Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029181.D
Acq On : 19 Nov 2022 19:26
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Quant Time: Nov 20 01:01:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	335689	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	307825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	158857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108385	5.296	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.000%			
7) Chloroethane-d5	1.568	69	87452	4.861	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.200%			
11) 1,1-Dichloroethene-d2	2.108	63	148107	3.971	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.400%			
20) 2-Butanone-d5	3.879	46	193226	56.403	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.800%			
24) Chloroform-d	4.342	84	181436	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
26) 1,2-Dichloroethane-d4	5.027	65	85498	4.523	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
32) Benzene-d6	5.047	84	398222	4.334	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	6.066	67	116655	4.547	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.000%			
41) Toluene-d8	7.310	98	351854	4.254	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	7.622	79	34520	4.125	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.600%			
46) 2-Hexanone-d5	8.085	63	172333	48.248	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.500%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83523	4.695	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	11.615	152	132459	4.661	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	17860	0.879	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	96658	2.509	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	126607	5.284	ug/L	99
33) Benzene	5.095	78	471305	5.010	ug/L	100
34) Trichloroethene	5.918	95	15250	0.633	ug/L	96
53) m,p-Xylene	9.136	106	6184	0.147	ug/L	81
54) o-Xylene	9.538	106	20043	0.501	ug/L	96
60) Isopropylbenzene	9.924	105	828706	8.037	ug/L	99

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

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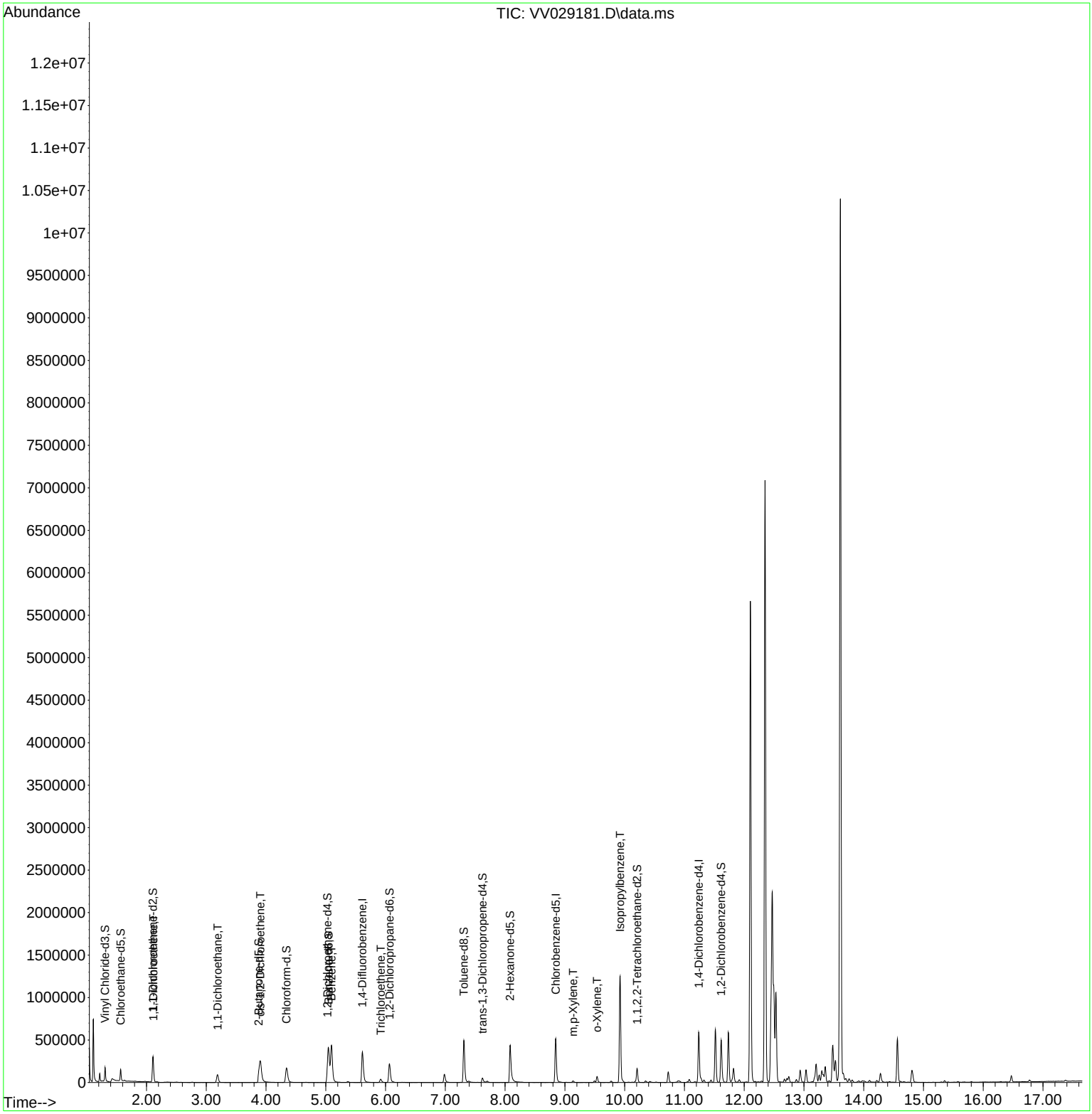
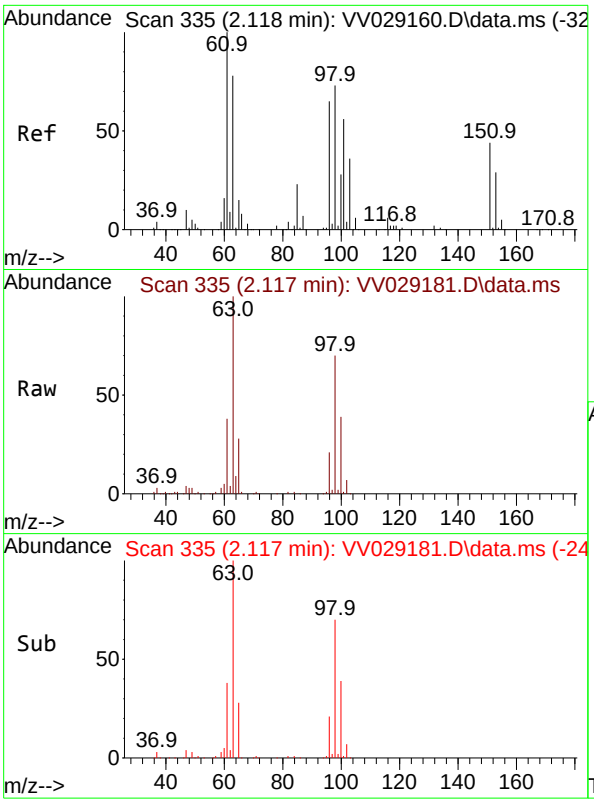


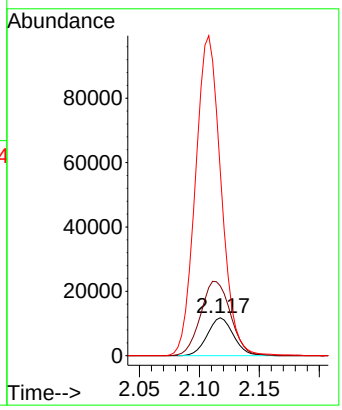


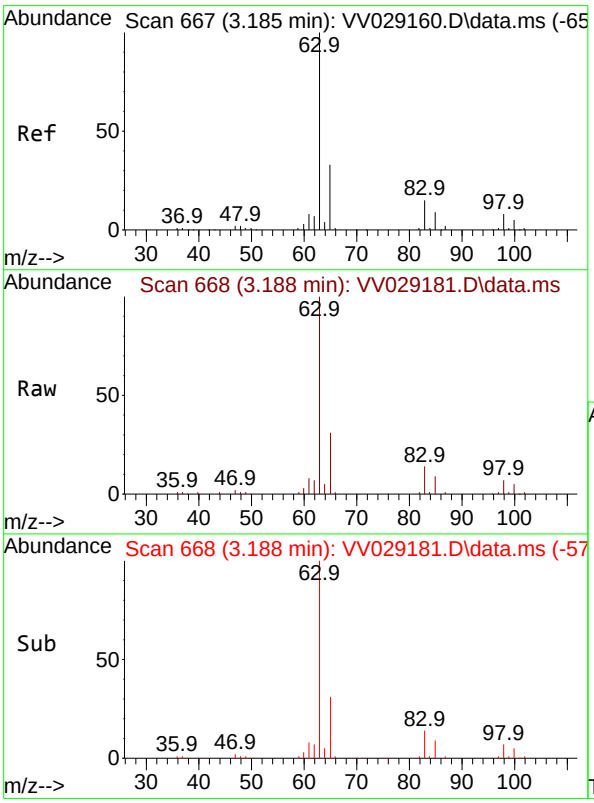
#12
1,1-Dichloroethene
Concen: 0.879 ug/L
RT: 2.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion: 96 Resp: 17860

Ion	Ratio	Lower	Upper
96	100		
61	183.9	104.2	193.4
63	486.7	75.9	140.9#

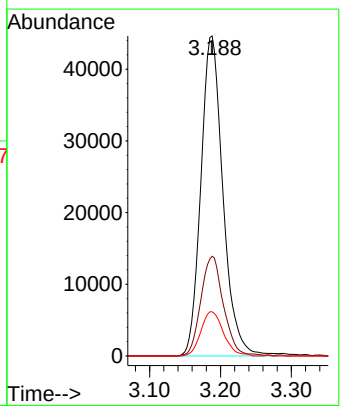


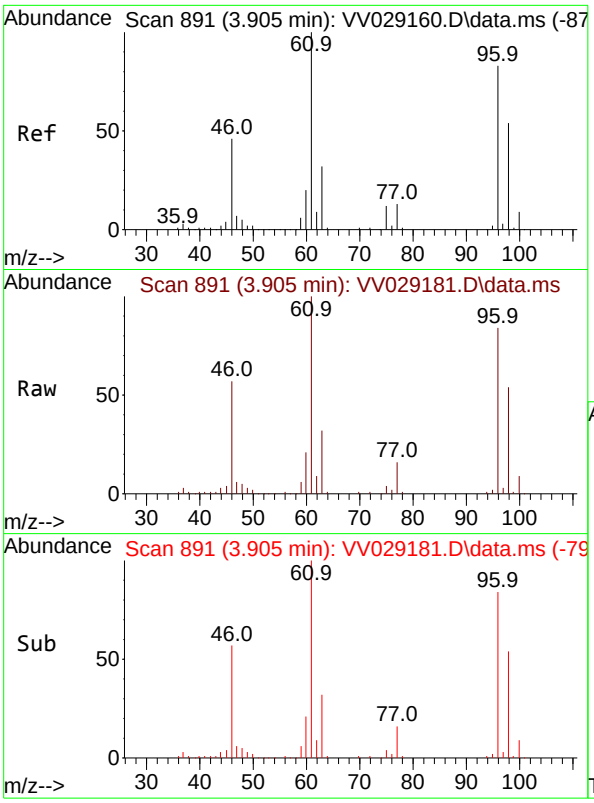


#19
1,1-Dichloroethane
Concen: 2.509 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Tgt Ion: 63 Resp: 96658

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.0	42.6
83	13.8	9.4	17.6



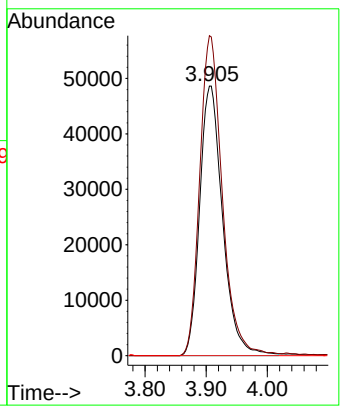


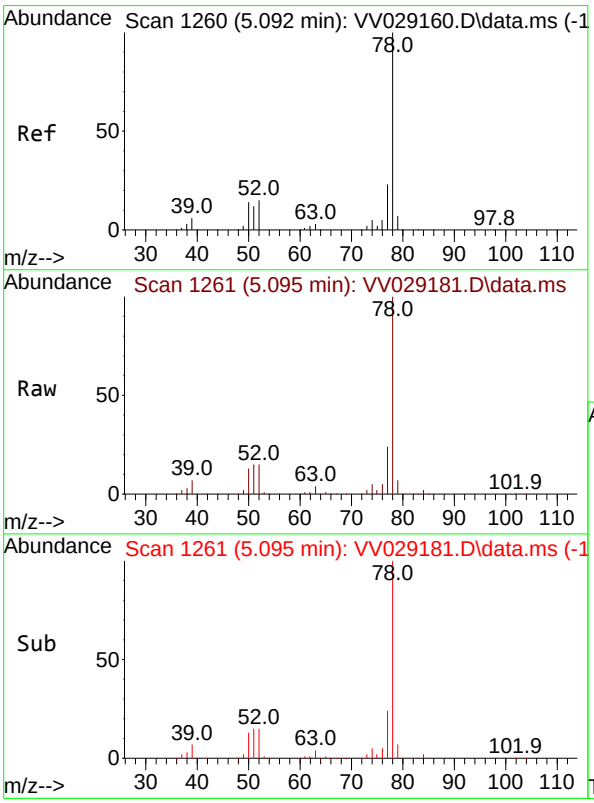
#22
cis-1,2-Dichloroethene
Concen: 5.284 ug/L
RT: 3.905 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion: 96 Resp: 126607

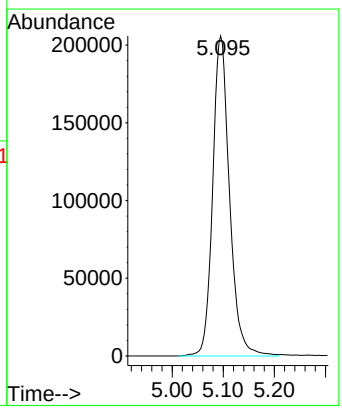
Ion	Ratio	Lower	Upper
96	100		
61	118.7	82.3	152.9
68	0.0	0.0	0.0

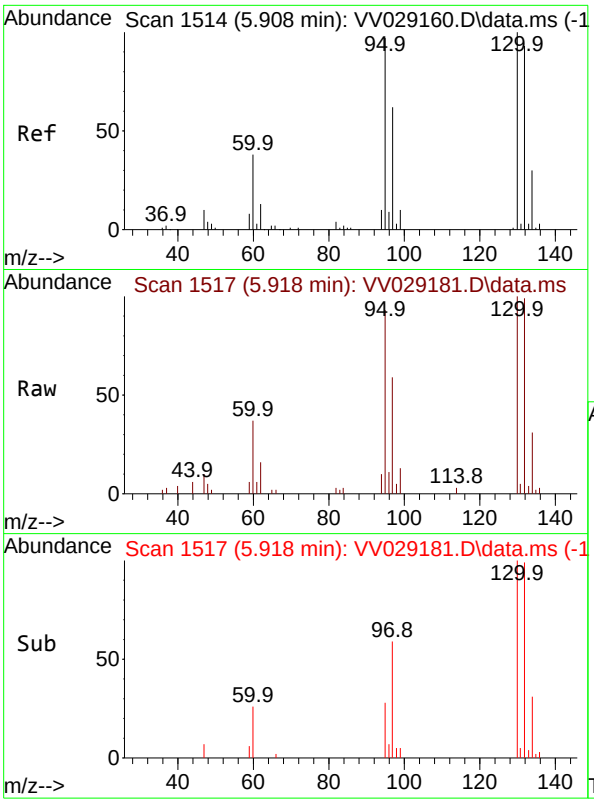




#33
Benzene
Concen: 5.010 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Tgt Ion: 78 Resp: 471305



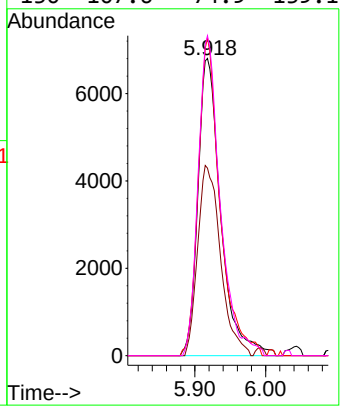


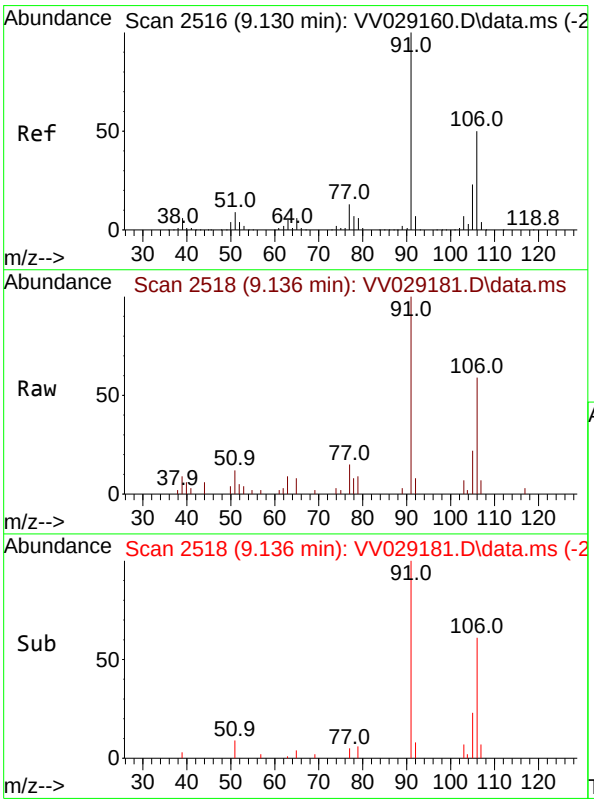
#34
Trichloroethene
Concen: 0.633 ug/L
RT: 5.918 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion: 95 Resp: 15250

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.6	84.8
132	106.9	69.1	128.3
130	107.6	74.9	139.1

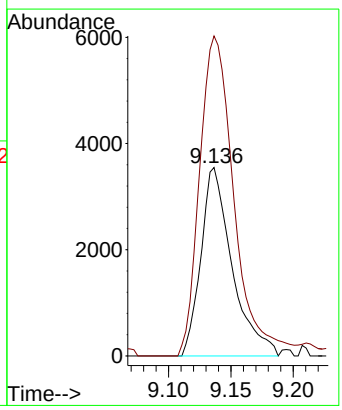


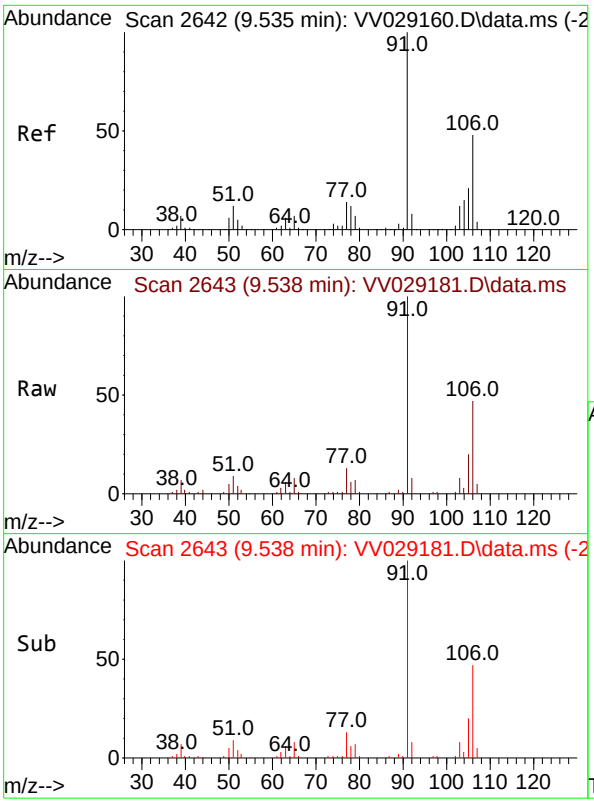


#53
m,p-Xylene
Concen: 0.147 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Tgt Ion:106 Resp: 6184

Ion	Ratio	Lower	Upper
106	100		
91	169.8	139.1	258.3



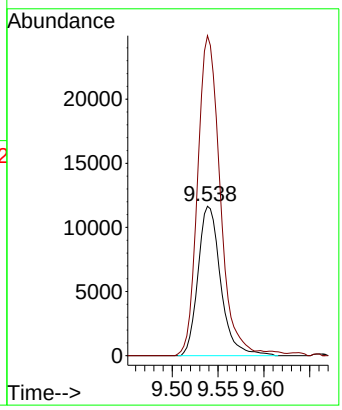


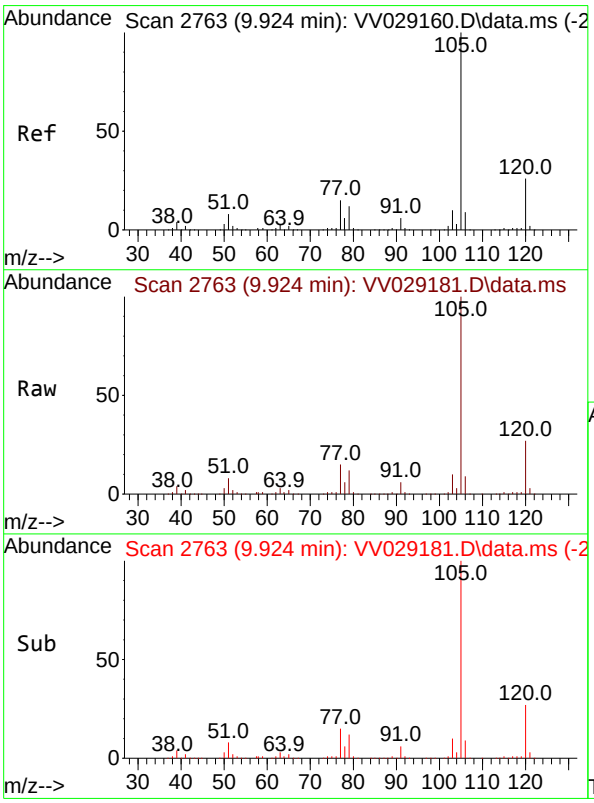
#54
o-Xylene
Concen: 0.501 ug/L
RT: 9.538 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion:106 Resp: 20043

Ion	Ratio	Lower	Upper
106	100		
91	214.0	145.7	270.7





#60
Isopropylbenzene
Concen: 8.037 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV029181.D
Acq: 19 Nov 2022 19:26

Tgt Ion:105 Resp: 828706

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.3	31.9
77	14.9	11.8	17.8