Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029096.D
Acq On : 18 Nov 2022 04:38
Operator : SY/MD
Sample : N5648-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46E1

Quant Time: Nov 18 06:04:08 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	5.613	114	260769	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	236976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	112888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58896	3.705	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.000%			
7) Chloroethane-d5	1.568	69	50053	3.581	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.600%			
11) 1,1-Dichloroethene-d2	2.105	63	84111	2.903	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.000%#			
20) 2-Butanone-d5	3.886	46	157848	59.314	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.620%			
24) Chloroform-d	4.343	84	146030	4.474	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	5.027	65	68675	4.676	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.047	84	305748	4.322	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.066	67	89208	4.516	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.400%			
41) Toluene-d8	7.310	98	278503	4.374	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.400%			
43) trans-1,3-Dichloroprop...	7.622	79	27181	4.219	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%			
46) 2-Hexanone-d5	8.088	63	123675	44.977	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.960%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67526	4.931	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.600%			
66) 1,2-Dichlorobenzene-d4	11.616	152	108677	5.381	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.600%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	4536	0.251	ug/L	91
5) Vinyl chloride	1.310	62	117659	5.717	ug/L	87
12) 1,1-Dichloroethene	2.114	96	3052	0.193	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	1251397	36.975	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	218795	11.950	ug/L	93
19) 1,1-Dichloroethane	3.188	63	39969	1.335	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	1030048	55.339	ug/L	94
33) Benzene	5.101	78	26174	0.361	ug/L	100
34) Trichloroethene	5.908	95	173726	9.371	ug/L	94

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

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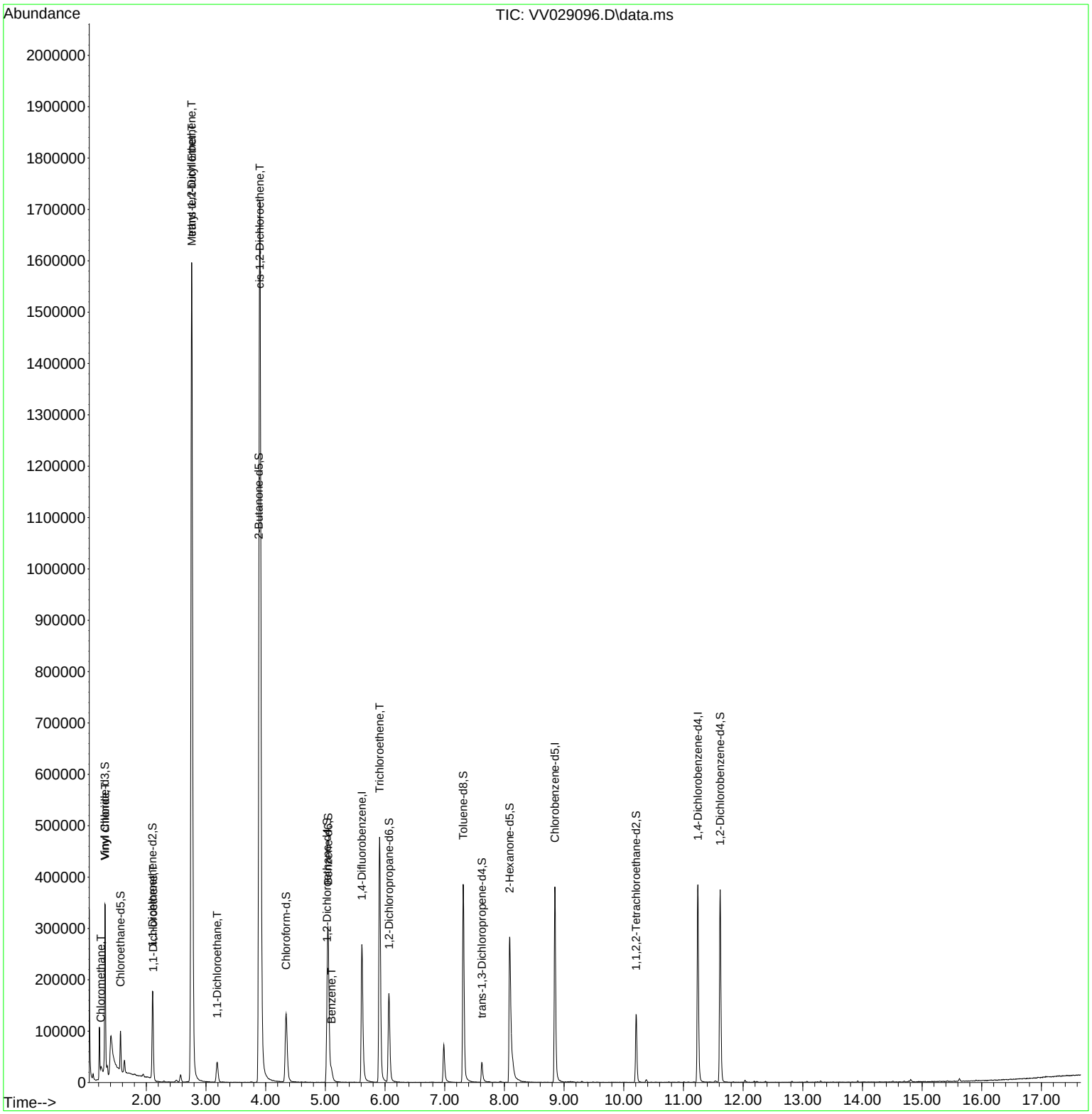
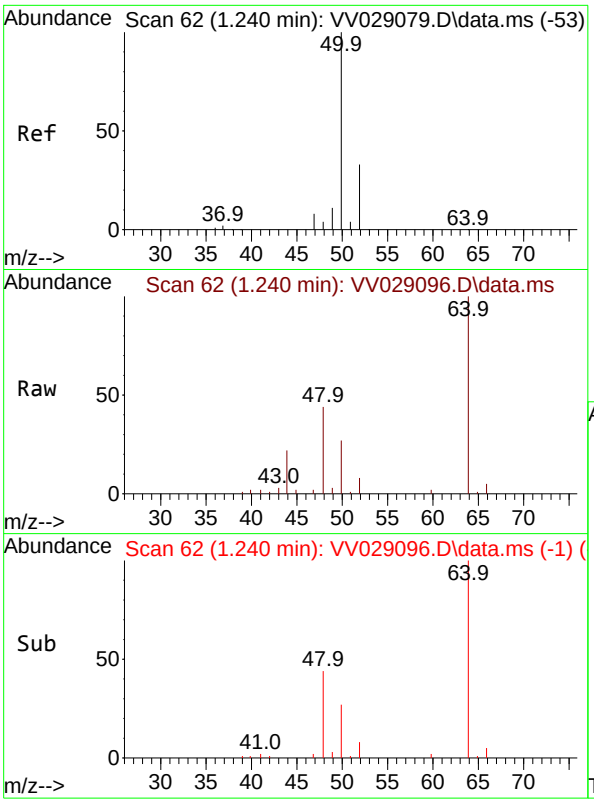


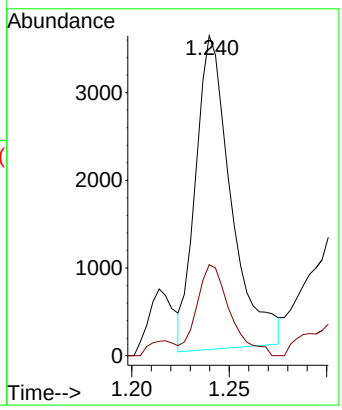


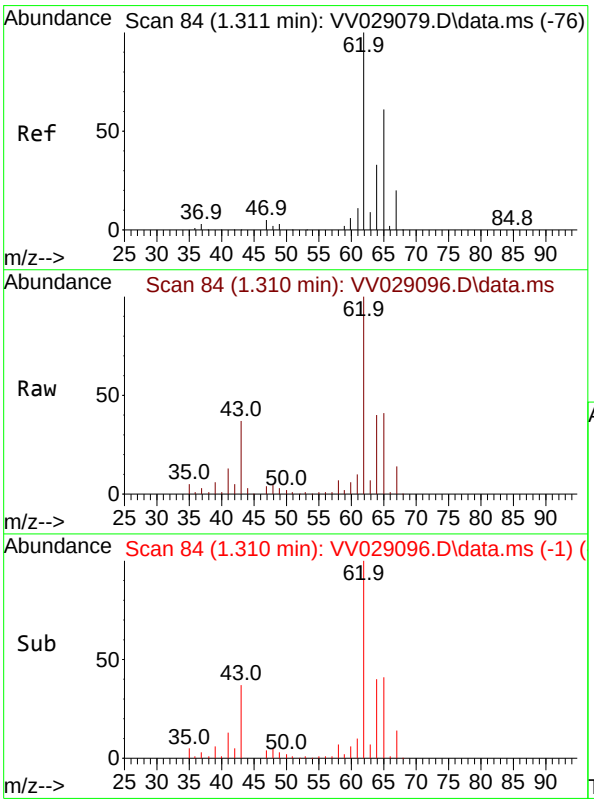
#3
Chloromethane
Concen: 0.251 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Instrument :
MSVOA_V
ClientSampleId :
H46E1

Tgt Ion: 50 Resp: 4536

Ion	Ratio	Lower	Upper
50	100		
52	28.4	23.7	43.9

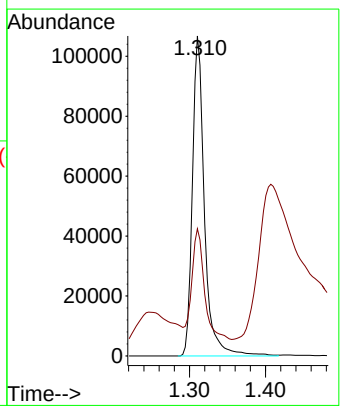


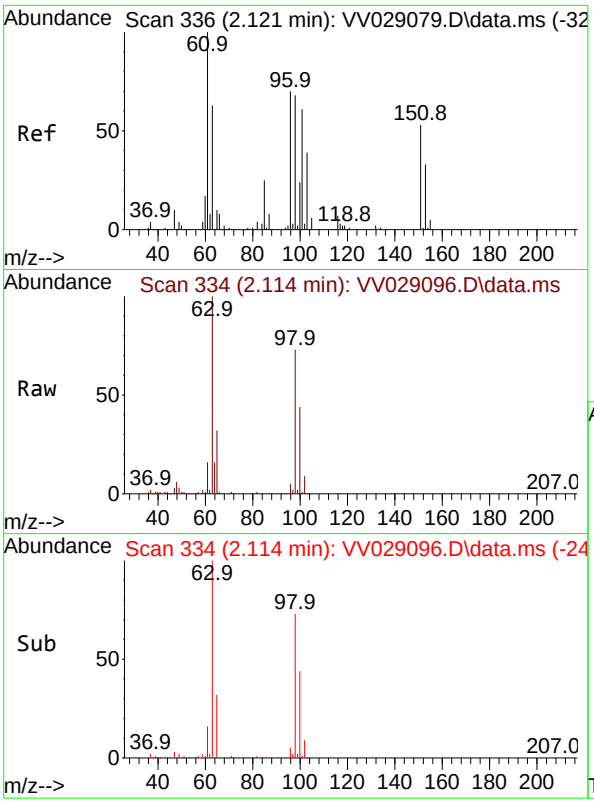


#5
Vinyl chloride
Concen: 5.717 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 62 Resp: 117659

Ion	Ratio	Lower	Upper
62	100		
64	39.7	22.8	42.4



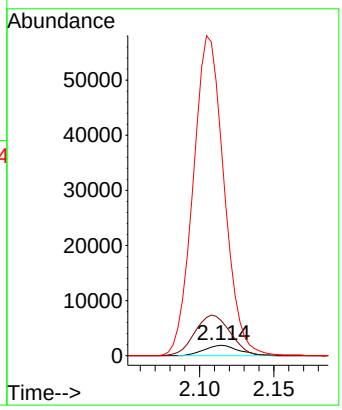


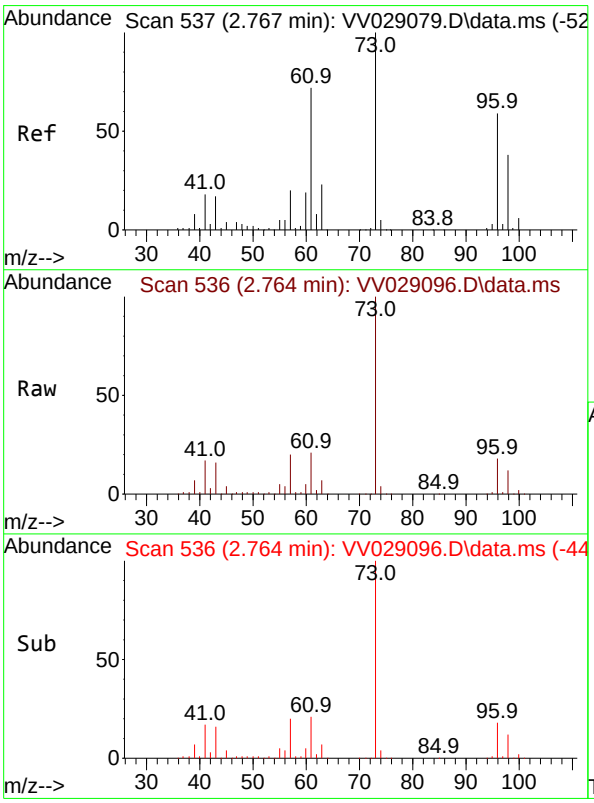
#12
1,1-Dichloroethene
Concen: 0.193 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Instrument :
MSVOA_V
ClientSampleId :
H46E1

Tgt Ion: 96 Resp: 3052

Ion	Ratio	Lower	Upper
96	100		
61	341.0	104.2	193.4#
63	2067.6	75.9	140.9#

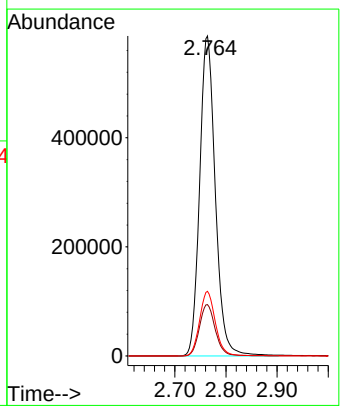


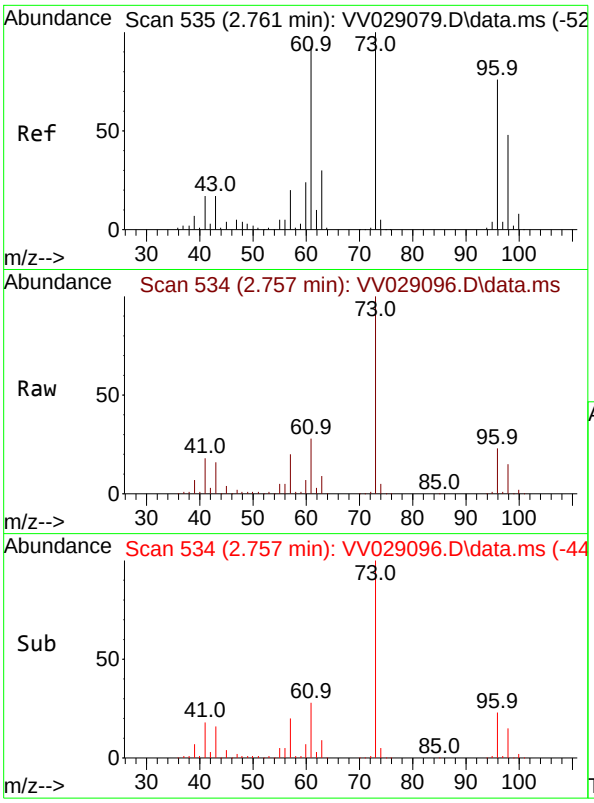


#17
Methyl tert-butyl Ether
Concen: 36.975 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 73 Resp: 1251397

Ion	Ratio	Lower	Upper
73	100		
43	16.3	13.0	19.4
57	20.3	16.6	24.8



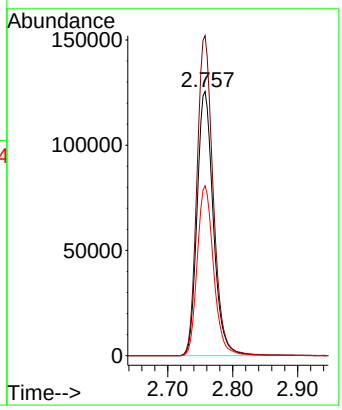


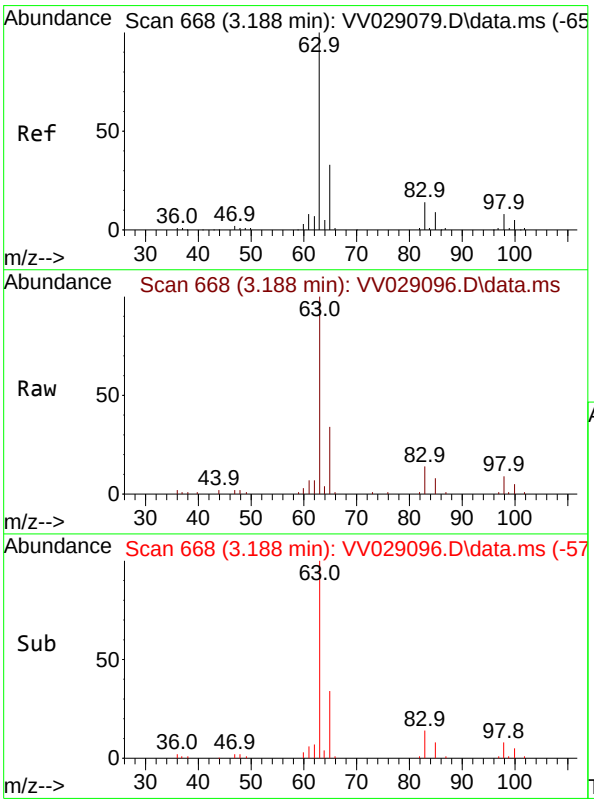
#18
trans-1,2-Dichloroethene
Concen: 11.950 ug/L
RT: 2.757 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Instrument :
MSVOA_V
ClientSampleId :
H46E1

Tgt Ion: 96 Resp: 218795

Ion	Ratio	Lower	Upper
96	100		
61	121.1	91.8	170.6
98	64.3	46.4	86.2

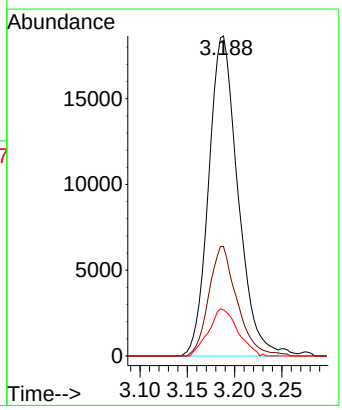


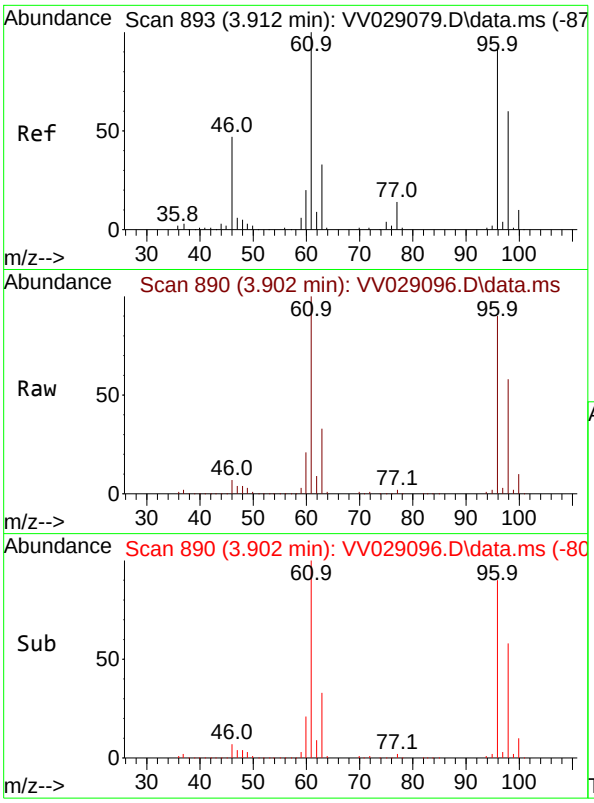


#19
1,1-Dichloroethane
Concen: 1.335 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 63 Resp: 39969

Ion	Ratio	Lower	Upper
63	100		
65	34.2	23.0	42.6
83	14.4	9.4	17.6



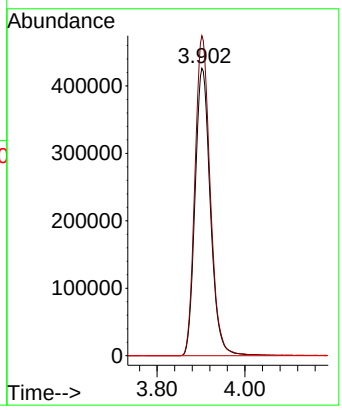


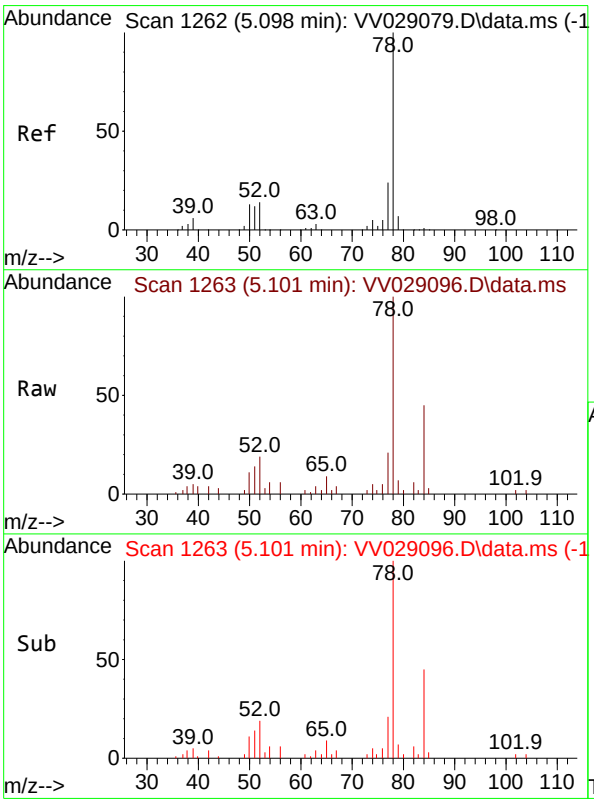
#22
cis-1,2-Dichloroethene
Concen: 55.339 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.010 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Instrument :
MSVOA_V
ClientSampleId :
H46E1

Tgt Ion: 96 Resp: 1030048

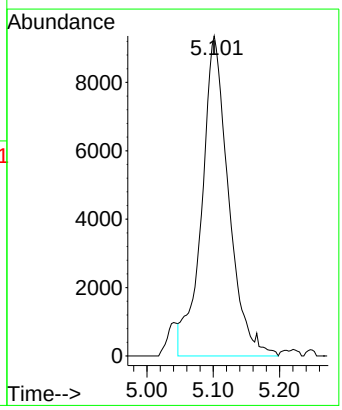
Ion	Ratio	Lower	Upper
96	100		
61	111.4	82.3	152.9
68	0.0	0.0	0.0

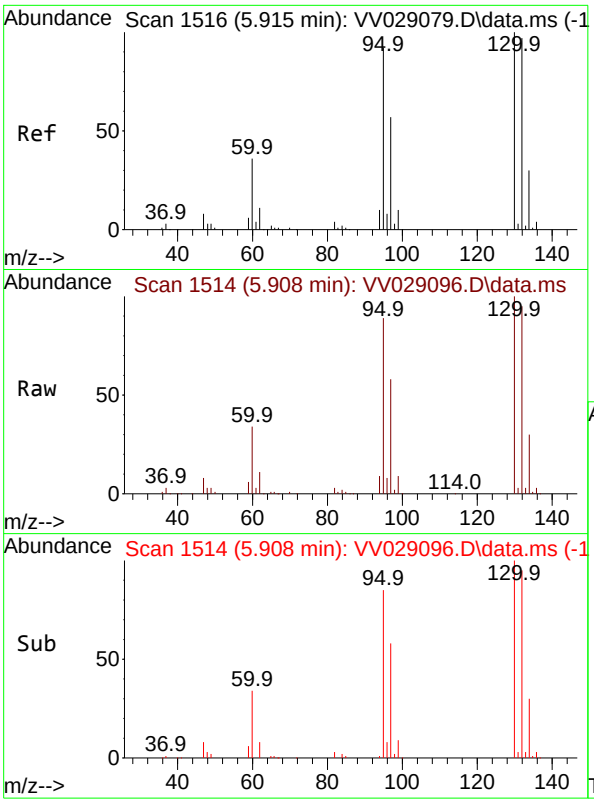




#33
Benzene
Concen: 0.361 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 78 Resp: 26174





#34
Trichloroethene
Concen: 9.371 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Instrument :
MSVOA_V
ClientSampleId :
H46E1

Tgt Ion: 95 Resp: 173726

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.8
132	107.1	69.1	128.3
130	112.9	74.9	139.1