Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032085.D
Acq On : 13 Sep 2023 18:37
Operator : SY/MD
Sample : 04330-15ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 14 06:25:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 14 06:19:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	295159	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	282042	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	153514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60416	32.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.420%			
7) Chloroethane-d5	1.503	69	16997	10.497	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 21.000%#			
11) 1,1-Dichloroethene-d2	2.031	65	26765	30.944	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.880%			
21) 2-Butanone-d5	3.809	46	124432	85.648	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.650%			
24) Chloroform-d	4.249	84	133290	33.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.020%#			
26) 1,2-Dichloroethane-d4	4.944	65	91299	34.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 68.140%#			
32) Benzene-d6	4.957	84	272012	35.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.680%			
36) 1,2-Dichloropropane-d6	5.992	67	95224	38.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.880%			
41) Toluene-d8	7.246	98	240847	33.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 67.920%#			
43) trans-1,3-Dichloroprop...	7.561	79	43621	33.975	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.960%			
47) 2-Hexanone-d5	8.046	63	79900	105.238	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.240%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	129673	40.510	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 81.020%			
66) 1,2-Dichlorobenzene-d4	11.567	152	100637	35.961	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.920%#			
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	3593	1.807	ug/L	98
35) Methylcyclohexane	5.992	83	20795	6.746	ug/L #	19
53) m,p-Xylene	9.082	106	5381	1.468	ug/L	96
54) o-Xylene	9.490	106	3495	0.958	ug/L	82
62) 1,3,5-Trimethylbenzene	10.487	105	6001	0.694	ug/L	94
63) 1,2,4-Trimethylbenzene	10.863	105	9901	1.138	ug/L	99
71) Naphthalene	13.448	128	16895	1.640	ug/L #	94

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

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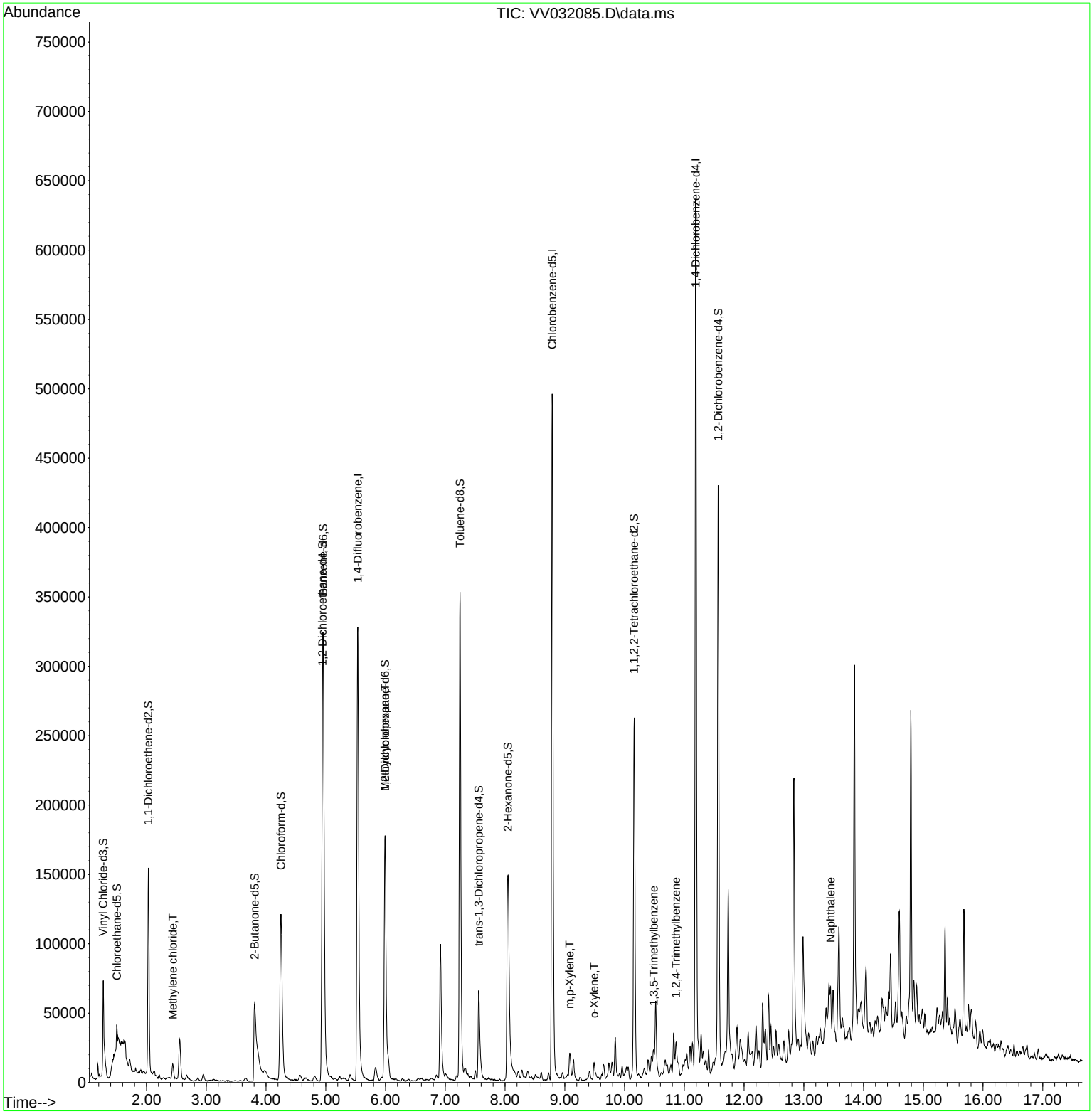
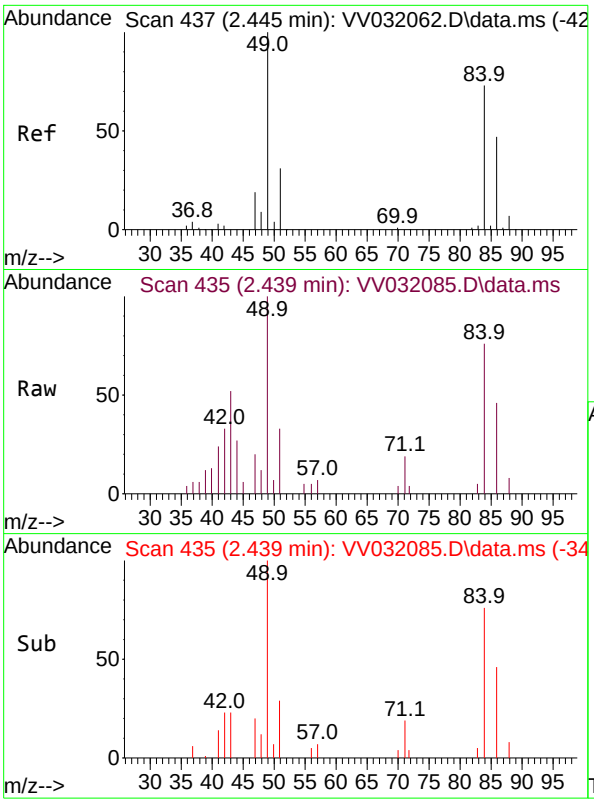
Quant Title : VOC Analysis
QLast Update : Thu Sep 14 06:19:55 2023
Response via : Initial Calibration



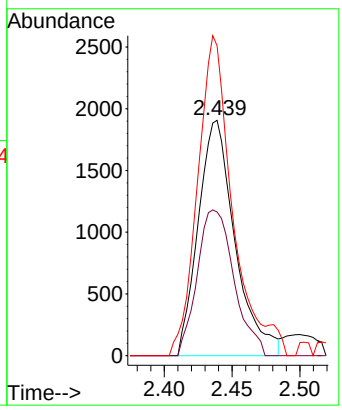


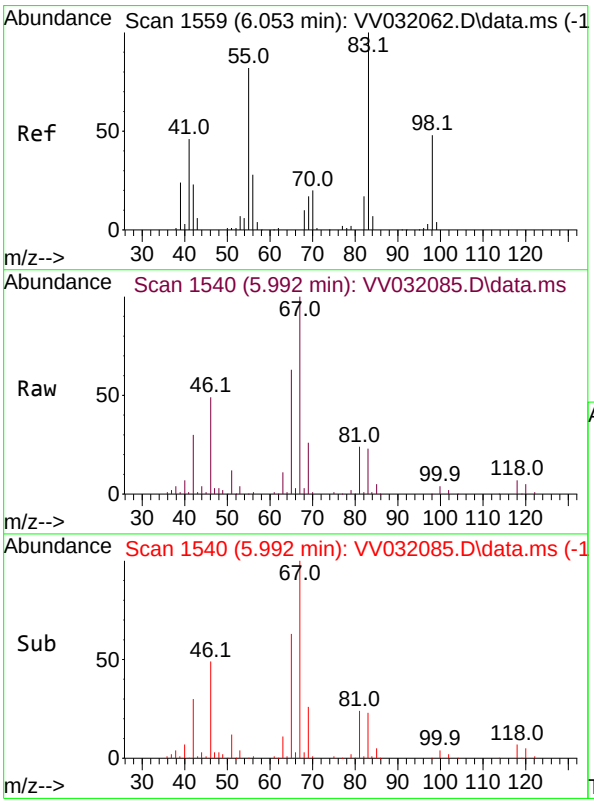
#16
Methylene chloride
Concen: 1.807 ug/L
RT: 2.439 min Scan# 4
Delta R.T. -0.006 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 3593

Ion	Ratio	Lower	Upper
84	100		
86	61.0	44.6	82.8
49	131.7	91.6	170.2

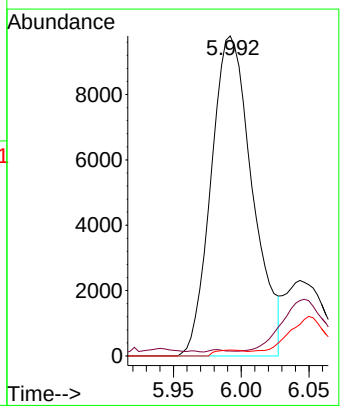


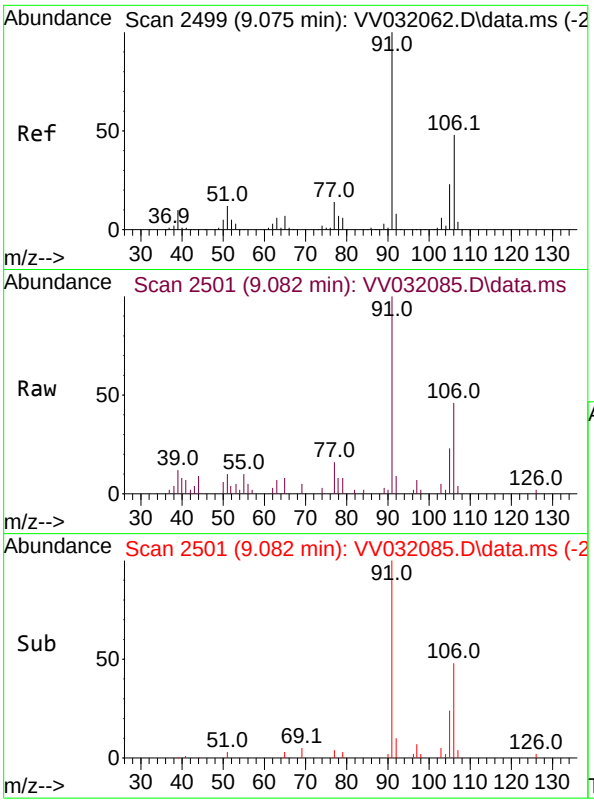


#35
Methylcyclohexane
Concen: 6.746 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Tgt Ion: 83 Resp: 20795

Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.2	93.2#
98	1.3	36.7	55.1#



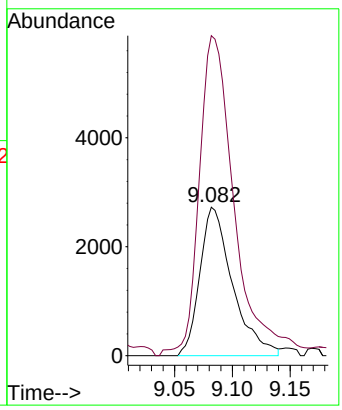


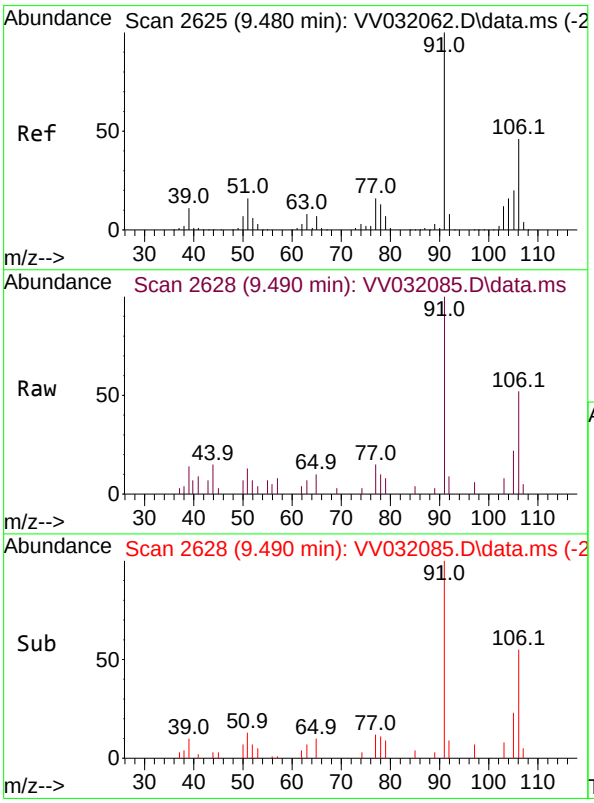
#53
m,p-Xylene
Concen: 1.468 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 5381

Ion	Ratio	Lower	Upper
106	100		
91	215.6	147.0	273.0

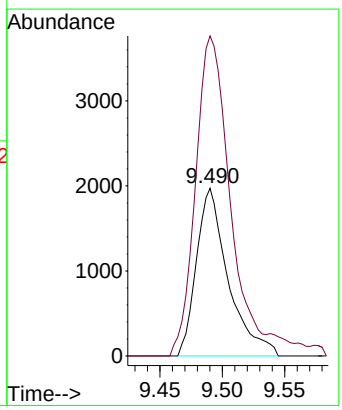


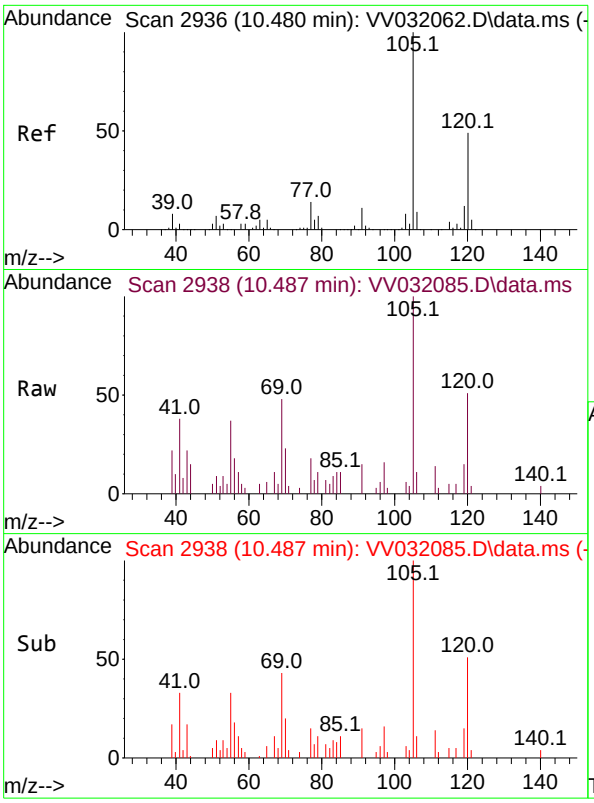


#54
o-Xylene
Concen: 0.958 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.010 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Tgt Ion:106 Resp: 3495

Ion	Ratio	Lower	Upper
106	100		
91	190.9	154.3	286.5



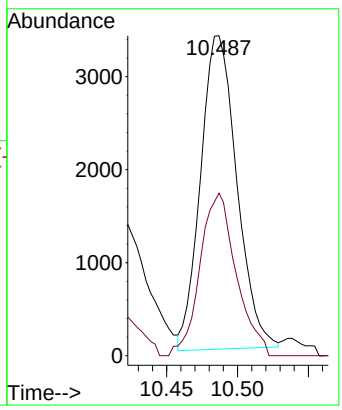


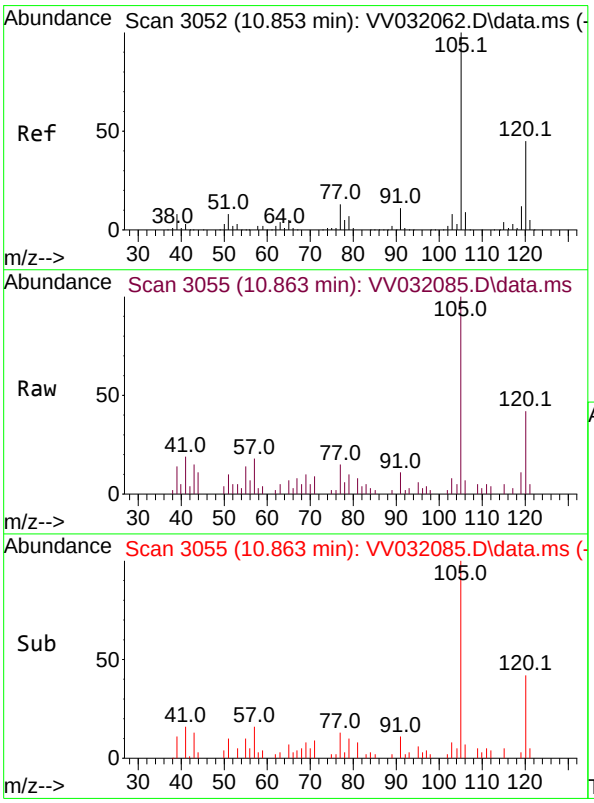
#62
1,3,5-Trimethylbenzene
Concen: 0.694 ug/L
RT: 10.487 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6001

Ion	Ratio	Lower	Upper
105	100		
120	51.6	38.2	57.4

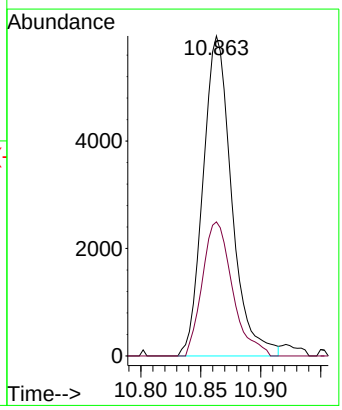


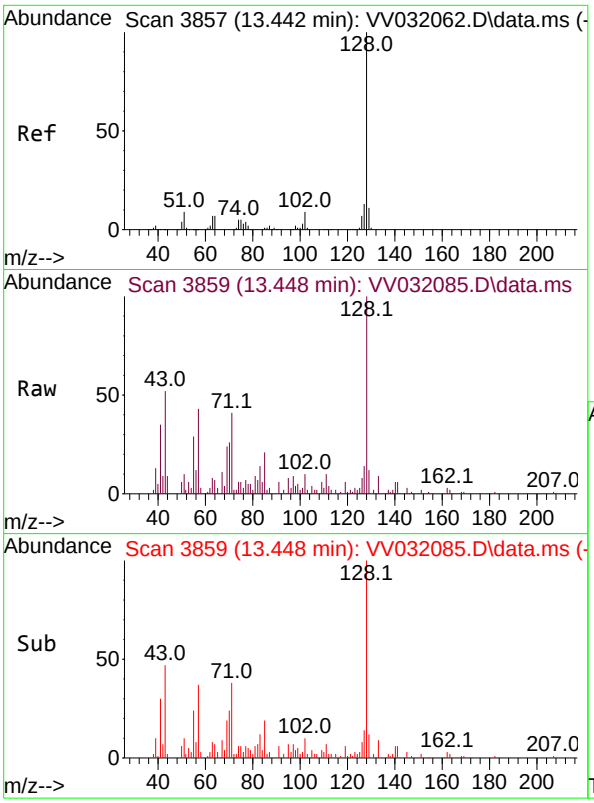


#63
1,2,4-Trimethylbenzene
Concen: 1.138 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.010 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Tgt Ion:105 Resp: 9901

Ion	Ratio	Lower	Upper
105	100		
120	44.0	35.9	53.9





#71
Naphthalene
Concen: 1.640 ug/L
RT: 13.448 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV032085.D
Acq: 13 Sep 2023 18:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 16895

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.4	15.6
129	13.8	8.7	13.1#