Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
Data File : VV028664.D
Acq On : 21 Oct 2022 15:58
Operator : SY/MD
Sample : N5216-06DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA85DL

Quant Time: Oct 21 23:03:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	145660	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	137677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	61474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	92716	6.429	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 128.600%			
7) Chloroethane-d5	1.558	69	75607	6.670	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 133.400%#			
11) 1,1-Dichloroethene-d2	2.098	63	121017	4.829	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.600%			
20) 2-Butanone-d5	3.915	46	121726	44.847	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.700%			
24) Chloroform-d	4.342	84	113766	5.318	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
26) 1,2-Dichloroethane-d4	5.027	65	57243	4.941	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
32) Benzene-d6	5.043	84	235568	3.933	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.066	67	75522	4.021	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.400%			
41) Toluene-d8	7.310	98	190368	4.394	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	7.622	79	17160	3.763	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.200%			
46) 2-Hexanone-d5	8.088	63	93014	49.129	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.260%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45004	5.073	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	58817	5.323	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.400%			
Target Compounds						Qvalue
16) Methylene chloride	2.503	84	7227	0.533	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	3126	0.122	ug/L #	90
33) Benzene	5.092	78	441410	6.834	ug/L	100
51) Chlorobenzene	8.876	112	220991	7.067	ug/L	98
53) m,p-Xylene	9.140	106	4273	0.211	ug/L	95
54) o-Xylene	9.538	106	8304	0.414	ug/L	81
60) Isopropylbenzene	9.924	105	36678	0.714	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	3163	0.214	ug/L	94
63) 1,2,4-Trimethylbenzene	10.911	105	2887	0.073	ug/L	96

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

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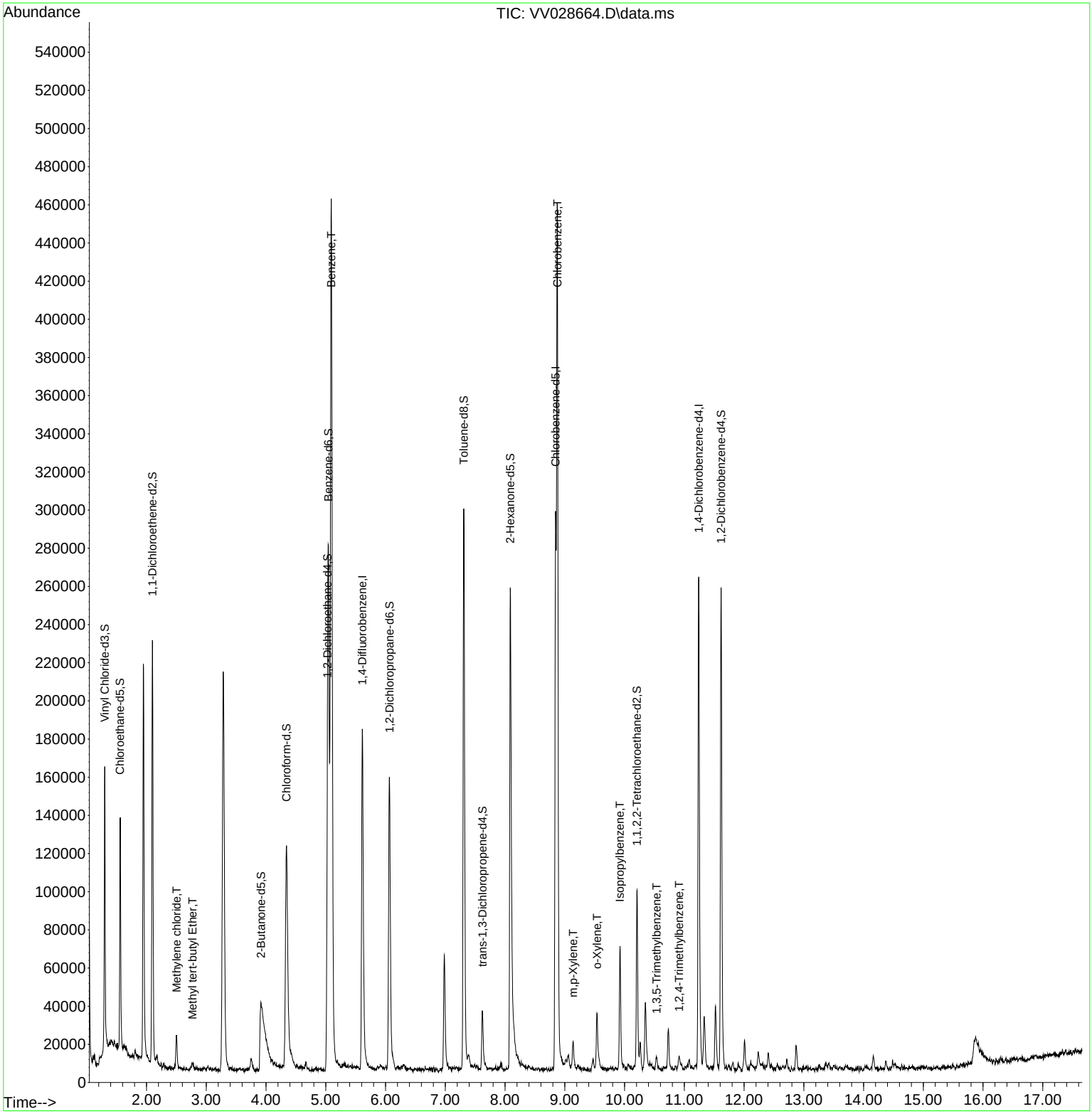
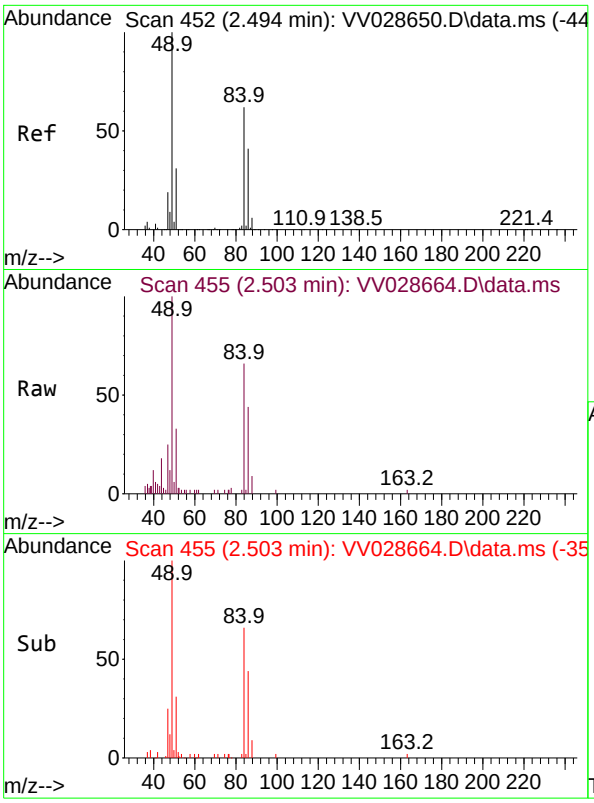


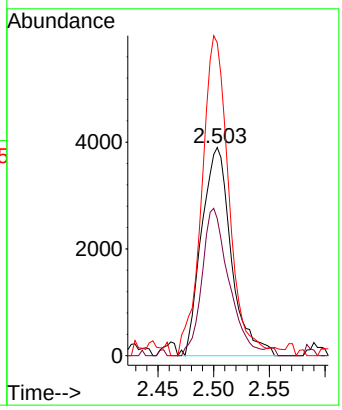


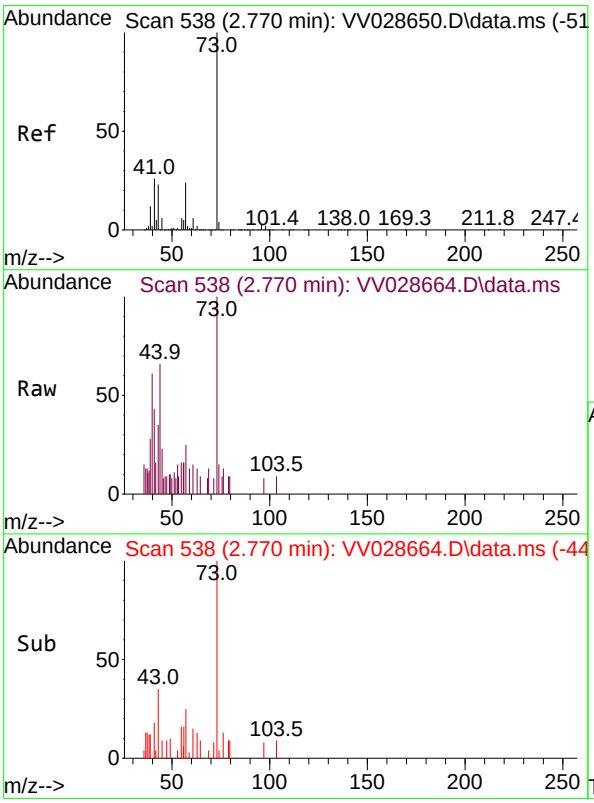
#16
Methylene chloride
Concen: 0.533 ug/L
RT: 2.503 min Scan# 4
Delta R.T. 0.010 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Instrument :
MSVOA_V
ClientSampleId :
BHA85DL

Tgt Ion: 84 Resp: 7227

Ion	Ratio	Lower	Upper
84	100		
86	65.9	44.4	82.4
49	150.4	110.8	205.8

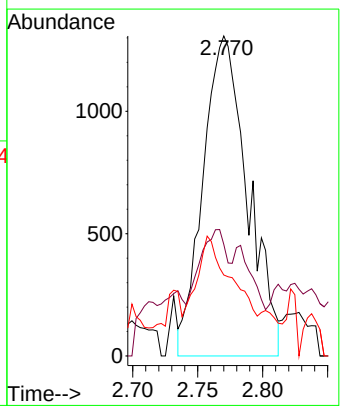


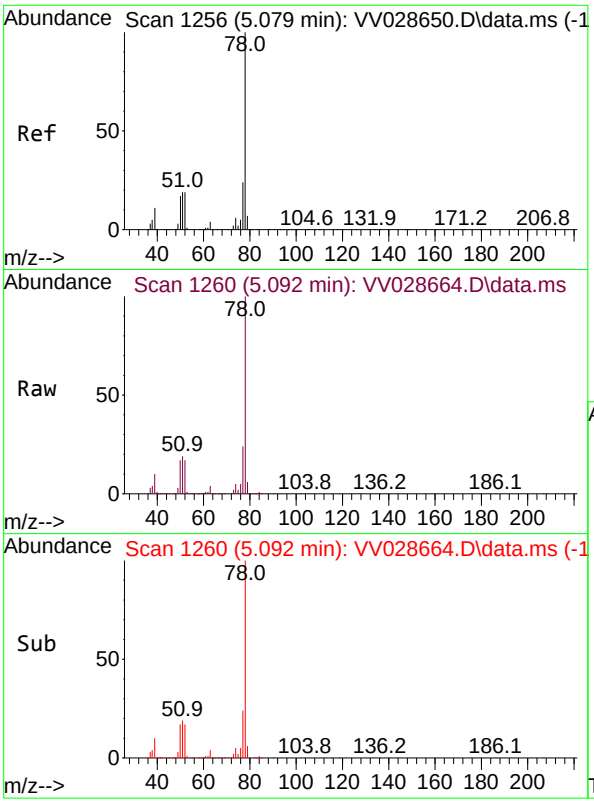


#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Tgt Ion: 73 Resp: 3126

Ion	Ratio	Lower	Upper
73	100		
43	19.3	18.0	27.0
57	18.3	20.0	30.0#

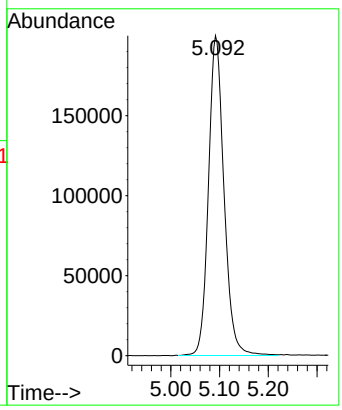


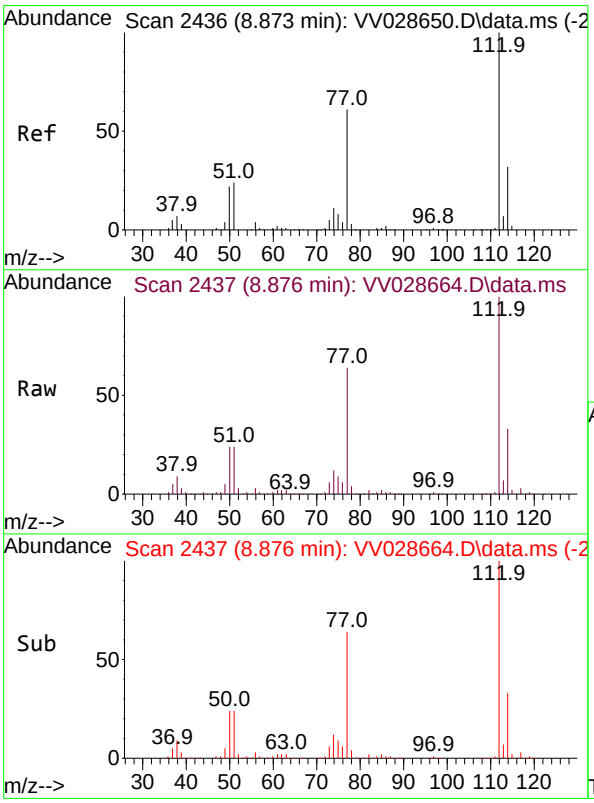


#33
Benzene
Concen: 6.834 ug/L
RT: 5.092 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Instrument :
MSVOA_V
ClientSampleId :
BHA85DL

Tgt Ion: 78 Resp: 441410

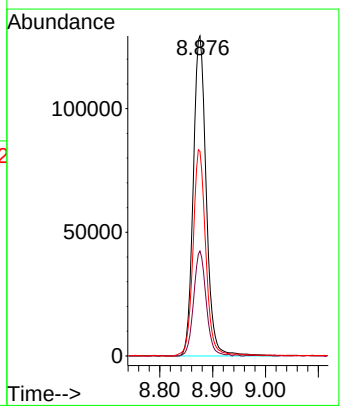


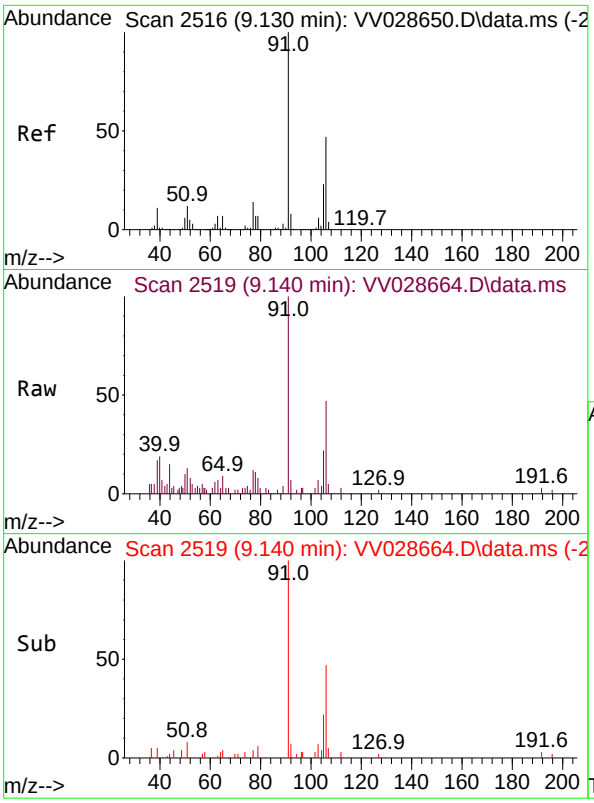


#51
Chlorobenzene
Concen: 7.067 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Tgt Ion:112 Resp: 220991

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.0	41.0
77	64.0	50.0	75.0



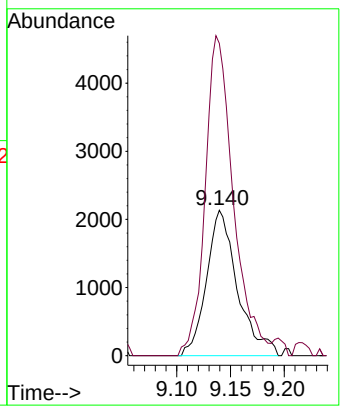


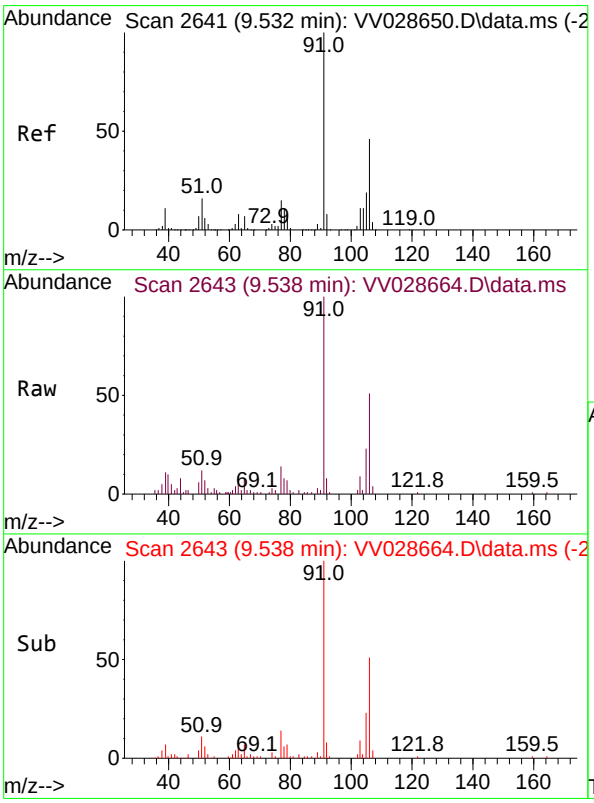
#53
m,p-Xylene
Concen: 0.211 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Instrument :
MSVOA_V
ClientSampleId :
BHA85DL

Tgt Ion:106 Resp: 4273

Ion	Ratio	Lower	Upper
106	100		
91	214.9	145.5	270.1

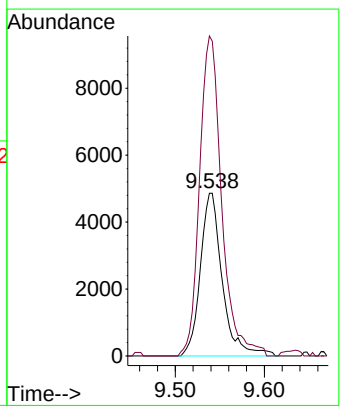


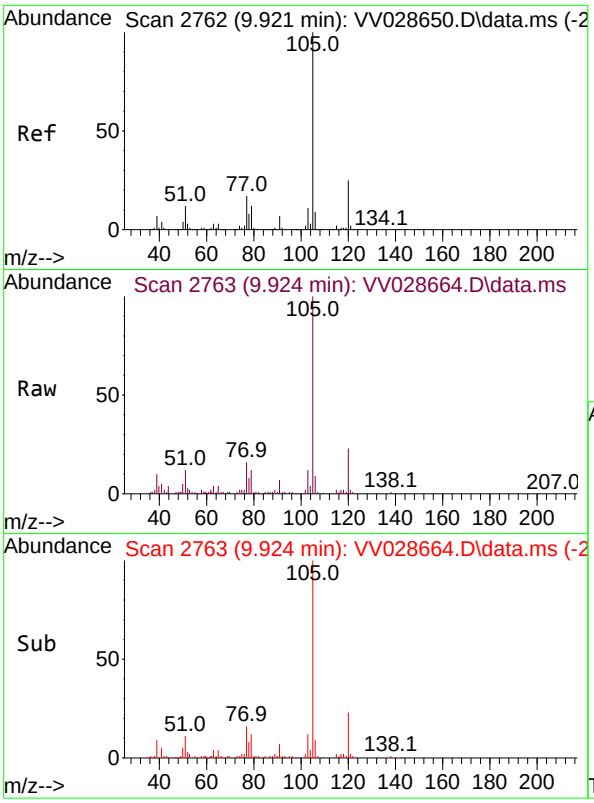


#54
o-Xylene
Concen: 0.414 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.006 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Tgt Ion:106 Resp: 8304

Ion	Ratio	Lower	Upper
106	100		
91	196.6	159.0	295.4



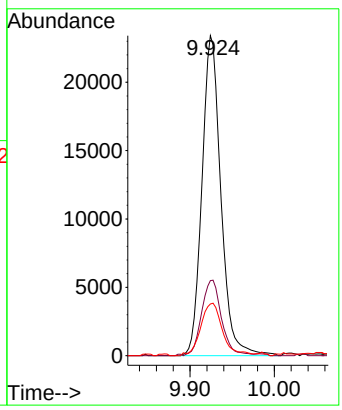


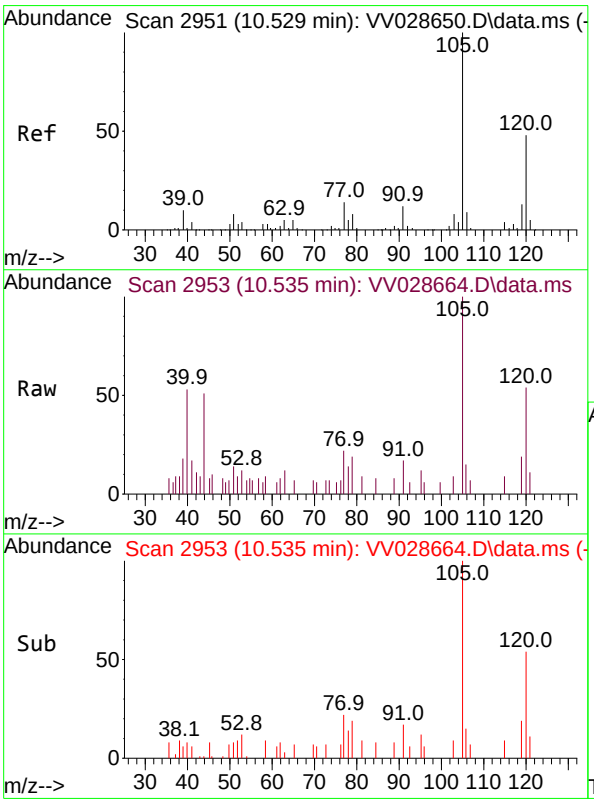
#60
Isopropylbenzene
Concen: 0.714 ug/L
RT: 9.924 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Instrument :
MSVOA_V
ClientSampleId :
BHA85DL

Tgt Ion:105 Resp: 36678

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.1	30.1
77	18.9	13.4	20.0

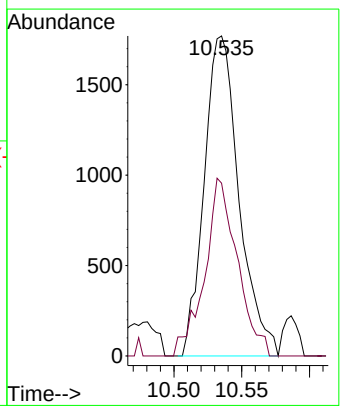


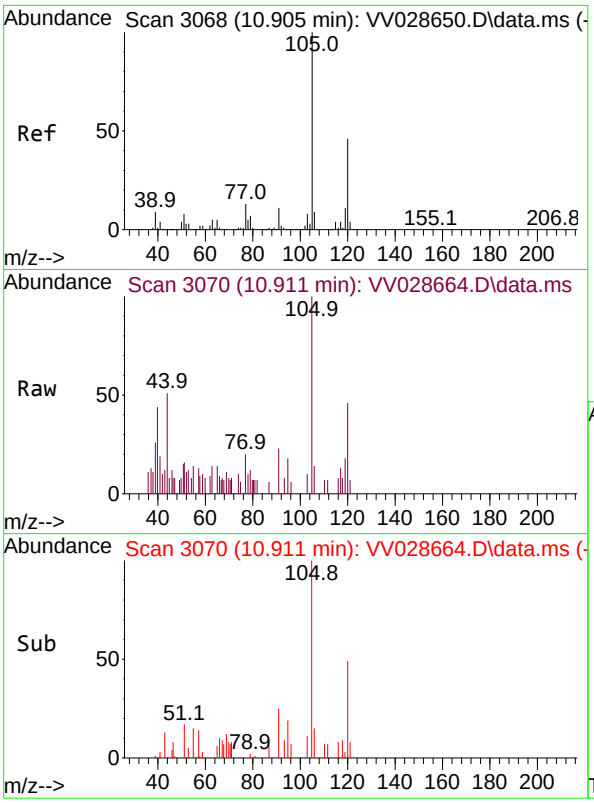


#62
1,3,5-Trimethylbenzene
Concen: 0.214 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Tgt Ion:105 Resp: 3163

Ion	Ratio	Lower	Upper
105	100		
120	51.9	38.3	57.5





#63
1,2,4-Trimethylbenzene
Concen: 0.073 ug/L
RT: 10.911 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV028664.D
Acq: 21 Oct 2022 15:58

Instrument :
MSVOA_V
ClientSampleId :
BHA85DL

Tgt Ion:105 Resp: 2887

Ion	Ratio	Lower	Upper
105	100		
120	42.7	36.2	54.2