Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
Data File : VV035684.D
Acq On : 22 May 2024 18:32
Operator : SY/MD
Sample : P2566-04
Misc : 4.29g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 23 02:26:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 02:17:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	335137	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	259981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	90944	17.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.240%			
7) Chloroethane-d5	1.529	69	83679	20.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.080%			
11) 1,1-Dichloroethene-d2	2.053	65	41294	18.007	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.040%			
21) 2-Butanone-d5	3.831	46	55359	37.659	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.320%			
24) Chloroform-d	4.246	84	208721	20.949	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.800%			
26) 1,2-Dichloroethane-d4	4.944	65	114084	23.162	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.640%			
32) Benzene-d6	4.960	84	339433	23.851	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	5.989	67	124040	28.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.960%			
41) Toluene-d8	7.243	98	226048	17.847	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.400%			
43) trans-1,3-Dichloroprop...	7.561	79	32716	17.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.680%			
47) 2-Hexanone-d5	8.034	63	32379	41.000	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.000%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	104437	24.678	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.720%			
66) 1,2-Dichlorobenzene-d4	11.561	152	44145	20.103	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.400%			
Target Compounds						Qvalue
13) Acetone	2.146	43	5722	2.659	ug/L	87
16) Methylene chloride	2.442	84	36652	4.743	ug/L	98
48) 2-Hexanone	8.030	43	3133	1.554	ug/L #	64
53) m,p-Xylene	9.082	106	3128	0.410	ug/L	90
54) o-Xylene	9.487	106	3105	0.430	ug/L	90
62) 1,3,5-Trimethylbenzene	10.484	105	2503	0.379	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	5714	0.841	ug/L	98

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

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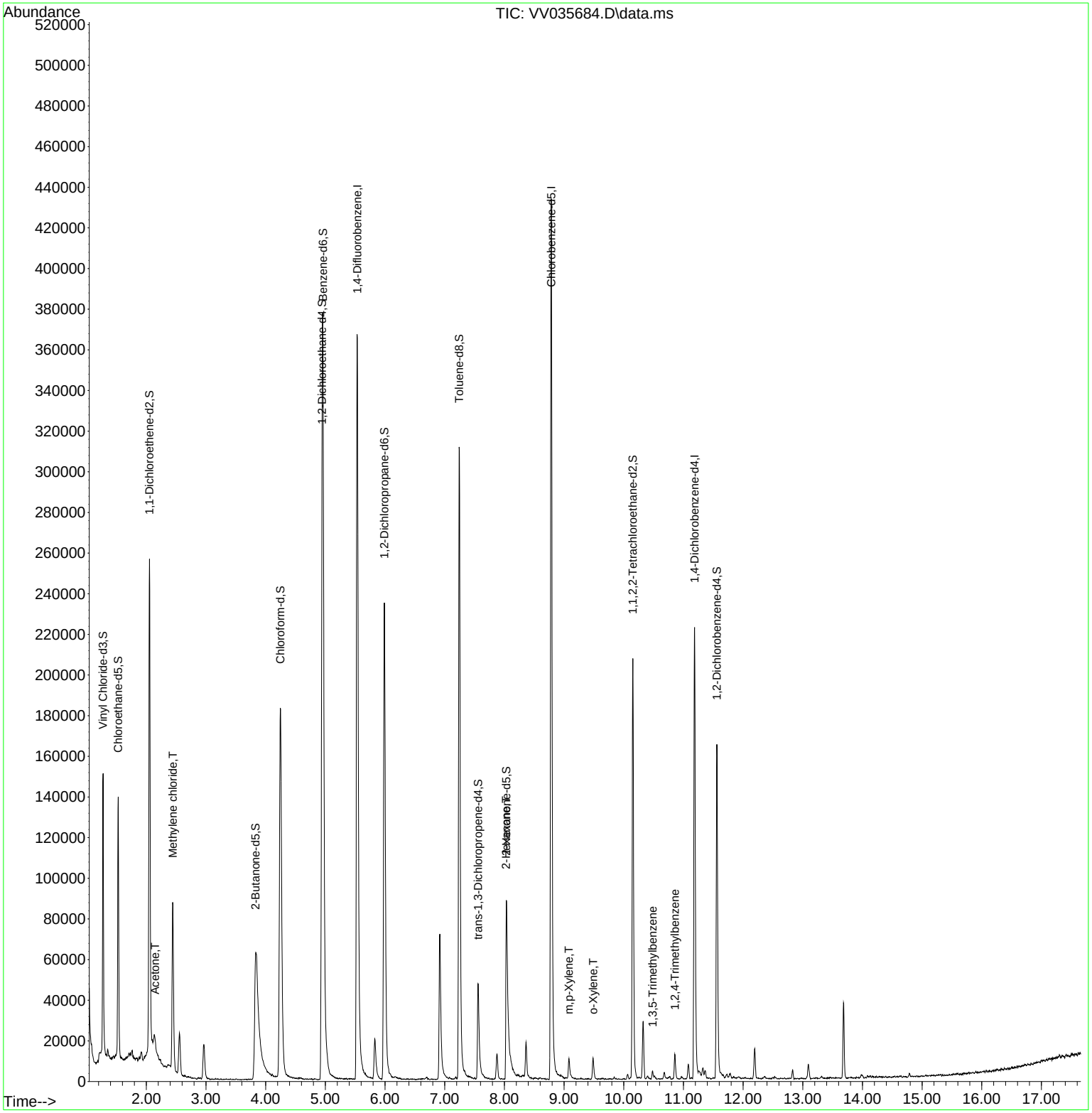
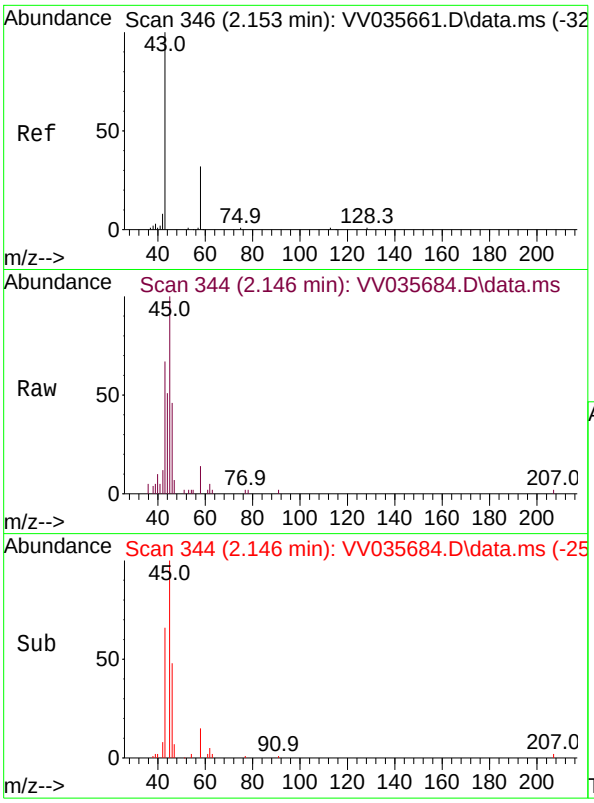


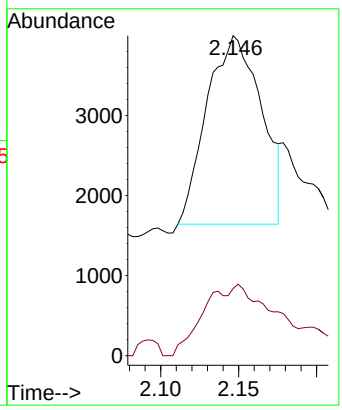


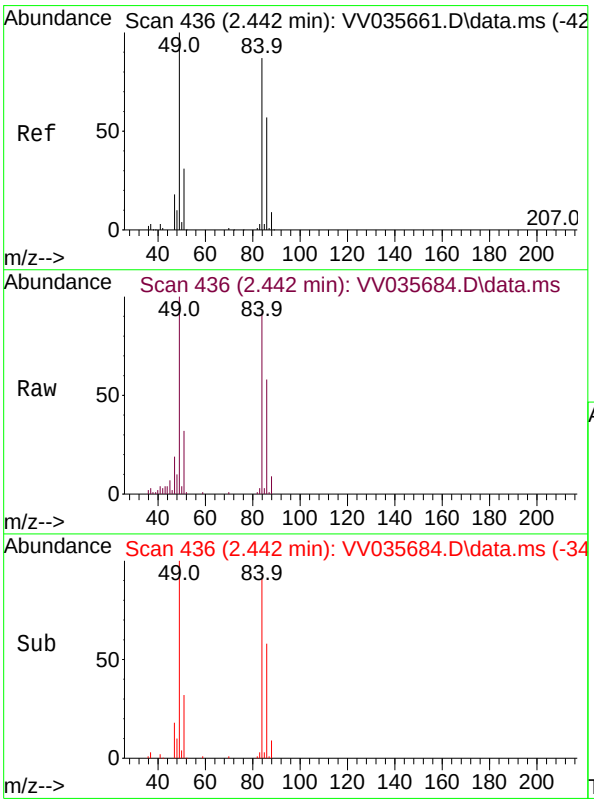
#13
Acetone
Concen: 2.659 ug/L
RT: 2.146 min Scan# 3
Delta R.T. -0.007 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5722

Ion	Ratio	Lower	Upper
43	100		
58	16.6	0.0	22.8

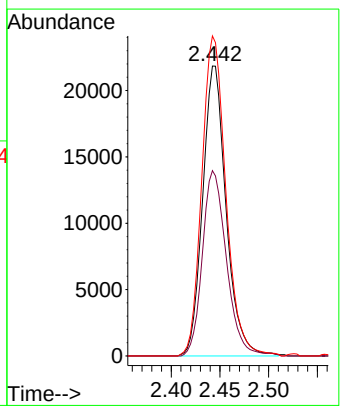


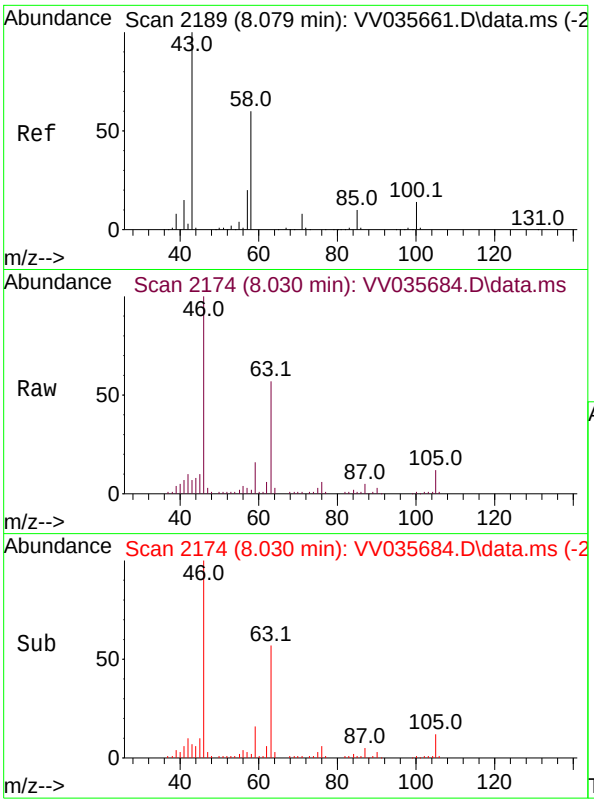


#16
Methylene chloride
Concen: 4.743 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Tgt Ion: 84 Resp: 36652

Ion	Ratio	Lower	Upper
84	100		
86	63.9	43.8	81.3
49	110.4	75.3	139.9



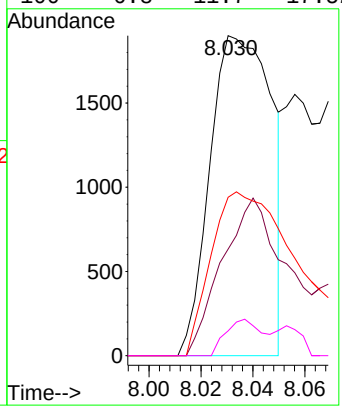


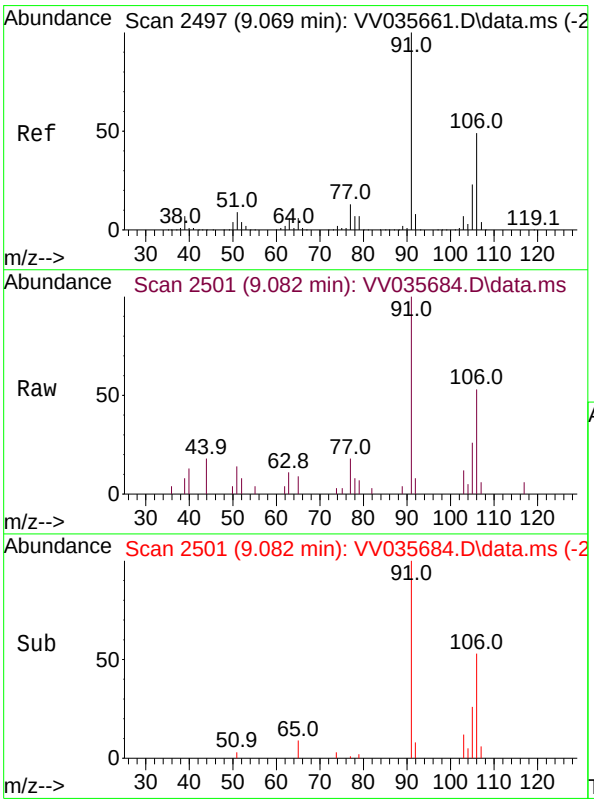
#48
2-Hexanone
Concen: 1.554 ug/L
RT: 8.030 min Scan# 2
Delta R.T. -0.048 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3133

Ion	Ratio	Lower	Upper
43	100		
58	51.1	48.8	73.2
57	73.7	16.9	25.3#
100	6.8	11.7	17.5#

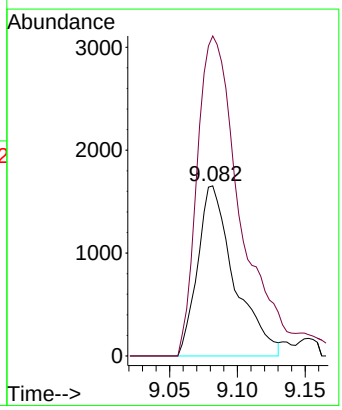


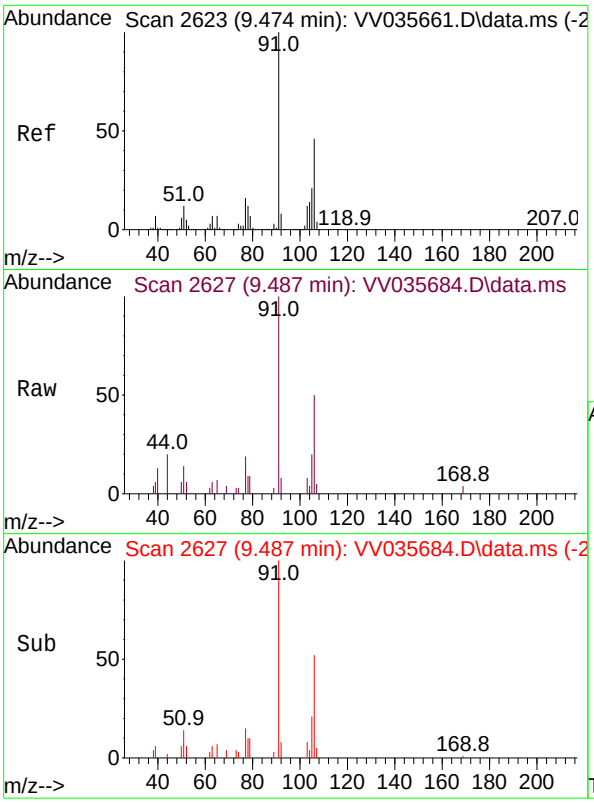


#53
m,p-Xylene
Concen: 0.410 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.013 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Tgt Ion:106 Resp: 3128

Ion	Ratio	Lower	Upper
106	100		
91	188.1	142.7	264.9



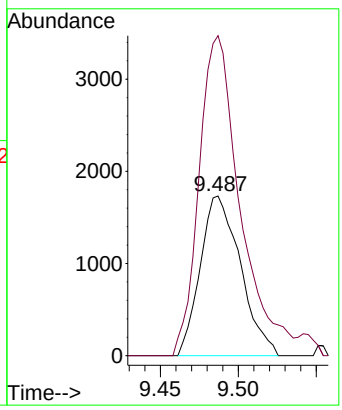


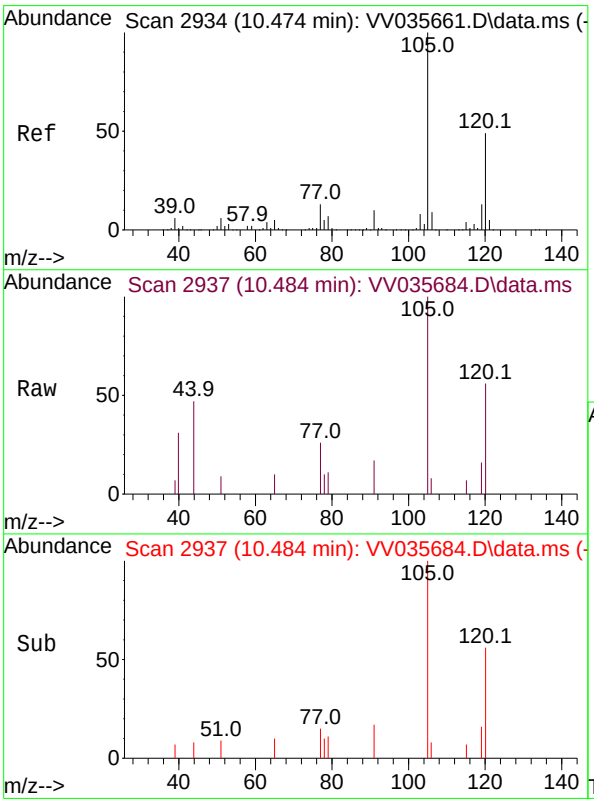
#54
o-Xylene
Concen: 0.430 ug/L
RT: 9.487 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 3105

Ion	Ratio	Lower	Upper
106	100		
91	200.3	150.9	280.3

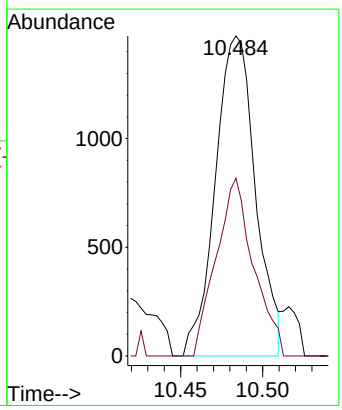


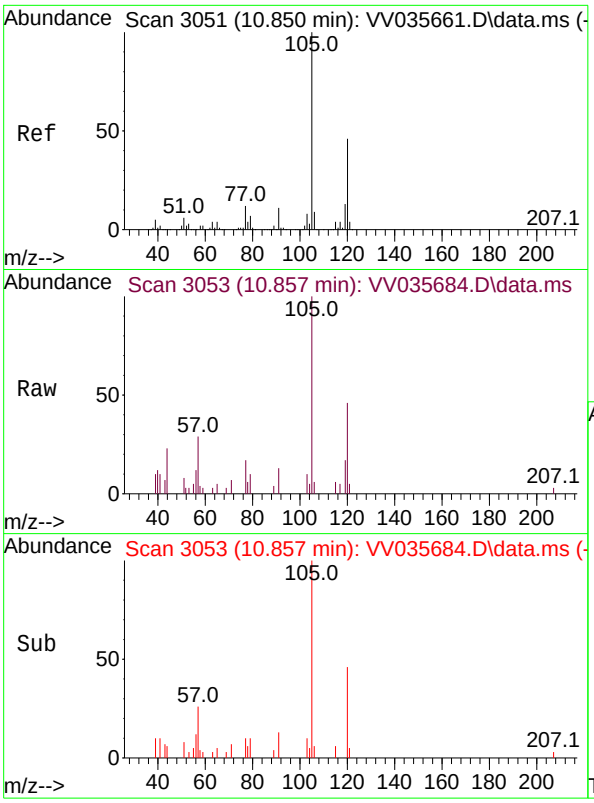


#62
1,3,5-Trimethylbenzene
Concen: 0.379 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.010 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Tgt Ion:105 Resp: 2503

Ion	Ratio	Lower	Upper
105	100		
120	51.7	39.4	59.0





#63
1,2,4-Trimethylbenzene
Concen: 0.841 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV035684.D
Acq: 22 May 2024 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 5714

Ion	Ratio	Lower	Upper
105	100		
120	44.3	36.6	55.0