Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029809.D
Acq On : 13 Jan 2023 15:31
Operator : SY/MD
Sample : 01138-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Quant Time: Jan 13 22:51:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	192050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	101314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70832	4.660	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.200%			
7) Chloroethane-d5	1.565	69	64001	5.079	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.105	63	99625	3.595	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.000%			
20) 2-Butanone-d5	3.883	46	120637	44.774	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.540%			
24) Chloroform-d	4.339	84	140597	5.042	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	5.024	65	61084	5.172	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.043	84	297517	5.223	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	6.063	67	90664	5.438	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.800%			
41) Toluene-d8	7.307	98	258423	4.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
43) trans-1,3-Dichloroprop...	7.616	79	26111	4.288	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.085	63	111677	45.050	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.100%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	64191	5.254	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	11.612	152	100241	5.442	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.800%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2327	0.119	ug/L	99
5) Vinyl chloride	1.307	62	25289	1.314	ug/L	94
8) Chloroethane	1.307	64	8824	0.755	ug/L #	73
12) 1,1-Dichloroethene	2.114	96	8402	0.491	ug/L #	1
14) Carbon disulfide	2.291	76	5227	0.106	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	1427	0.048	ug/L #	65
18) trans-1,2-Dichloroethene	2.761	96	960	0.060	ug/L	93
19) 1,1-Dichloroethane	3.185	63	8766	0.329	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	109405	6.454	ug/L	96
34) Trichloroethene	5.905	95	213298	13.255	ug/L	96
35) Methylcyclohexane	6.063	83	21387	0.787	ug/L #	21
39) cis-1,3-Dichloropropene	6.979	75	1704	0.085	ug/L #	49
53) m,p-Xylene	9.137	106	1993	0.070	ug/L	88
60) Isopropylbenzene	10.905	105	2025	0.031	ug/L	92
61) 1,2,3-Trichloropropane	11.236	75	11359	1.514	ug/L #	66

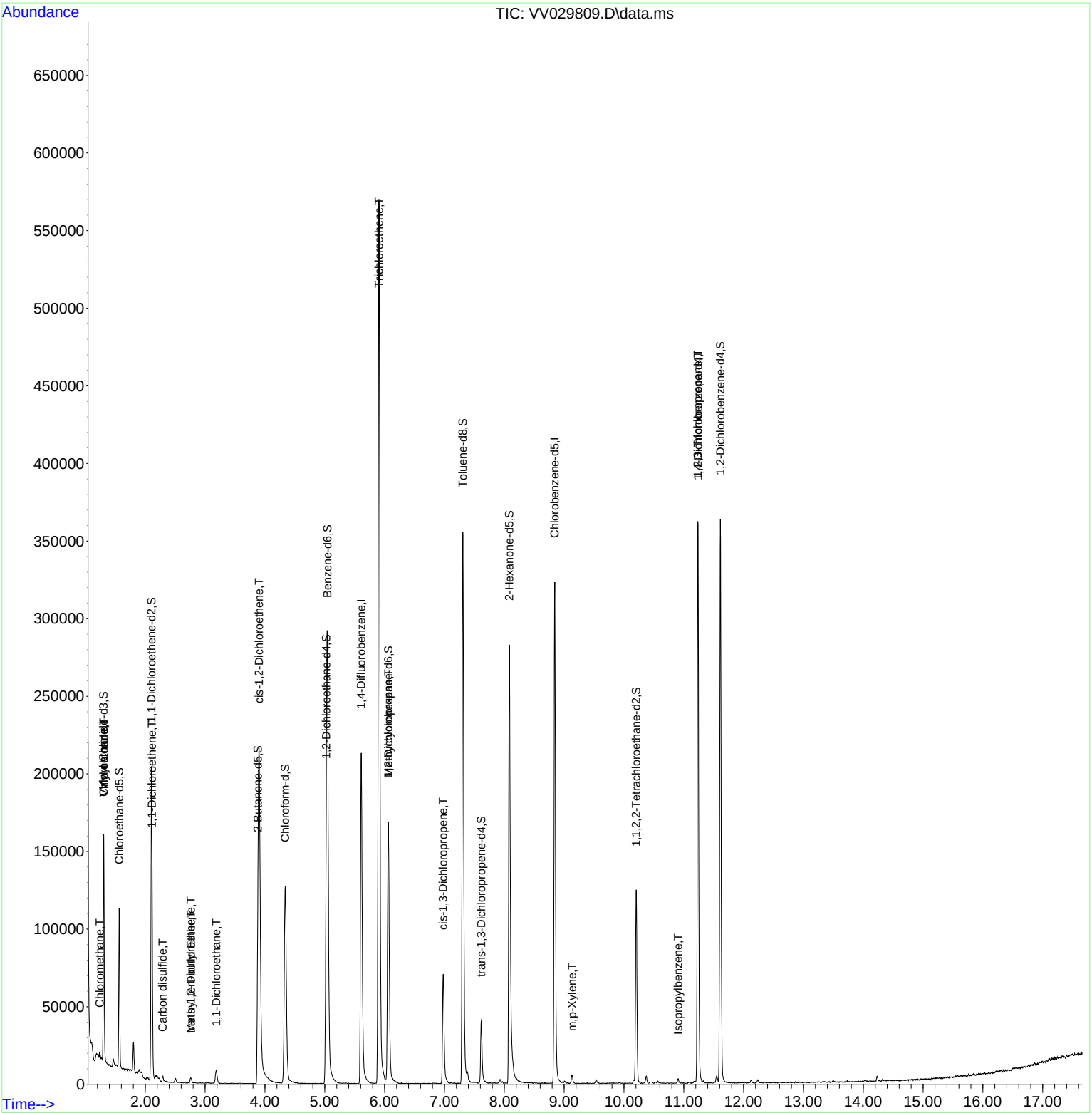
(#) = qualifier out of range (m) = manual integration (+) = signals summed

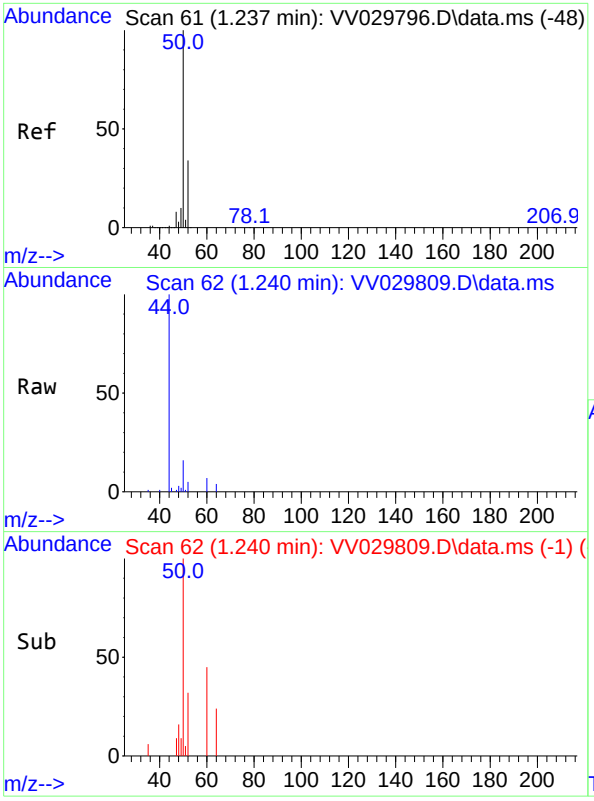
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029809.D
Acq On : 13 Jan 2023 15:31
Operator : SY/MD
Sample : 01138-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Quant Time: Jan 13 22:51:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



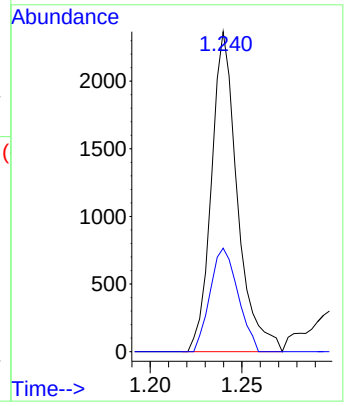


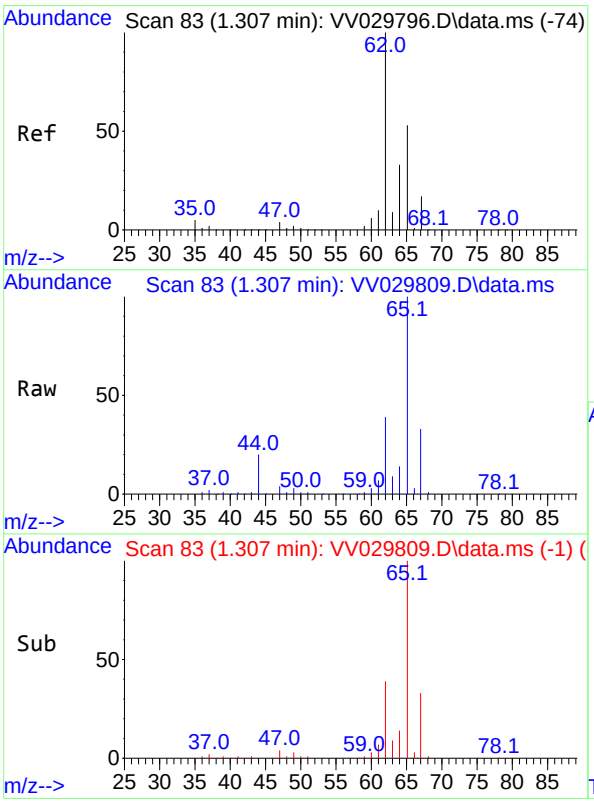
#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 50 Resp: 2327

Ion	Ratio	Lower	Upper
50	100		
52	32.4	23.1	42.9

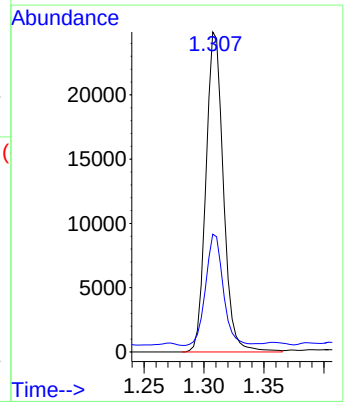


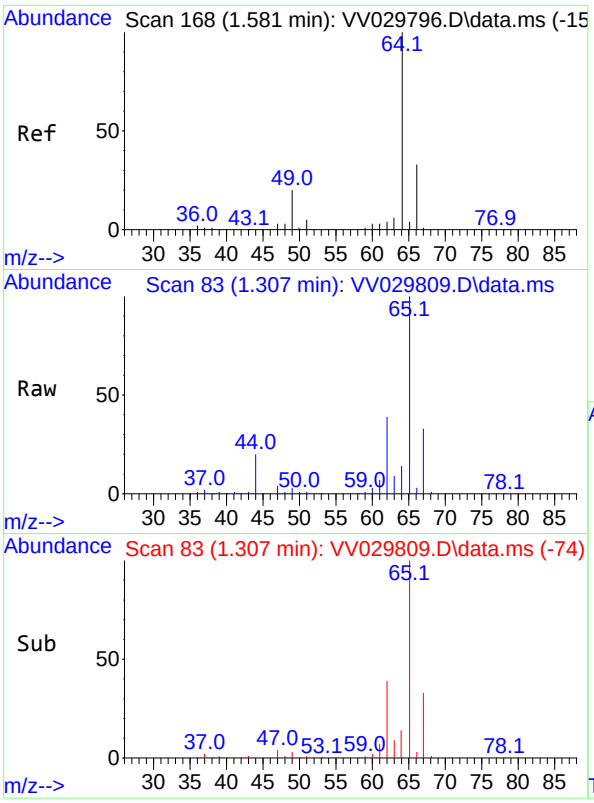


#5
Vinyl chloride
Concen: 1.314 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion: 62 Resp: 25289

Ion	Ratio	Lower	Upper
62	100		
64	36.8	23.2	43.2



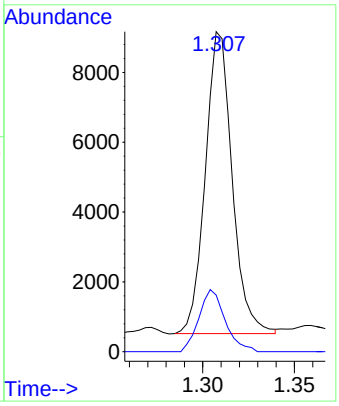


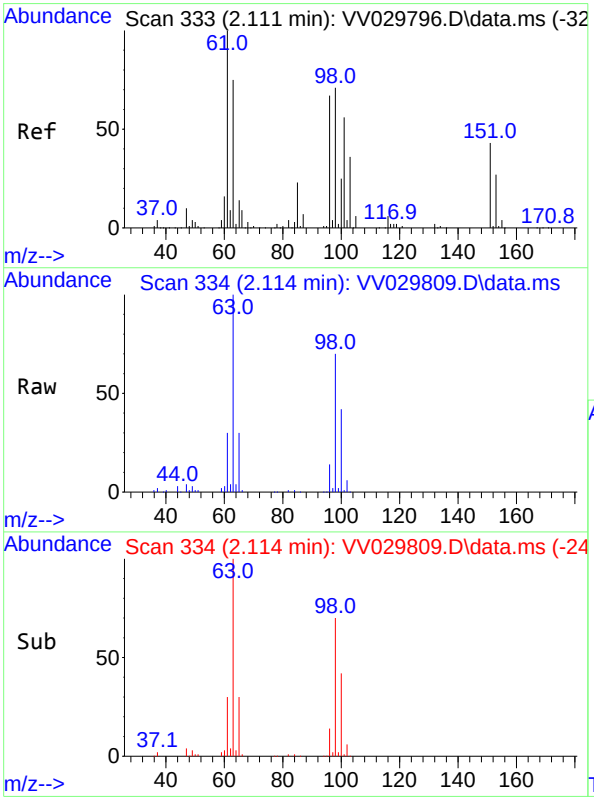
#8
Chloroethane
Concen: 0.755 ug/L
RT: 1.307 min Scan# 8
Delta R.T. -0.270 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 64 Resp: 8824

Ion	Ratio	Lower	Upper
64	100		
66	17.7	22.9	42.5#

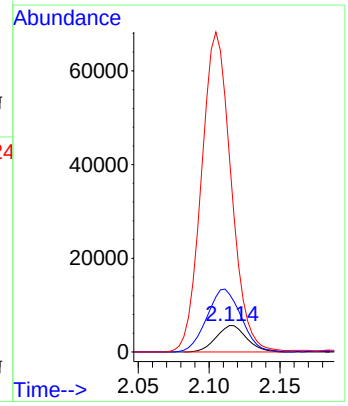


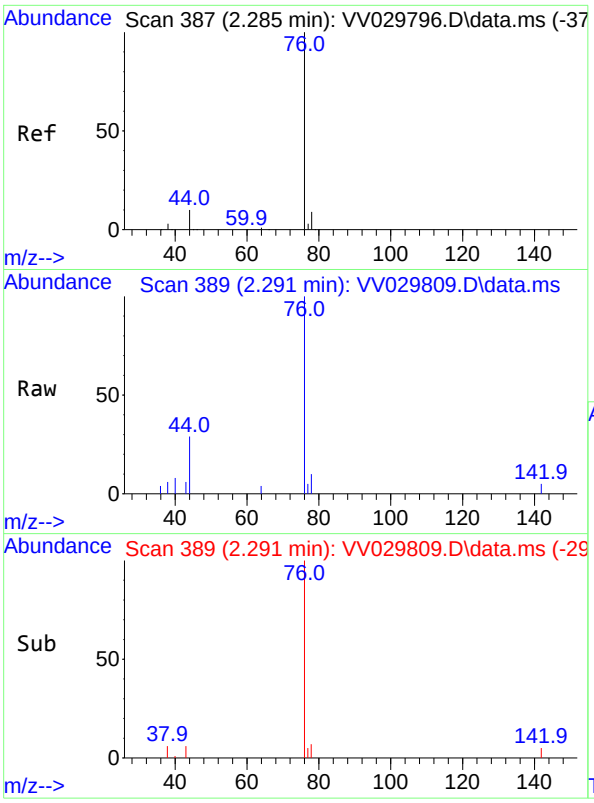


#12
1,1-Dichloroethene
Concen: 0.491 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion: 96 Resp: 8402

Ion	Ratio	Lower	Upper
96	100		
61	219.5	106.1	197.1#
63	737.7	76.4	141.8#



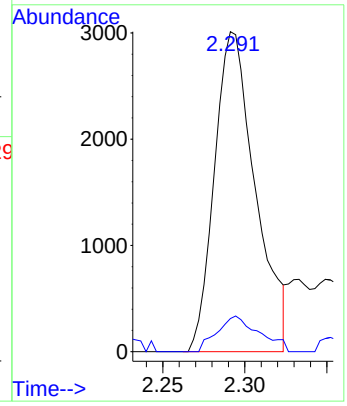


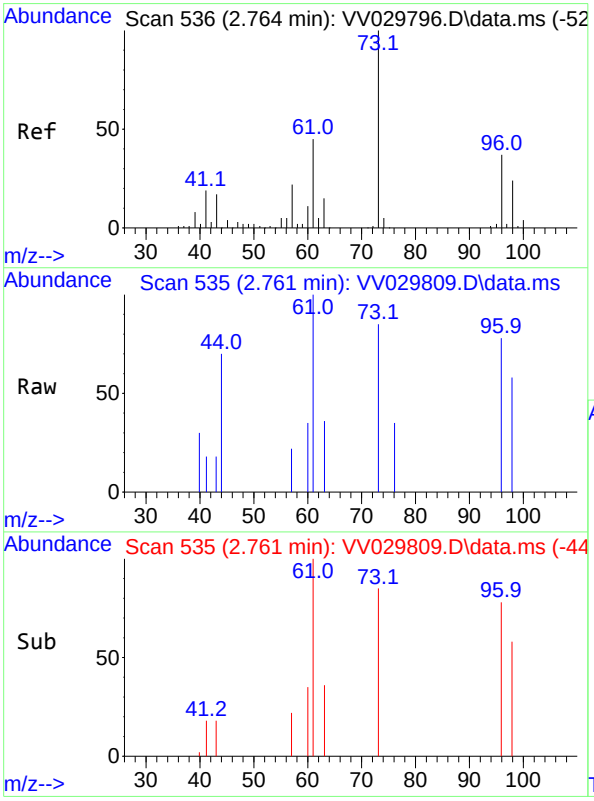
#14
Carbon disulfide
Concen: 0.106 ug/L
RT: 2.291 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 76 Resp: 5227

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.4	11.0

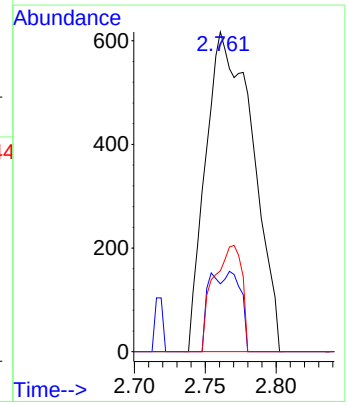


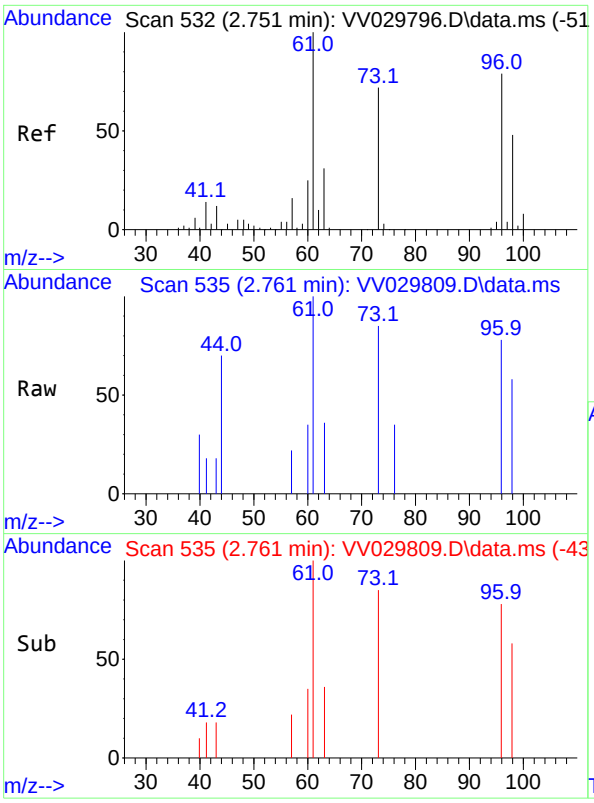


#17
Methyl tert-butyl Ether
Concen: 0.048 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion: 73 Resp: 1427

Ion	Ratio	Lower	Upper
73	100		
43	7.4	13.0	19.4#
57	0.0	17.1	25.7#



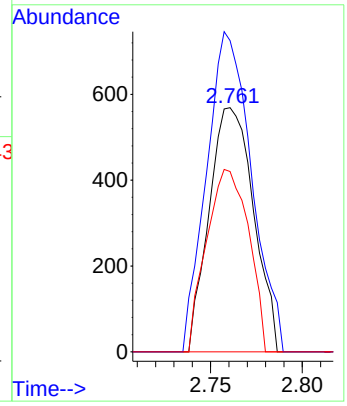


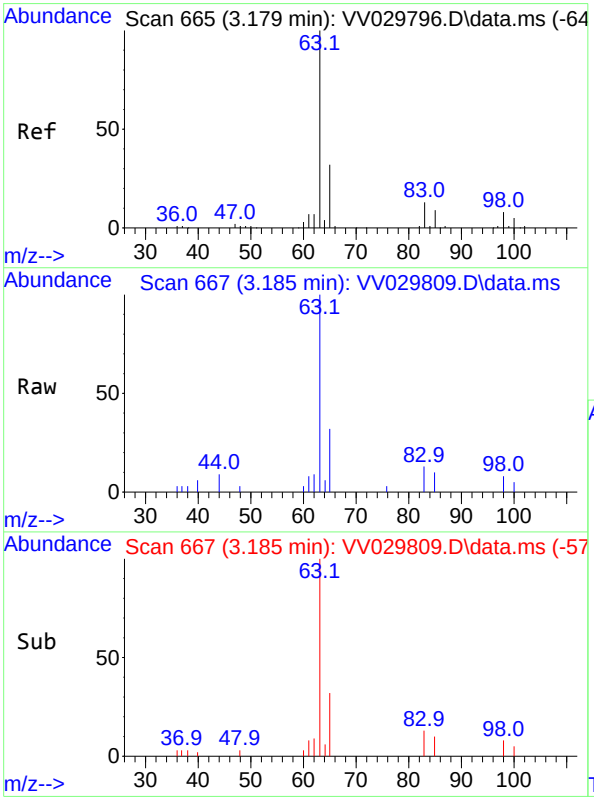
#18
trans-1,2-Dichloroethene
Concen: 0.060 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 96 Resp: 960

Ion	Ratio	Lower	Upper
96	100		
61	127.4	86.1	159.9
98	73.8	43.9	81.5

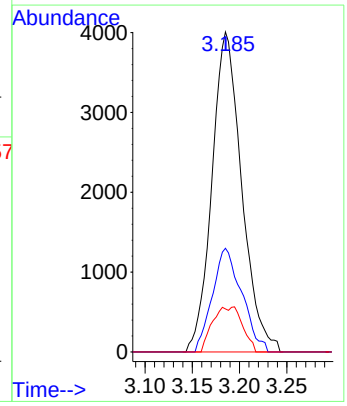


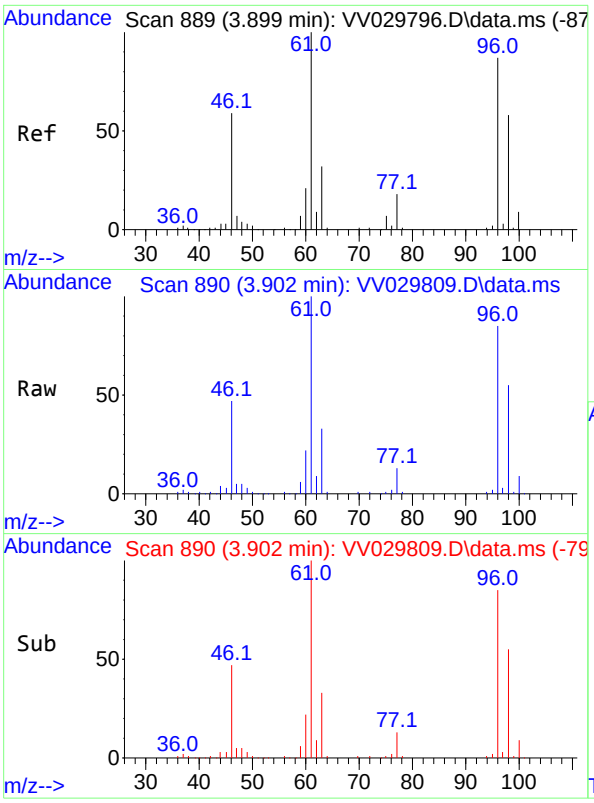


#19
1,1-Dichloroethane
Concen: 0.329 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion: 63 Resp: 8766

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.4	41.6
83	13.4	10.2	19.0



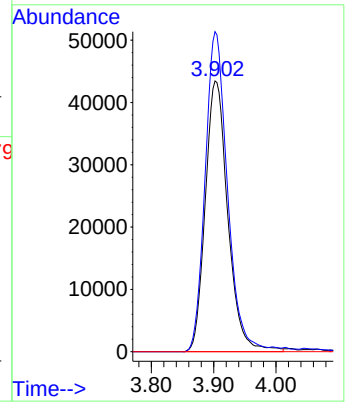


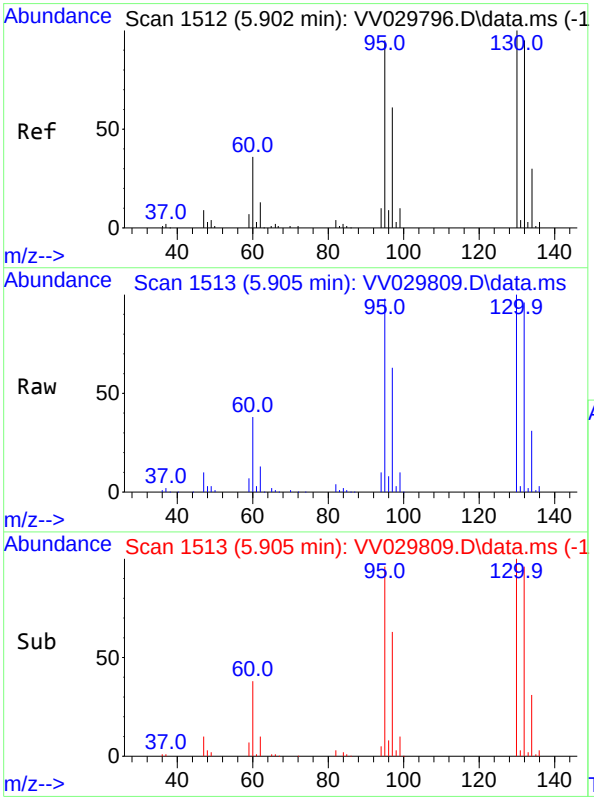
#22
cis-1,2-Dichloroethene
Concen: 6.454 ug/L
RT: 3.902 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 96 Resp: 109405

Ion	Ratio	Lower	Upper
96	100		
61	118.2	80.0	148.6
68	0.0	0.0	0.0

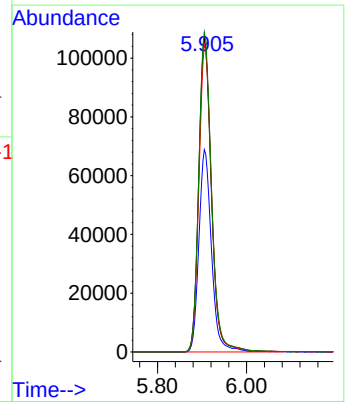


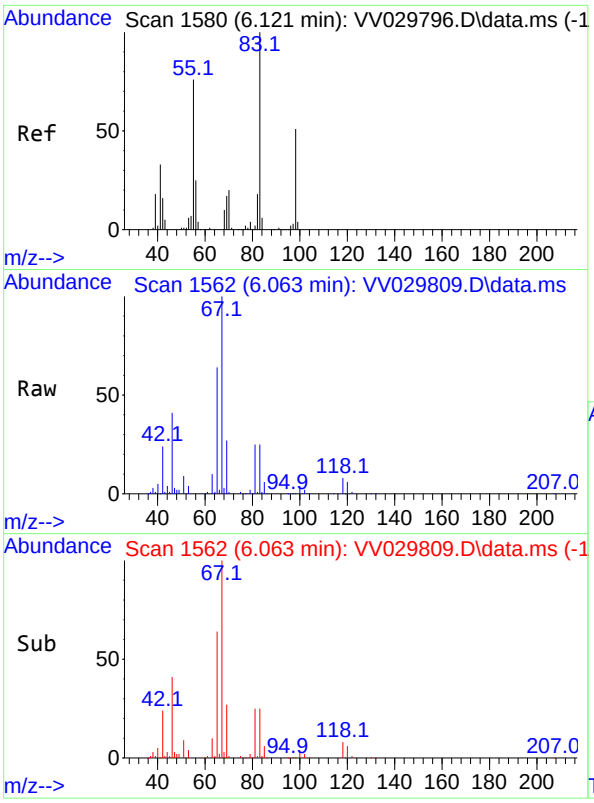


#34
Trichloroethene
Concen: 13.255 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion: 95 Resp: 213298

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.3
132	98.1	71.8	133.4
130	102.1	75.3	139.8



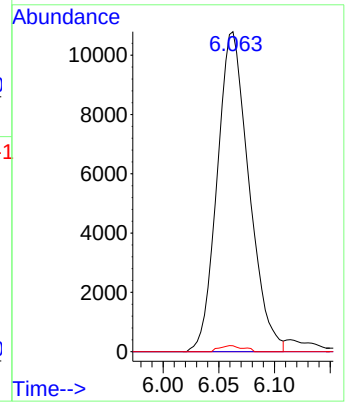


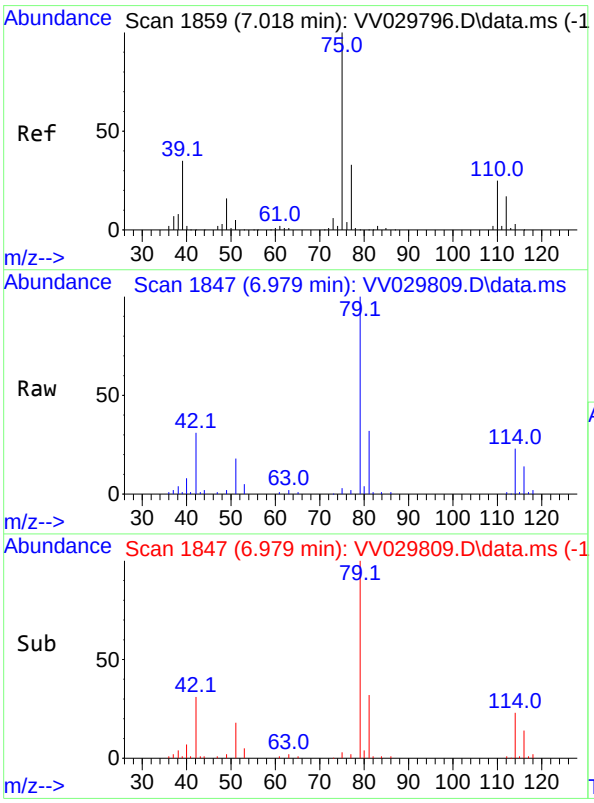
#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 83 Resp: 21387

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	1.4	39.0	58.6#

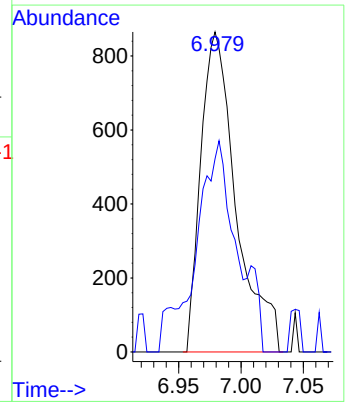


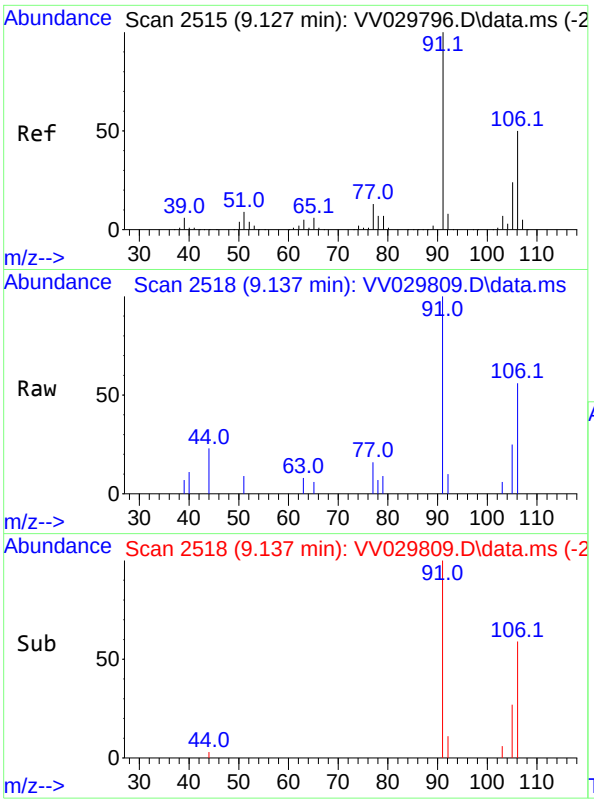


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion: 75 Resp: 1704

Ion	Ratio	Lower	Upper
75	100		
77	60.3	22.4	41.6#



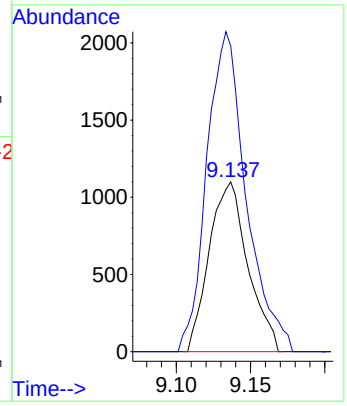


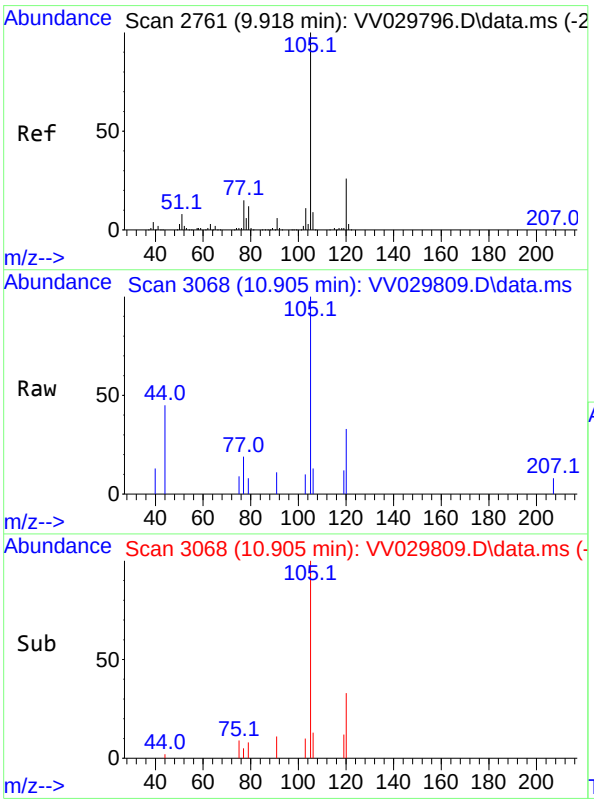
#53
m,p-Xylene
Concen: 0.070 ug/L
RT: 9.137 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion:106 Resp: 1993

Ion	Ratio	Lower	Upper
106	100		
91	180.1	138.7	257.7

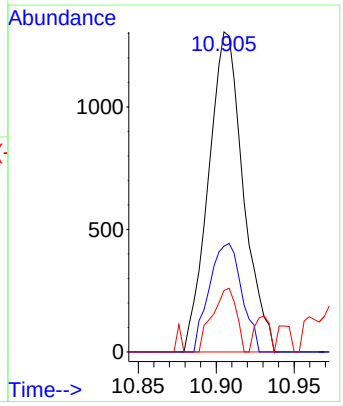


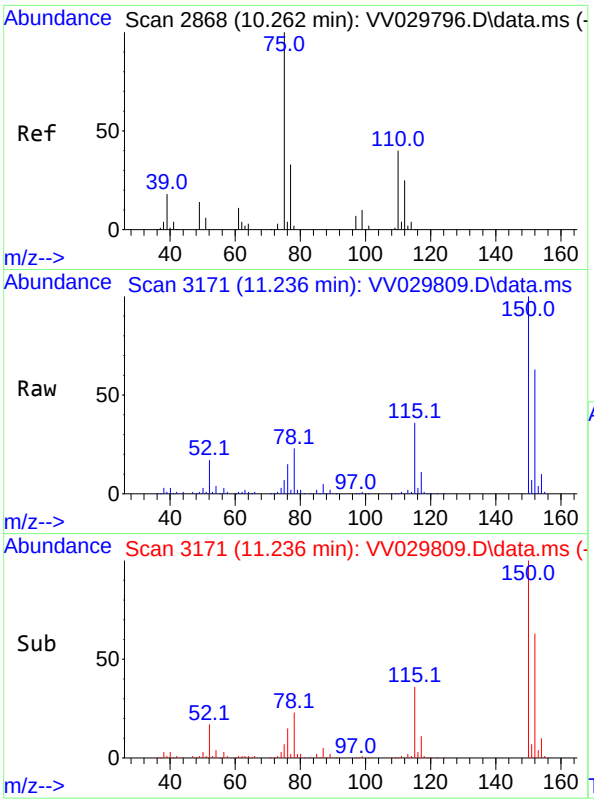


#60
Isopropylbenzene
Concen: 0.031 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.984 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Tgt Ion:105 Resp: 2025

Ion	Ratio	Lower	Upper
105	100		
120	31.8	21.2	31.8
77	13.7	11.8	17.8





#61
1,2,3-Trichloropropane
Concen: 1.514 ug/L
RT: 11.236 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV029809.D
Acq: 13 Jan 2023 15:31

Instrument :
MSVOA_V
ClientSampleId :
BH1W5

Tgt Ion: 75 Resp: 11359

Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.5	39.7
110	2.2	31.8	47.8#