Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028608.D
Acq On : 18 Oct 2022 12:20
Operator : SY/MD
Sample : N5163-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BD712

Quant Time: Oct 19 00:37:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	162133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	158548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	72126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66907	4.795	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.000%			
7) Chloroethane-d5	1.561	69	61195	5.335	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.600%			
11) 1,1-Dichloroethene-d2	2.101	63	87927	3.479	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.600%			
20) 2-Butanone-d5	3.928	46	126189	42.067	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.140%			
24) Chloroform-d	4.342	84	106682	4.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.031	65	56729	5.094	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
32) Benzene-d6	5.047	84	212757	4.156	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
36) 1,2-Dichloropropane-d6	6.066	67	73063	4.423	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.313	98	174824	4.310	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
43) trans-1,3-Dichloroprop...	7.622	79	20962	3.756	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.200%			
46) 2-Hexanone-d5	8.088	63	109461	45.441	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.880%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47633	4.842	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	11.616	152	58523	4.917	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
25) Chloroform	4.371	83	21648	0.965	ug/L	95
42) Toluene	7.387	91	54960	1.046	ug/L	99
47) Tetrachloroethene	7.973	164	1023	0.117	ug/L	90
52) Ethylbenzene	9.011	91	9831	0.168	ug/L	96
53) m,p-Xylene	9.136	106	11242	0.515	ug/L	94
54) o-Xylene	9.542	106	4857	0.229	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	2382	0.150	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	6001	0.139	ug/L	97

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

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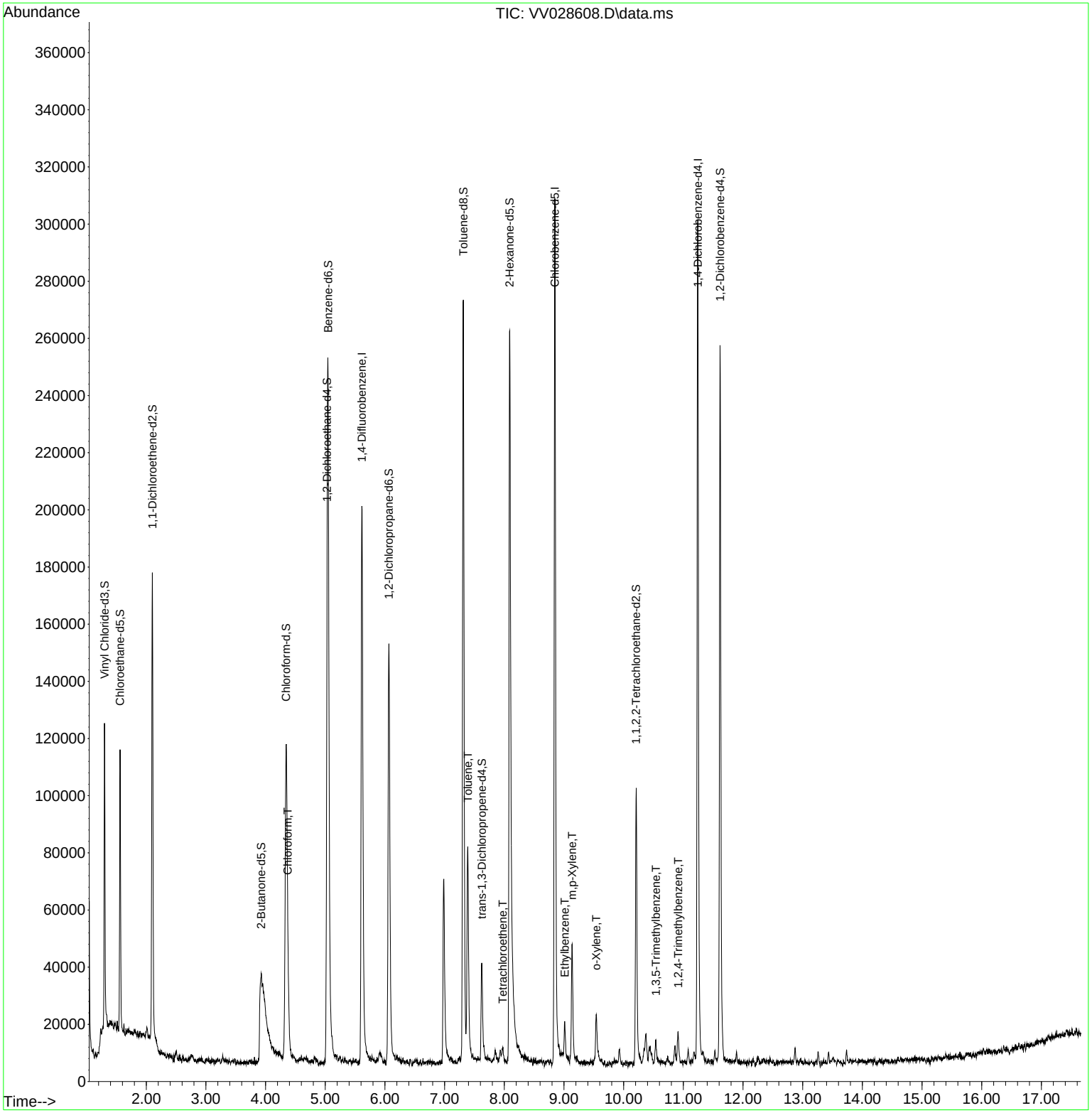
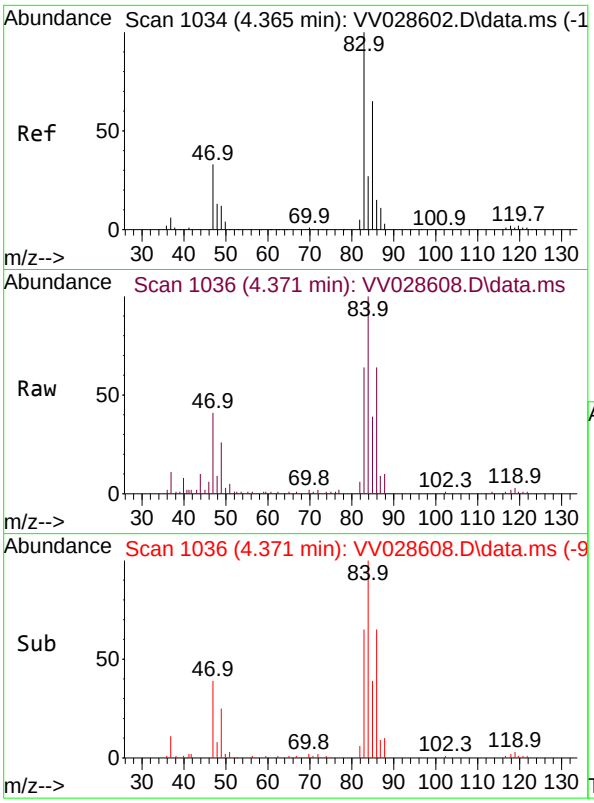


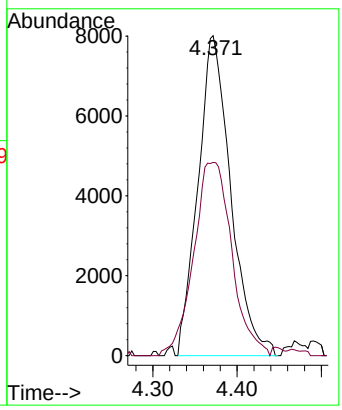


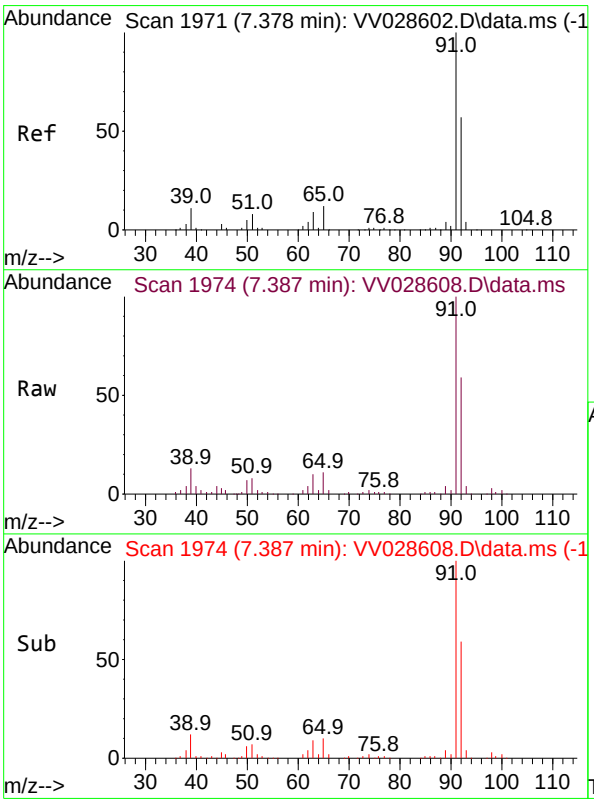
#25
Chloroform
Concen: 0.965 ug/L
RT: 4.371 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Instrument :
MSVOA_V
ClientSampleId :
BD712

Tgt Ion: 83 Resp: 21648

Ion	Ratio	Lower	Upper
83	100		
85	60.4	45.1	83.9

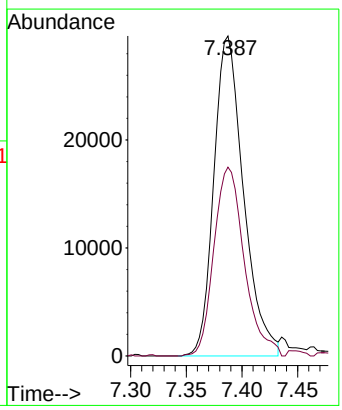


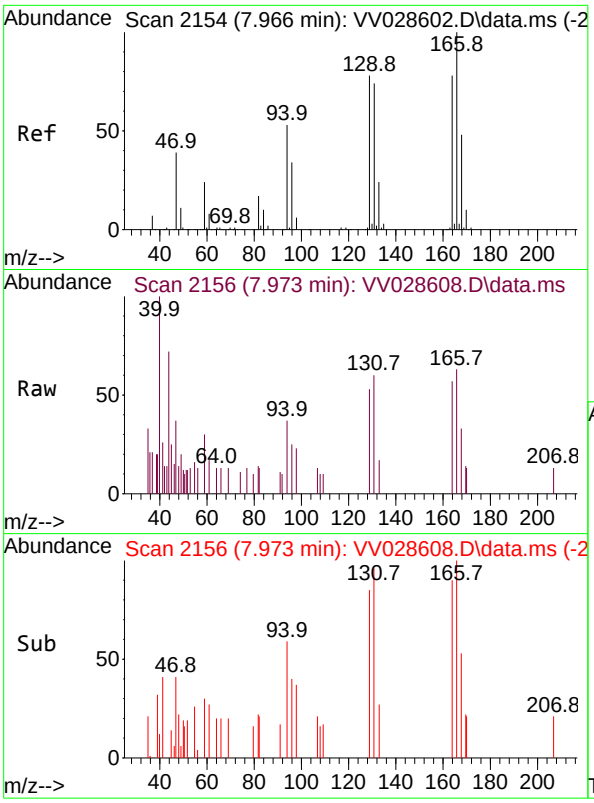


#42
Toluene
Concen: 1.046 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.010 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Tgt Ion: 91 Resp: 54960

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.7	75.5



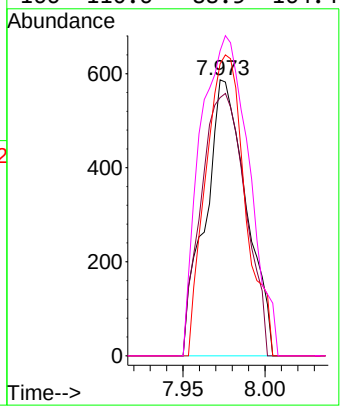


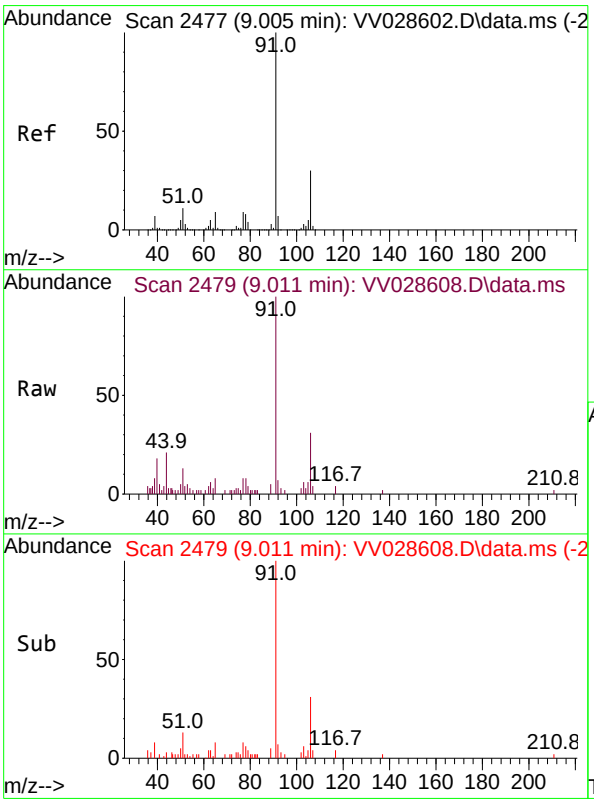
#47
Tetrachloroethene
Concen: 0.117 ug/L
RT: 7.973 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Instrument :
MSVOA_V
ClientSampleId :
BD712

Tgt Ion:164 Resp: 1023

Ion	Ratio	Lower	Upper
164	100		
129	93.5	69.3	128.7
131	105.8	67.3	125.1
166	110.6	88.5	164.4

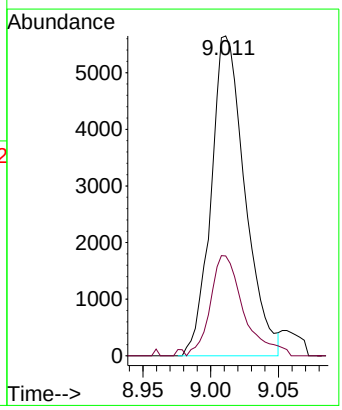


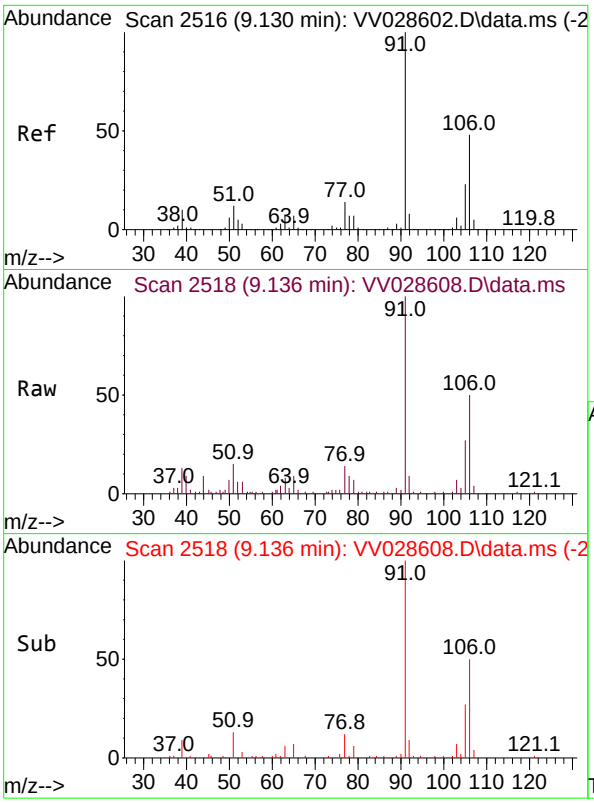


#52
Ethylbenzene
Concen: 0.168 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.007 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Tgt Ion: 91 Resp: 9831

Ion	Ratio	Lower	Upper
91	100		
106	31.2	20.3	37.7



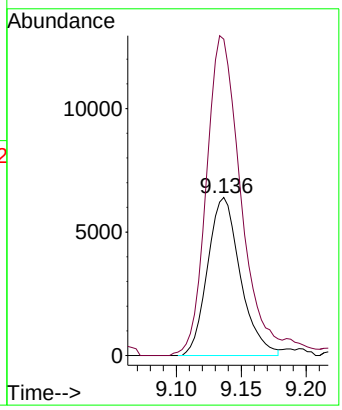


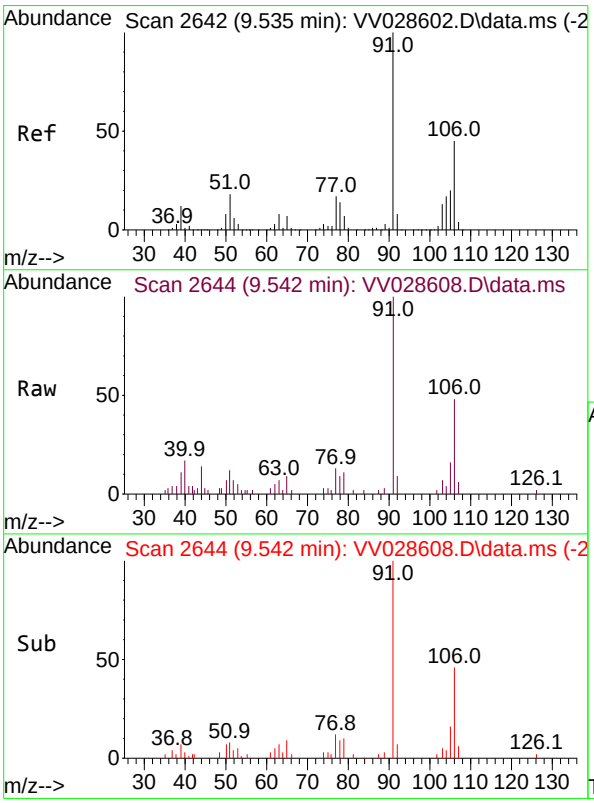
#53
m,p-Xylene
Concen: 0.515 ug/L
RT: 9.136 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Instrument :
MSVOA_V
ClientSampleId :
BD712

Tgt Ion:106 Resp: 11242

Ion	Ratio	Lower	Upper
106	100		
91	200.0	146.9	272.9

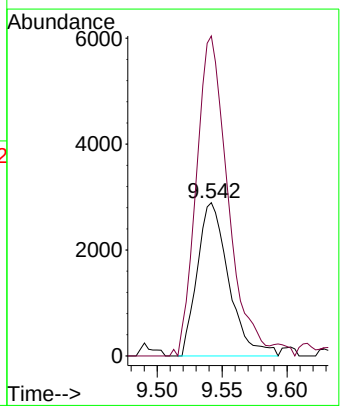


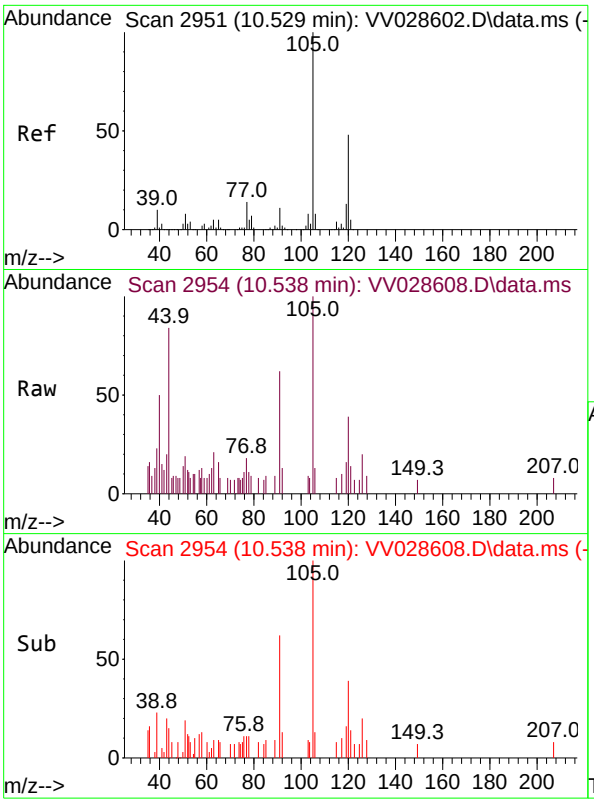


#54
o-Xylene
Concen: 0.229 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.007 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Tgt Ion:106 Resp: 4857

Ion	Ratio	Lower	Upper
106	100		
91	208.9	151.4	281.2



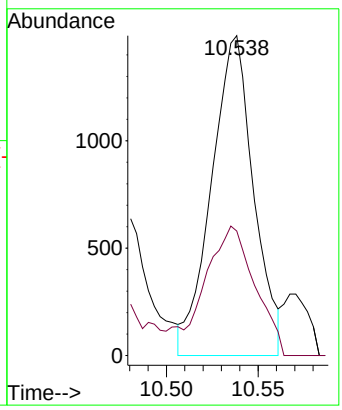


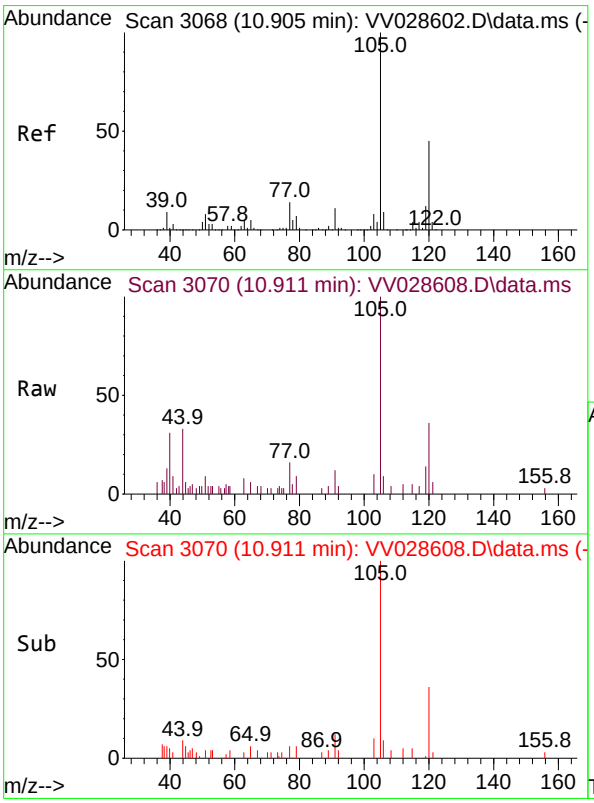
#62
1,3,5-Trimethylbenzene
Concen: 0.150 ug/L
RT: 10.538 min Scan# 29
Delta R.T. 0.010 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Instrument :
MSVOA_V
ClientSampleId :
BD712

Tgt Ion:105 Resp: 2382

Ion	Ratio	Lower	Upper
105	100		
120	49.5	38.0	57.0





#63
1,2,4-Trimethylbenzene
Concen: 0.139 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.007 min
Lab File: VV028608.D
Acq: 18 Oct 2022 12:20

Tgt Ion:105 Resp: 6001

Ion	Ratio	Lower	Upper
105	100		
120	42.7	35.6	53.4