Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
Data File : VV031907.D
Acq On : 24 Aug 2023 14:24
Operator : SY/MD
Sample : 04154-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Quant Time: Aug 25 00:57:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 25 00:56:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	108419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	17579	4.801	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.000%			
7) Chloroethane-d5	1.529	69	21064	5.021	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.056	65	9932	4.609	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.200%			
20) 2-Butanone-d5	3.883	46	95182	53.696	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.400%			
24) Chloroform-d	4.249	84	54630	4.408	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	4.947	65	30685	4.805	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	4.956	84	108502	4.749	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
36) 1,2-Dichloropropane-d6	5.995	67	37592	4.666	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.400%			
41) Toluene-d8	7.246	98	97761	4.611	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
43) trans-1,3-Dichloroprop...	7.564	79	13040	4.439	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.043	63	73879	47.167	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.340%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	28939	5.007	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	40325	4.674	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	2057	0.259	ug/L	83
33) Benzene	5.011	78	10284	0.445	ug/L	100
42) Toluene	7.323	91	5242	0.204	ug/L	97
52) Ethylbenzene	8.953	91	6537	0.221	ug/L	93
53) m,p-Xylene	9.082	106	6827	0.614	ug/L	96
54) o-Xylene	9.487	106	1698	0.158	ug/L	97
60) Isopropylbenzene	9.869	105	59183	1.998	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	3768	0.151	ug/L	92

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

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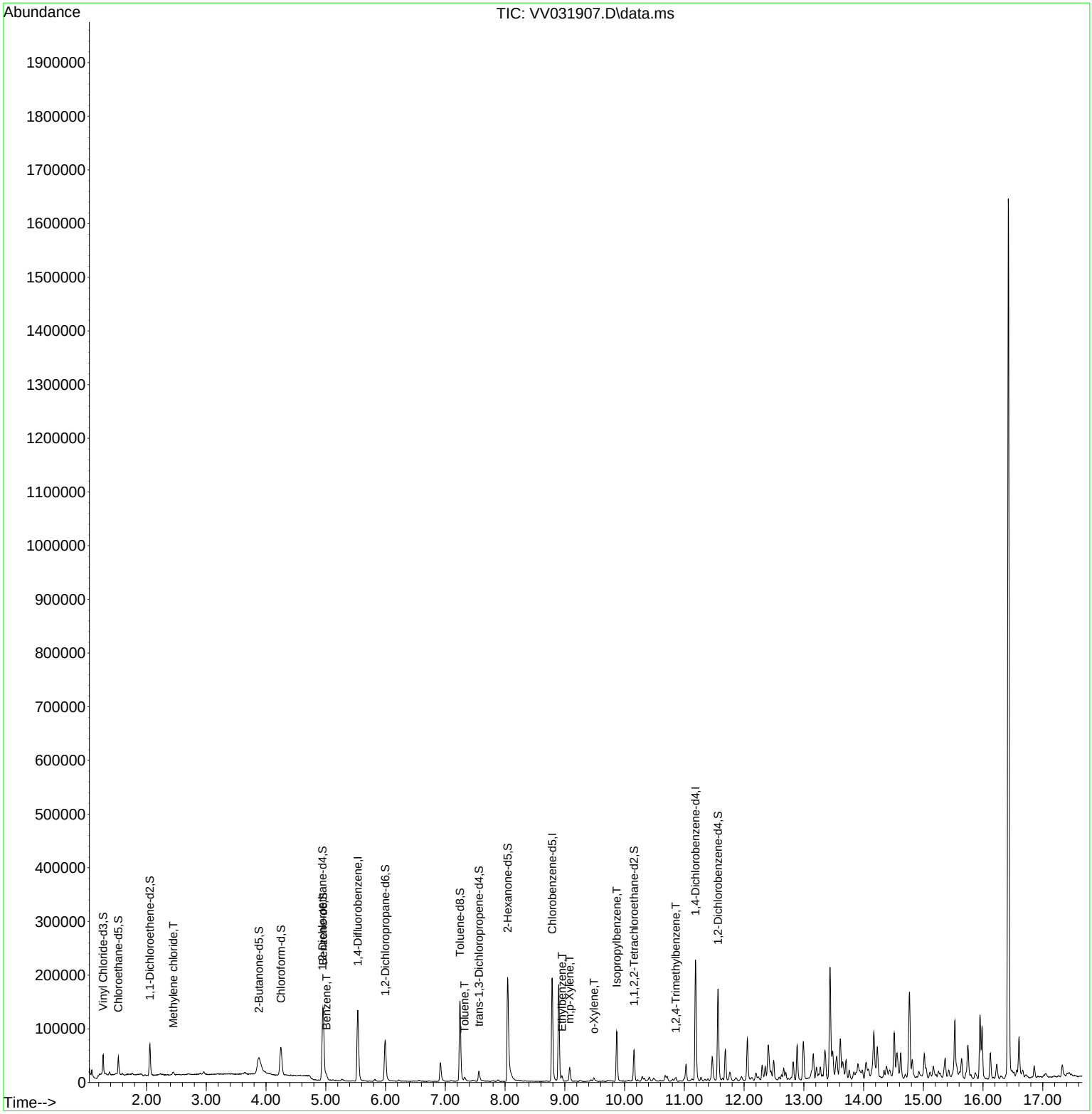
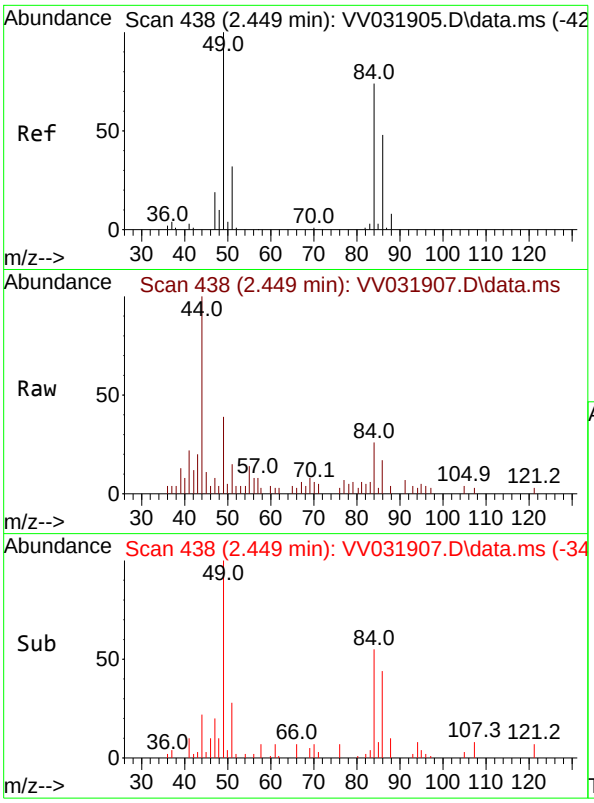
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 25 00:56:34 2023
Response via : Initial Calibration



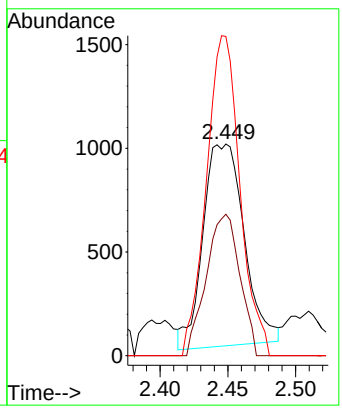


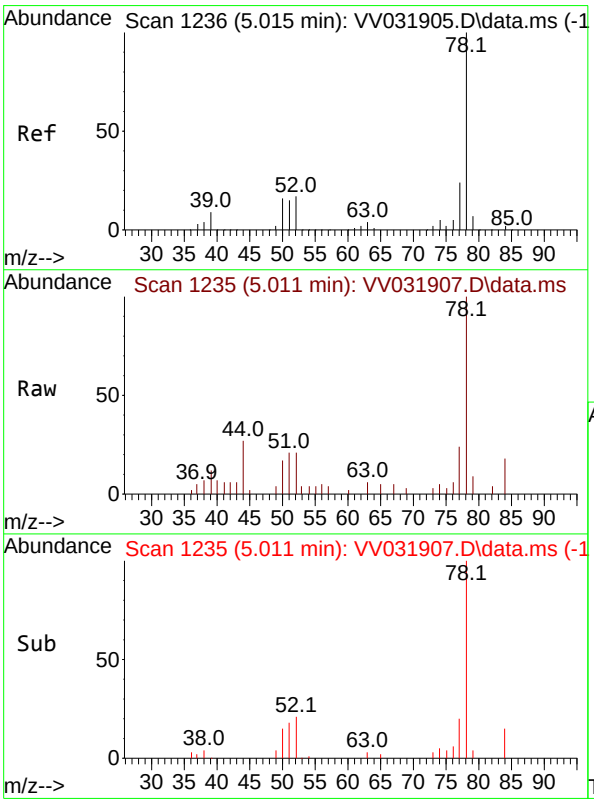
#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.449 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 84 Resp: 2057

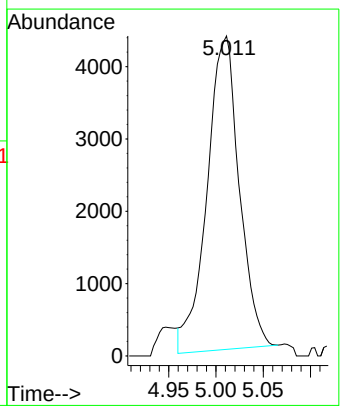
Ion	Ratio	Lower	Upper
84	100		
86	66.8	42.6	79.2
49	150.7	88.5	164.4

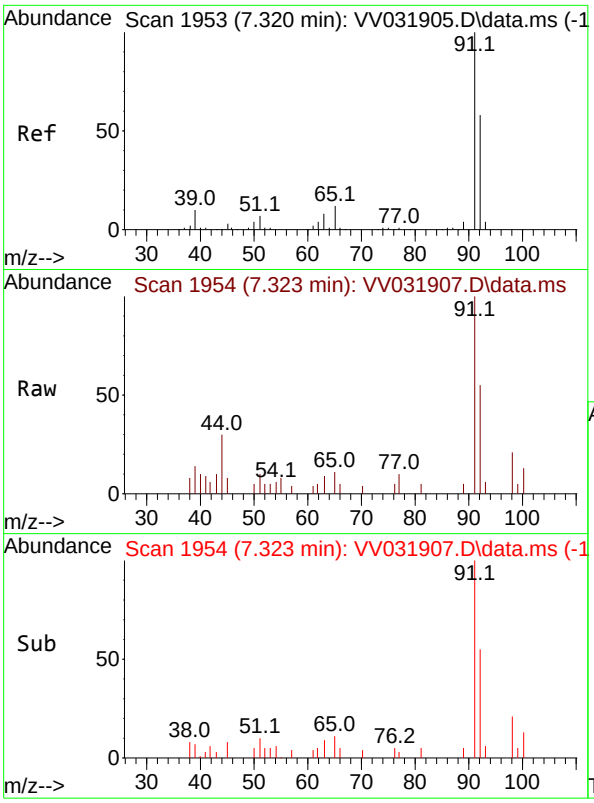




#33
Benzene
Concen: 0.445 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Tgt Ion: 78 Resp: 10284



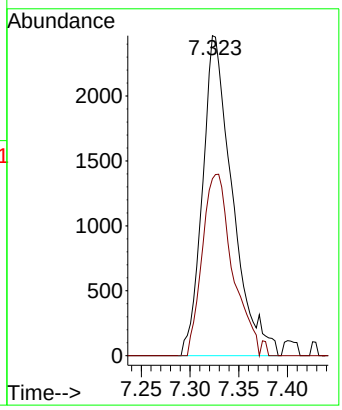


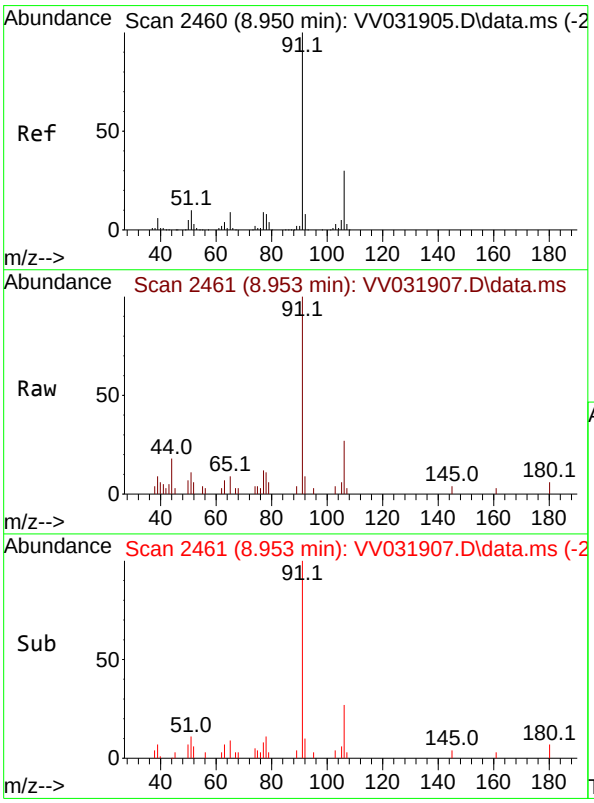
#42
Toluene
Concen: 0.204 ug/L
RT: 7.323 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 91 Resp: 5242

Ion	Ratio	Lower	Upper
91	100		
92	55.3	40.5	75.1

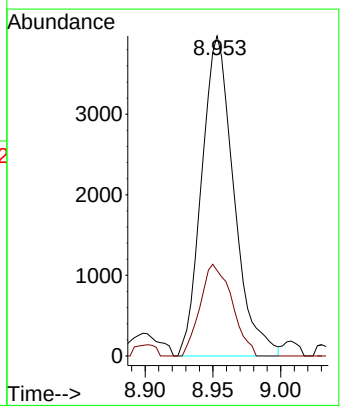


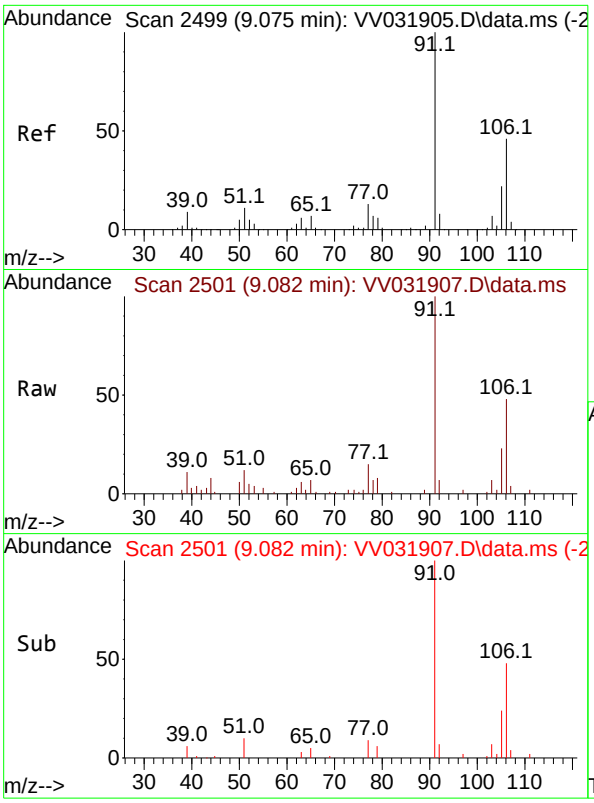


#52
Ethylbenzene
Concen: 0.221 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Tgt Ion: 91 Resp: 6537

Ion	Ratio	Lower	Upper
91	100		
106	26.7	21.3	39.5



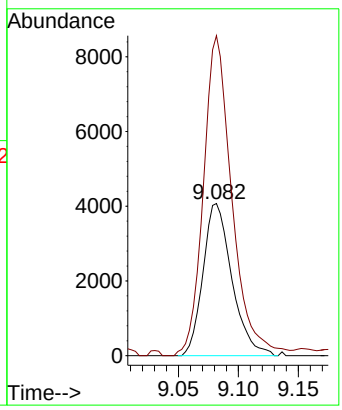


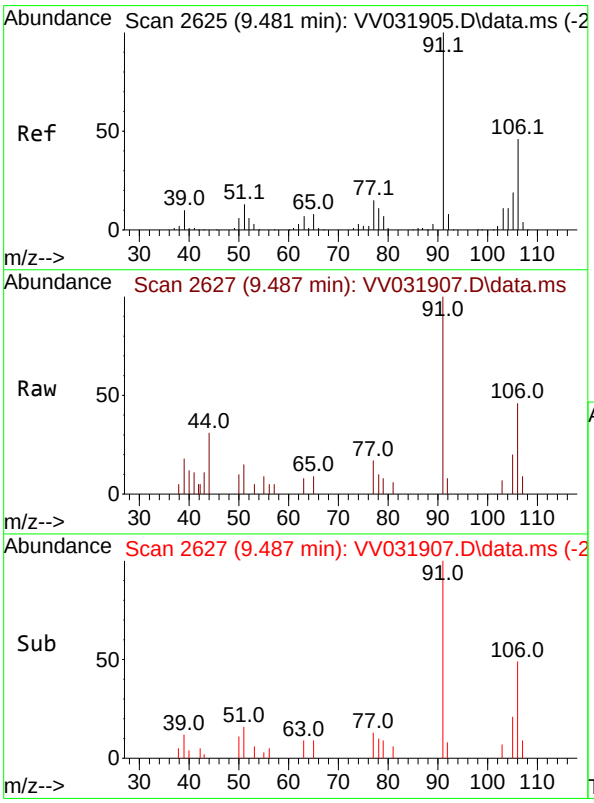
#53
m,p-Xylene
Concen: 0.614 ug/L
RT: 9.082 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion:106 Resp: 6827

Ion	Ratio	Lower	Upper
106	100		
91	210.3	142.7	265.1

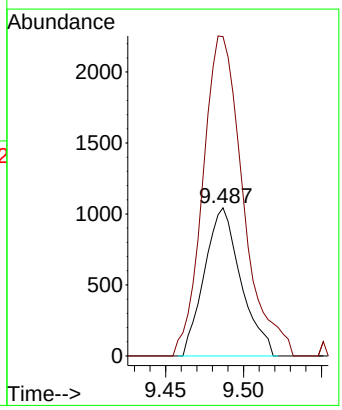


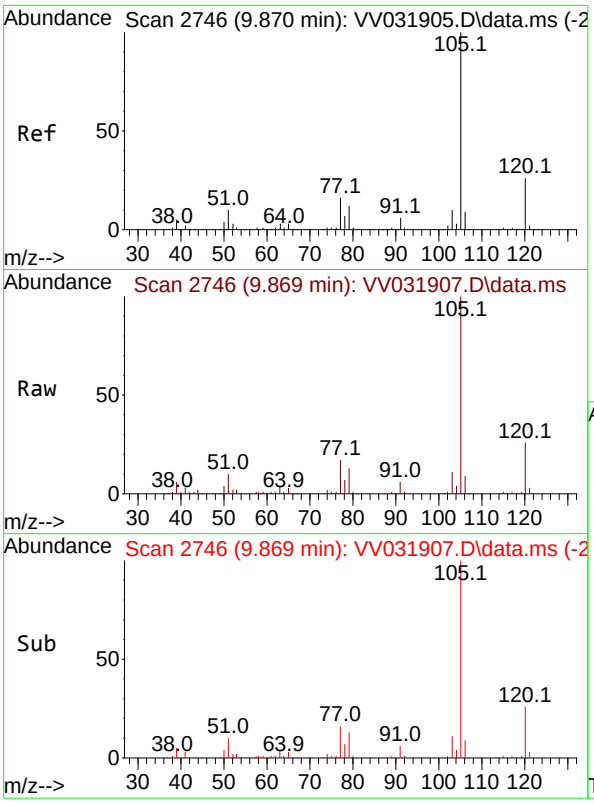


#54
o-Xylene
Concen: 0.158 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.006 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Tgt Ion:106 Resp: 1698

Ion	Ratio	Lower	Upper
106	100		
91	215.4	154.7	287.3



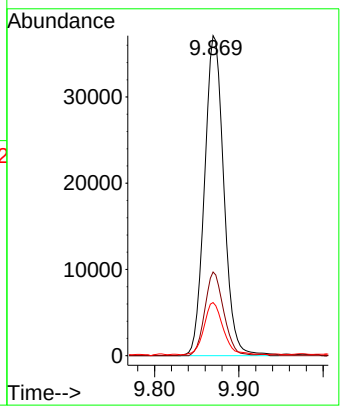


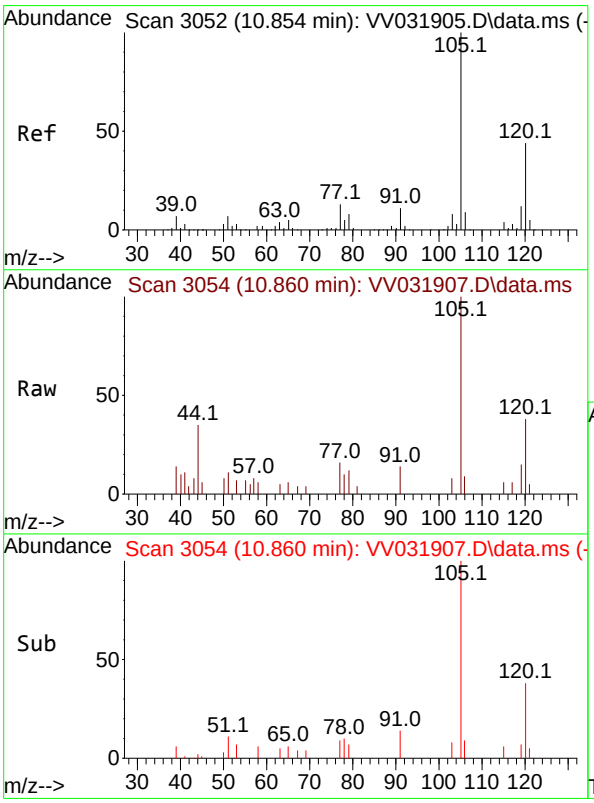
#60
Isopropylbenzene
Concen: 1.998 ug/L
RT: 9.869 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion:105 Resp: 59183

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.7	31.1
77	16.6	13.7	20.5





#63
1,2,4-Trimethylbenzene
Concen: 0.151 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.006 min
Lab File: VV031907.D
Acq: 24 Aug 2023 14:24

Tgt Ion:105 Resp: 3768

Ion	Ratio	Lower	Upper
105	100		
120	39.6	35.8	53.8