Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Quant Time: Nov 25 00:23:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	264383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	233386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	117723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88840	5.460	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.200%			
7) Chloroethane-d5	1.568	69	70231	5.897	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.000%			
11) 1,1-Dichloroethene-d2	2.105	63	113471	4.358	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.200%			
20) 2-Butanone-d5	3.886	46	166417	61.142	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.280%			
24) Chloroform-d	4.339	84	157337	5.418	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.400%			
26) 1,2-Dichloroethane-d4	5.027	65	73720	5.769	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.400%			
32) Benzene-d6	5.043	84	356341	5.524	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
36) 1,2-Dichloropropane-d6	6.063	67	103429	5.706	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.200%			
41) Toluene-d8	7.310	98	325311	5.343	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
43) trans-1,3-Dichloroprop...	7.616	79	34321	4.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.082	63	134800	54.117	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.240%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65234	5.833	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.600%			
66) 1,2-Dichlorobenzene-d4	11.612	152	116840	5.681	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	13563	0.998	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	83017	2.956	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	105806	5.929	ug/L	99
33) Benzene	5.092	78	398216	5.705	ug/L	100
34) Trichloroethene	5.912	95	12516	0.703	ug/L	88
53) m,p-Xylene	9.130	106	5500	0.179	ug/L	96
54) o-Xylene	9.535	106	17401	0.575	ug/L	84
60) Isopropylbenzene	9.921	105	696618	9.152	ug/L	100

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

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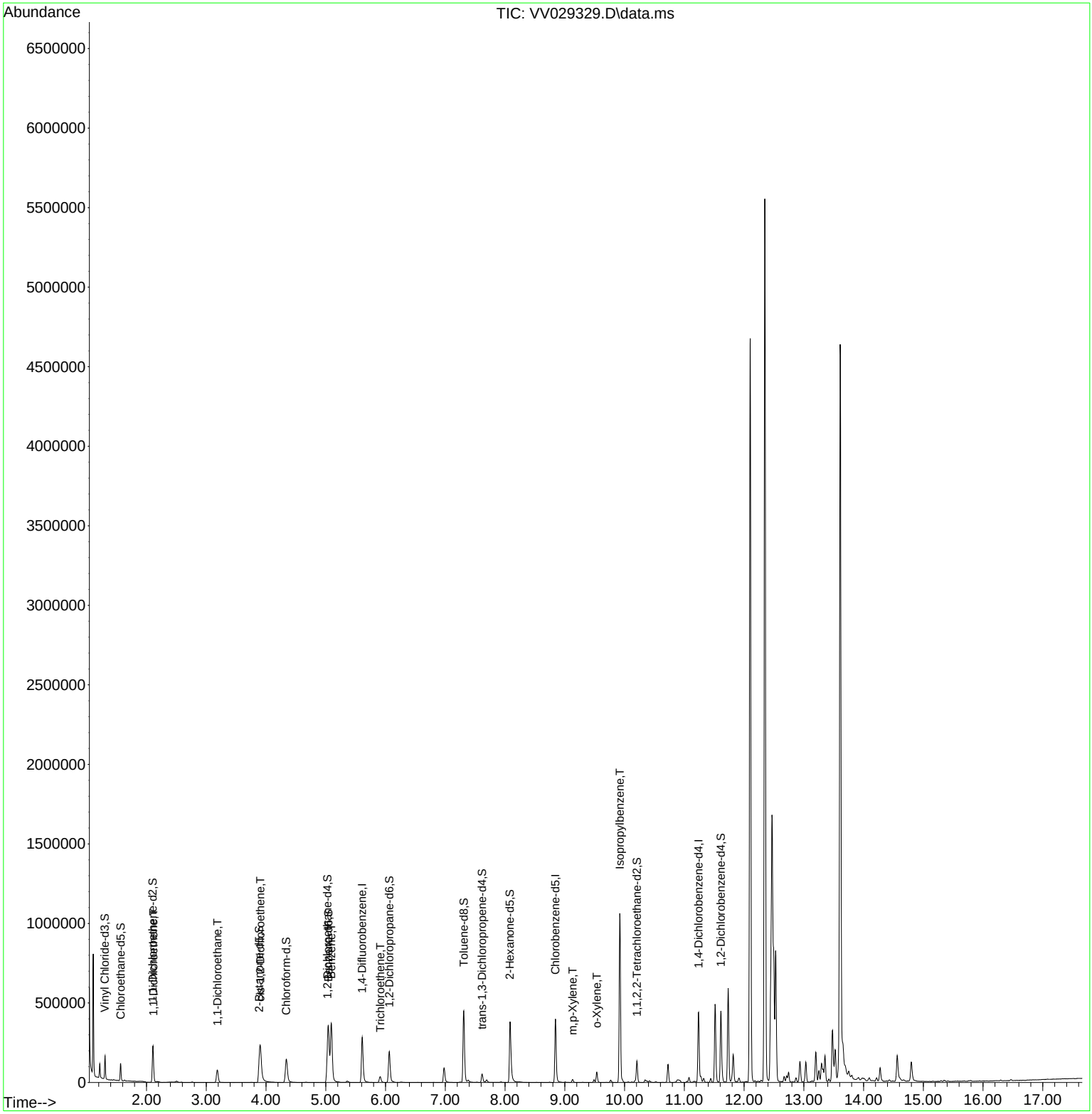
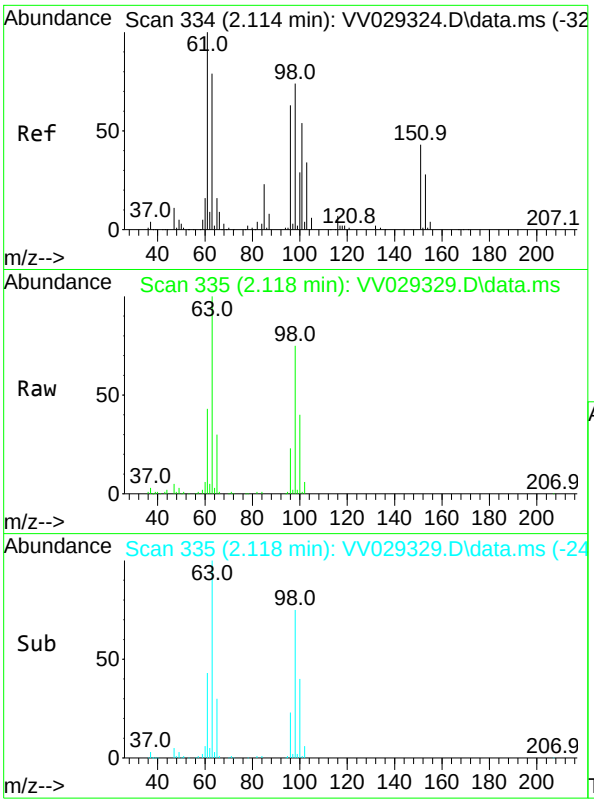


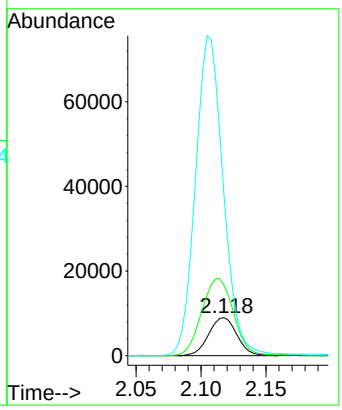


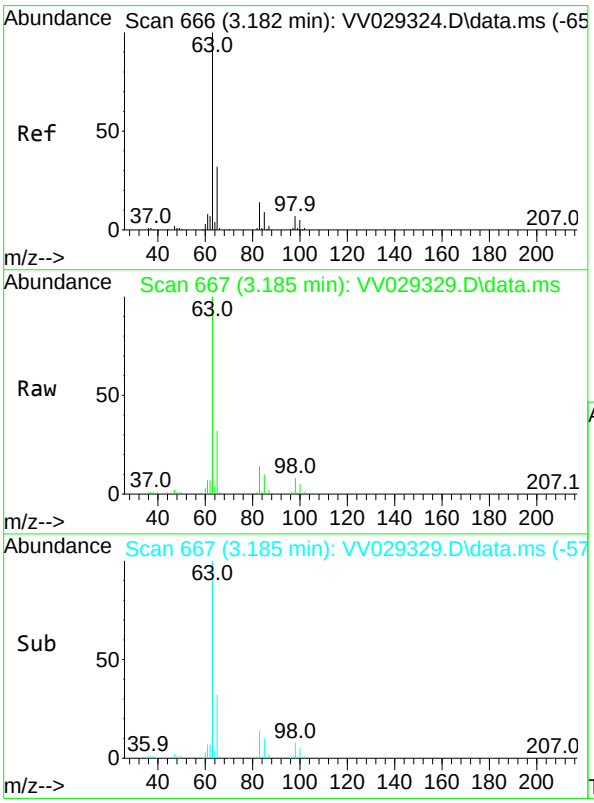
#12
1,1-Dichloroethene
Concen: 0.998 ug/L
RT: 2.118 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion: 96 Resp: 13563

Ion	Ratio	Lower	Upper
96	100		
61	185.6	110.3	204.9
63	427.9	84.4	156.8#

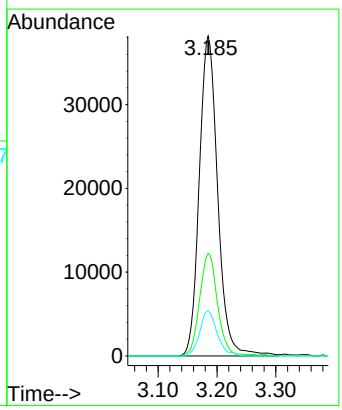


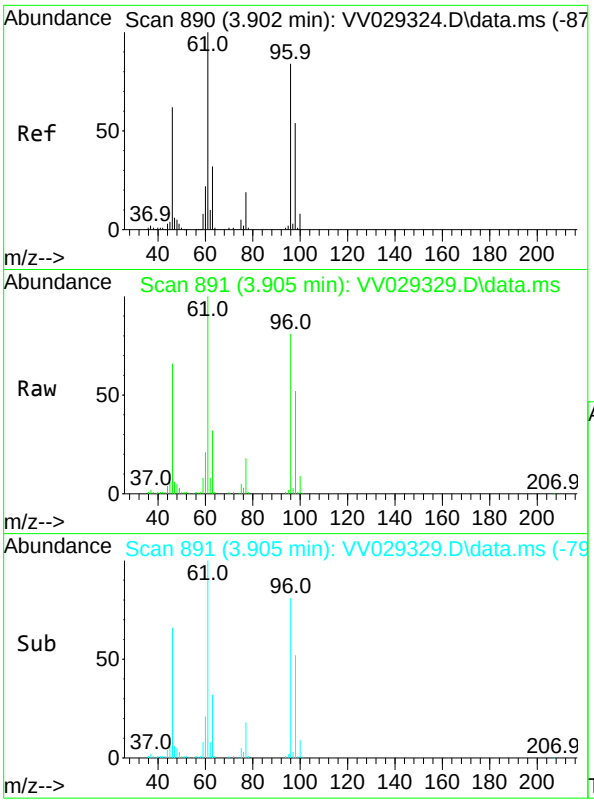


#19
1,1-Dichloroethane
Concen: 2.956 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Tgt Ion: 63 Resp: 83017

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.6	40.2
83	14.1	10.3	19.1



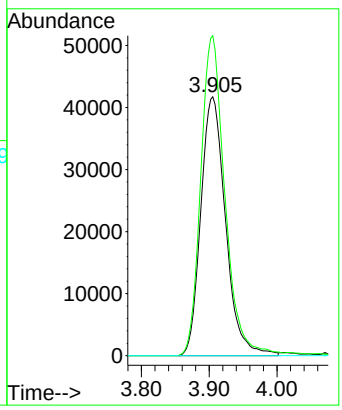


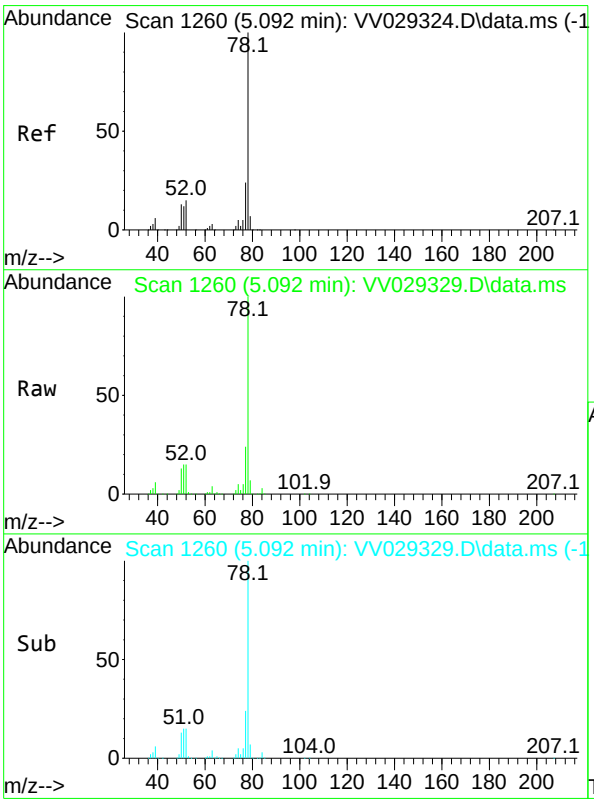
#22
cis-1,2-Dichloroethene
Concen: 5.929 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion: 96 Resp: 105806

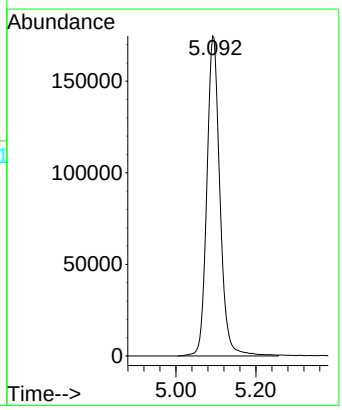
Ion	Ratio	Lower	Upper
96	100		
61	123.6	85.8	159.3
68	0.0	0.0	0.0

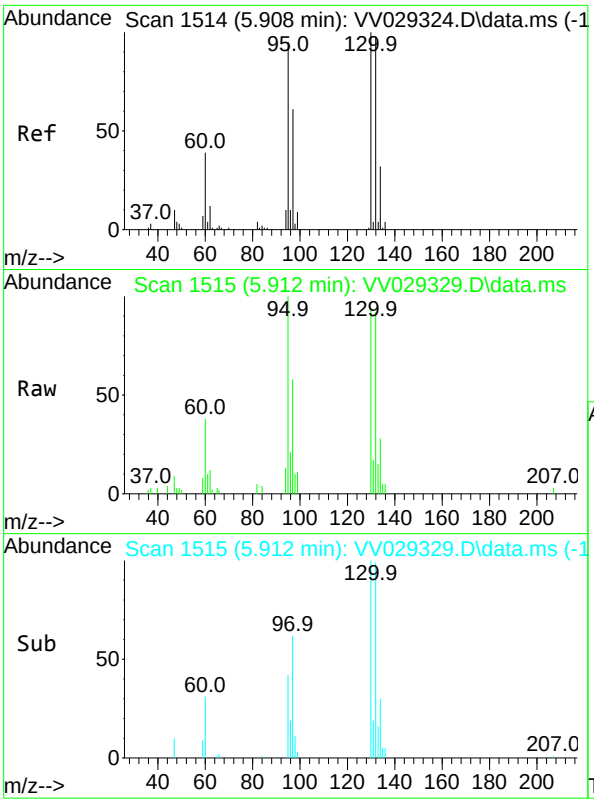




#33
Benzene
Concen: 5.705 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Tgt Ion: 78 Resp: 398216



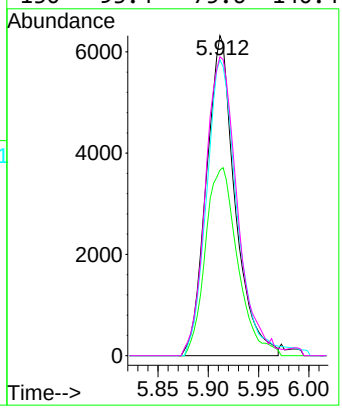


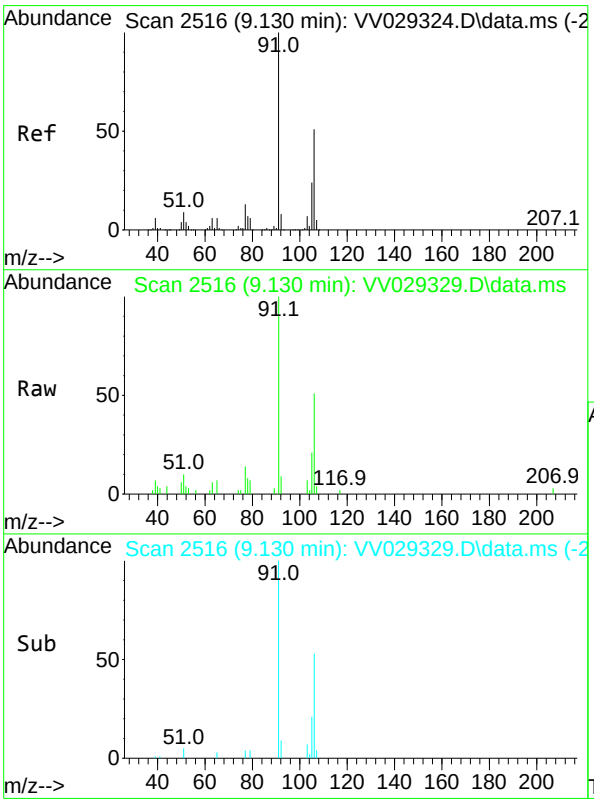
#34
Trichloroethene
Concen: 0.703 ug/L
RT: 5.912 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion: 95 Resp: 12516

Ion	Ratio	Lower	Upper
95	100		
97	58.0	45.4	84.4
132	92.4	73.3	136.1
130	93.4	75.6	140.4

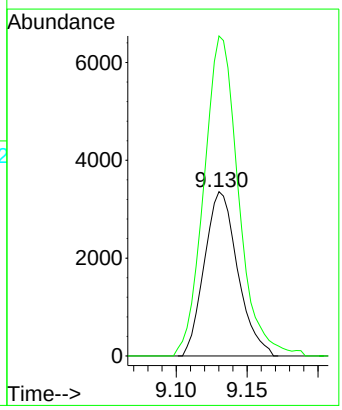


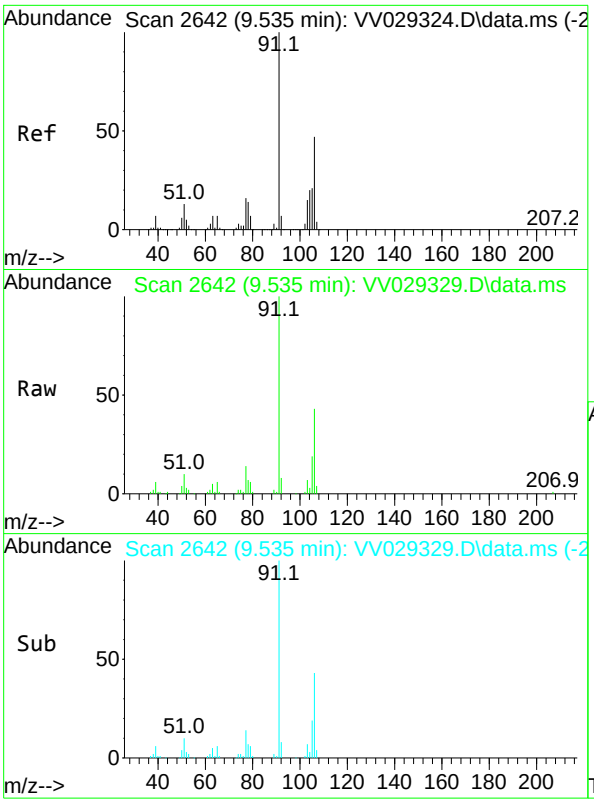


#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Tgt Ion:106 Resp: 5500

Ion	Ratio	Lower	Upper
106	100		
91	194.7	140.6	261.2



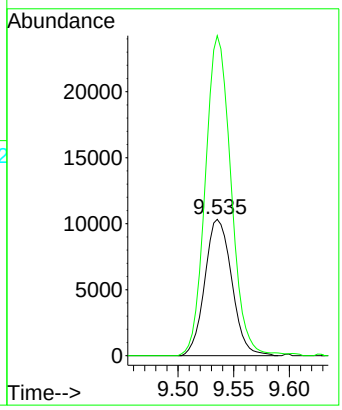


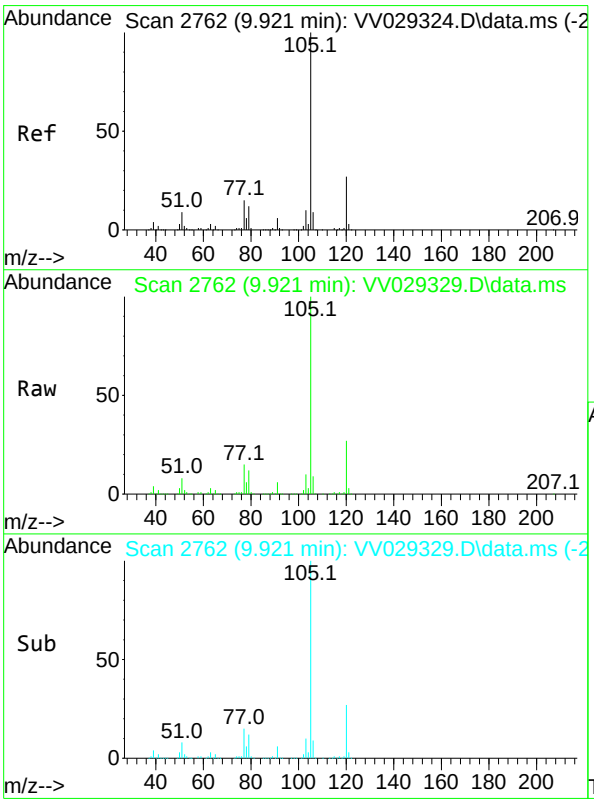
#54
o-Xylene
Concen: 0.575 ug/L
RT: 9.535 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Instrument :
MSVOA_V
ClientSampleId :
BHB43

Tgt Ion:106 Resp: 17401

Ion	Ratio	Lower	Upper
106	100		
91	234.6	146.9	272.9





#60
Isopropylbenzene
Concen: 9.152 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029329.D
Acq: 24 Nov 2022 06:03

Tgt Ion:105 Resp: 696618

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.4	32.2
77	14.9	11.8	17.8