Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
Data File : VV028694.D
Acq On : 26 Oct 2022 14:46
Operator : SY/MD
Sample : N5216-13DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAC2DL

Quant Time: Oct 27 06:23:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	160555	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	152020	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	69852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49269	4.412	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.200%			
7) Chloroethane-d5	1.565	69	48047	5.089	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.101	63	76504	3.542	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.800%			
20) 2-Butanone-d5	3.892	46	144290	56.670	ug/L	-0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.340%			
24) Chloroform-d	4.343	84	91949	4.742	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.031	65	49750	5.057	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	5.047	84	184628	4.541	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	6.066	67	64637	5.023	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.400%			
41) Toluene-d8	7.313	98	144779	4.564	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	7.622	79	15057	3.766	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.400%			
46) 2-Hexanone-d5	8.088	63	99121	53.258	ug/L	-0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.520%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45606	5.344	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.800%			
66) 1,2-Dichlorobenzene-d4	11.616	152	49726	5.161	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.200%			
Target Compounds						Qvalue
16) Methylene chloride	2.503	84	6392	0.525	ug/L	98
33) Benzene	5.095	78	479946	10.564	ug/L	100
51) Chlorobenzene	8.879	112	61556	2.269	ug/L	97
53) m,p-Xylene	9.133	106	36759	2.126	ug/L	95
54) o-Xylene	9.538	106	24255	1.395	ug/L	91
60) Isopropylbenzene	9.928	105	18483	0.420	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	3206	0.250	ug/L	89
63) 1,2,4-Trimethylbenzene	10.911	105	8400	0.237	ug/L	92

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

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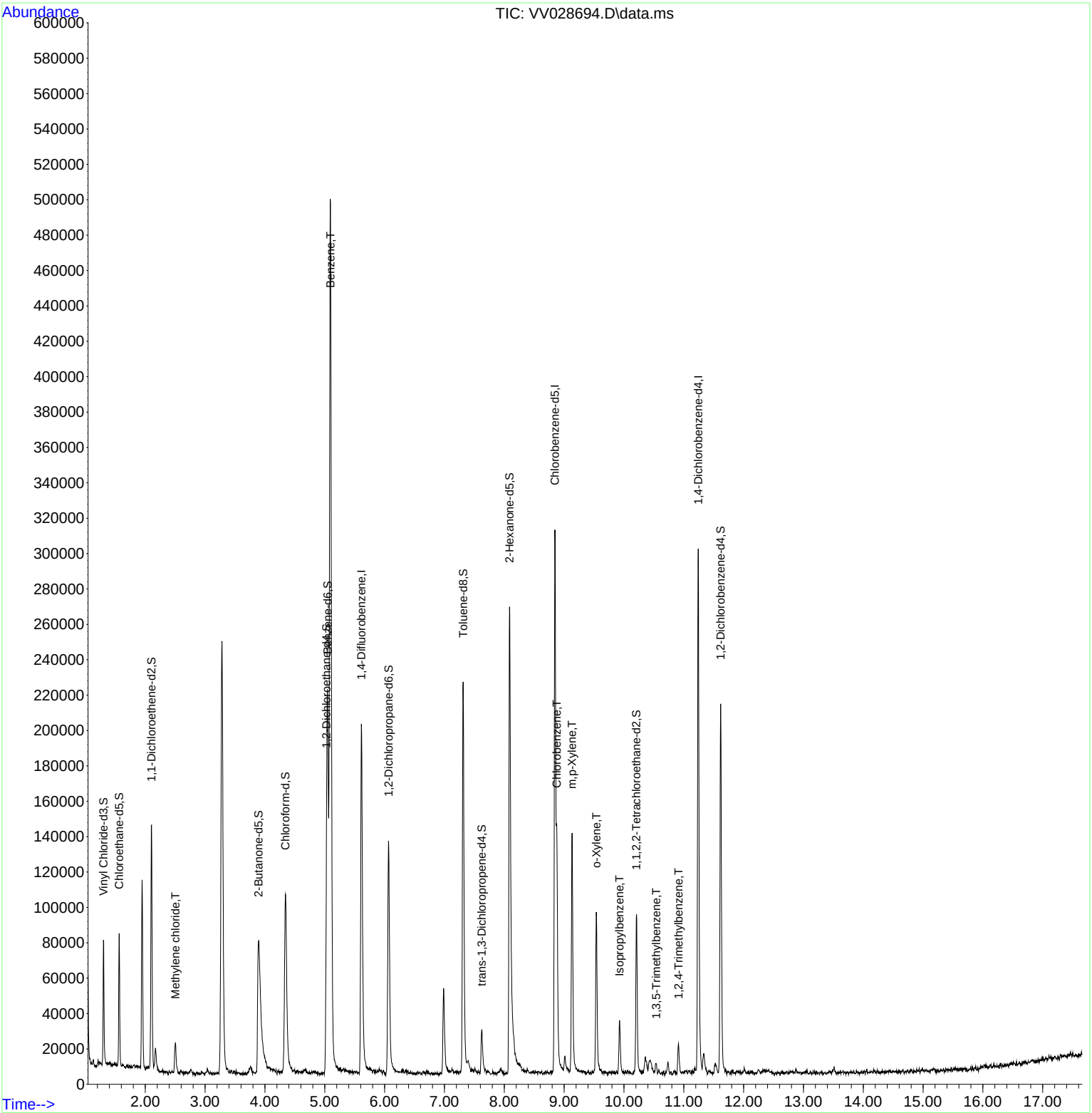
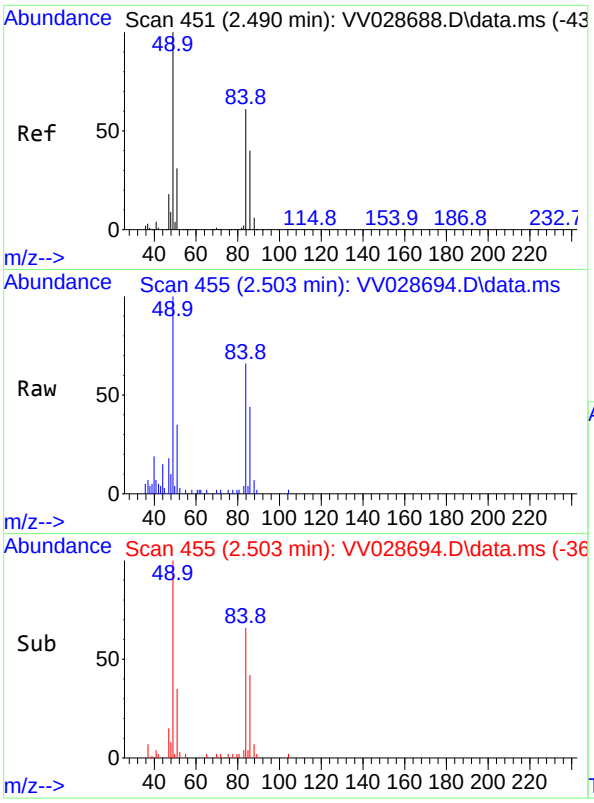
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration



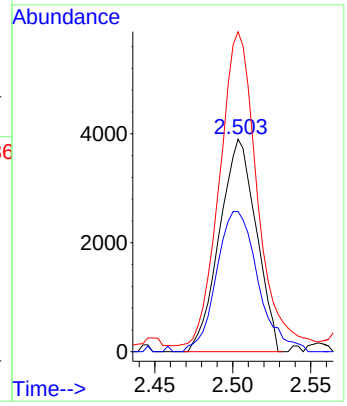


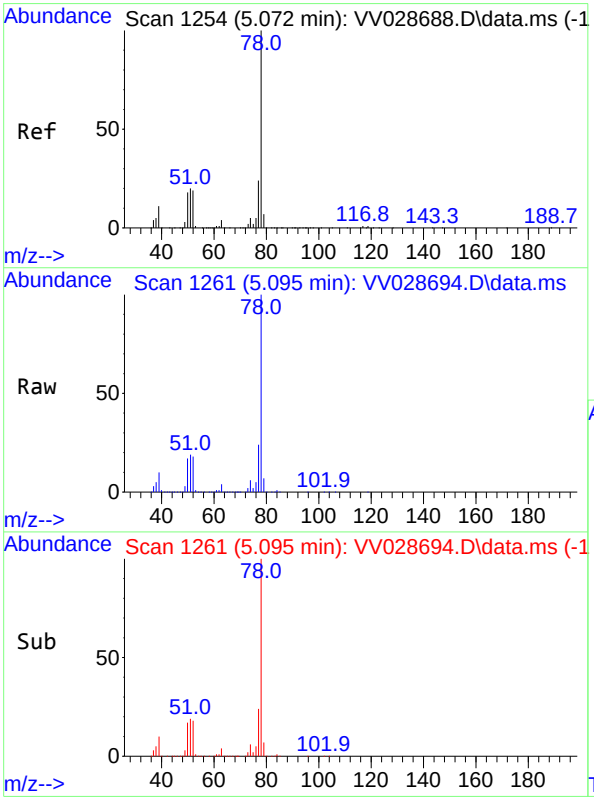
#16
Methylene chloride
Concen: 0.525 ug/L
RT: 2.503 min Scan# 4
Delta R.T. -0.010 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :
BHAC2DL

Tgt Ion: 84 Resp: 6392

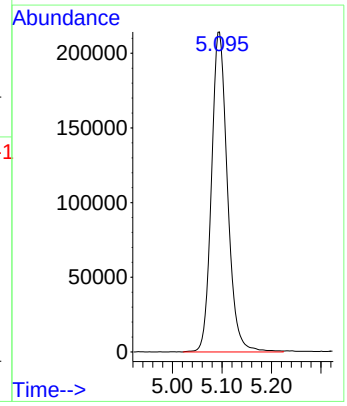
Ion	Ratio	Lower	Upper
84	100		
86	66.0	44.4	82.4
49	157.2	110.8	205.8

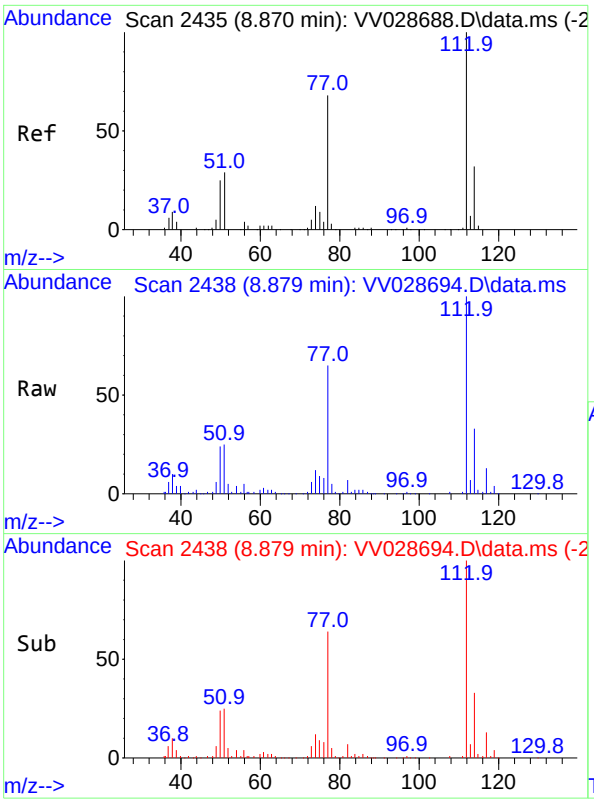




#33
Benzene
Concen: 10.564 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion: 78 Resp: 479946



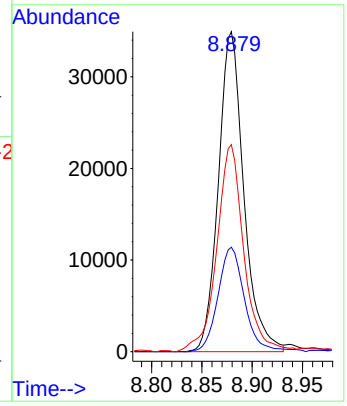


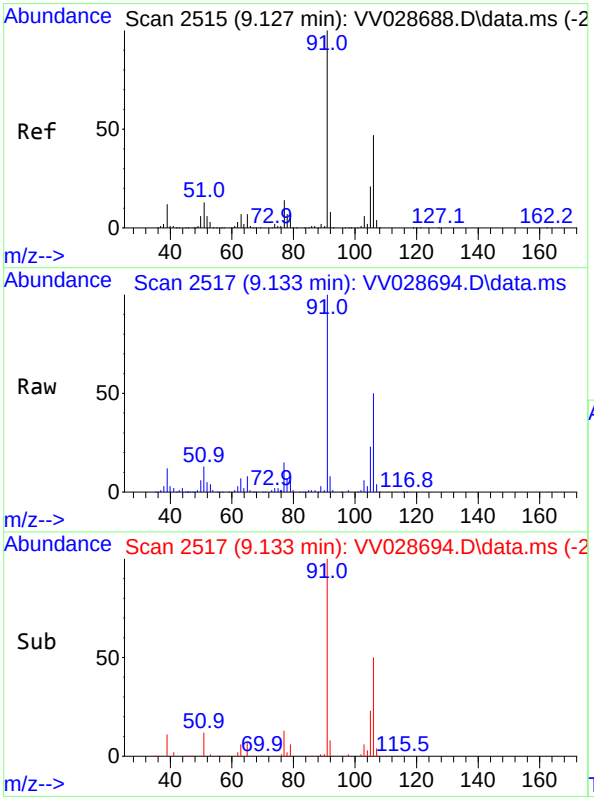
#51
Chlorobenzene
Concen: 2.269 ug/L
RT: 8.879 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :
BHAC2DL

Tgt Ion:112 Resp: 61556

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	41.0
77	64.7	50.0	75.0

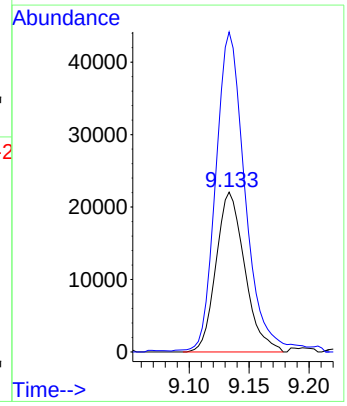


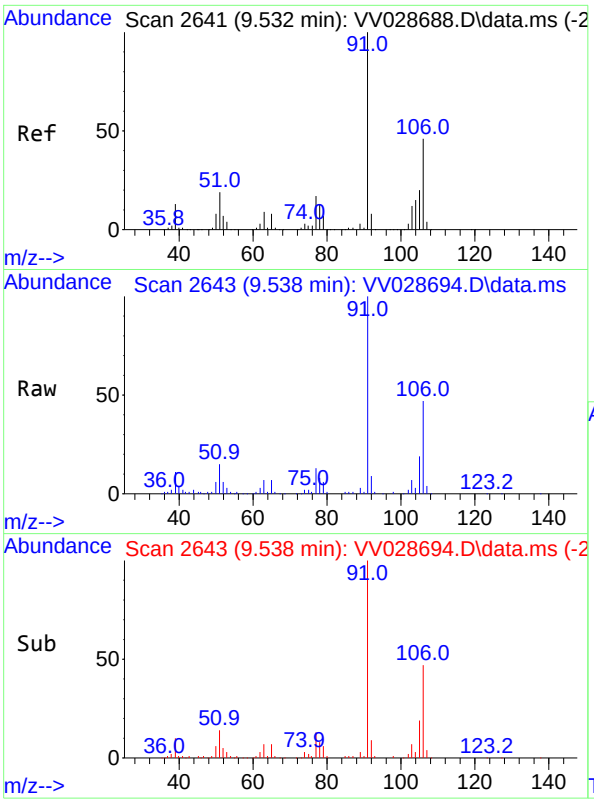


#53
m,p-Xylene
Concen: 2.126 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion:106 Resp: 36759

Ion	Ratio	Lower	Upper
106	100		
91	200.2	145.5	270.1



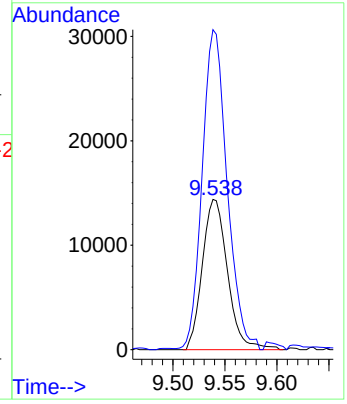


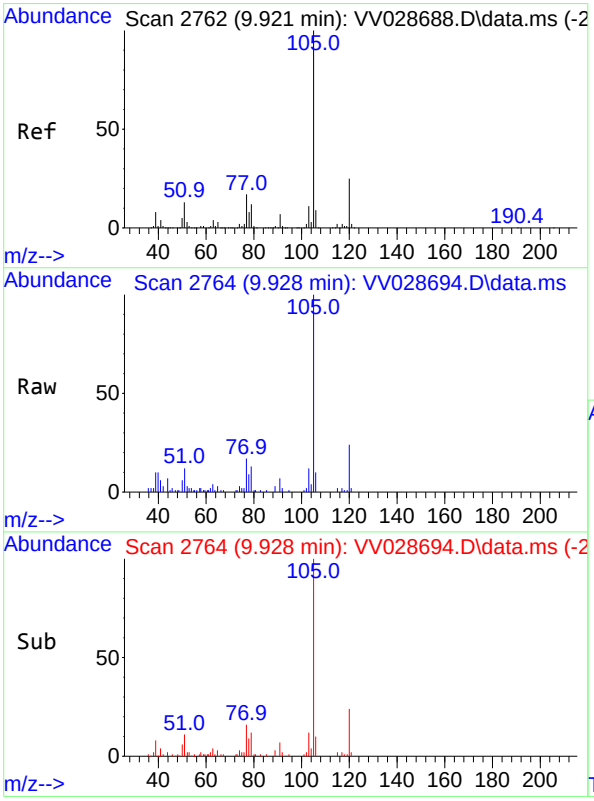
#54
o-Xylene
Concen: 1.395 ug/L
RT: 9.538 min Scan# 2
Delta R.T. -0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :
BHAC2DL

Tgt Ion:106 Resp: 24255

Ion	Ratio	Lower	Upper
106	100		
91	213.0	159.0	295.4

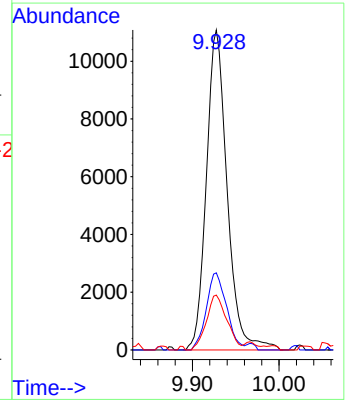


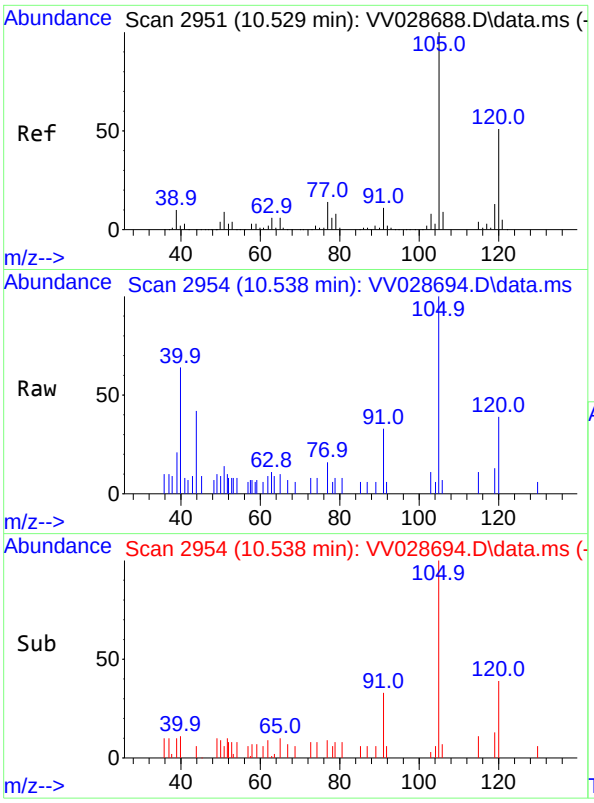


#60
Isopropylbenzene
Concen: 0.420 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion:105 Resp: 18483

Ion	Ratio	Lower	Upper
105	100		
120	23.4	20.1	30.1
77	16.9	13.4	20.0



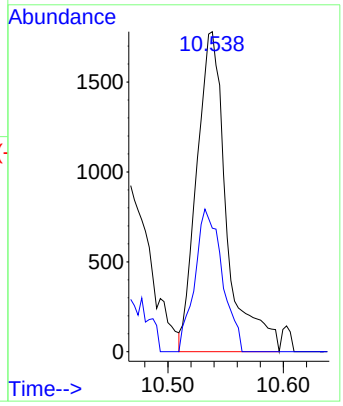


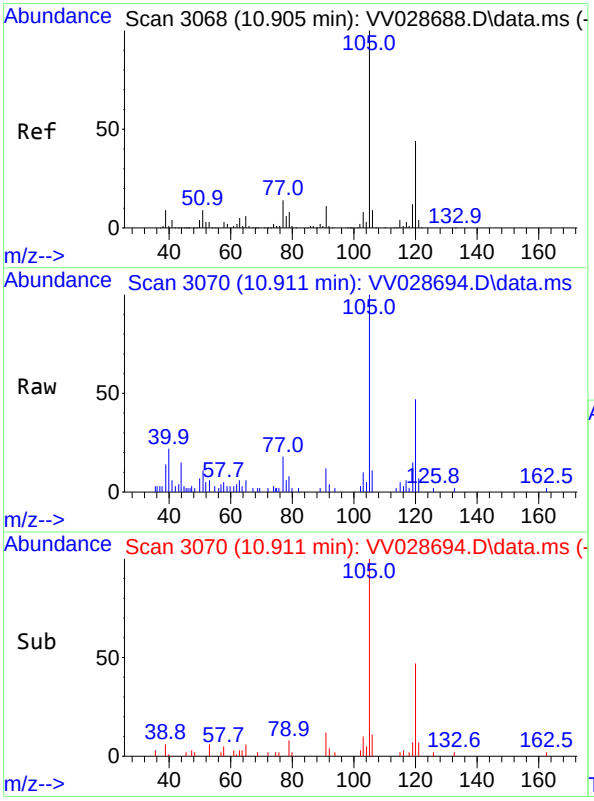
#62
1,3,5-Trimethylbenzene
Concen: 0.250 ug/L
RT: 10.538 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Instrument :
MSVOA_V
ClientSampleId :
BHAC2DL

Tgt Ion:105 Resp: 3206

Ion	Ratio	Lower	Upper
105	100		
120	40.8	38.3	57.5





#63
1,2,4-Trimethylbenzene
Concen: 0.237 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV028694.D
Acq: 26 Oct 2022 14:46

Tgt Ion:105 Resp: 8400

Ion	Ratio	Lower	Upper
105	100		
120	50.2	36.2	54.2