Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
Data File : VV028206.D
Acq On : 29 Sep 2022 23:20
Operator : SY/MD
Sample : N4870-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Quant Time: Sep 30 01:51:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	165479	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66603	3.882	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.600%			
7) Chloroethane-d5	1.561	69	56081	4.112	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.200%			
11) 1,1-Dichloroethene-d2	2.102	63	104538	3.513	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.200%			
20) 2-Butanone-d5	3.892	46	122194	42.190	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.380%			
24) Chloroform-d	4.343	84	119663	4.371	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	5.027	65	57641	4.425	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	5.044	84	234659	4.198	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
36) 1,2-Dichloropropane-d6	6.066	67	71526	4.105	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.310	98	197750	3.909	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.200%			
43) trans-1,3-Dichloroprop...	7.622	79	23142	3.677	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.600%			
46) 2-Hexanone-d5	8.085	63	106551	40.561	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.120%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51750	4.345	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	73889	4.656	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	684	0.053	ug/L #	1
8) Chloroethane	1.590	64	1134	0.132	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	1245	0.106	ug/L #	20
12) 1,1-Dichloroethene	2.105	96	982	0.086	ug/L #	1
22) cis-1,2-Dichloroethene	3.902	96	757	0.058	ug/L	93
25) Chloroform	4.372	83	22948	0.979	ug/L	100
27) 1,2-Dichloroethane	5.040	62	1279	0.102	ug/L #	76
35) Methylcyclohexane	6.066	83	16950	1.049	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7480	0.564	ug/L #	87
38) Bromodichloromethane	6.506	83	3434	0.210	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1412	0.086	ug/L #	69
47) Tetrachloroethene	7.979	164	1104	0.117	ug/L	85
49) Dibromochloromethane	7.976	129	1128	0.105	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8217	1.211	ug/L #	67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
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Operator : SY/MD
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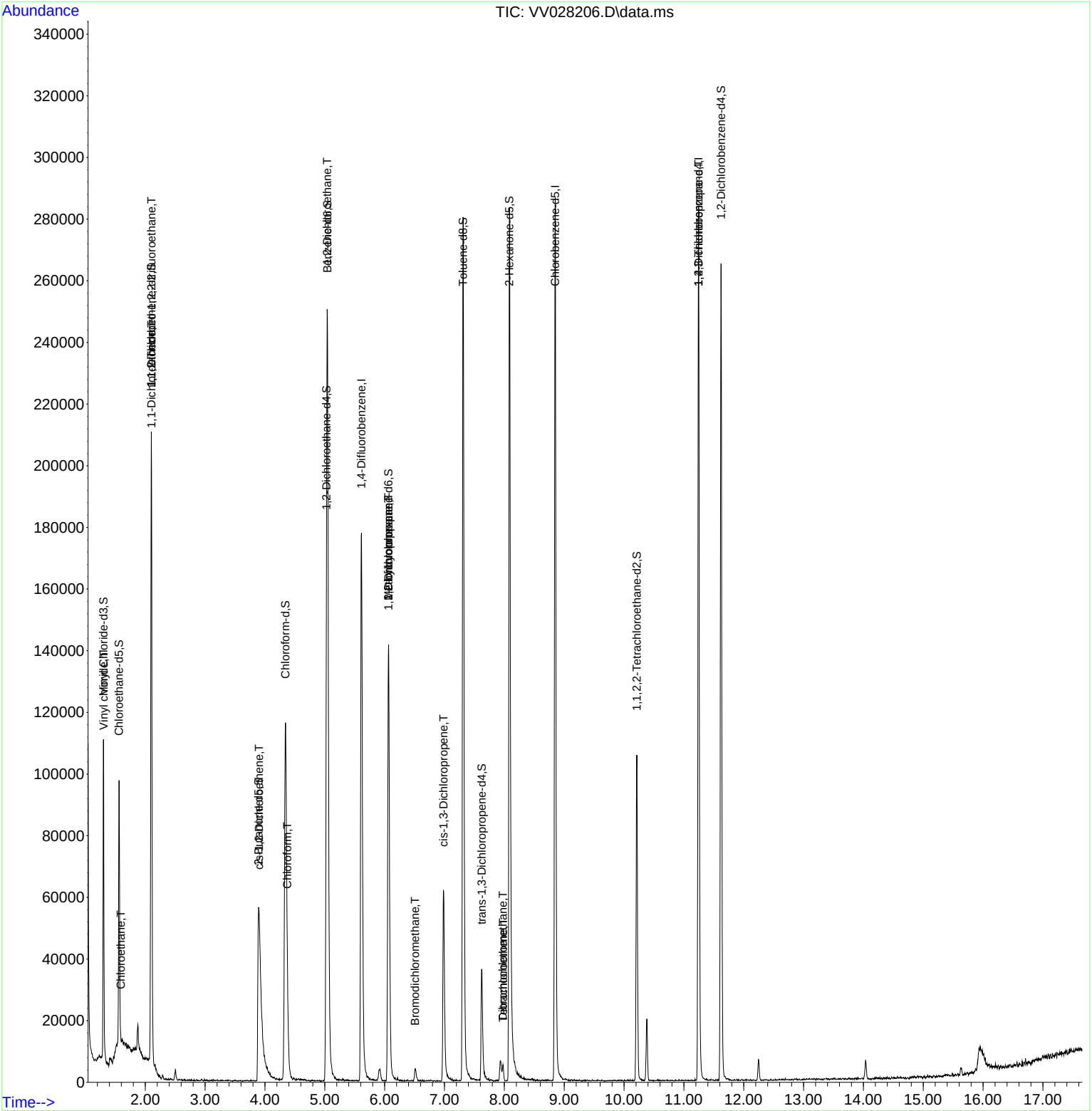
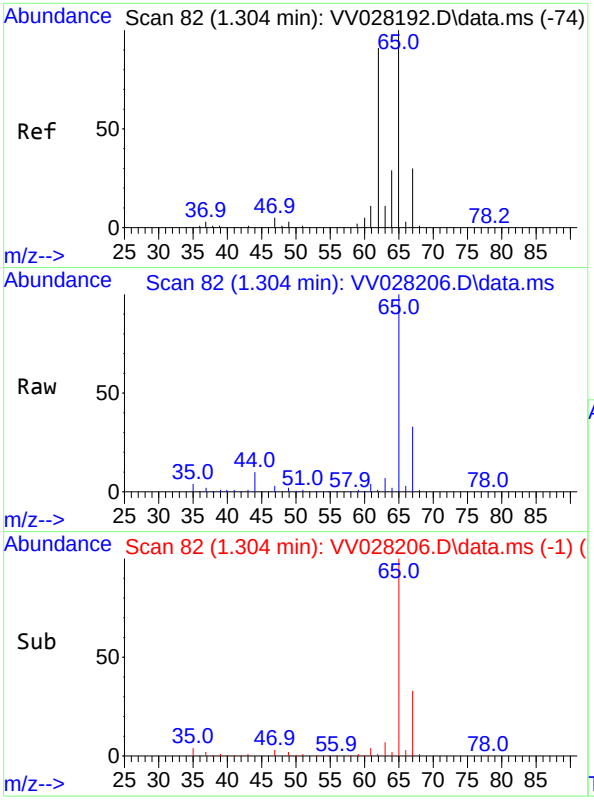
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Quant Time: Sep 30 01:51:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



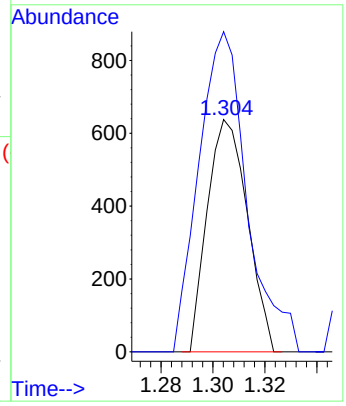


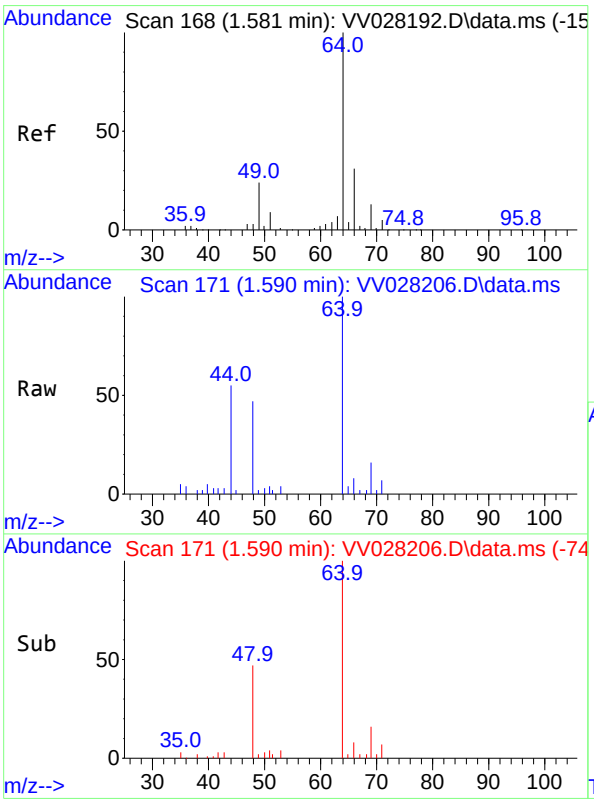
#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.304 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion: 62 Resp: 684

Ion	Ratio	Lower	Upper
62	100		
64	137.8	23.0	42.8#

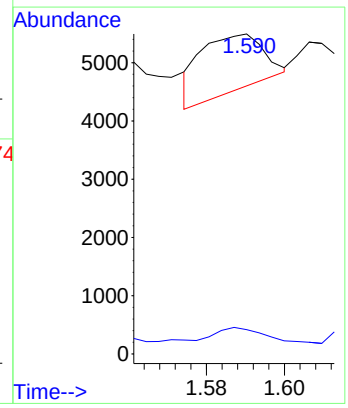


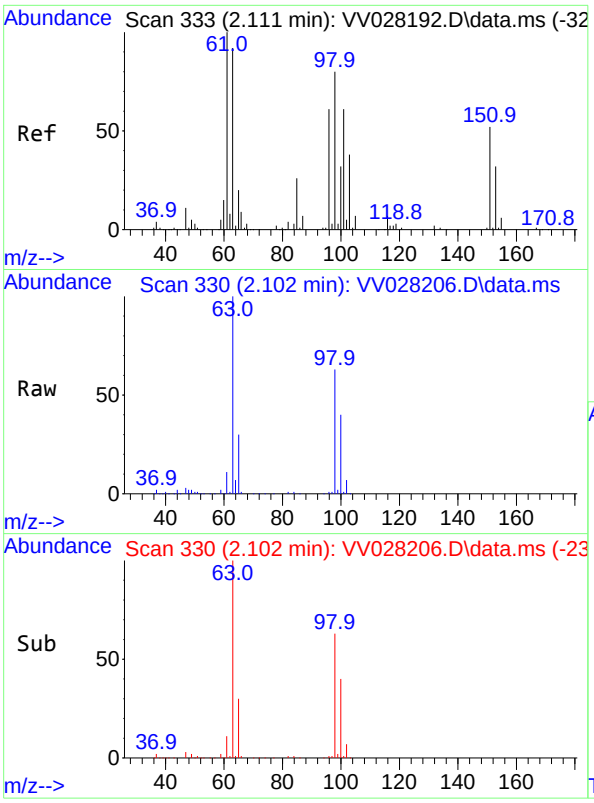


#8
Chloroethane
Concen: 0.132 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.013 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion: 64 Resp: 1134

Ion	Ratio	Lower	Upper
64	100		
66	7.6	23.0	42.8#



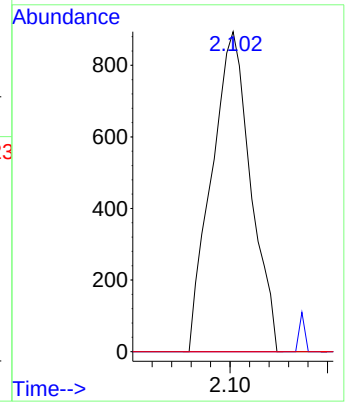


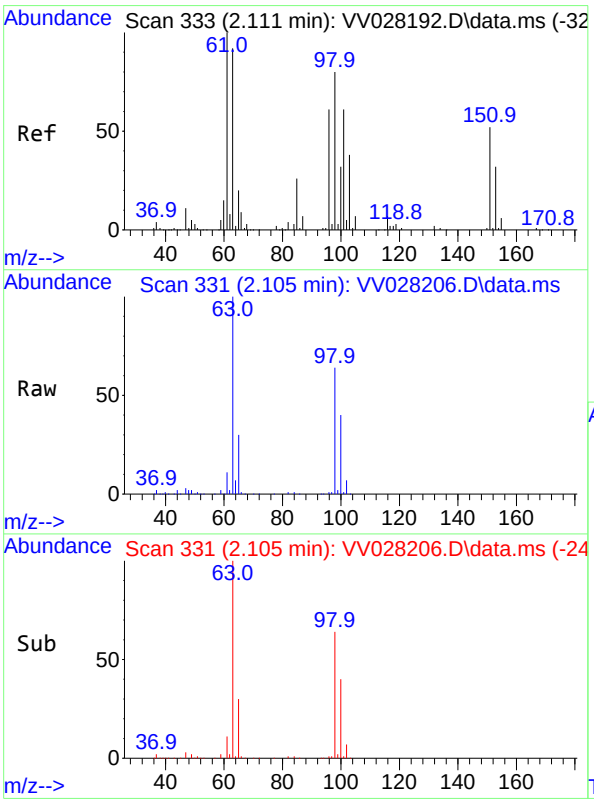
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.106 ug/L
RT: 2.102 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion:101 Resp: 1245

Ion	Ratio	Lower	Upper
101	100		
85	1.7	34.4	51.6#
151	0.0	61.1	91.7#

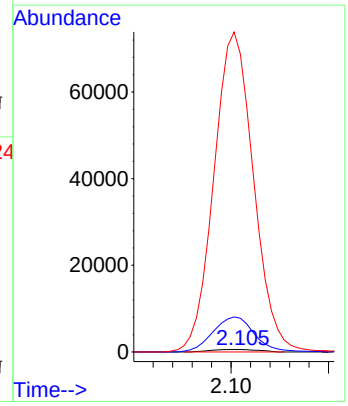


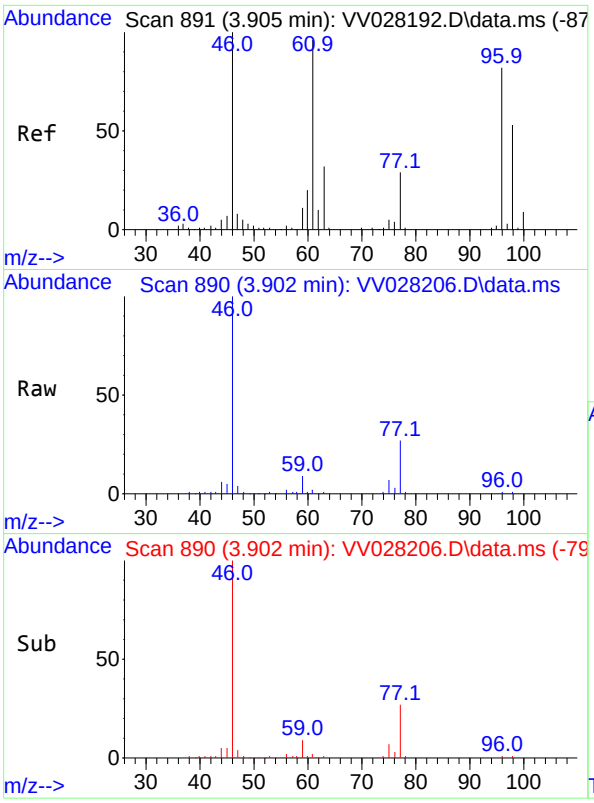


#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion: 96 Resp: 982

Ion	Ratio	Lower	Upper
96	100		
61	1359.6	128.3	238.3#
63	11983.3	112.7	209.3#



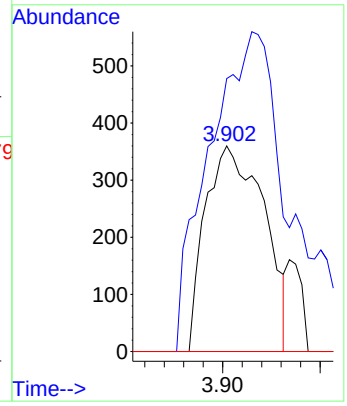


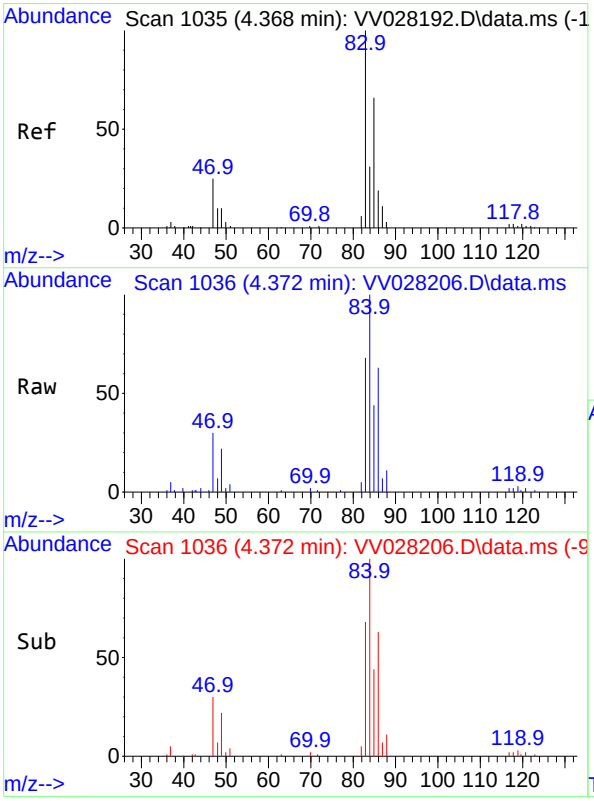
#22
cis-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 3.902 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion: 96 Resp: 757

Ion	Ratio	Lower	Upper
96	100		
61	132.8	87.2	161.9
68	0.0	0.0	0.0

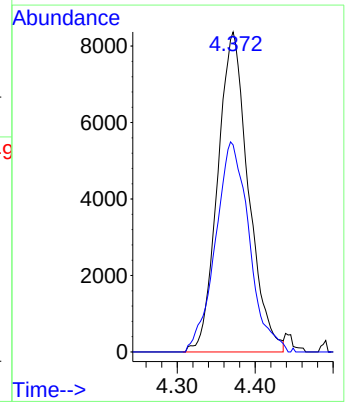


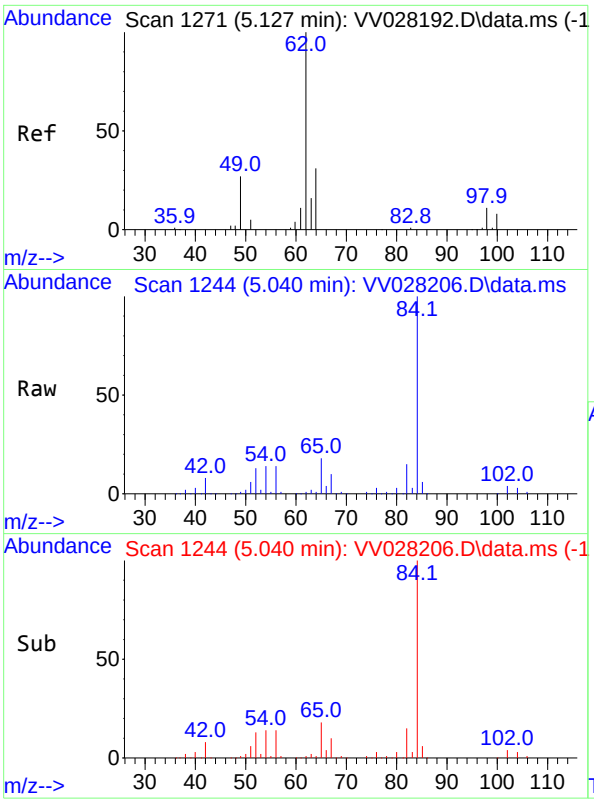


#25
Chloroform
Concen: 0.979 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion: 83 Resp: 22948

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.1	83.7



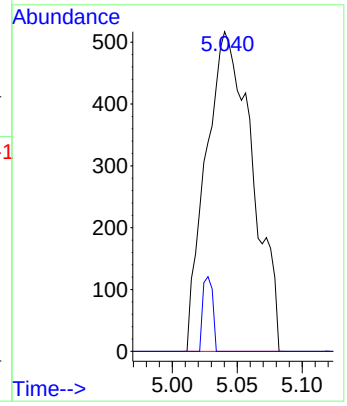


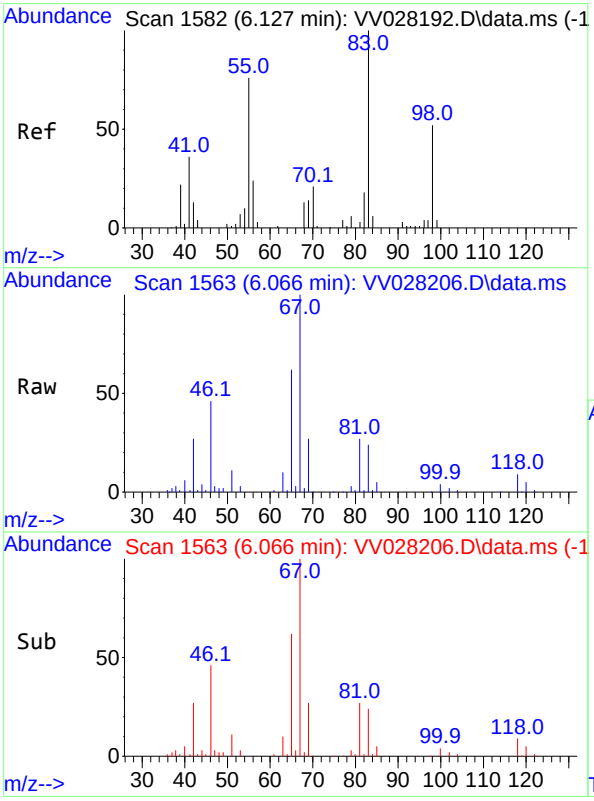
#27
1,2-Dichloroethane
Concen: 0.102 ug/L
RT: 5.040 min Scan# 1
Delta R.T. -0.084 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion: 62 Resp: 1279

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

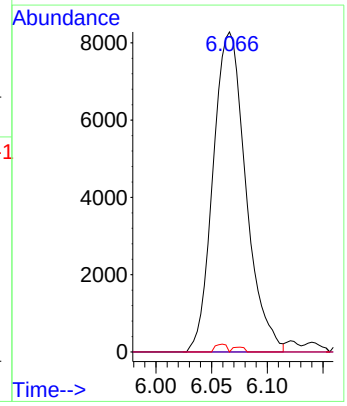


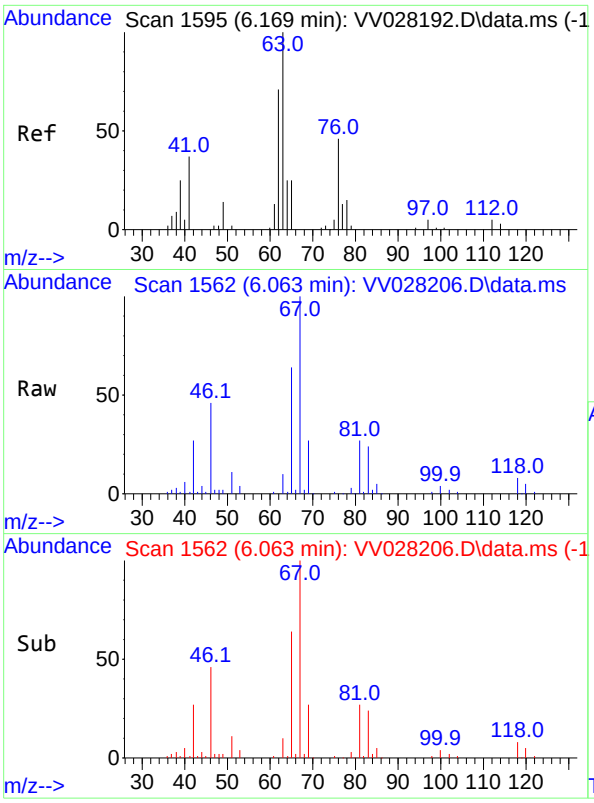


#35
Methylcyclohexane
Concen: 1.049 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion: 83 Resp: 16950

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.8	39.5	59.3#



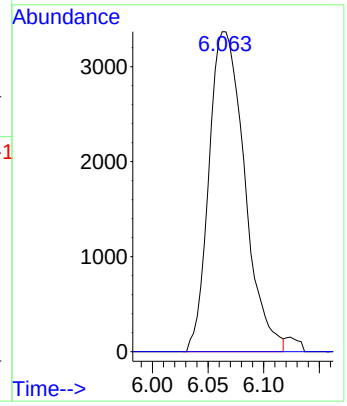


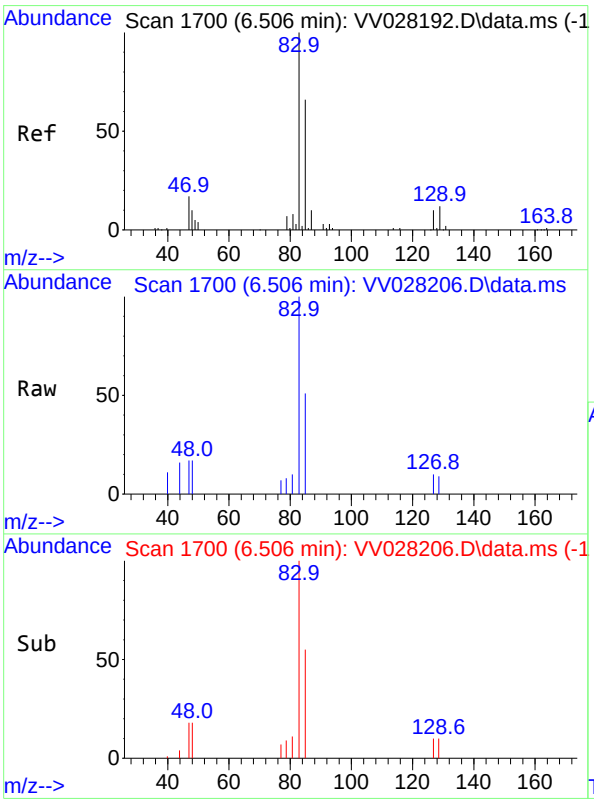
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.103 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion: 63 Resp: 7480

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

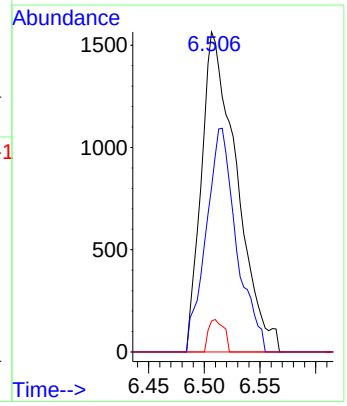


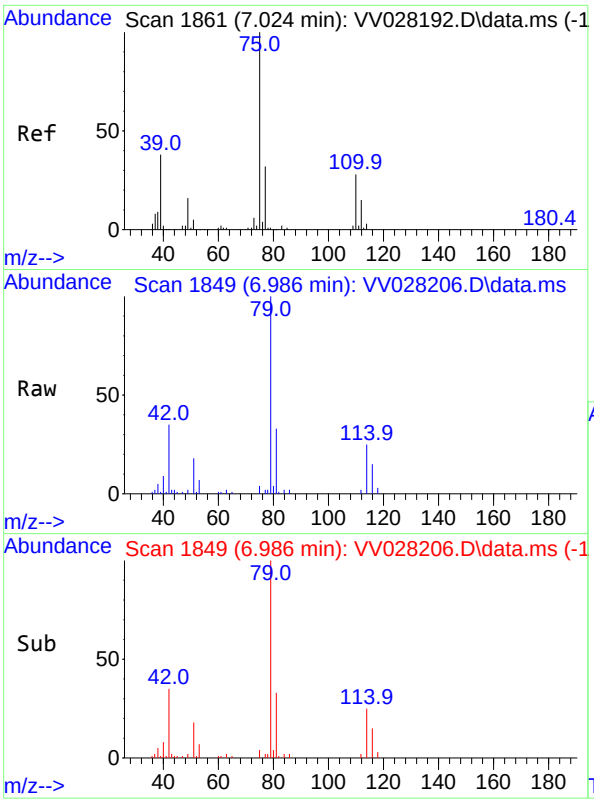


#38
Bromodichloromethane
Concen: 0.210 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion: 83 Resp: 3434

Ion	Ratio	Lower	Upper
83	100		
85	51.3	43.8	81.4
127	9.6	6.3	9.5#



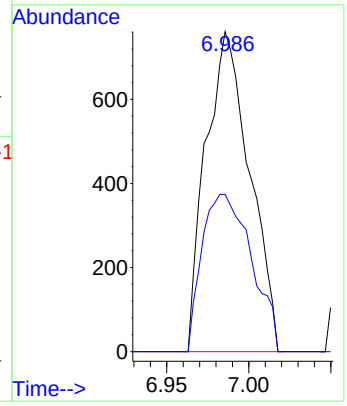


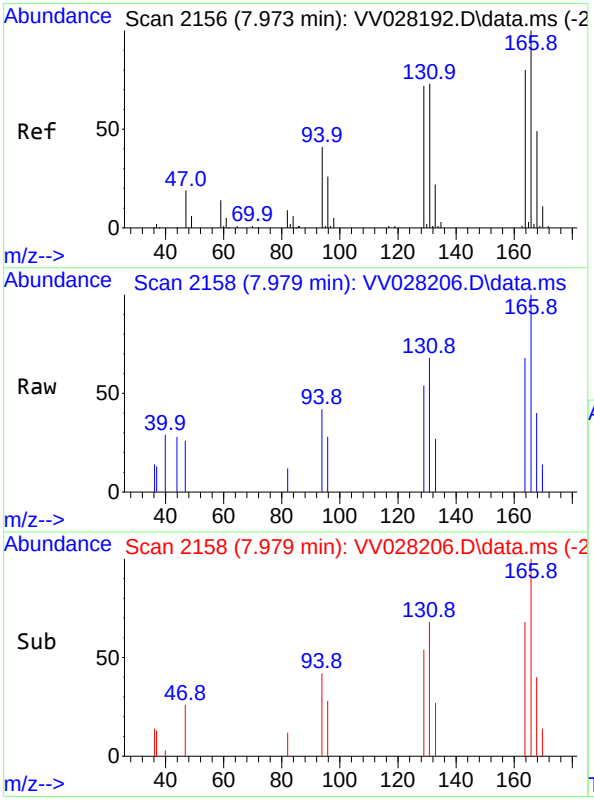
#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 6.986 min Scan# 1
Delta R.T. -0.035 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion: 75 Resp: 1412

Ion	Ratio	Lower	Upper
75	100		
77	49.1	22.4	41.6#

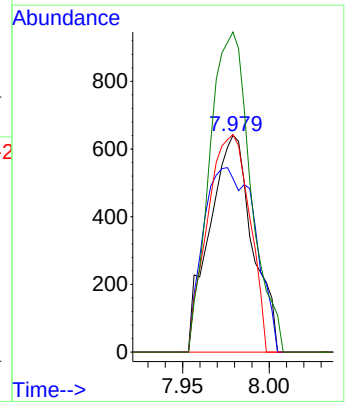


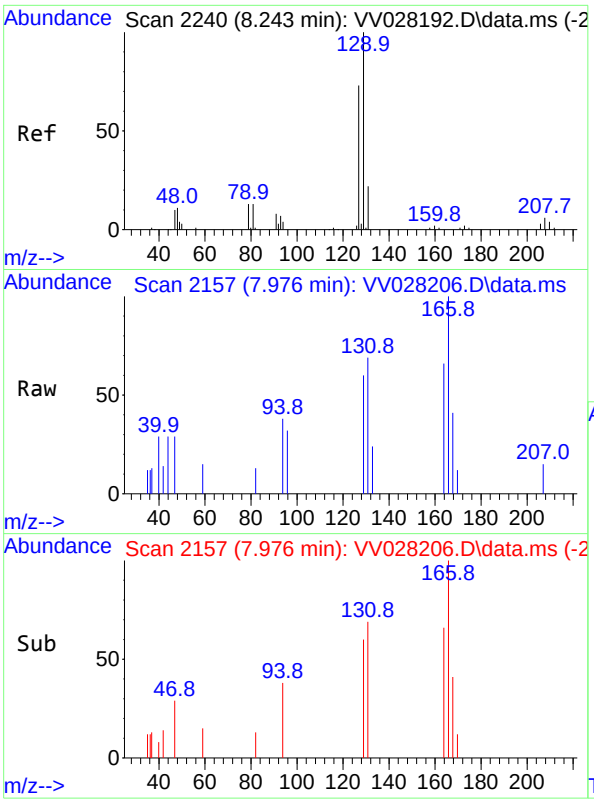


#47
Tetrachloroethene
Concen: 0.117 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.010 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion:164 Resp: 1104

Ion	Ratio	Lower	Upper
164	100		
129	80.2	66.7	123.9
131	100.5	61.7	114.5
166	147.8	90.9	168.9



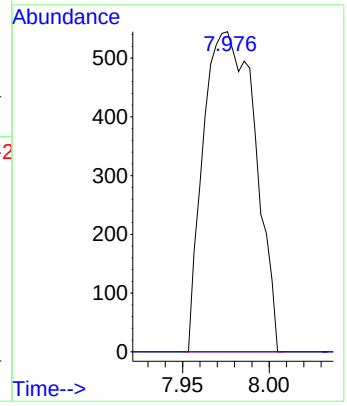


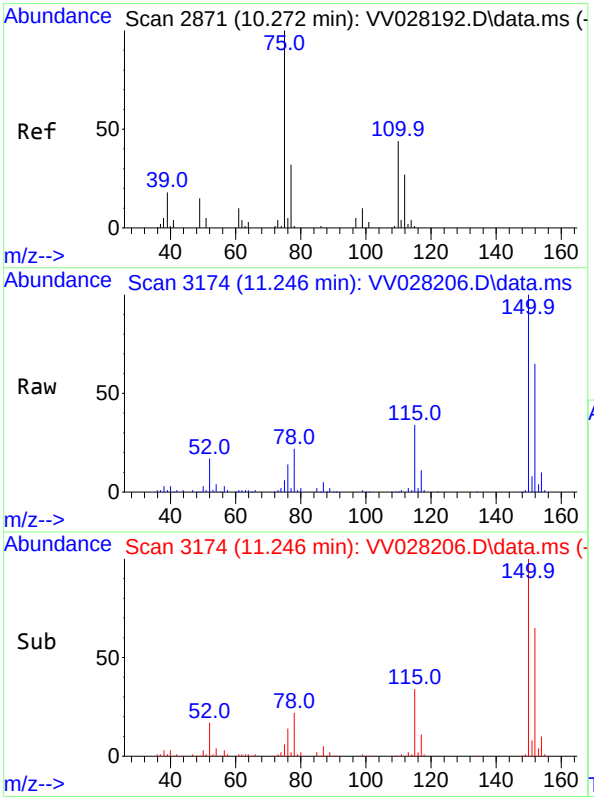
#49
Dibromochloromethane
Concen: 0.105 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.264 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Instrument :
MSVOA_V
ClientSampleId :
F5H12

Tgt Ion:129 Resp: 1128

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#61
1,2,3-Trichloropropane
Concen: 1.211 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.978 min
Lab File: VV028206.D
Acq: 29 Sep 2022 23:20

Tgt Ion: 75 Resp: 8217

Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.7	40.1
110	2.4	30.1	45.1#