Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029098.D
Acq On : 18 Nov 2022 05:27
Operator : SY/MD
Sample : N5648-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Quant Time: Nov 18 06:04:33 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	246402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	229031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	107014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56811	3.782	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.600%			
7) Chloroethane-d5	1.567	69	49365	3.738	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.800%			
11) 1,1-Dichloroethene-d2	2.104	63	83476	3.049	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.000%			
20) 2-Butanone-d5	3.886	46	145382	57.815	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.640%			
24) Chloroform-d	4.342	84	149120	4.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	5.027	65	69740	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.046	84	307705	4.501	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	6.066	67	89513	4.689	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.800%			
41) Toluene-d8	7.310	98	282351	4.588	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	7.622	79	26404	4.241	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.800%			
46) 2-Hexanone-d5	8.088	63	119951	45.136	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.280%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67325	5.087	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	11.619	152	107443	5.612	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2496	0.146	ug/L	83
5) Vinyl chloride	1.310	62	225375	11.590	ug/L	95
6) Bromomethane	1.522	94	483	0.042	ug/L	92
8) Chloroethane	1.387	64	279721	24.480	ug/L #	52
12) 1,1-Dichloroethene	2.117	96	3005	0.201	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	29874	0.934	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	35609	2.058	ug/L	95
19) 1,1-Dichloroethane	3.188	63	9075	0.321	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	917628	52.174	ug/L	94
33) Benzene	5.104	78	3458	0.049	ug/L	100
35) Methylcyclohexane	6.063	83	23179	0.736	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9182	0.569	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1969	0.087	ug/L #	61
61) 1,2,3-Trichloropropane	11.242	75	10867	1.486	ug/L #	64

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
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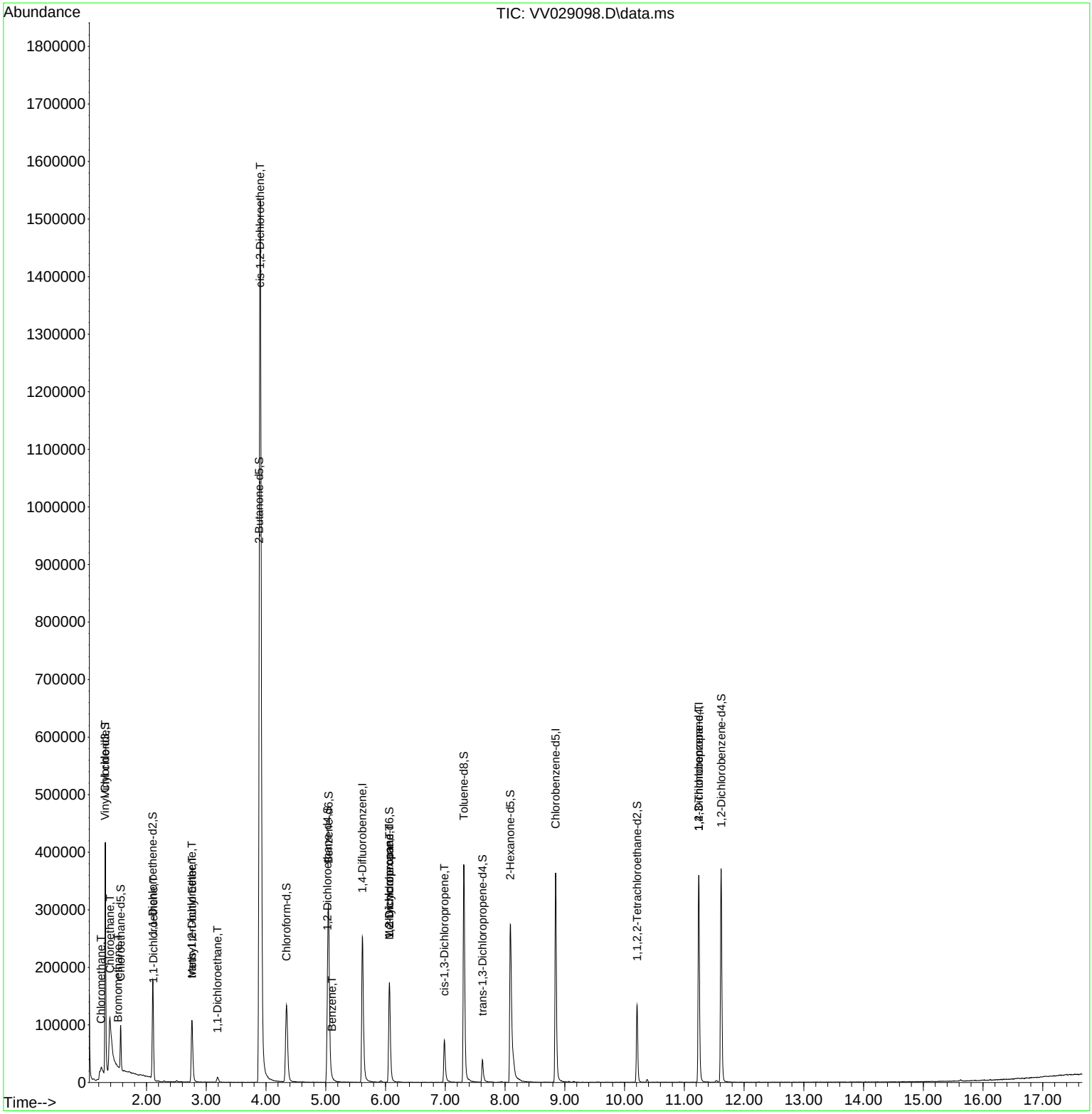
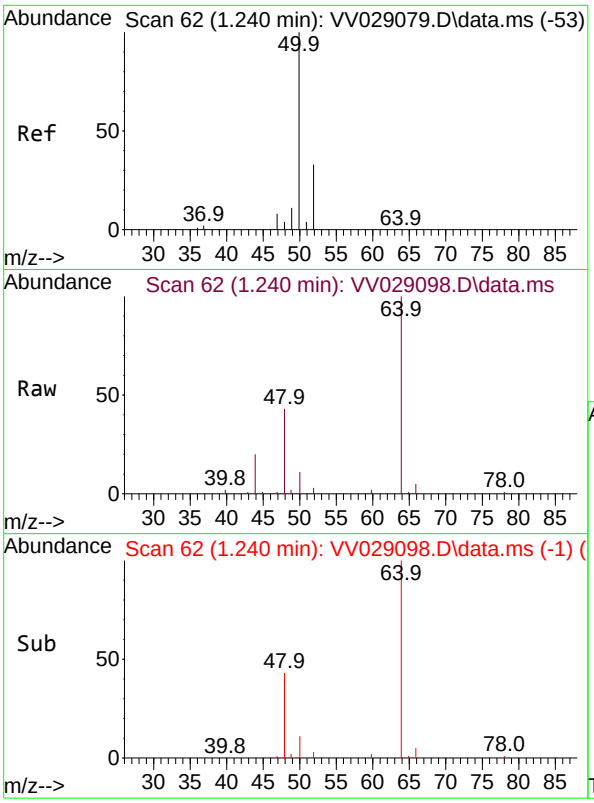
Quant Time: Nov 18 06:04:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



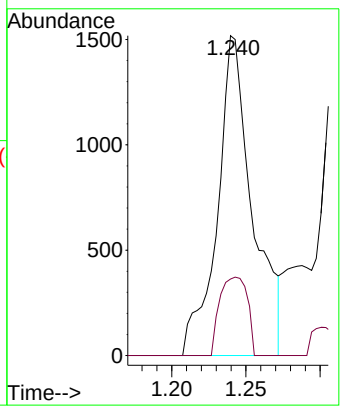


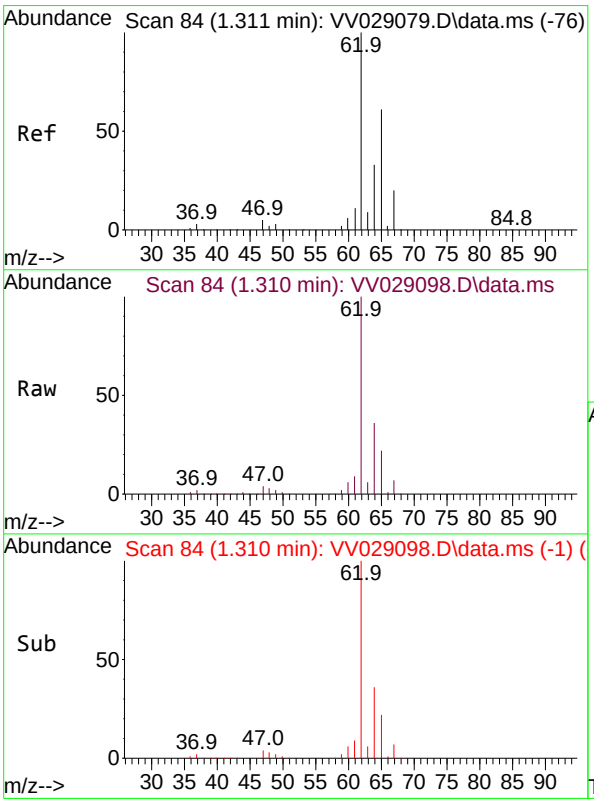
#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 50 Resp: 2496

Ion	Ratio	Lower	Upper
50	100		
52	23.9	23.7	43.9

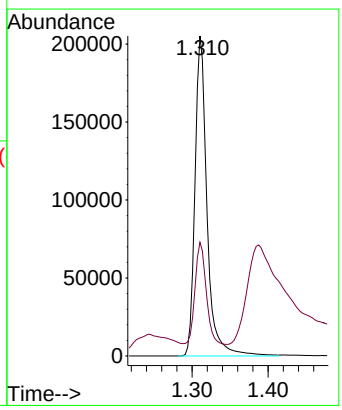


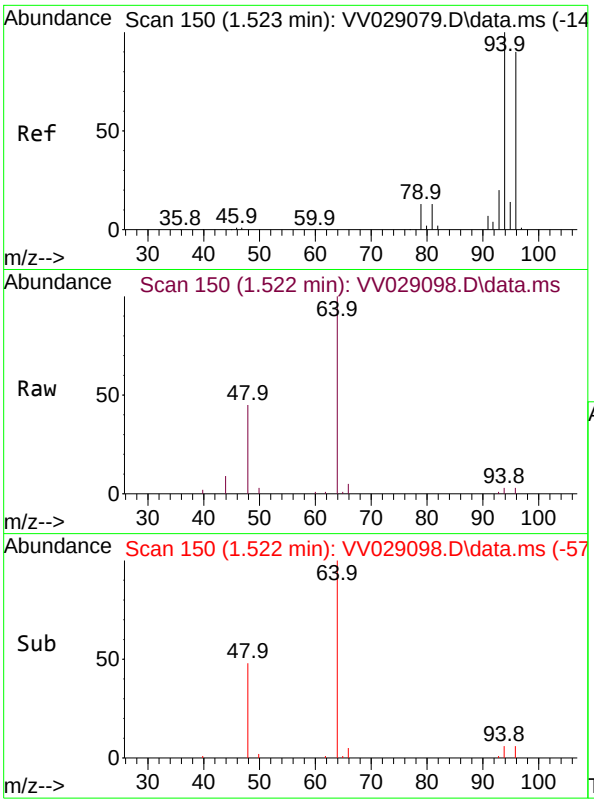


#5
Vinyl chloride
Concen: 11.590 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 62 Resp: 225375

Ion	Ratio	Lower	Upper
62	100		
64	35.5	22.8	42.4



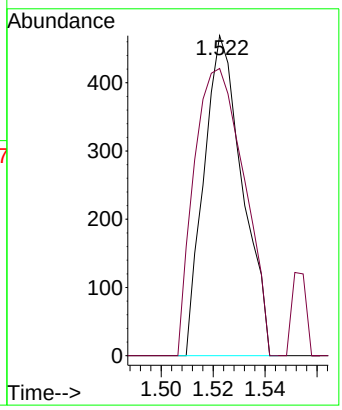


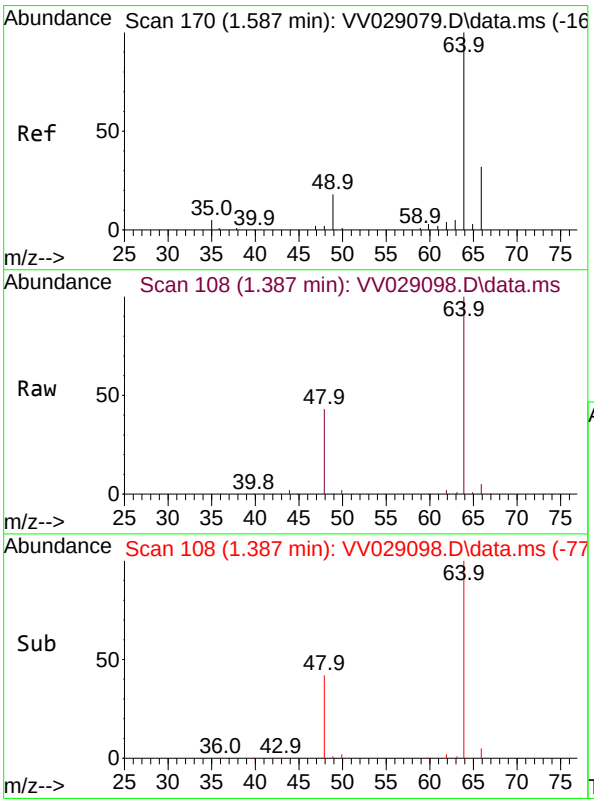
#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 94 Resp: 483

Ion	Ratio	Lower	Upper
94	100		
96	89.8	68.5	127.3

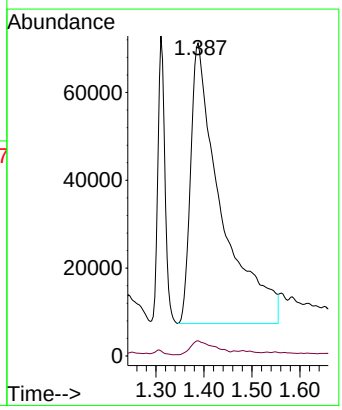


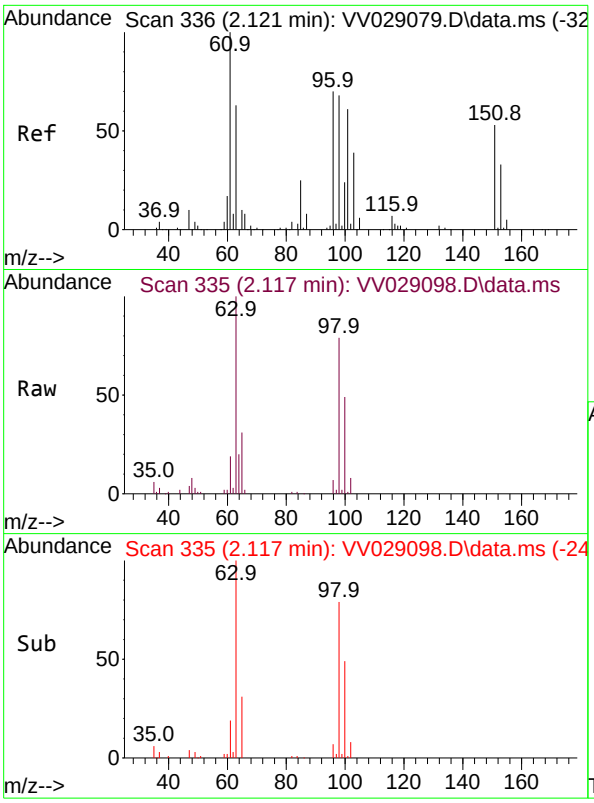


#8
Chloroethane
Concen: 24.480 ug/L
RT: 1.387 min Scan# 108
Delta R.T. -0.200 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 64 Resp: 279721

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.0	40.8#



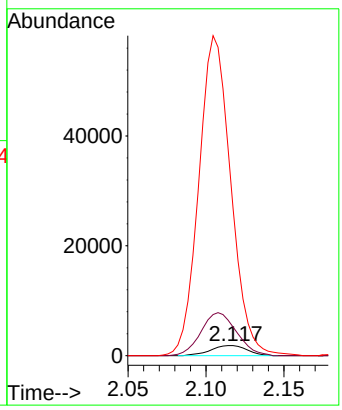


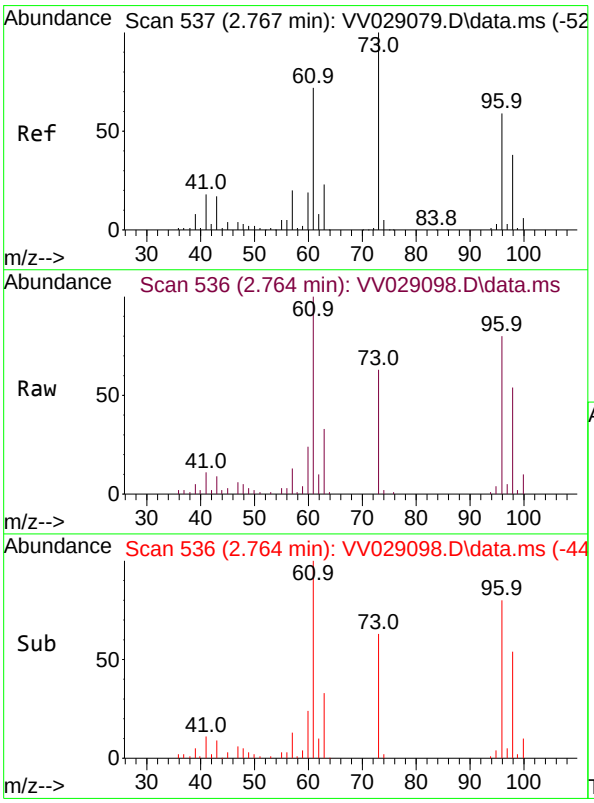
#12
1,1-Dichloroethene
Concen: 0.201 ug/L
RT: 2.117 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 96 Resp: 3005

Ion	Ratio	Lower	Upper
96	100		
61	285.0	104.2	193.4#
63	1465.3	75.9	140.9#

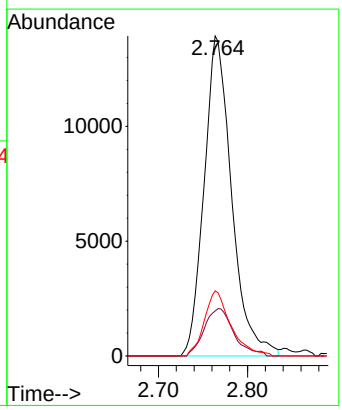


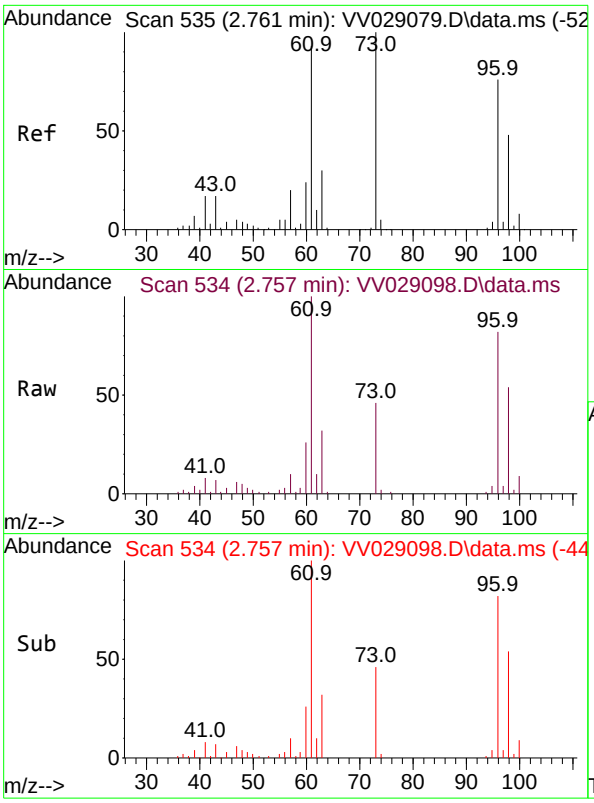


#17
Methyl tert-butyl Ether
Concen: 0.934 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 73 Resp: 29874

Ion	Ratio	Lower	Upper
73	100		
43	15.9	13.0	19.4
57	19.5	16.6	24.8



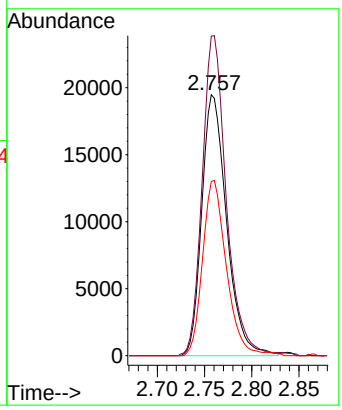


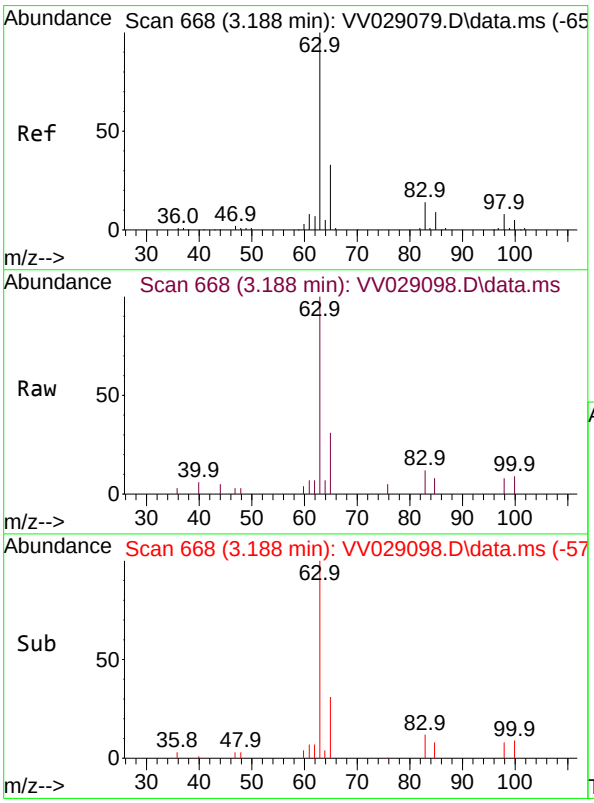
#18
trans-1,2-Dichloroethene
Concen: 2.058 ug/L
RT: 2.757 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 96 Resp: 35609

Ion	Ratio	Lower	Upper
96	100		
61	122.4	91.8	170.6
98	66.7	46.4	86.2

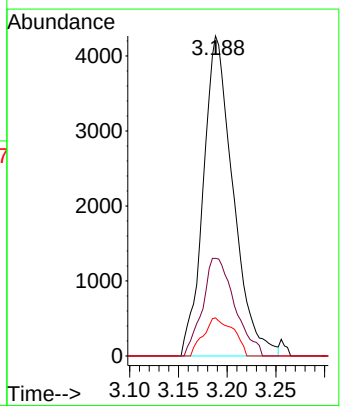


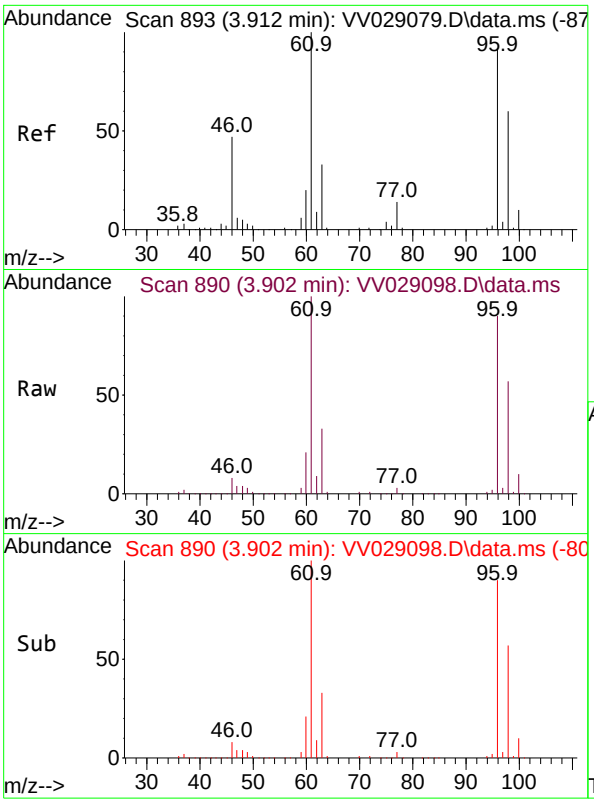


#19
1,1-Dichloroethane
Concen: 0.321 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 63 Resp: 9075

Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.0	42.6
83	11.9	9.4	17.6



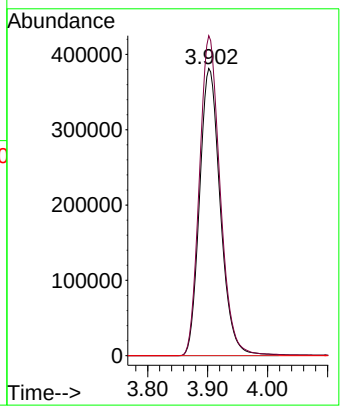


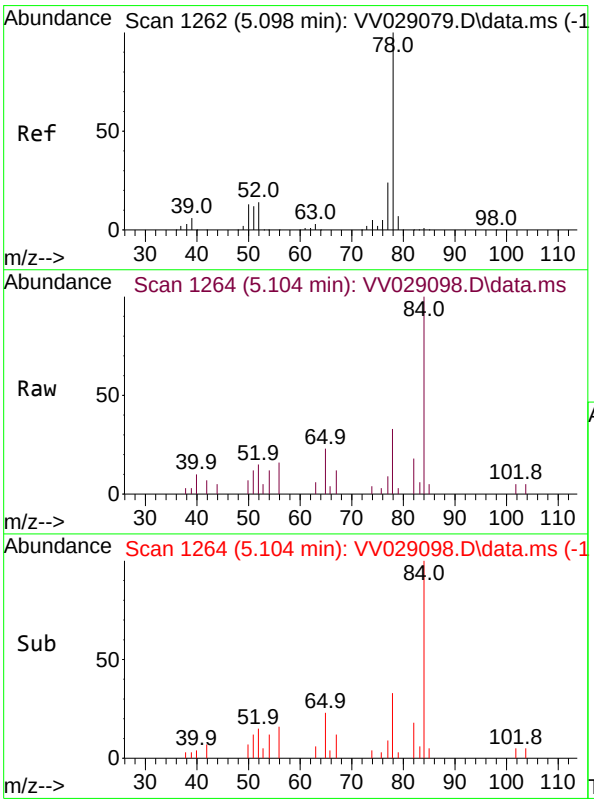
#22
cis-1,2-Dichloroethene
Concen: 52.174 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.010 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 96 Resp: 917628

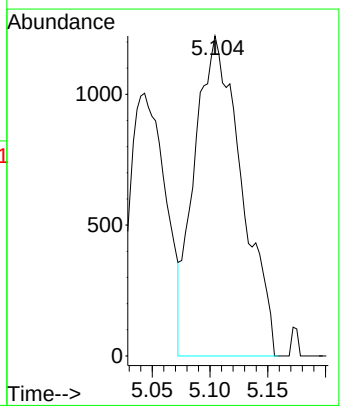
Ion	Ratio	Lower	Upper
96	100		
61	111.4	82.3	152.9
68	0.0	0.0	0.0

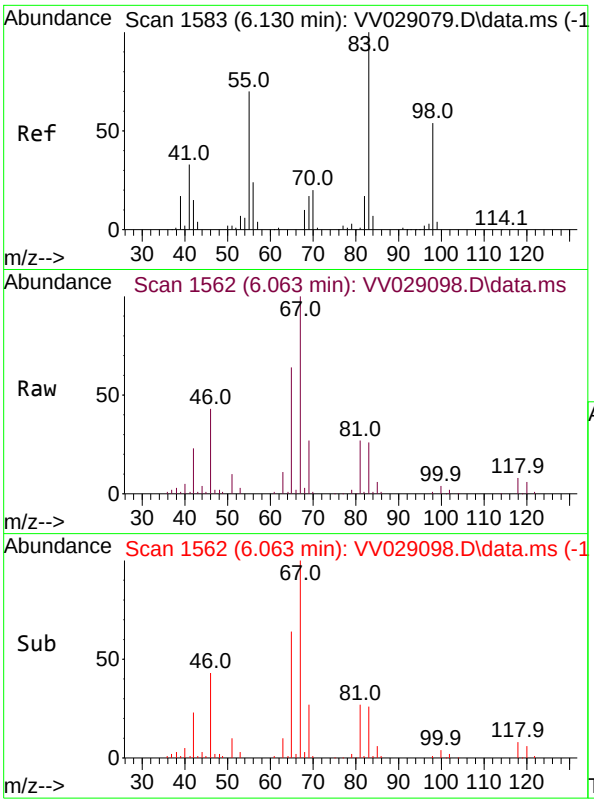




#33
Benzene
Concen: 0.049 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 78 Resp: 3458



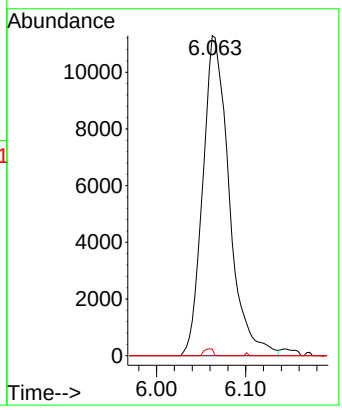


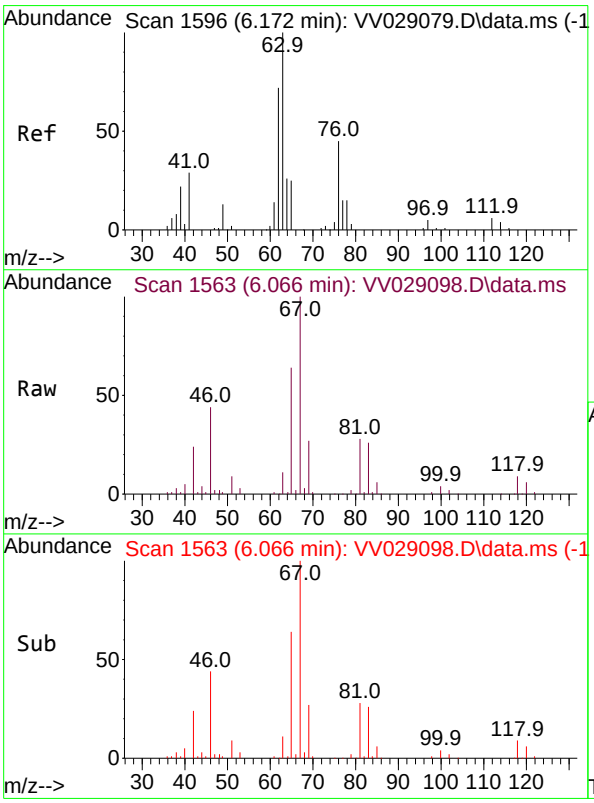
#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.068 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 83 Resp: 23179

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	0.7	38.2	57.2#

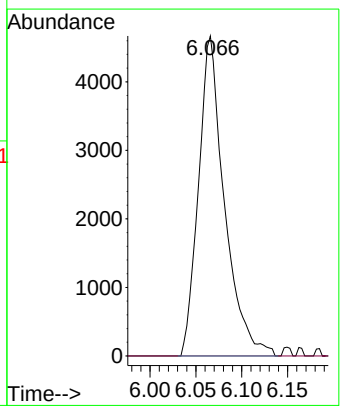


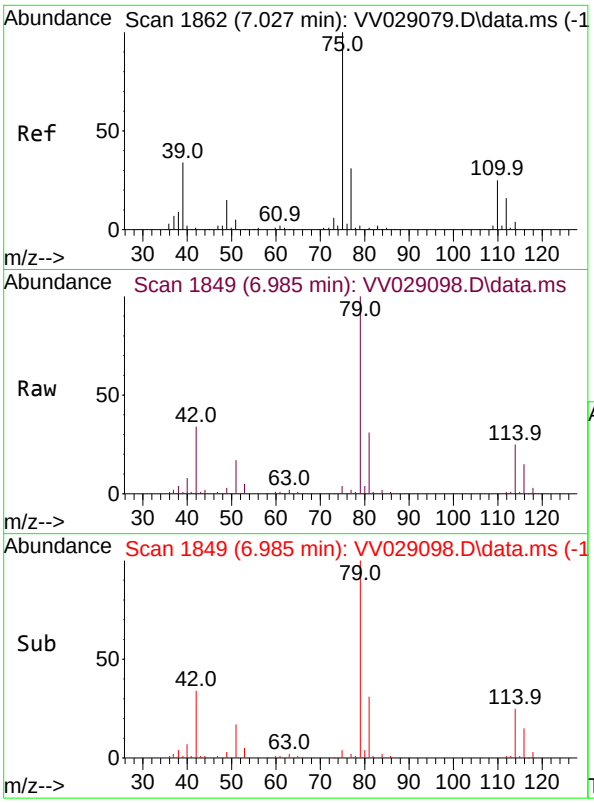


#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 63 Resp: 9182

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#



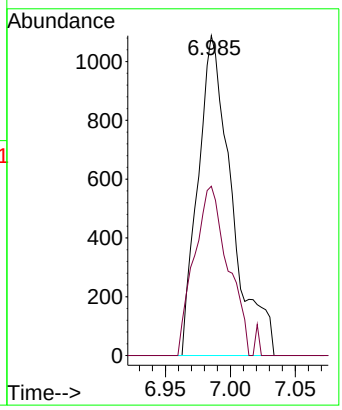


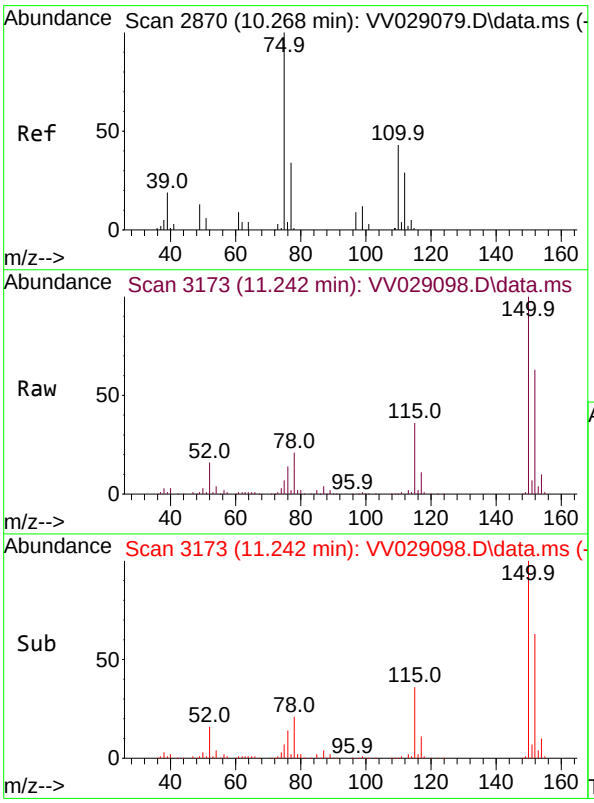
#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 6.985 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Instrument :
MSVOA_V
ClientSampleId :
H46F5

Tgt Ion: 75 Resp: 1969

Ion	Ratio	Lower	Upper
75	100		
77	52.9	21.8	40.6#





#61
1,2,3-Trichloropropane
Concen: 1.486 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029098.D
Acq: 18 Nov 2022 05:27

Tgt Ion: 75 Resp: 10867

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.2	39.2
110	2.3	32.6	48.8#