Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029178.D
Acq On : 19 Nov 2022 18:13
Operator : SY/MD
Sample : N5694-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Quant Time: Nov 20 01:00:10 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	325016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	300713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	137452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	103959	5.247	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.000%			
7) Chloroethane-d5	1.568	69	85818	4.927	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	2.108	63	165988	4.597	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.000%			
20) 2-Butanone-d5	3.879	46	187445	56.513	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.020%			
24) Chloroform-d	4.342	84	179751	4.419	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.027	65	83451	4.559	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
32) Benzene-d6	5.047	84	383610	4.274	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	6.063	67	112131	4.474	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.310	98	331836	4.107	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.200%			
43) trans-1,3-Dichloroprop...	7.622	79	33115	4.051	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.000%			
46) 2-Hexanone-d5	8.088	63	142340	40.793	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.580%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78595	4.523	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	116662	4.744	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.217	85	9757	0.360	ug/L	96
3) Chloromethane	1.240	50	1428	0.064	ug/L	90
5) Vinyl chloride	1.310	62	43186	1.684	ug/L #	78
8) Chloroethane	1.584	64	3645	0.242	ug/L #	65
12) 1,1-Dichloroethene	2.117	96	74509	3.787	ug/L	86
17) Methyl tert-butyl Ether	2.770	73	3228	0.077	ug/L #	57
18) trans-1,2-Dichloroethene	2.764	96	2165	0.095	ug/L	96
19) 1,1-Dichloroethane	3.185	63	558071	14.960	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	891484	38.427	ug/L	99
27) 1,2-Dichloroethane	5.133	62	14907	0.740	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	2864	0.081	ug/L #	90
33) Benzene	5.101	78	56908	0.619	ug/L	100
34) Trichloroethene	5.908	95	148185	6.299	ug/L	97
35) Methylcyclohexane	6.066	83	26852	0.649	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	11876	0.560	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2505	0.085	ug/L #	50
45) 1,1,2-Trichloroethane	7.706	97	2504	0.181	ug/L #	20
51) Chlorobenzene	8.879	112	2424	0.039	ug/L #	82
61) 1,2,3-Trichloropropane	11.239	75	14864	1.582	ug/L #	63

Quantitation Report (Not Reviewed)

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Quant Time: Nov 20 01:00:10 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)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
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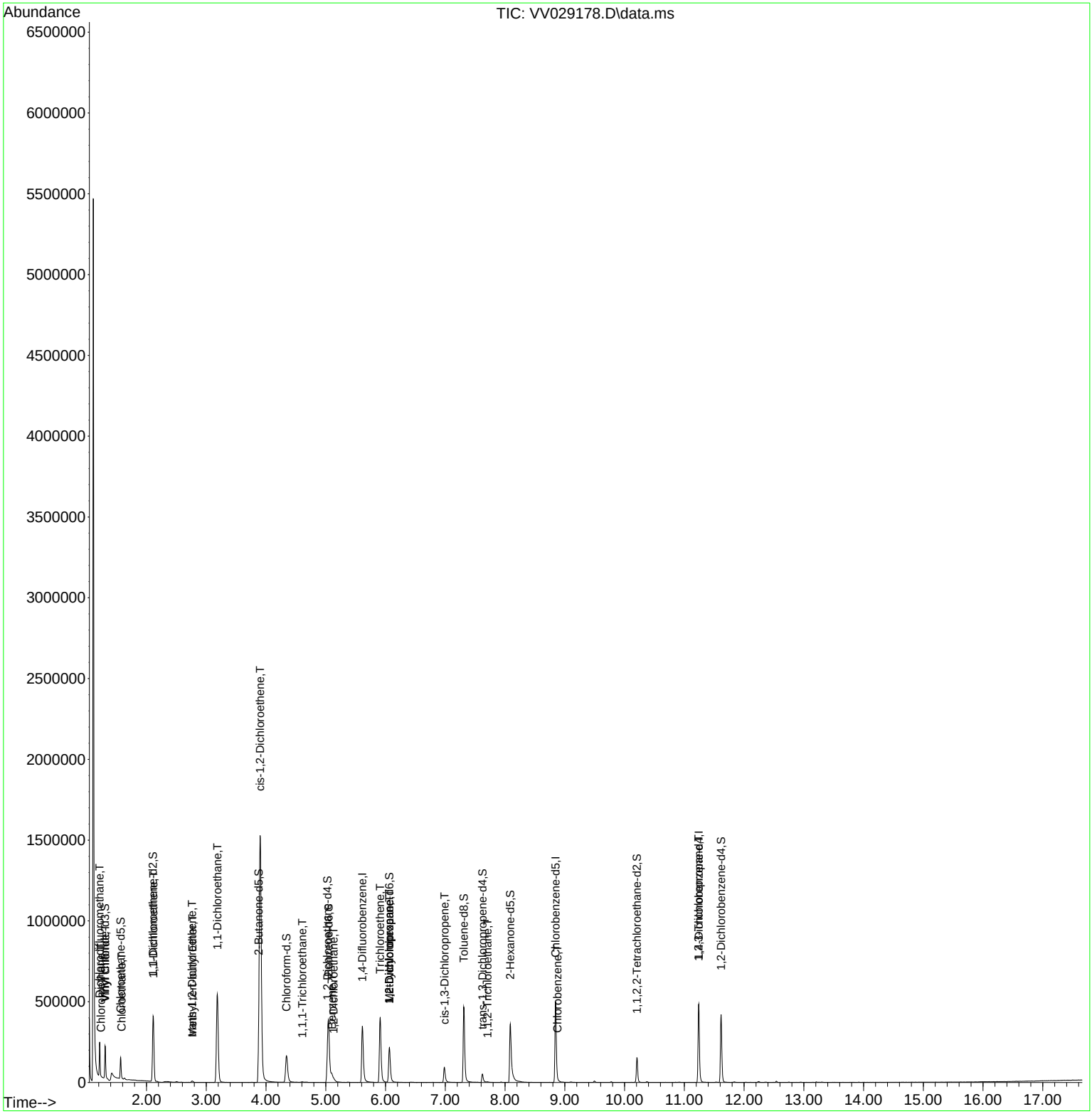
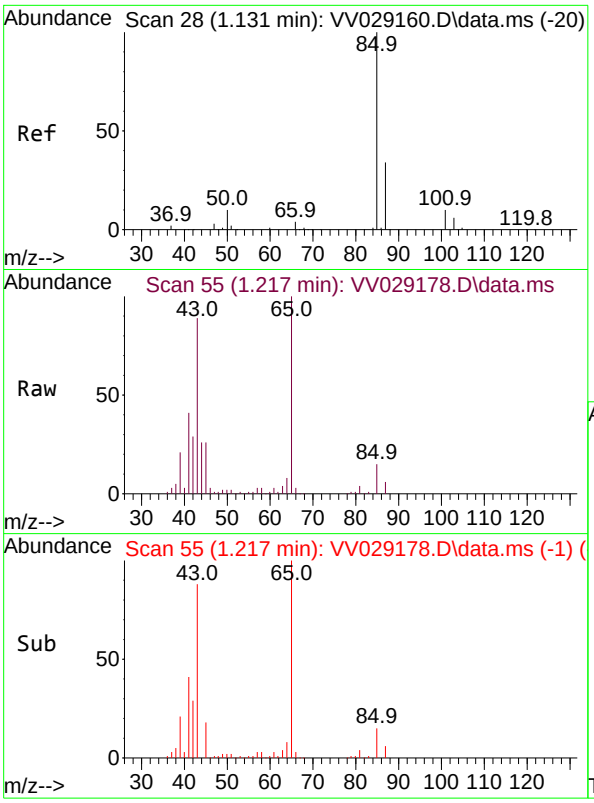


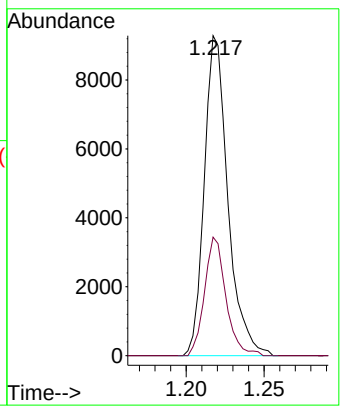


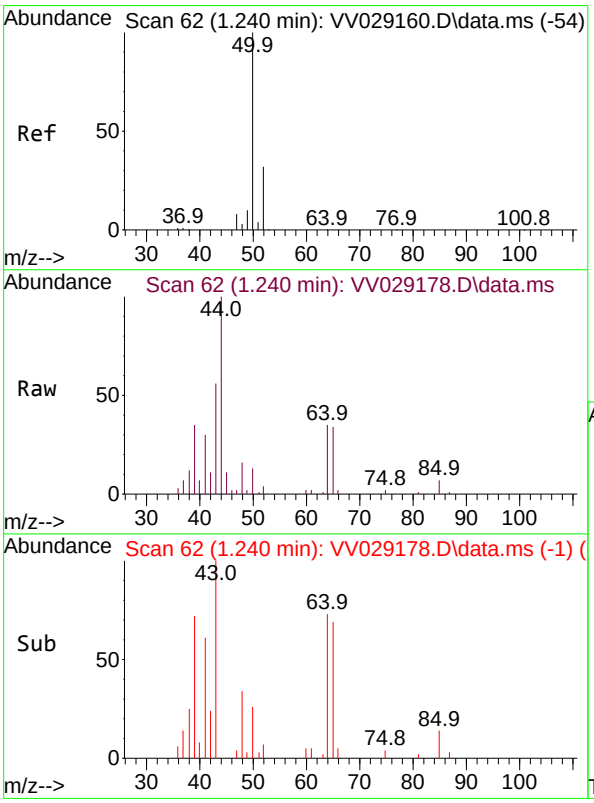
#2
Dichlorodifluoromethane
Concen: 0.360 ug/L
RT: 1.217 min Scan# 5
Delta R.T. 0.087 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 85 Resp: 9757

Ion	Ratio	Lower	Upper
85	100		
87	33.6	25.0	37.4

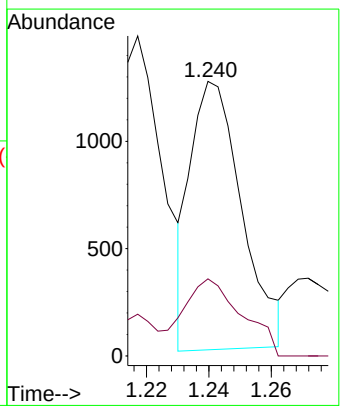


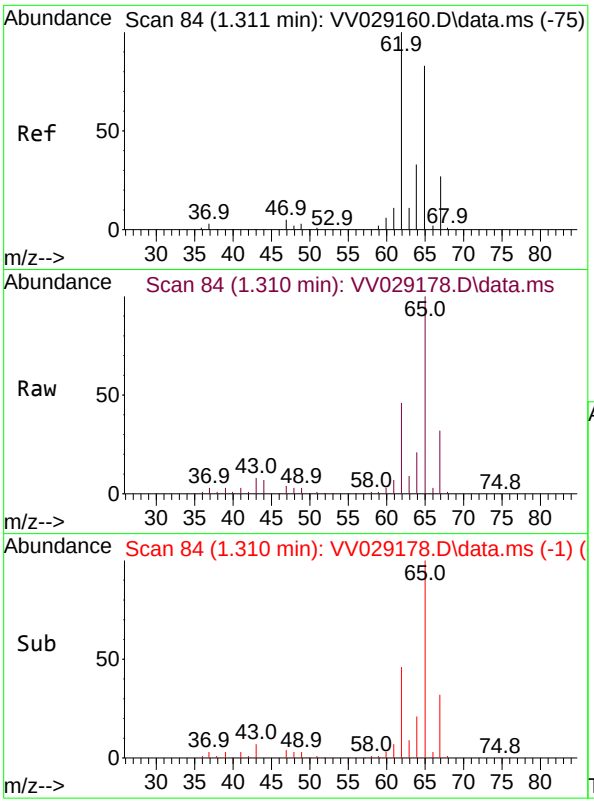


#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 50 Resp: 1428

Ion	Ratio	Lower	Upper
50	100		
52	28.1	23.7	43.9



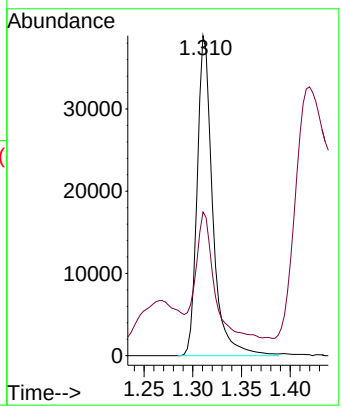


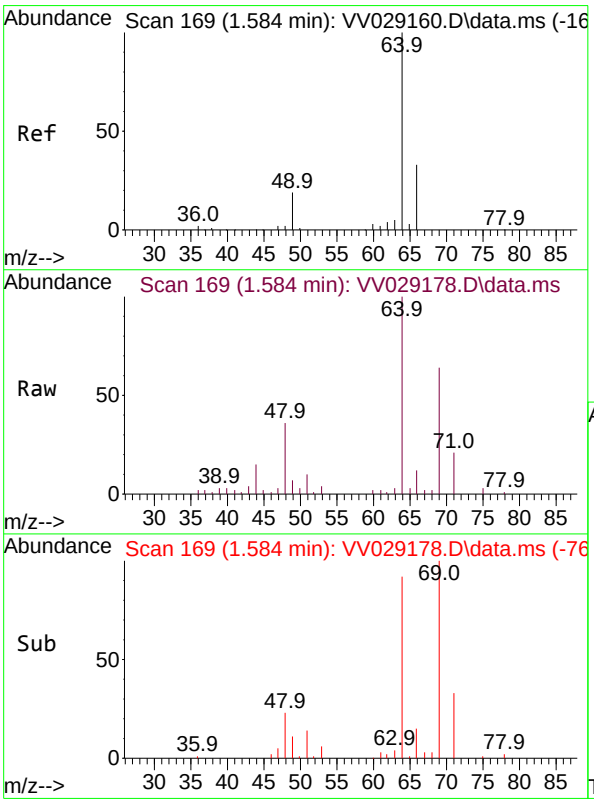
#5
Vinyl chloride
Concen: 1.684 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 62 Resp: 43186

Ion	Ratio	Lower	Upper
62	100		
64	44.9	22.8	42.4#

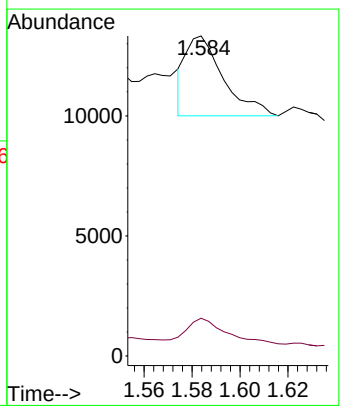


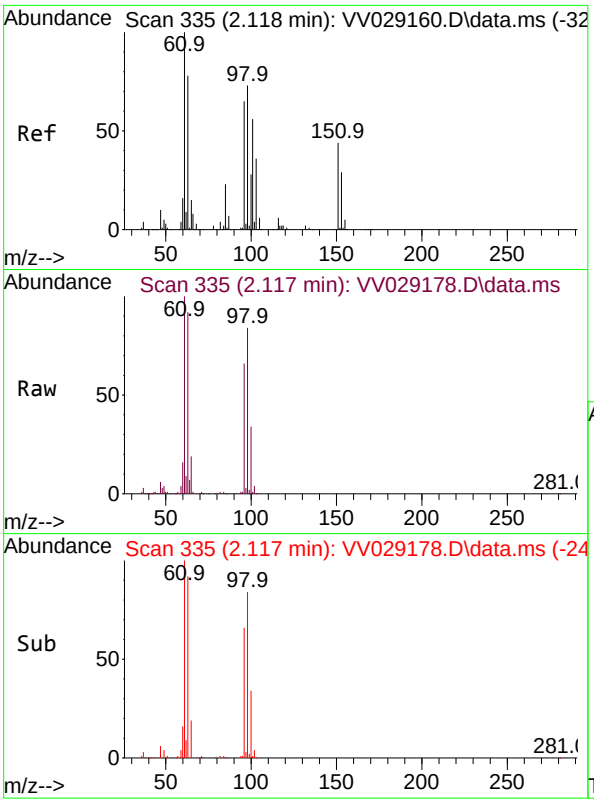


#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 64 Resp: 3645

Ion	Ratio	Lower	Upper
64	100		
66	11.8	22.0	40.8#



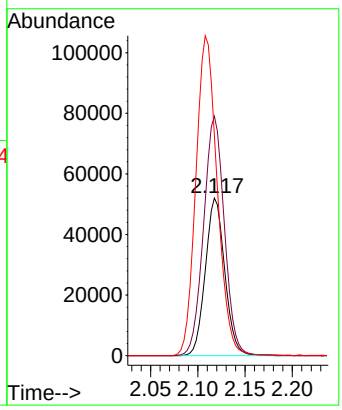


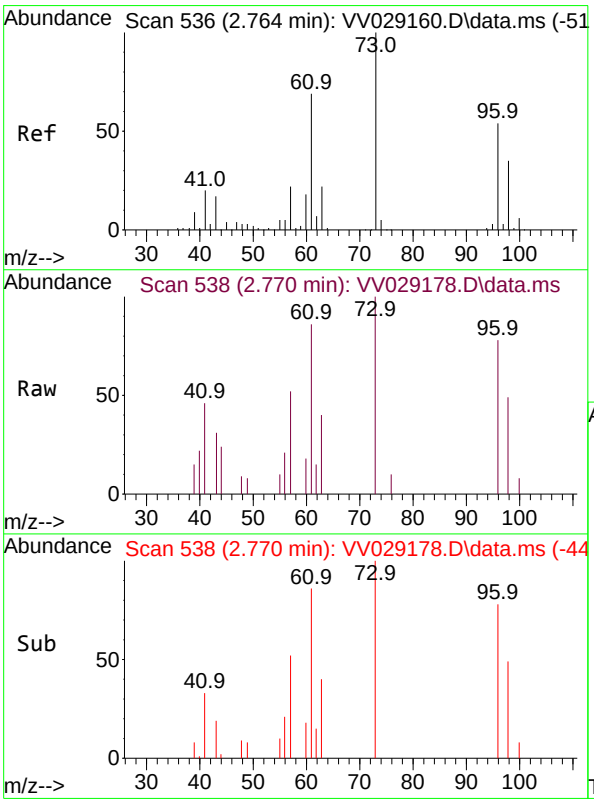
#12
1,1-Dichloroethene
Concen: 3.787 ug/L
RT: 2.117 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 96 Resp: 74509

Ion	Ratio	Lower	Upper
96	100		
61	151.9	104.2	193.4
63	140.0	75.9	140.9

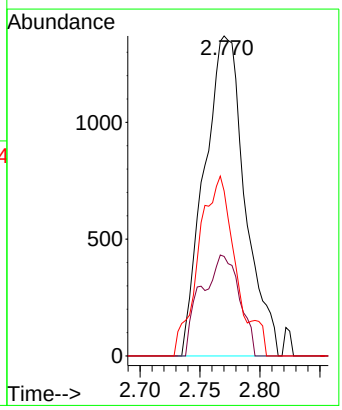


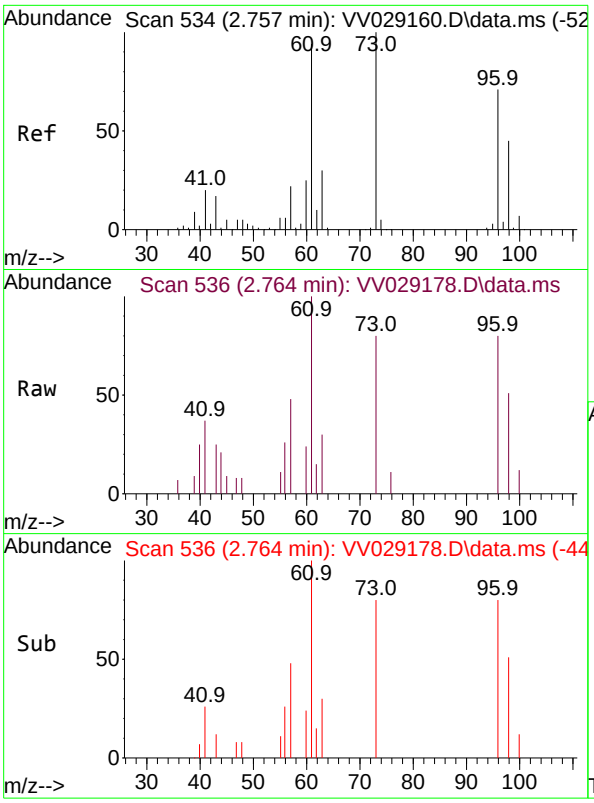


#17
Methyl tert-butyl Ether
Concen: 0.077 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 73 Resp: 3228

Ion	Ratio	Lower	Upper
73	100		
43	22.0	13.0	19.4#
57	51.3	16.6	24.8#



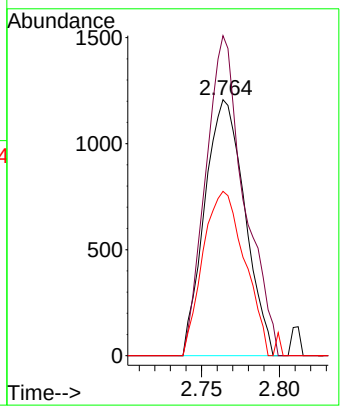


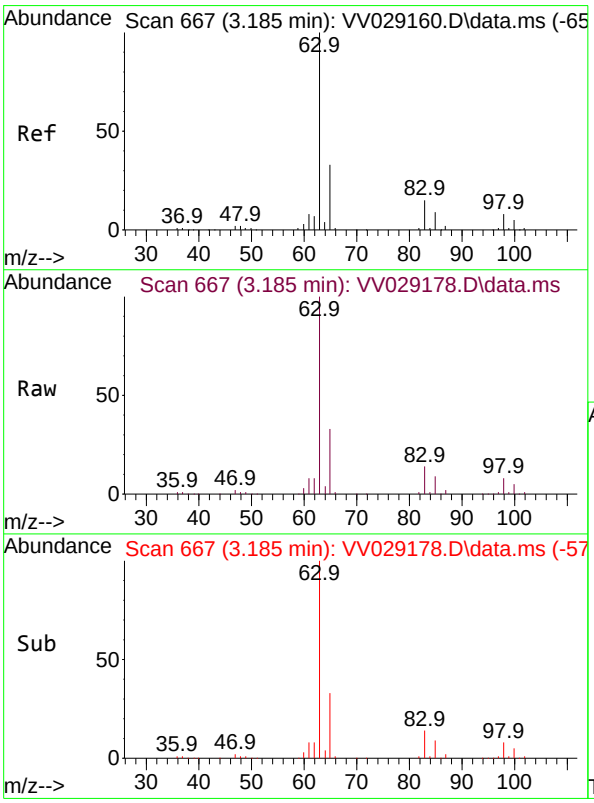
#18
trans-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 96 Resp: 2165

Ion	Ratio	Lower	Upper
96	100		
61	125.0	91.8	170.6
98	64.2	46.4	86.2

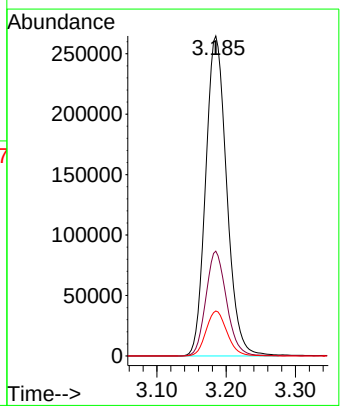


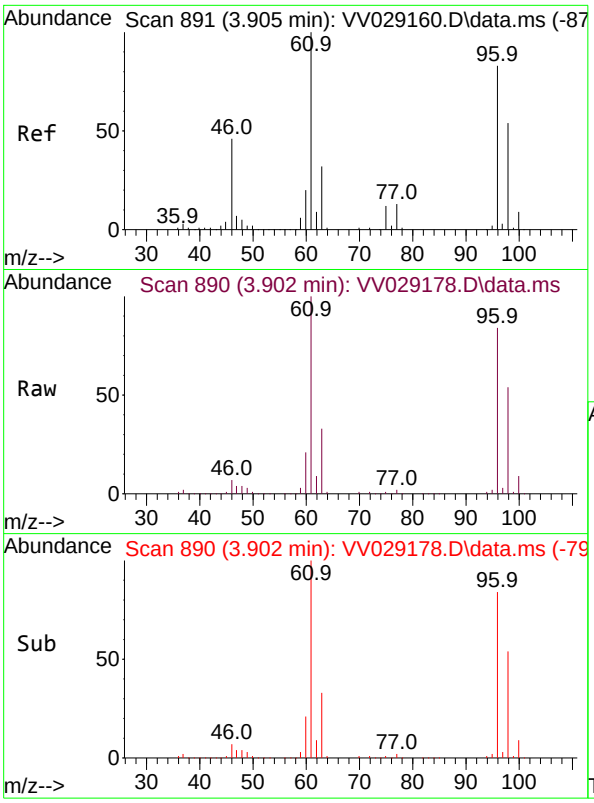


#19
1,1-Dichloroethane
Concen: 14.960 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 63 Resp: 558071

Ion	Ratio	Lower	Upper
63	100		
65	32.7	23.0	42.6
83	14.0	9.4	17.6



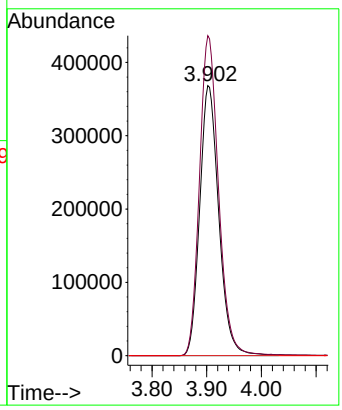


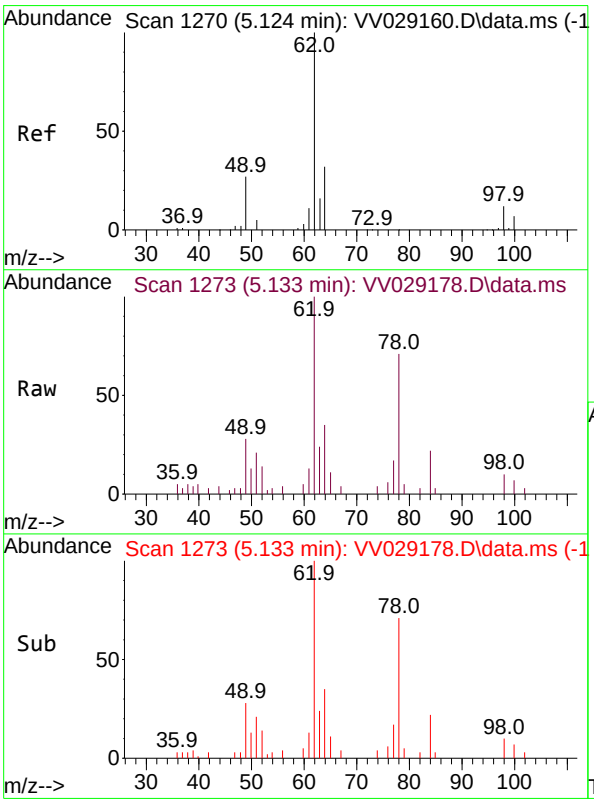
#22
cis-1,2-Dichloroethene
Concen: 38.427 ug/L
RT: 3.902 min Scan# 8
Delta R.T. -0.003 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 96 Resp: 891484

Ion	Ratio	Lower	Upper
96	100		
61	118.5	82.3	152.9
68	0.0	0.0	0.0

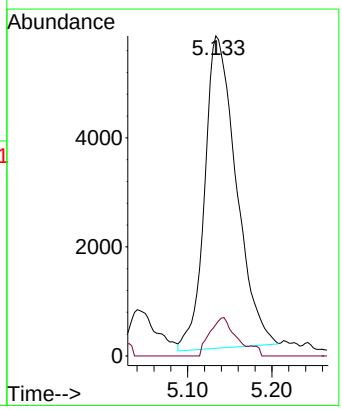


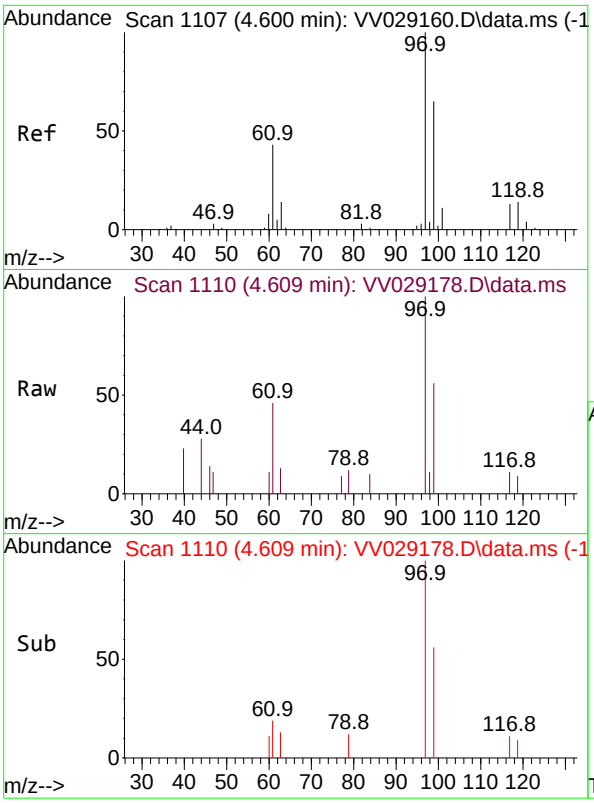


#27
1,2-Dichloroethane
Concen: 0.740 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 62 Resp: 14907

Ion	Ratio	Lower	Upper
62	100		
98	9.8	9.0	13.6



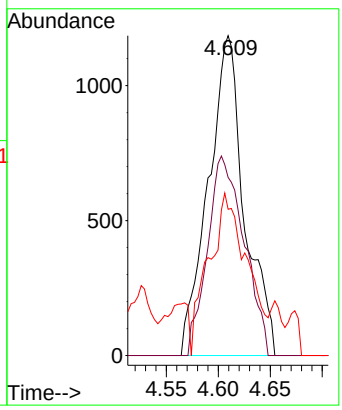


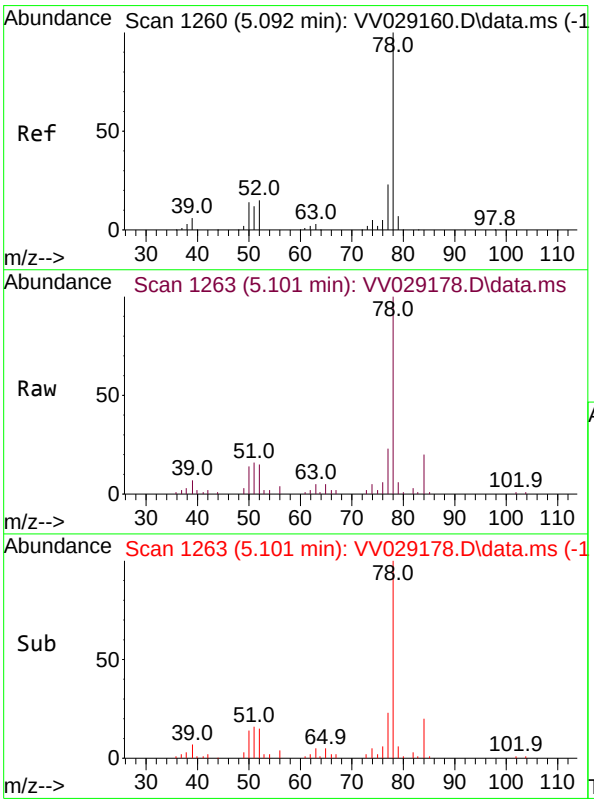
#29
1,1,1-Trichloroethane
Concen: 0.081 ug/L
RT: 4.609 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 97 Resp: 2864

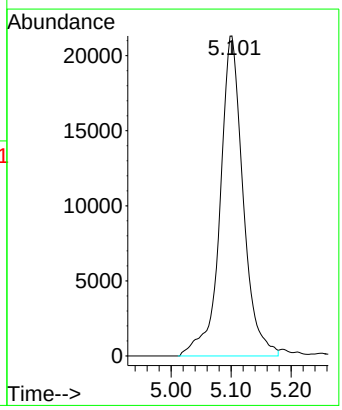
Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.7	79.1
61	54.3	33.8	50.6#

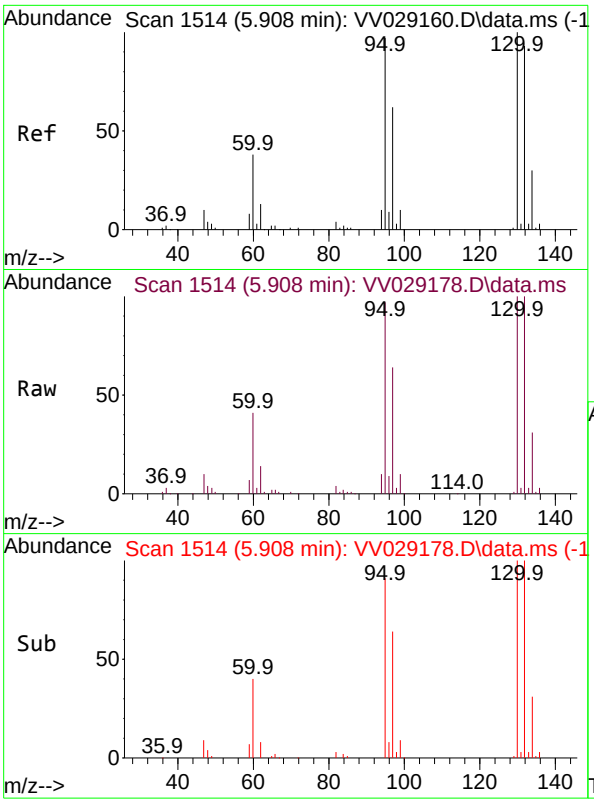




#33
Benzene
Concen: 0.619 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 78 Resp: 56908



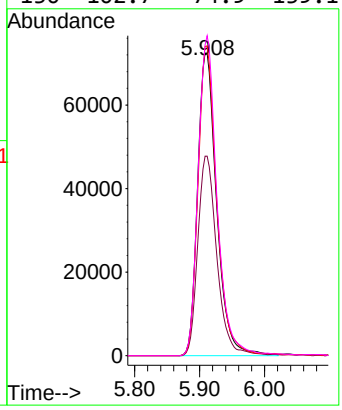


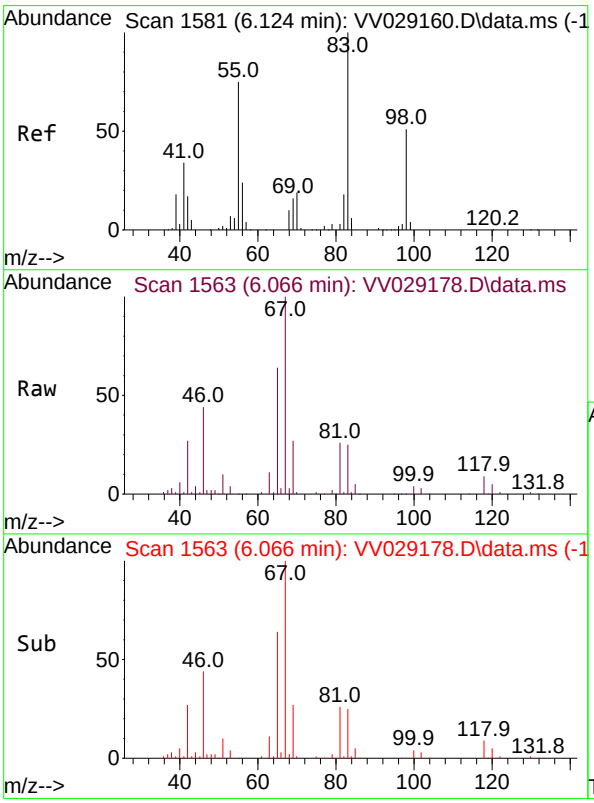
#34
Trichloroethene
Concen: 6.299 ug/L
RT: 5.908 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 95 Resp: 148185

Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.6	84.8
132	102.2	69.1	128.3
130	102.7	74.9	139.1

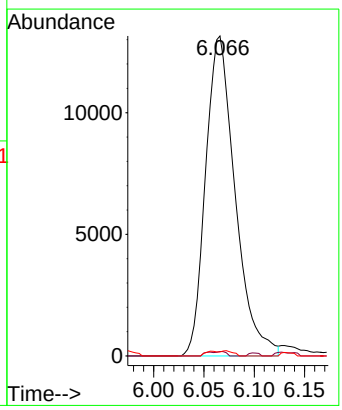


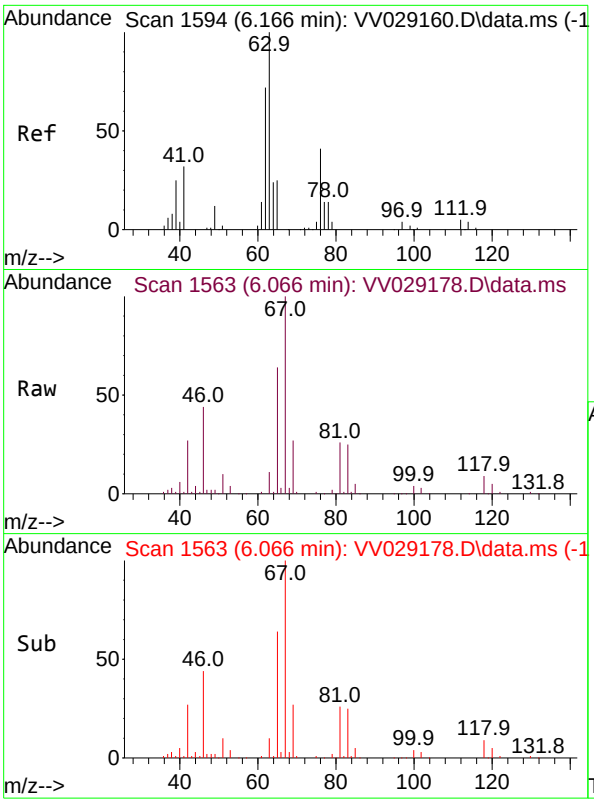


#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 83 Resp: 26852

Ion	Ratio	Lower	Upper
83	100		
55	0.9	55.8	83.6#
98	0.7	38.2	57.2#



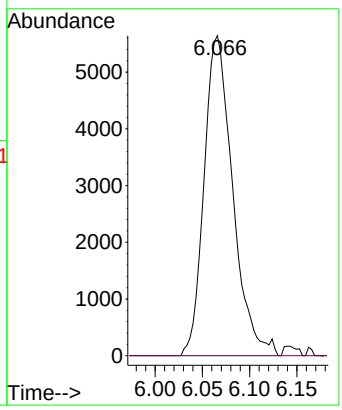


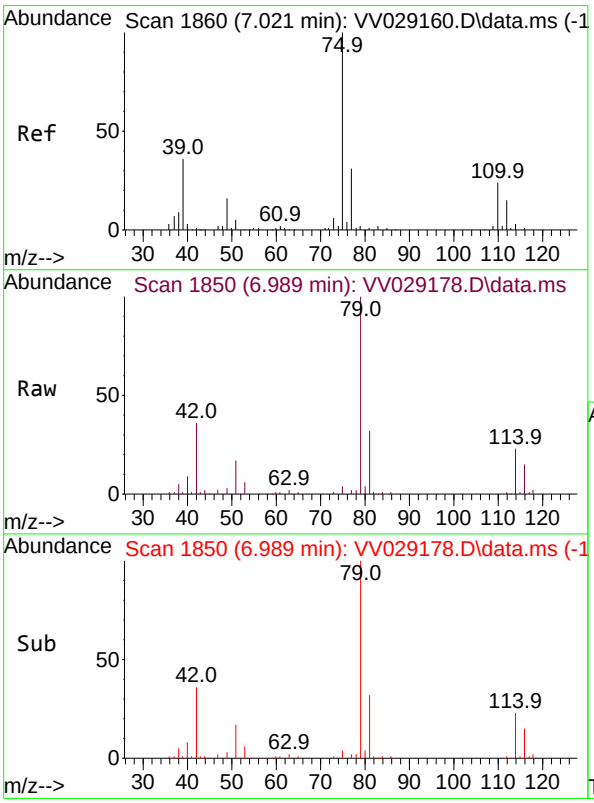
#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.066 min Scan# 1
Delta R.T. -0.100 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 63 Resp: 11876

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

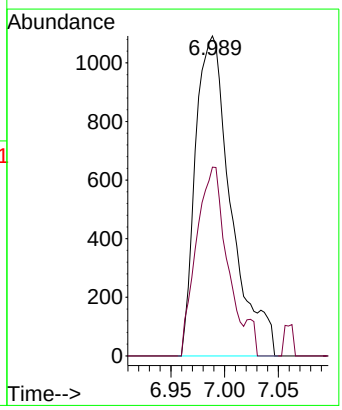


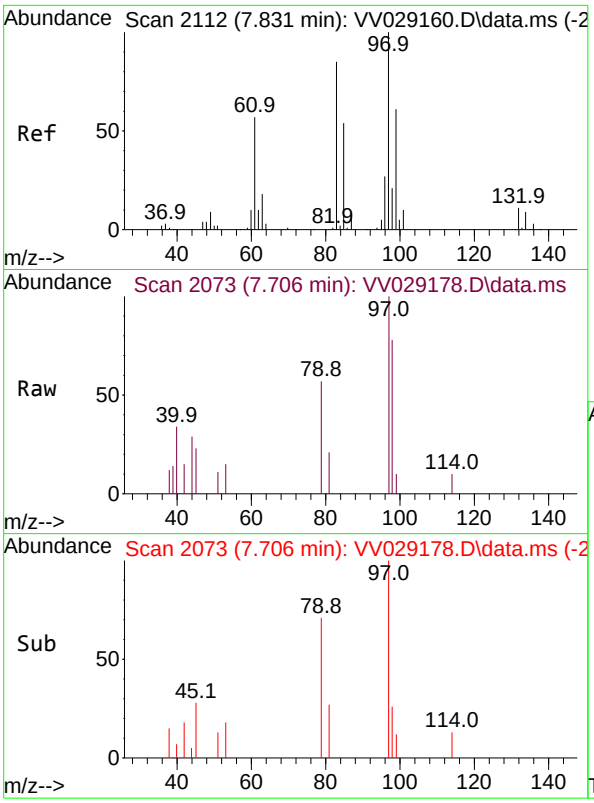


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.032 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 75 Resp: 2505

Ion	Ratio	Lower	Upper
75	100		
77	59.0	21.8	40.6#



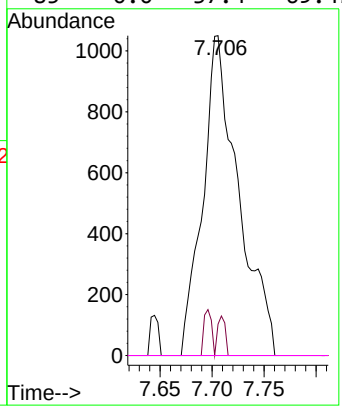


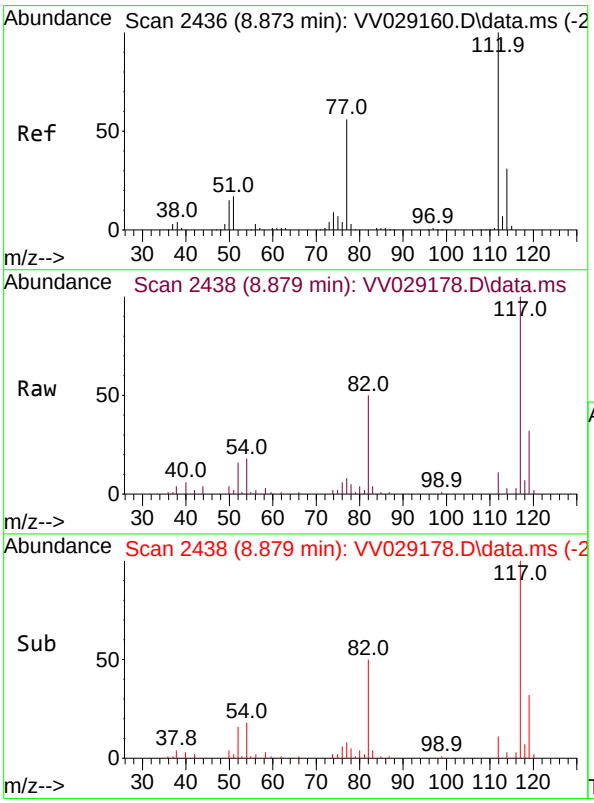
#45
1,1,2-Trichloroethane
Concen: 0.181 ug/L
RT: 7.706 min Scan# 2
Delta R.T. -0.126 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 97 Resp: 2504

Ion	Ratio	Lower	Upper
97	100		
99	9.8	41.5	77.1#
83	0.0	60.0	111.4#
85	0.0	37.4	69.4#

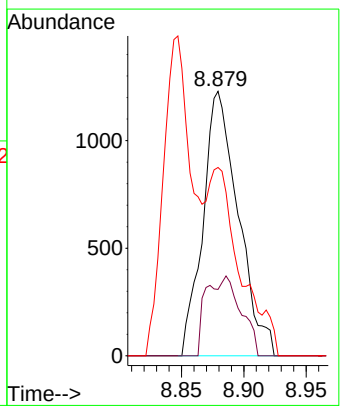


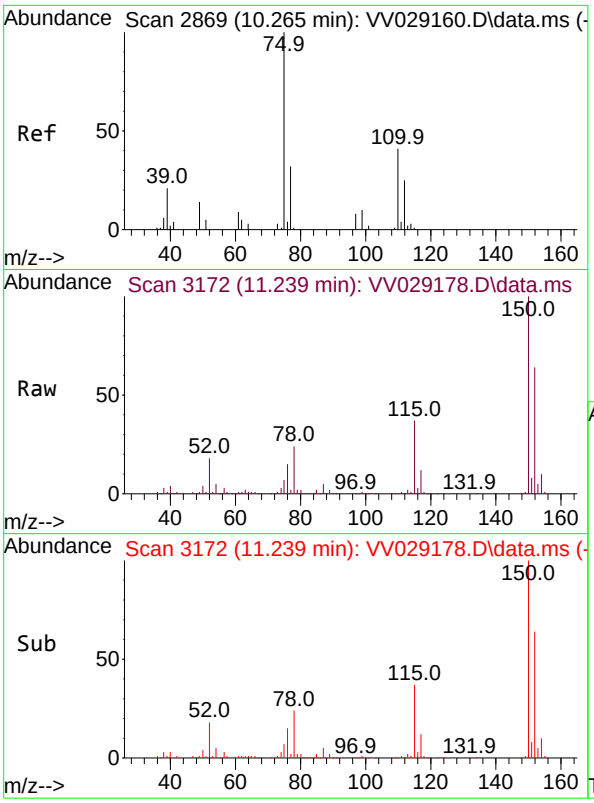


#51
Chlorobenzene
Concen: 0.039 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion:112 Resp: 2424

Ion	Ratio	Lower	Upper
112	100		
114	25.1	22.4	41.6
77	71.2	44.4	66.6#





#61
1,2,3-Trichloropropane
Concen: 1.582 ug/L
RT: 11.239 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :
BHB40

Tgt Ion: 75 Resp: 14864

Ion	Ratio	Lower	Upper
75	100		
77	28.8	26.2	39.2
110	2.6	32.6	48.8#