	91	52891	2.107	ug/L	96
53) m,p-Xylene	9.069	106	88030	9.464	ug/L	99
54) o-Xylene	9.474	106	73197	8.037	ug/L	99
60) Isopropylbenzene	9.863	105	100824	4.031	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	602965	29.464	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1735193	84.965	ug/L	99

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

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Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

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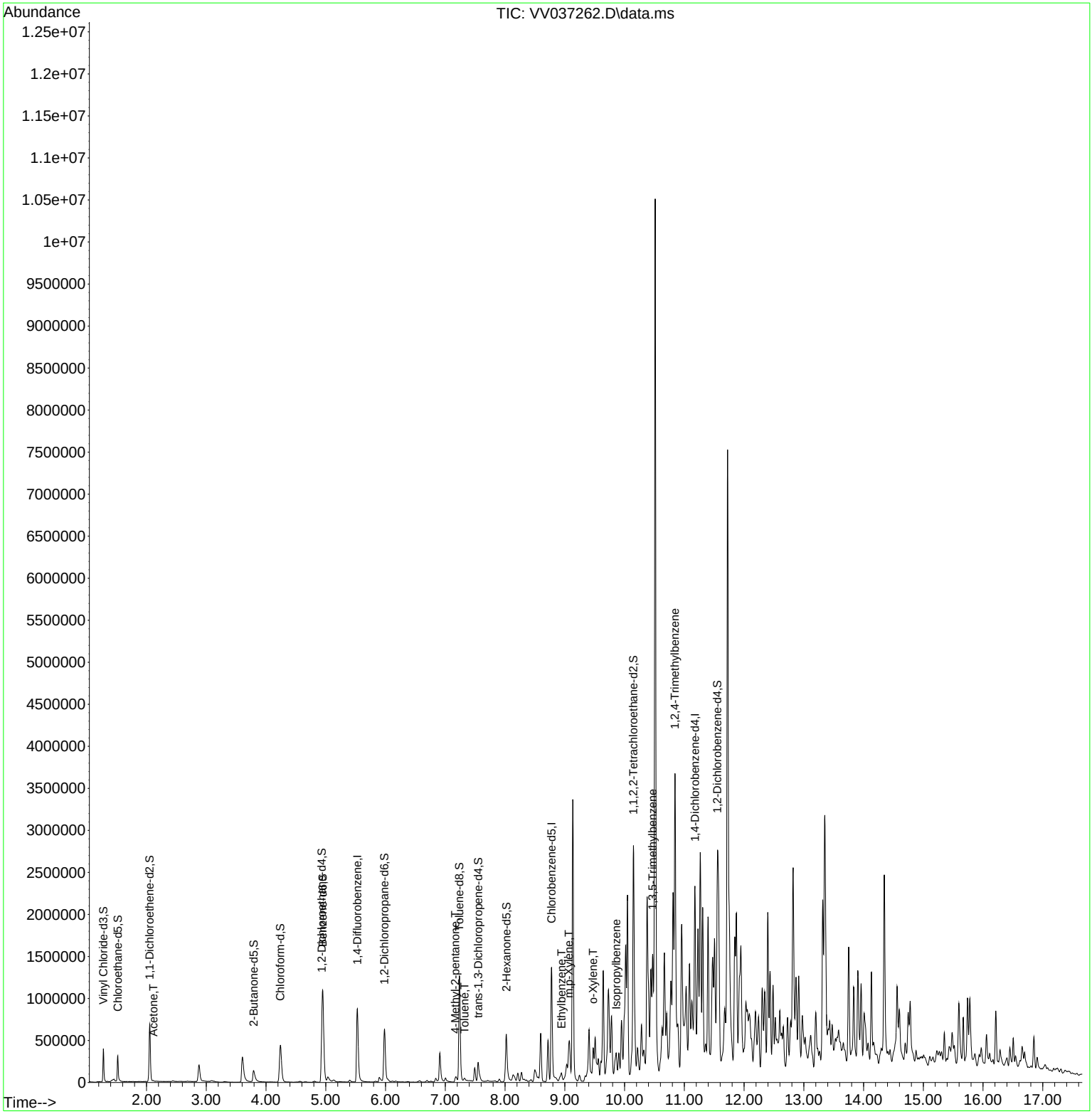
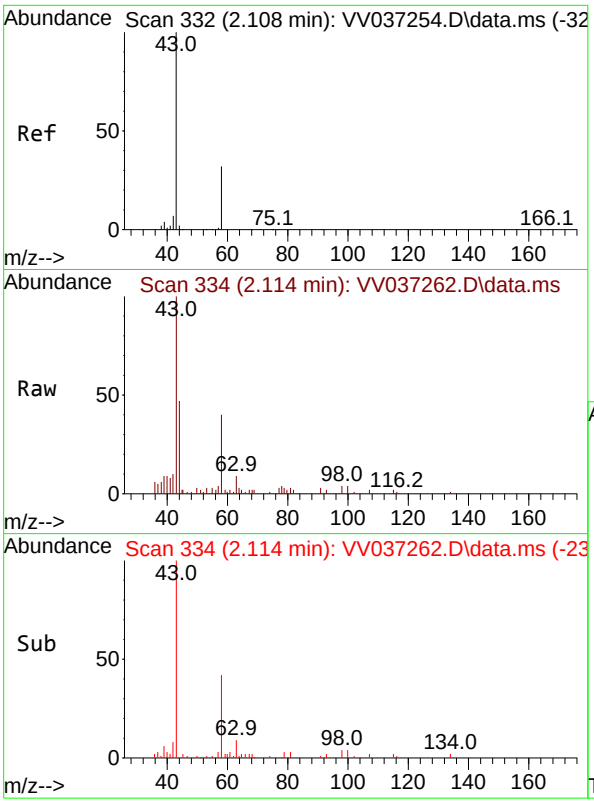


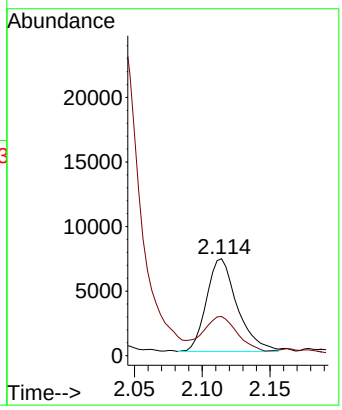


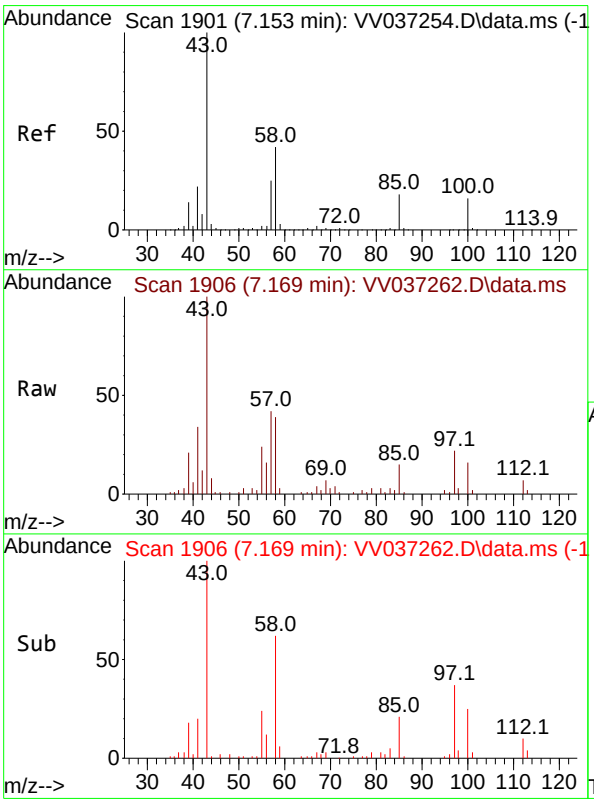
#13
Acetone
Concen: 3.914 ug/L
RT: 2.114 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

Tgt Ion: 43 Resp: 11386

Ion	Ratio	Lower	Upper
43	100		
58	41.2	0.0	64.8

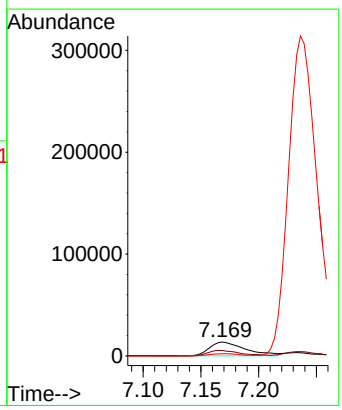


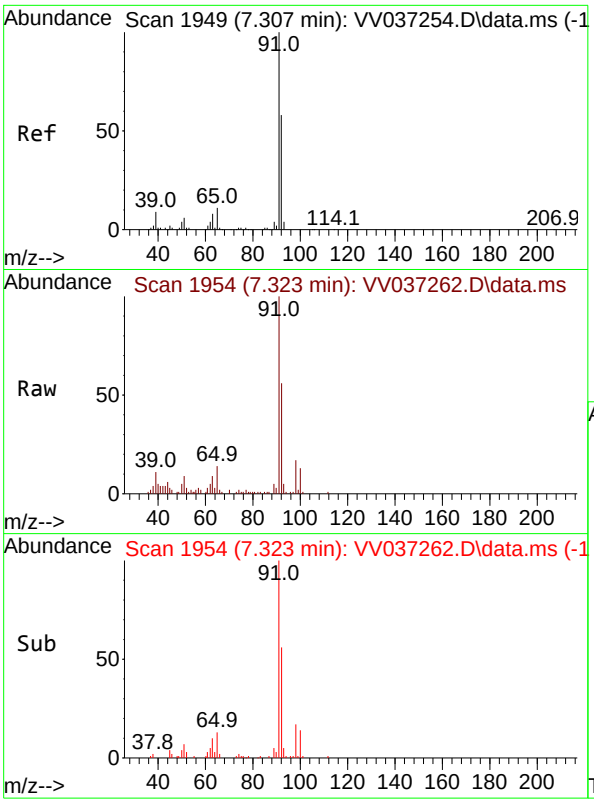


#40
4-Methyl-2-pentanone
Concen: 4.933 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.016 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Tgt Ion: 43 Resp: 28699

Ion	Ratio	Lower	Upper
43	100		
58	37.6	32.0	48.0
100	14.9	12.4	18.6



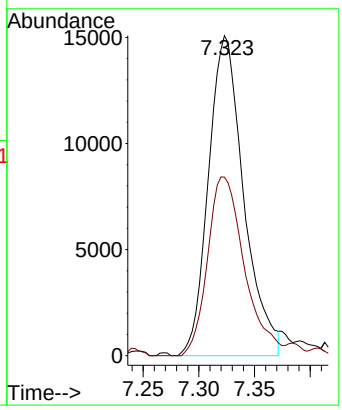


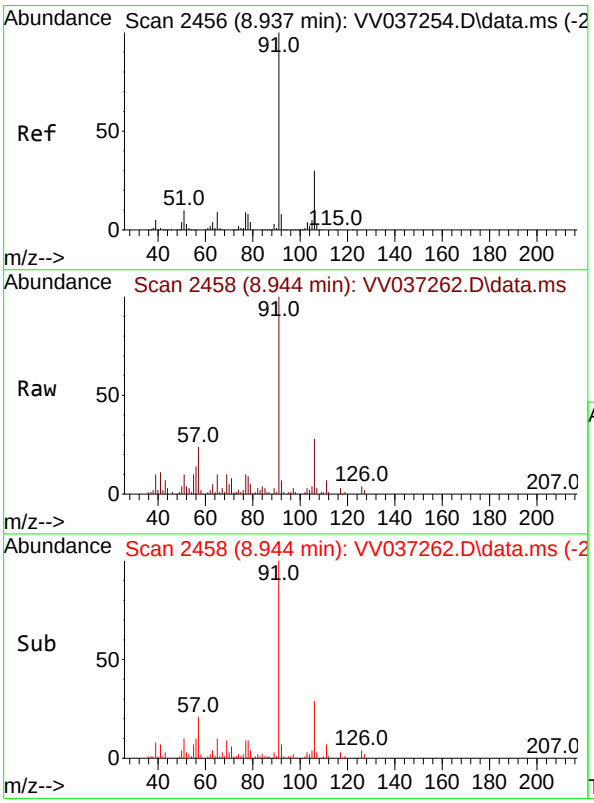
#42
Toluene
Concen: 1.494 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

Tgt Ion: 91 Resp: 33213

Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.8	75.8

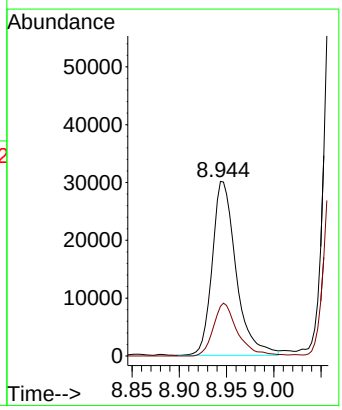


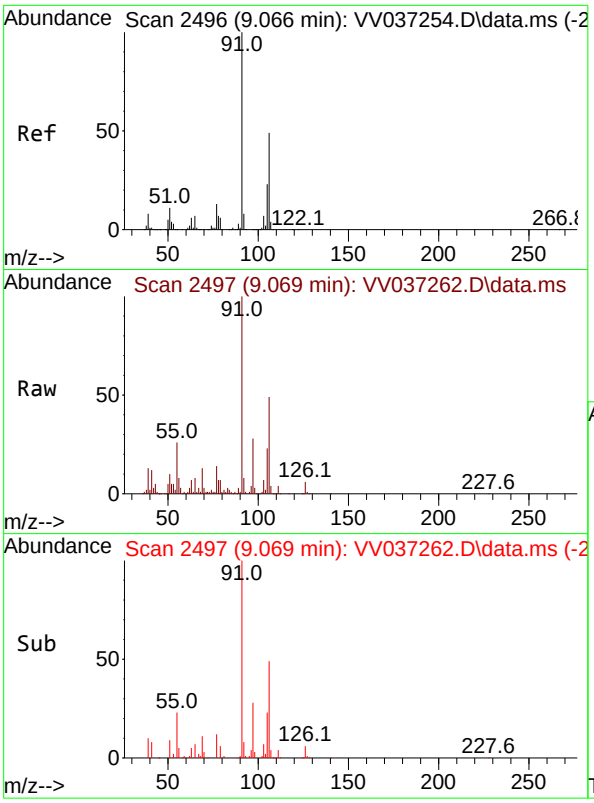


#52
Ethylbenzene
Concen: 2.107 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.006 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Tgt Ion: 91 Resp: 52891

Ion	Ratio	Lower	Upper
91	100		
106	28.4	21.4	39.8



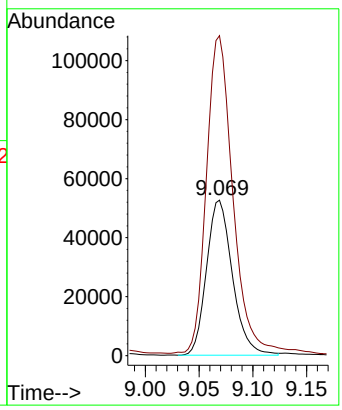


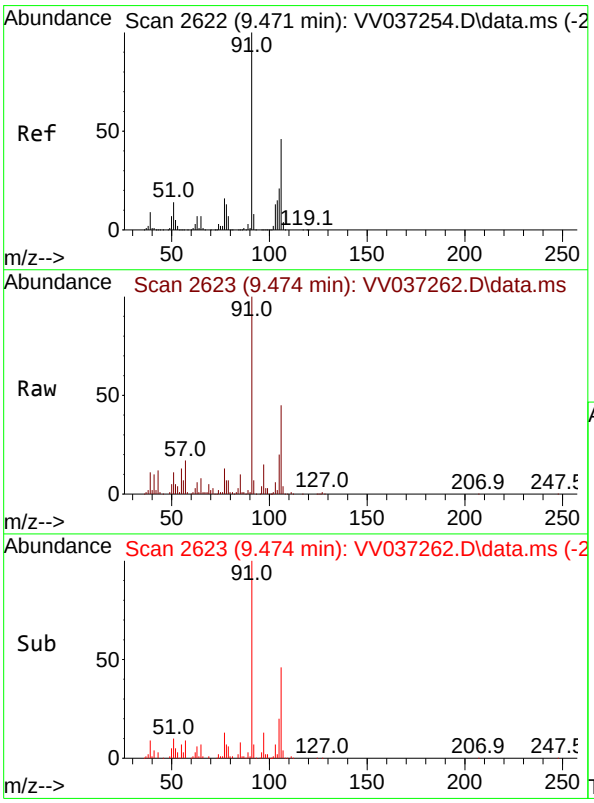
#53
m,p-Xylene
Concen: 9.464 ug/L
RT: 9.069 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

Tgt Ion:106 Resp: 88030

Ion	Ratio	Lower	Upper
106	100		
91	205.8	143.0	265.6

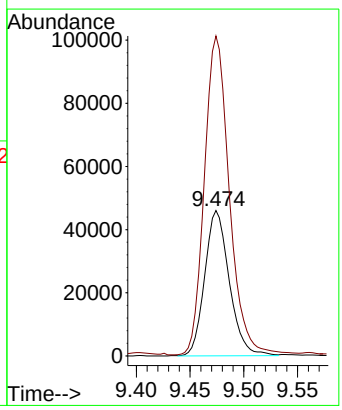


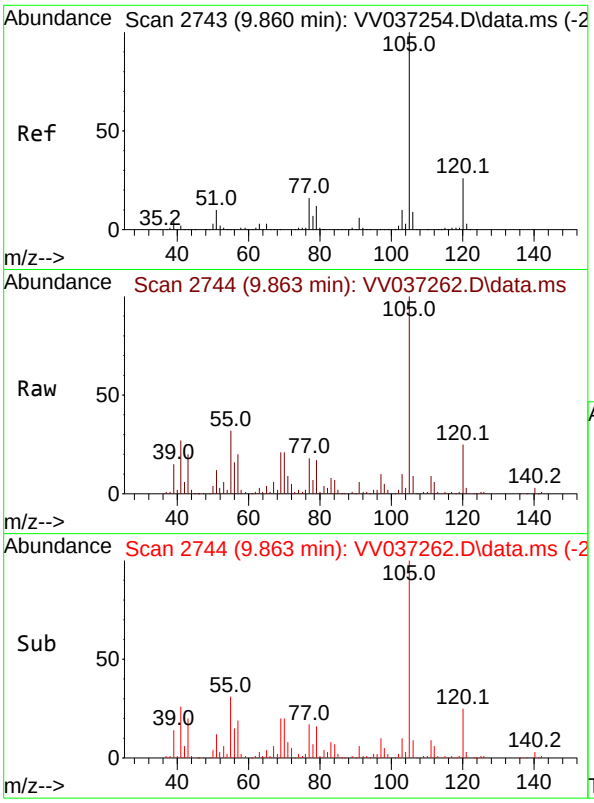


#54
o-Xylene
Concen: 8.037 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Tgt Ion:106 Resp: 73197

Ion	Ratio	Lower	Upper
106	100		
91	220.0	153.2	284.6



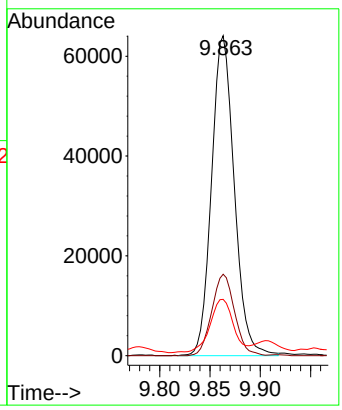


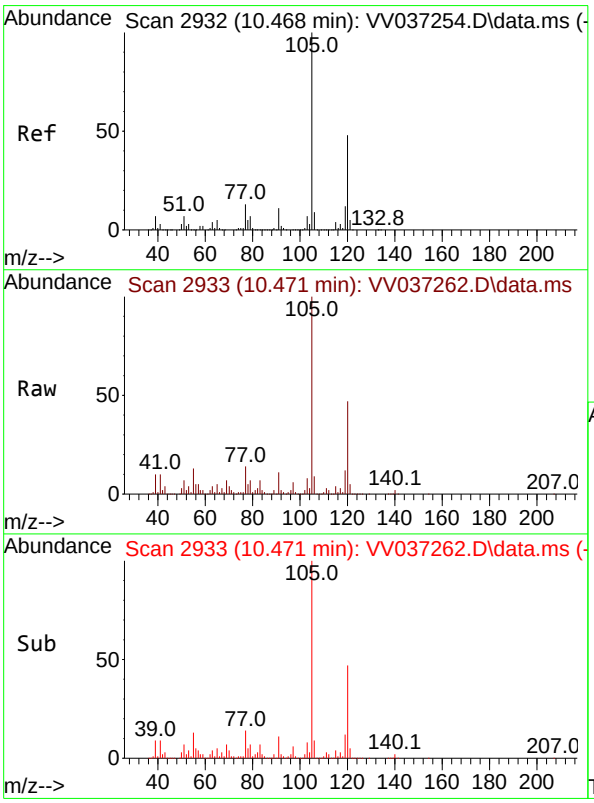
#60
Isopropylbenzene
Concen: 4.031 ug/L
RT: 9.863 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

Tgt Ion:105 Resp: 100824

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.9	31.3
77	16.4	12.6	19.0

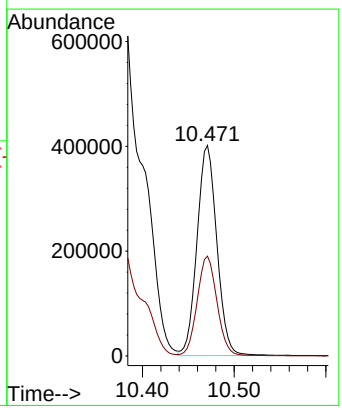


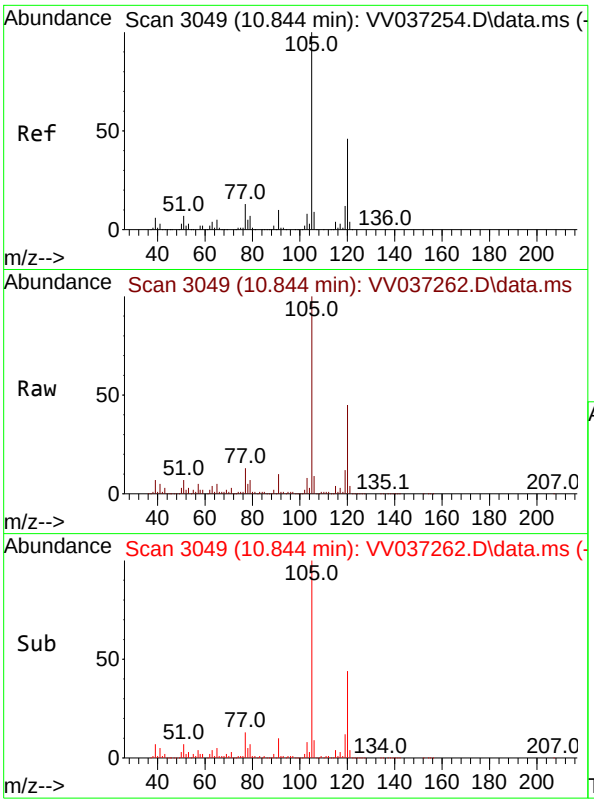


#62
1,3,5-Trimethylbenzene
Concen: 29.464 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Tgt Ion:105 Resp: 602965

Ion	Ratio	Lower	Upper
105	100		
120	47.4	38.3	57.5





#63
1,2,4-Trimethylbenzene
Concen: 84.965 ug/L
RT: 10.844 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV037262.D
Acq: 12 Sep 2024 12:30

Instrument :
MSVOA_V
ClientSampleId :
DCVZ0MEDL

Tgt Ion:105 Resp: 1735193

Ion	Ratio	Lower	Upper
105	100		
120	44.2	35.8	53.6