Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029095.D
Acq On : 18 Nov 2022 04:13
Operator : SY/MD
Sample : N5648-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Quant Time: Nov 18 06:03:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	261310	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	238047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	111037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60956	3.826	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.600%			
7) Chloroethane-d5	1.568	69	51989	3.712	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.200%			
11) 1,1-Dichloroethene-d2	2.108	63	84587	2.914	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.200%#			
20) 2-Butanone-d5	3.886	46	163491	61.307	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.620%			
24) Chloroform-d	4.342	84	148536	4.541	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.031	65	70696	4.804	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.047	84	305682	4.302	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
36) 1,2-Dichloropropane-d6	6.066	67	88943	4.483	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.600%			
41) Toluene-d8	7.310	98	280590	4.387	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	7.622	79	27431	4.239	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.800%			
46) 2-Hexanone-d5	8.088	63	128951	46.685	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.360%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69684	5.066	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	104455	5.258	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	6703	0.371	ug/L	90
5) Vinyl chloride	1.310	62	201793	9.786	ug/L	91
12) 1,1-Dichloroethene	2.114	96	2749	0.174	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	628326	18.527	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	301989	16.460	ug/L	94
19) 1,1-Dichloroethane	3.188	63	33570	1.119	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	1102963	59.134	ug/L	94
33) Benzene	5.098	78	24725	0.340	ug/L	100
34) Trichloroethene	5.911	95	77640	4.169	ug/L	97

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

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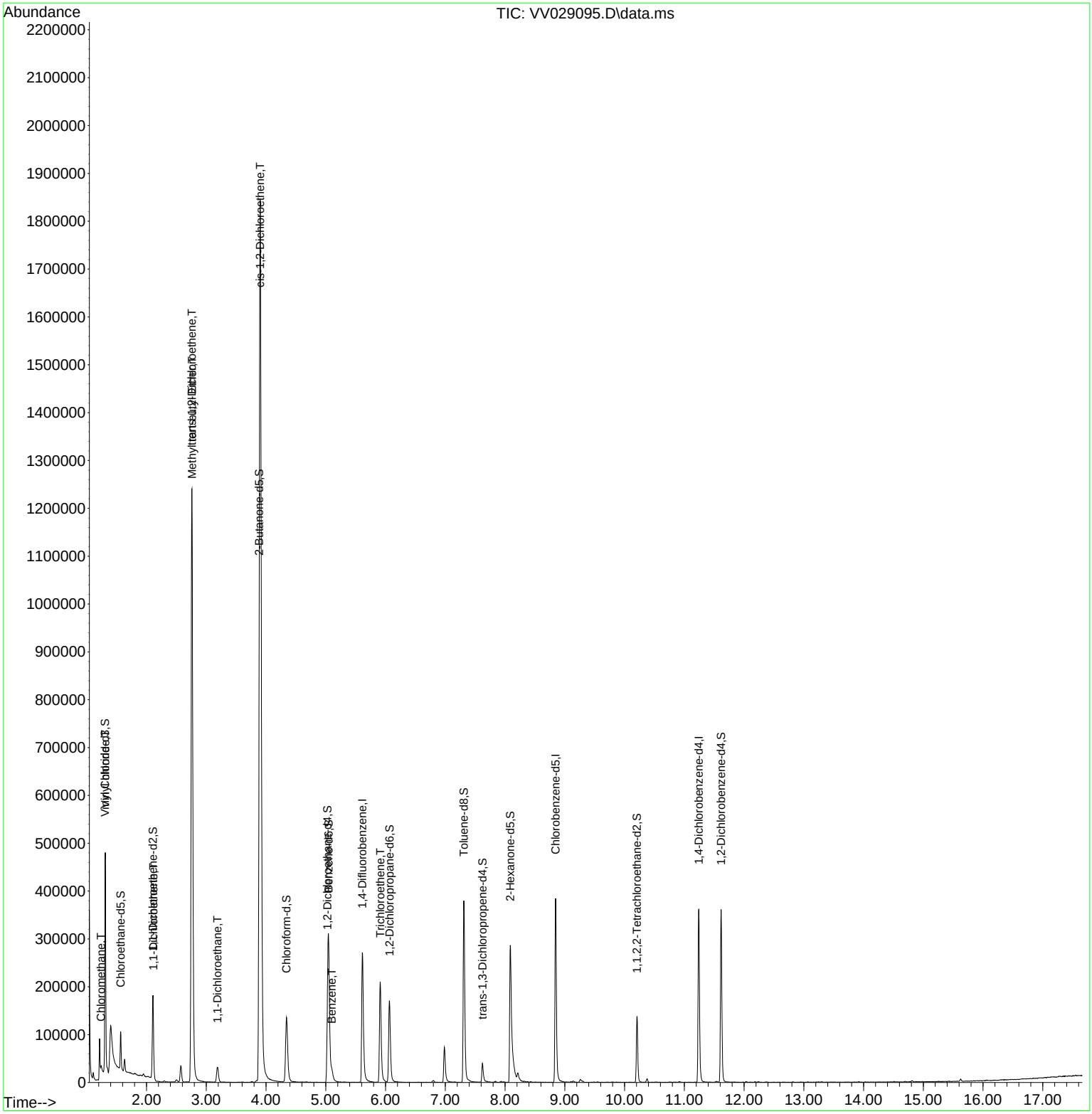
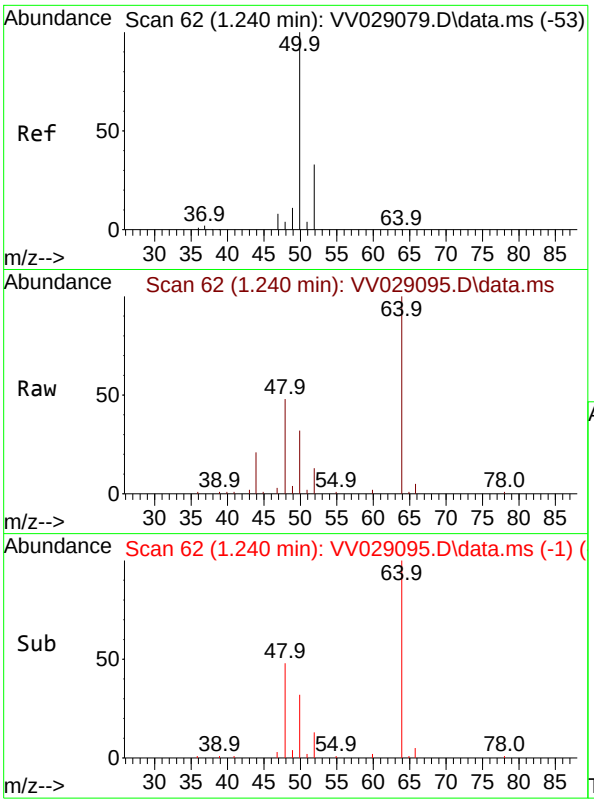


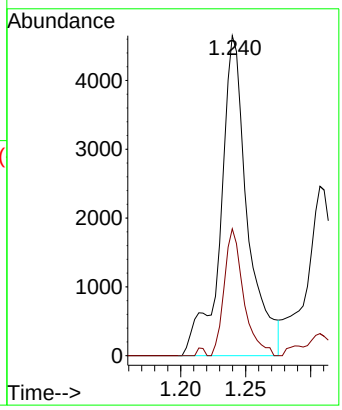


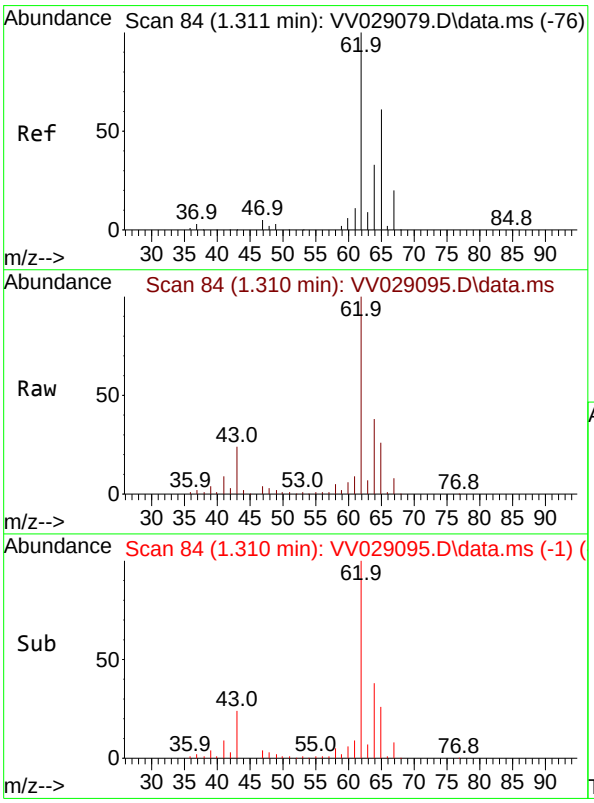
#3
Chloromethane
Concen: 0.371 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Tgt Ion: 50 Resp: 6703

Ion	Ratio	Lower	Upper
50	100		
52	39.7	23.7	43.9

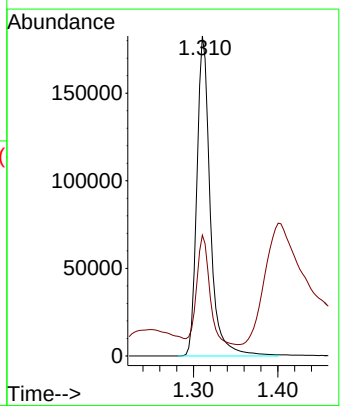


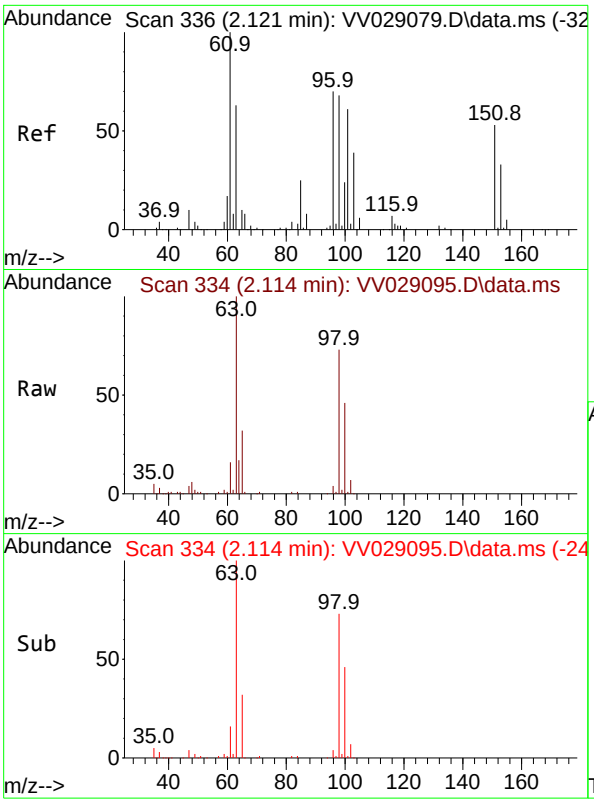


#5
Vinyl chloride
Concen: 9.786 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 62 Resp: 201793

Ion	Ratio	Lower	Upper
62	100		
64	37.8	22.8	42.4



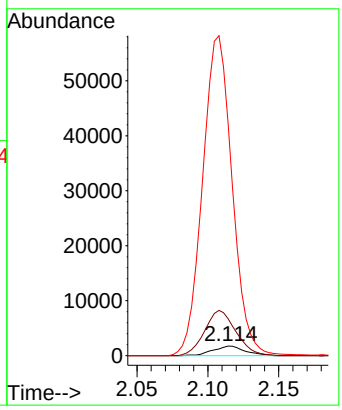


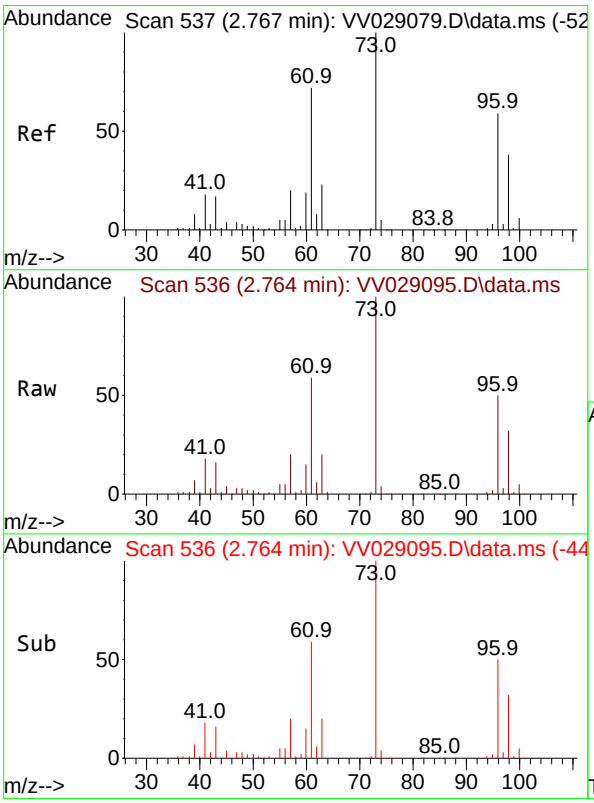
#12
1,1-Dichloroethene
Concen: 0.174 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.007 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Tgt Ion: 96 Resp: 2749

Ion	Ratio	Lower	Upper
96	100		
61	383.3	104.2	193.4#
63	2408.2	75.9	140.9#

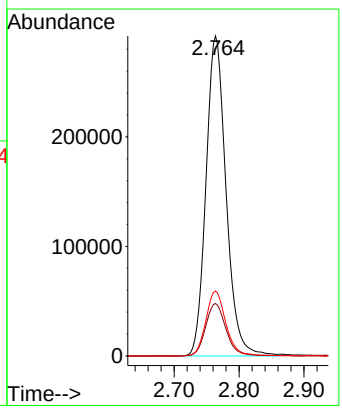


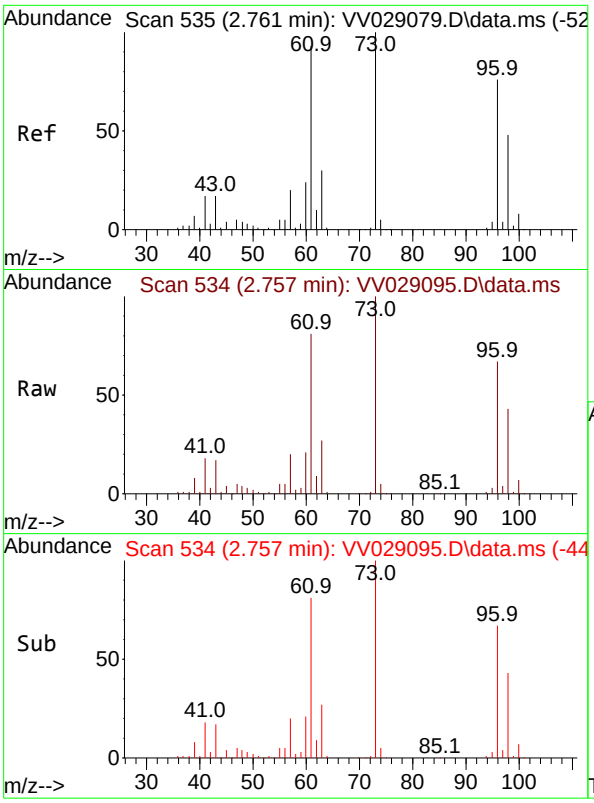


#17
Methyl tert-butyl Ether
Concen: 18.527 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 73 Resp: 628326

Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.0	19.4
57	20.1	16.6	24.8



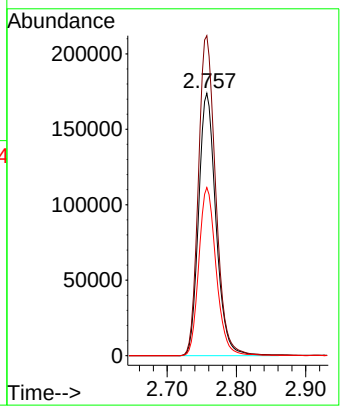


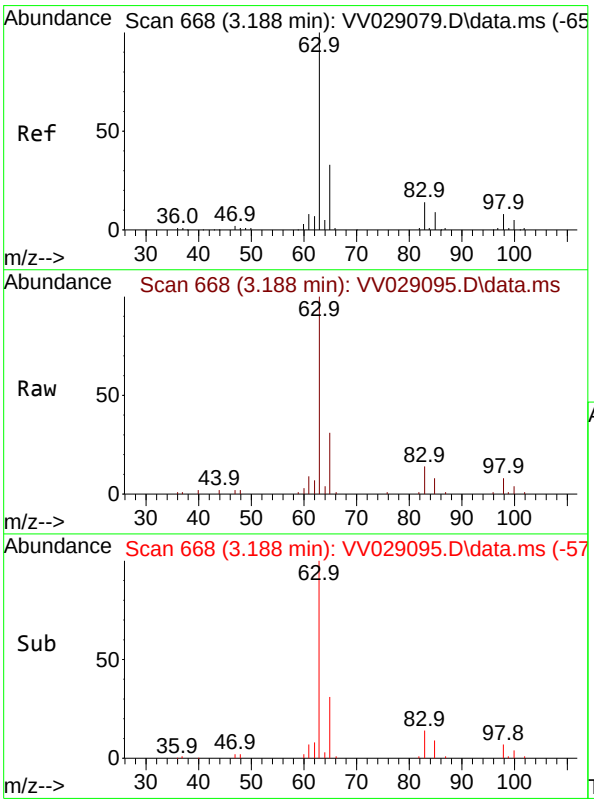
#18
trans-1,2-Dichloroethene
Concen: 16.460 ug/L
RT: 2.757 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Tgt Ion: 96 Resp: 301989

Ion	Ratio	Lower	Upper
96	100		
61	121.9	91.8	170.6
98	64.1	46.4	86.2

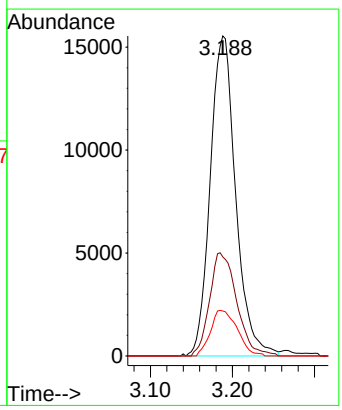


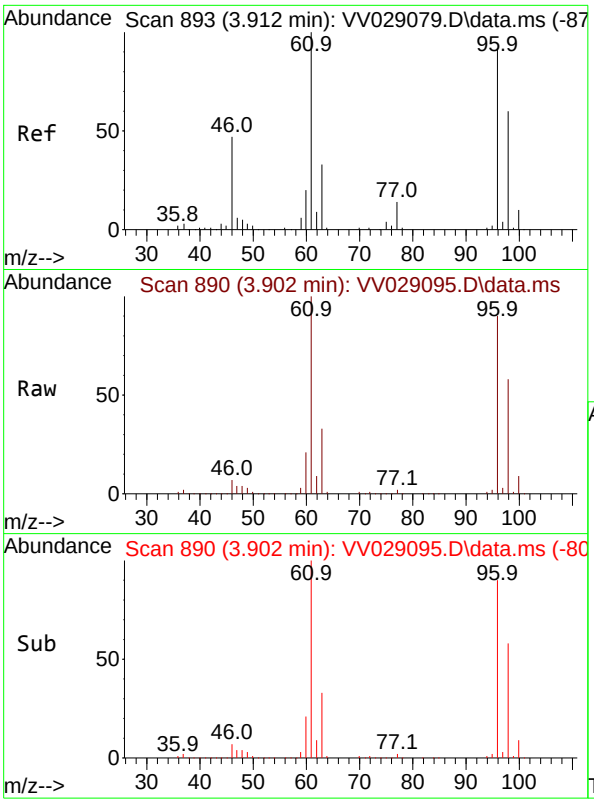


#19
1,1-Dichloroethane
Concen: 1.119 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 63 Resp: 33570

Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.0	42.6
83	14.1	9.4	17.6



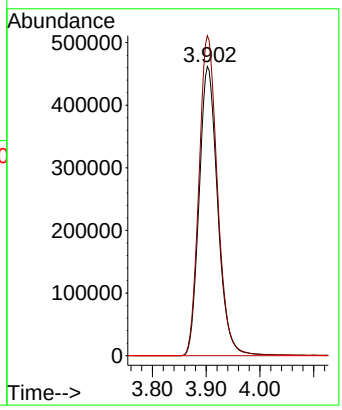


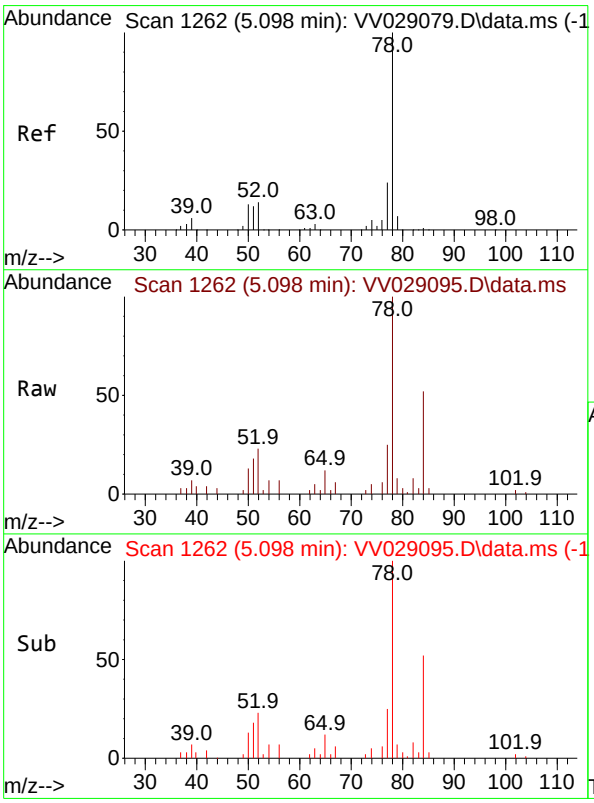
#22
cis-1,2-Dichloroethene
Concen: 59.134 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.010 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Tgt Ion: 96 Resp: 1102963

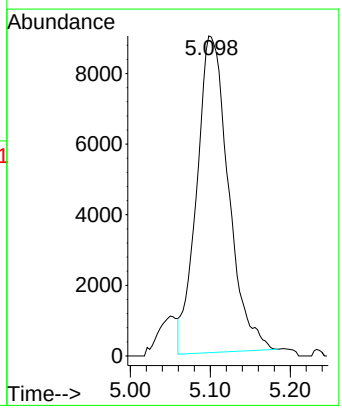
Ion	Ratio	Lower	Upper
96	100		
61	110.7	82.3	152.9
68	0.0	0.0	0.0

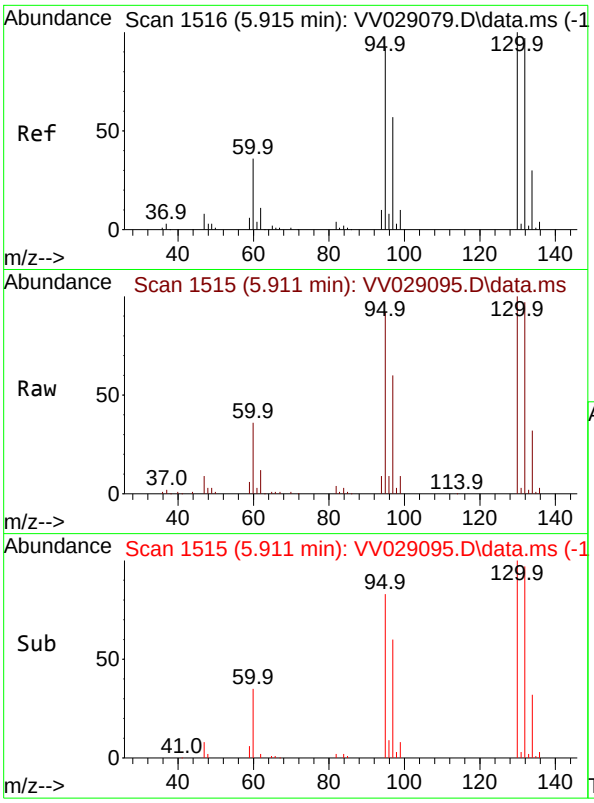




#33
Benzene
Concen: 0.340 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Tgt Ion: 78 Resp: 24725





#34
Trichloroethene
Concen: 4.169 ug/L
RT: 5.911 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029095.D
Acq: 18 Nov 2022 04:13

Instrument :
MSVOA_V
ClientSampleId :
H46E0

Tgt Ion: 95 Resp: 77640

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.8
132	105.3	69.1	128.3
130	108.8	74.9	139.1