Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036124.D
Acq On : 18 Jun 2024 17:13
Operator : SY/MD
Sample : P2873-20
Misc : 4.78g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 19 03:32:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	593484	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	604547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	259043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	173621	15.912	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.640%			
7) Chloroethane-d5	1.526	69	144759	16.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.560%			
11) 1,1-Dichloroethene-d2	2.047	65	79729	16.414	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.640%			
21) 2-Butanone-d5	3.825	46	94394	37.706	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.420%			
24) Chloroform-d	4.243	84	320835	17.004	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 68.000%			
26) 1,2-Dichloroethane-d4	4.937	65	192738	19.483	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.920%			
32) Benzene-d6	4.953	84	617731	17.190	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 68.760%			
36) 1,2-Dichloropropane-d6	5.985	67	209135	18.480	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 73.920%			
41) Toluene-d8	7.239	98	519187	16.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.480%			
43) trans-1,3-Dichloroprop...	7.554	79	83534	18.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.000%			
47) 2-Hexanone-d5	8.030	63	66126	43.128	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.260%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	168343	19.907	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.640%			
66) 1,2-Dichlorobenzene-d4	11.558	152	183048	19.269	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.080%			
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	65042	4.843	ug/L	99
46) Tetrachloroethene	7.902	164	283930	32.036	ug/L	99
48) 2-Hexanone	8.027	43	8328	1.889	ug/L #	74
53) m,p-Xylene	9.075	106	17345	1.068	ug/L	97
54) o-Xylene	9.480	106	7268	0.475	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	10231	0.425	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	30041	1.157	ug/L	98
71) Naphthalene	13.435	128	716741	42.726	ug/L	99

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

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Instrument :
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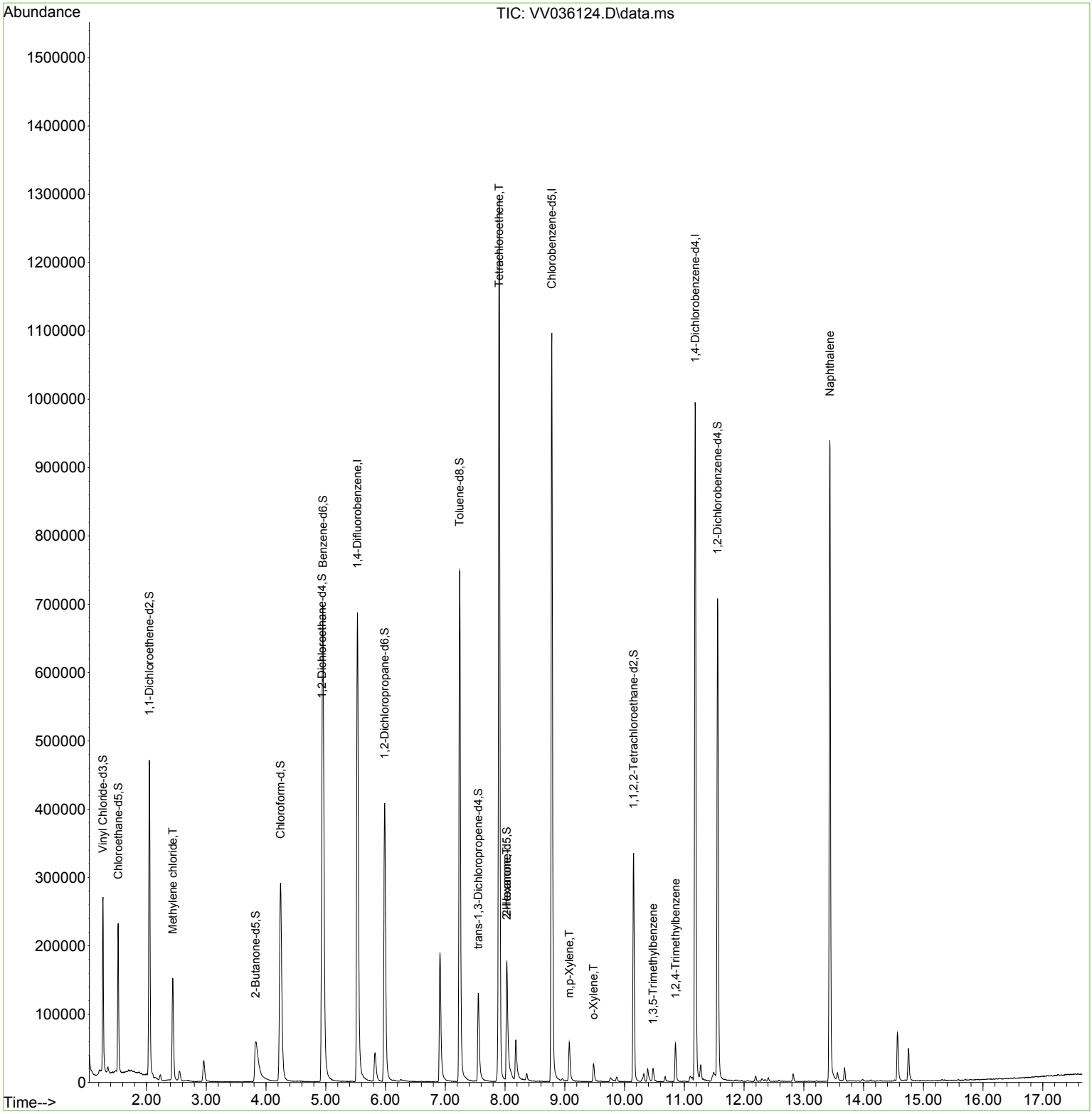
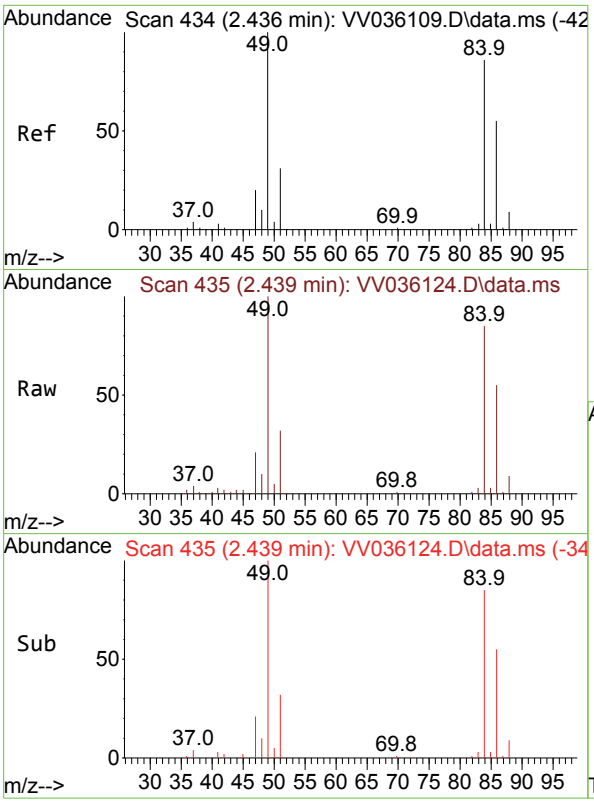
ClientSampleId :

Quant Time: Jun 19 03:32:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration



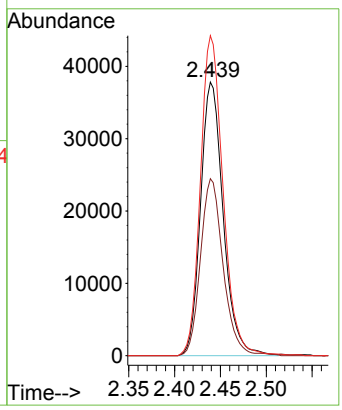


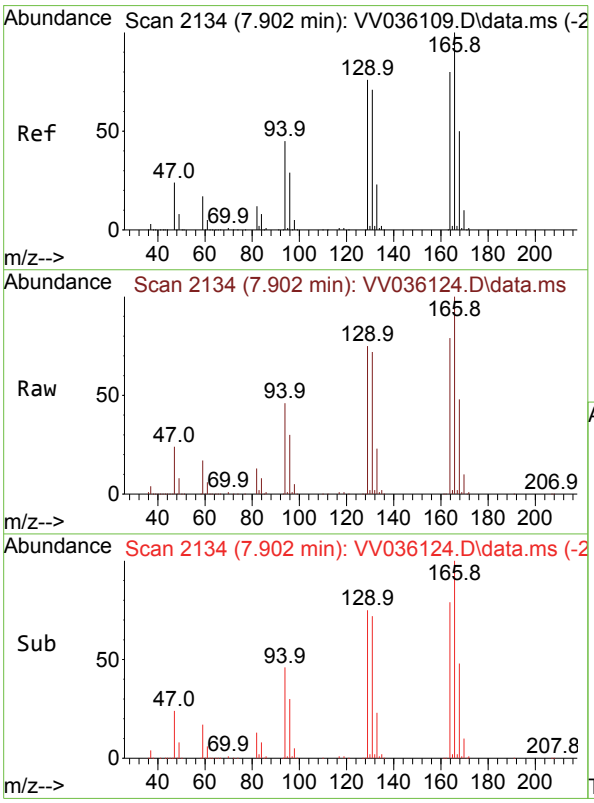
#16
Methylene chloride
Concen: 4.843 ug/L
RT: 2.439 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 65042

Ion	Ratio	Lower	Upper
84	100		
86	64.7	44.6	82.8
49	117.0	81.1	150.5

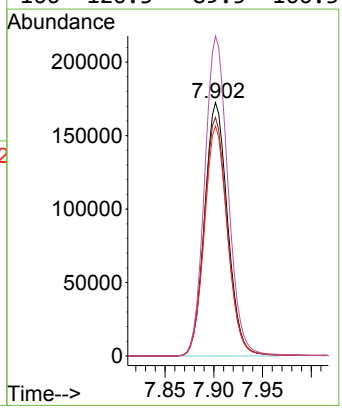


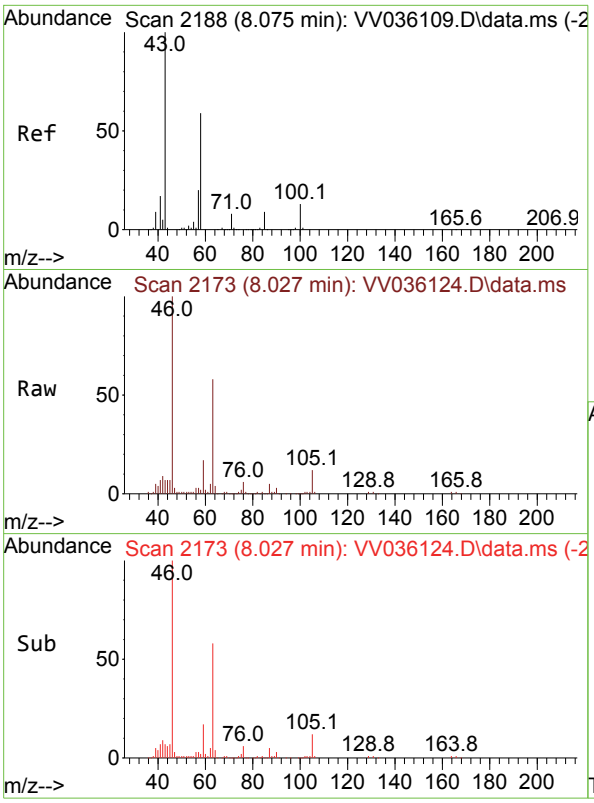


#46
Tetrachloroethene
Concen: 32.036 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Tgt Ion:164 Resp: 283930

Ion	Ratio	Lower	Upper
164	100		
129	94.1	64.6	120.0
131	90.7	63.2	117.4
166	126.3	89.5	166.3



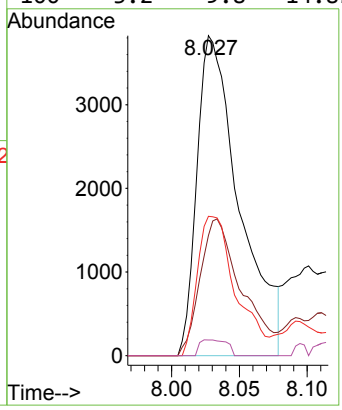


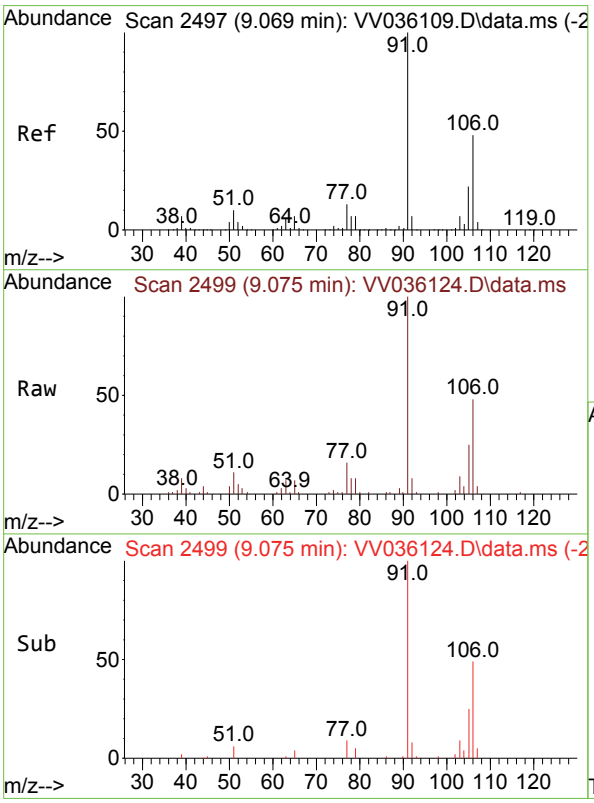
#48
2-Hexanone
Concen: 1.889 ug/L
RT: 8.027 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8328

Ion	Ratio	Lower	Upper
43	100		
58	41.5	45.4	68.0#
57	39.5	15.8	23.8#
100	3.2	9.8	14.8#

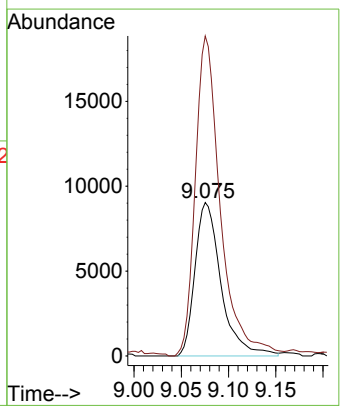


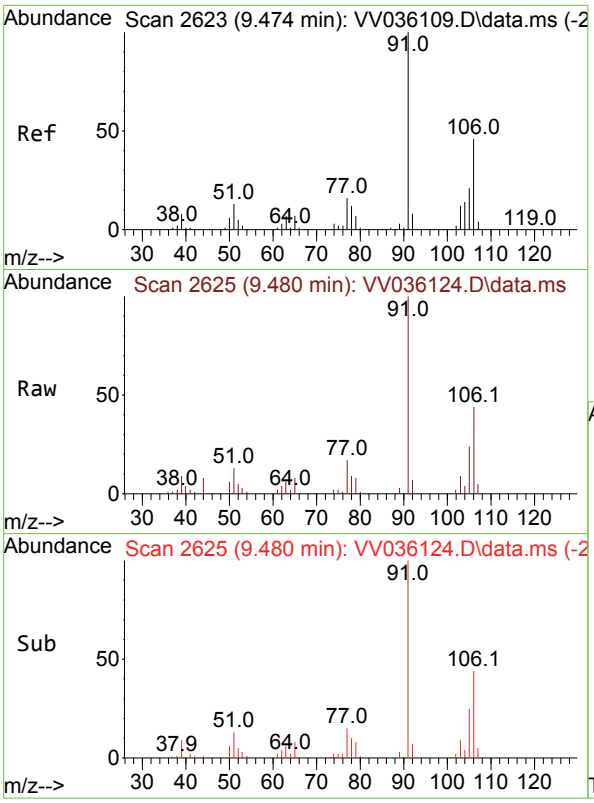


#53
m,p-Xylene
Concen: 1.068 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.006 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Tgt Ion:106 Resp: 17345

Ion	Ratio	Lower	Upper
106	100		
91	208.5	143.1	265.9



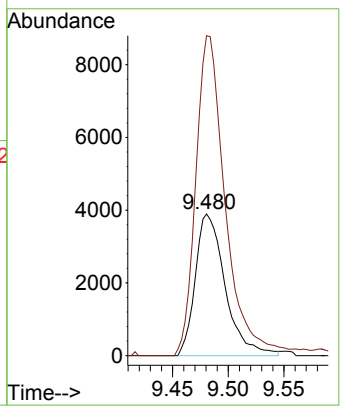


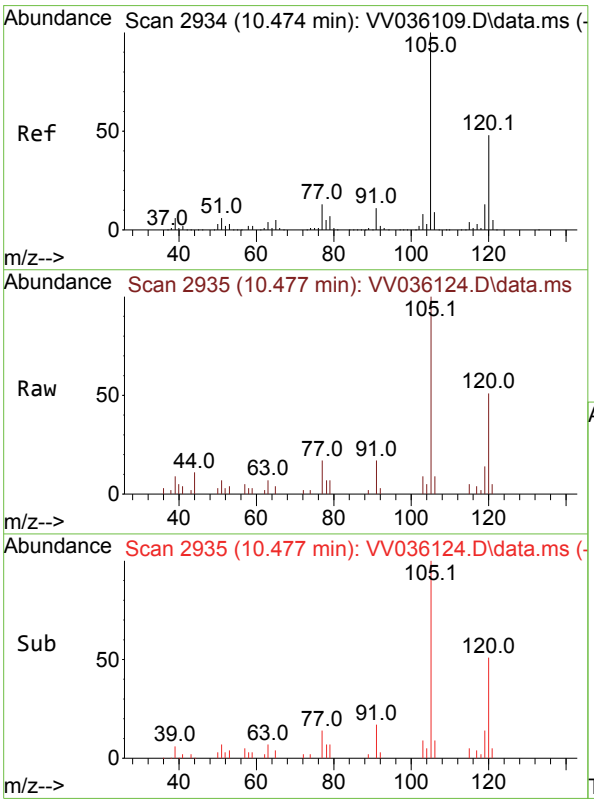
#54
o-Xylene
Concen: 0.475 ug/L
RT: 9.480 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 7268

Ion	Ratio	Lower	Upper
106	100		
91	225.7	154.5	286.9

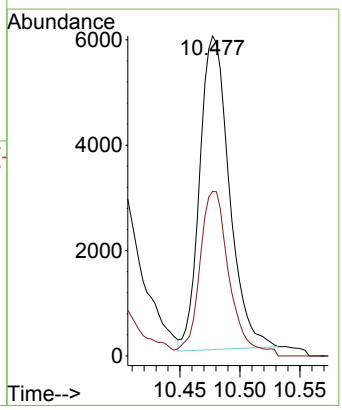


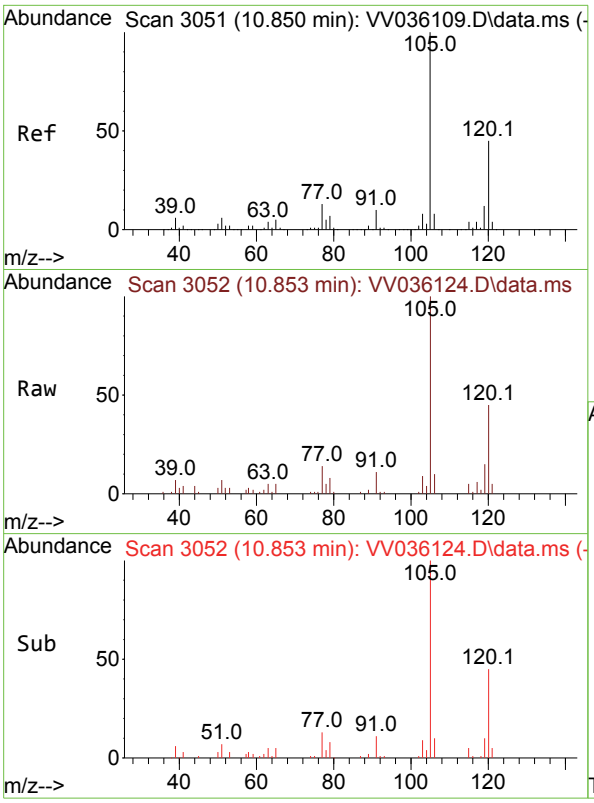


#62
1,3,5-Trimethylbenzene
Concen: 0.425 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Tgt Ion:105 Resp: 10231

Ion	Ratio	Lower	Upper
105	100		
120	47.7	38.6	58.0



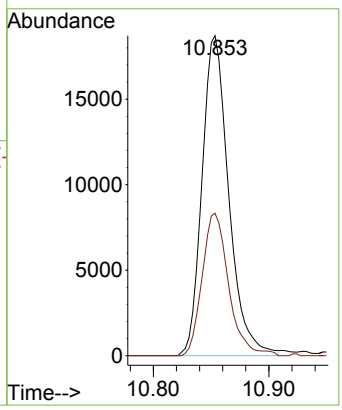


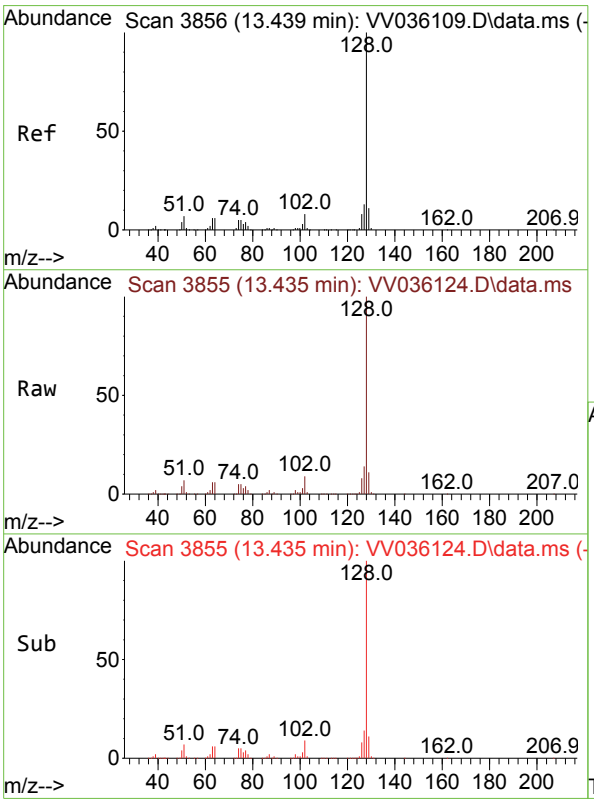
#63
1,2,4-Trimethylbenzene
Concen: 1.157 ug/L
RT: 10.853 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 30041

Ion	Ratio	Lower	Upper
105	100		
120	43.7	36.2	54.4





#71
Naphthalene
Concen: 42.726 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.003 min
Lab File: VV036124.D
Acq: 18 Jun 2024 17:13

Tgt Ion:128 Resp: 716741

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	10.6	8.8	13.2