Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029496.D
Acq On : 09 Dec 2022 00:27
Operator : SY/MD
Sample : N5915-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Quant Time: Dec 09 04:16:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	530603	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	492840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	262043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103415	31.828	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.660%			
7) Chloroethane-d5	1.564	69	96690	39.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.060%			
11) 1,1-Dichloroethene-d2	2.105	63	150839	29.764	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.520%#			
21) 2-Butanone-d5	3.867	46	232046	117.071	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.070%			
24) Chloroform-d	4.339	84	256384	41.931	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.860%			
26) 1,2-Dichloroethane-d4	5.024	65	157673	45.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.300%			
32) Benzene-d6	5.043	84	544309	41.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.600%			
36) 1,2-Dichloropropane-d6	6.063	67	174089	43.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.540%			
41) Toluene-d8	7.307	98	489615	39.903	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.800%#			
43) trans-1,3-Dichloroprop...	7.612	79	74973	37.326	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.660%			
47) 2-Hexanone-d5	8.082	63	202241	119.063	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.060%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	271099	47.693	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.380%			
66) 1,2-Dichlorobenzene-d4	11.612	152	216774	43.457	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.920%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	6219	1.560	ug/L #	70
12) 1,1-Dichloroethene	2.114	96	8806	3.105	ug/L #	1
13) Acetone	2.159	43	3073	2.380	ug/L	95
20) cis-1,2-Dichloroethene	3.905	96	53223	14.811	ug/L	99
34) Trichloroethene	5.912	95	7168	2.059	ug/L	93
35) Methylcyclohexane	6.063	83	41808	7.071	ug/L #	22
39) cis-1,3-Dichloropropene	6.979	75	4153	0.753	ug/L #	52
44) trans-1,3-Dichloropropene	7.616	75	3246	0.622	ug/L #	74
46) Tetrachloroethene	7.969	164	15565	5.561	ug/L	97
48) 2-Hexanone	8.082	43	19752	6.467	ug/L #	64
51) Chlorobenzene	8.876	112	11053	1.167	ug/L	97
64) 1,3-Dichlorobenzene	11.172	146	17372	2.309	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	37045	4.846	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	22548	2.931	ug/L	97

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

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Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
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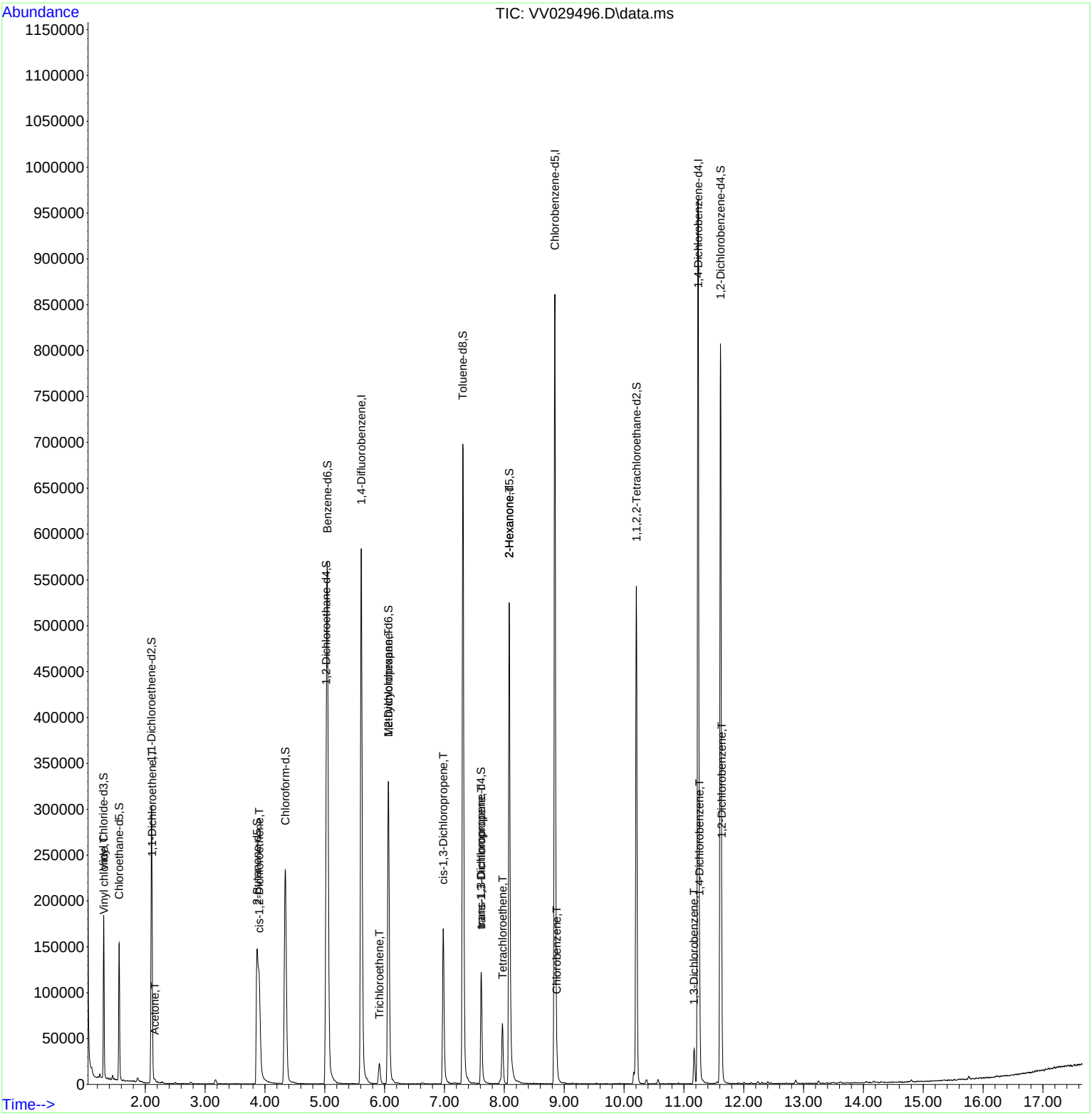
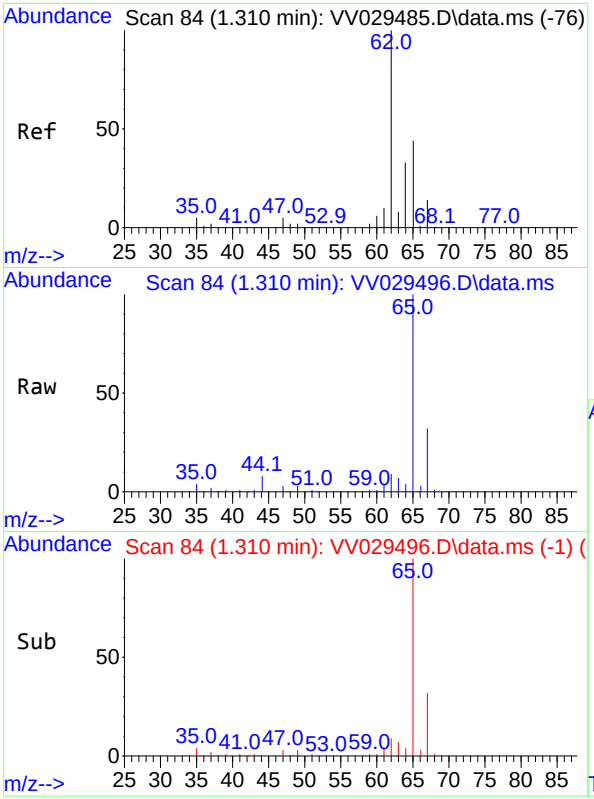


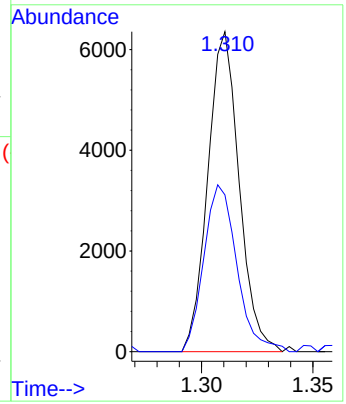


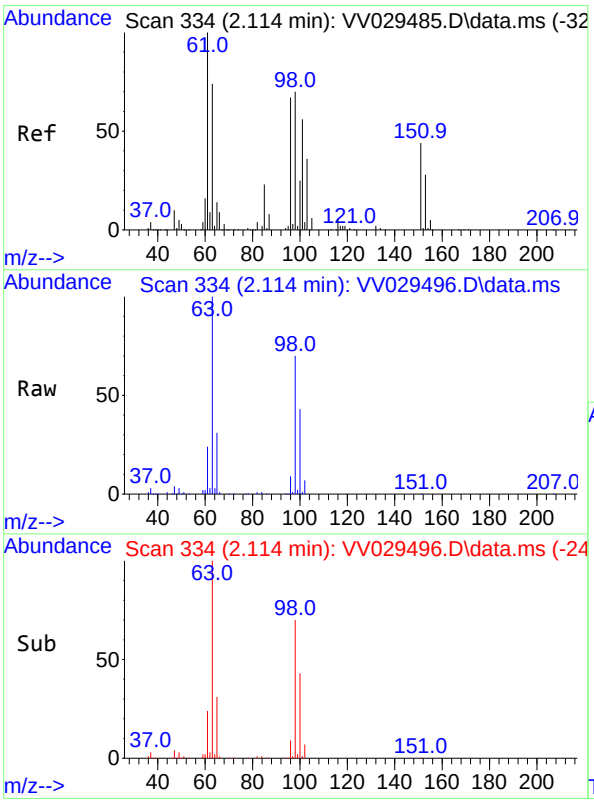
#5
Vinyl chloride
Concen: 1.560 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion: 62 Resp: 6219

Ion	Ratio	Lower	Upper
62	100		
64	49.0	22.5	41.9#

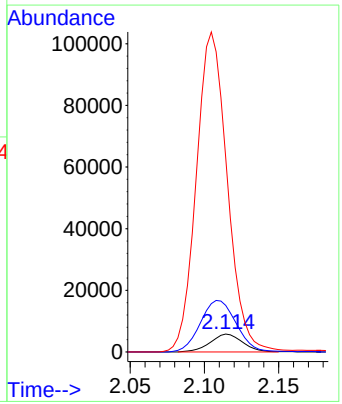


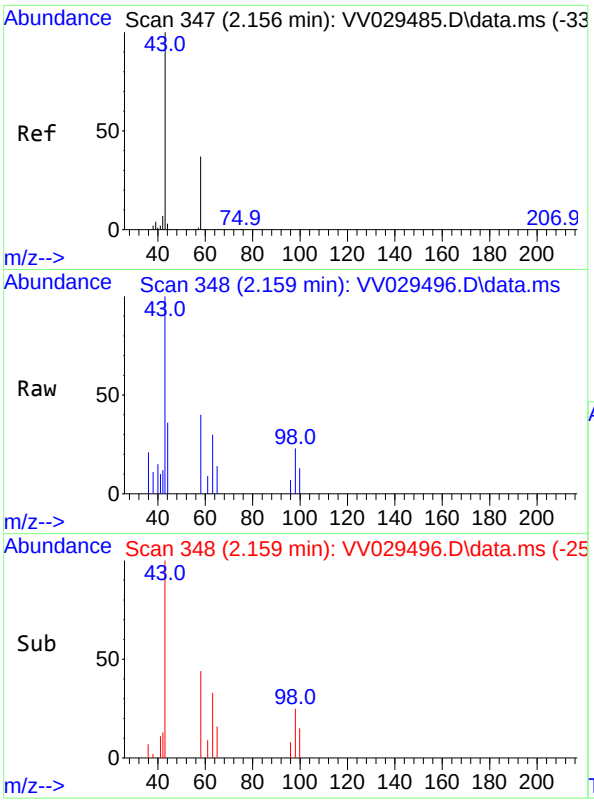


#12
1,1-Dichloroethene
Concen: 3.105 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 96 Resp: 8806

Ion	Ratio	Lower	Upper
96	100		
61	259.0	103.3	191.9#
63	1082.2	77.3	143.7#



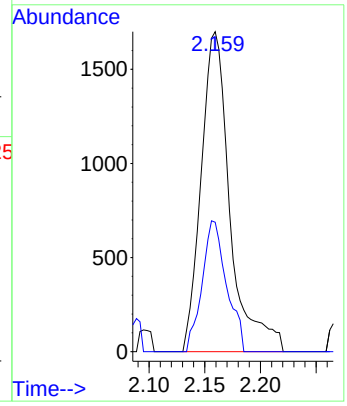


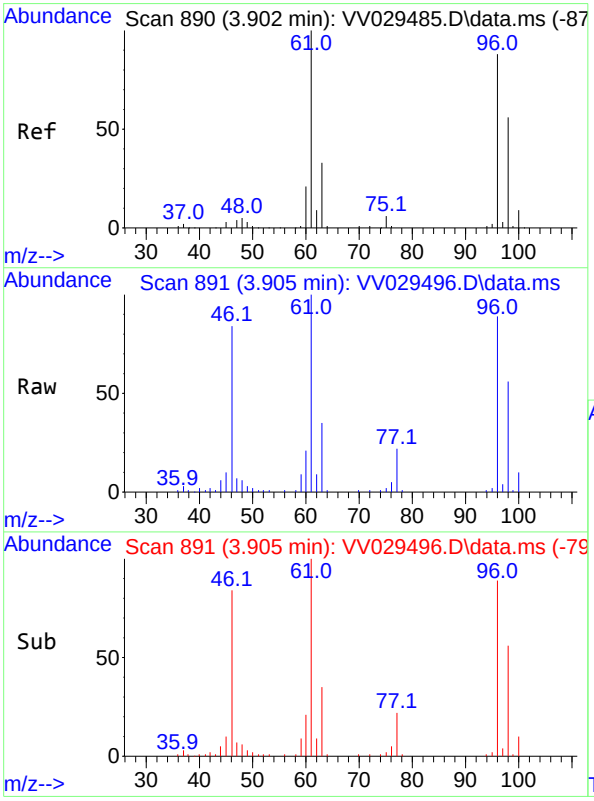
#13
Acetone
Concen: 2.380 ug/L
RT: 2.159 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion: 43 Resp: 3073

Ion	Ratio	Lower	Upper
43	100		
58	34.6	0.0	74.8

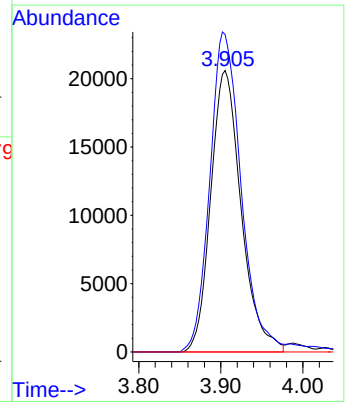


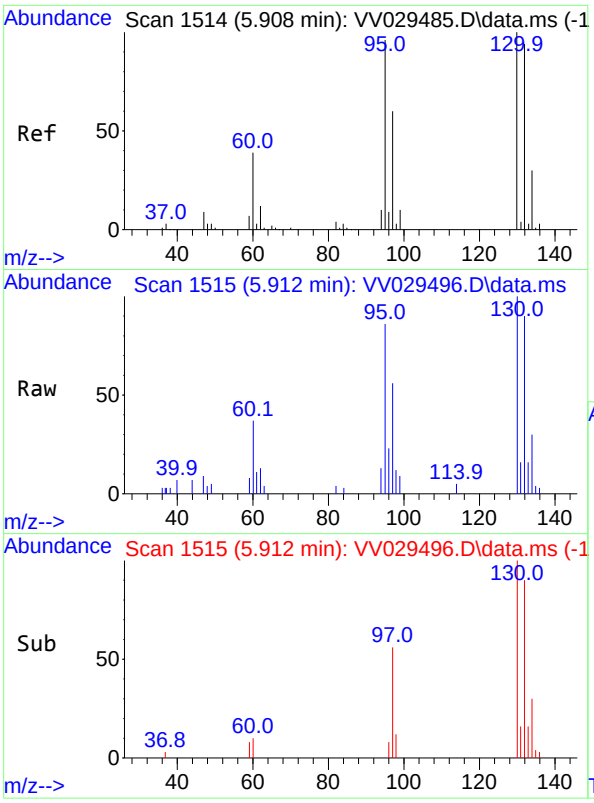


#20
cis-1,2-Dichloroethene
Concen: 14.811 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 96 Resp: 53223

Ion	Ratio	Lower	Upper
96	100		
61	112.8	78.0	144.9
68	0.0	0.0	0.0



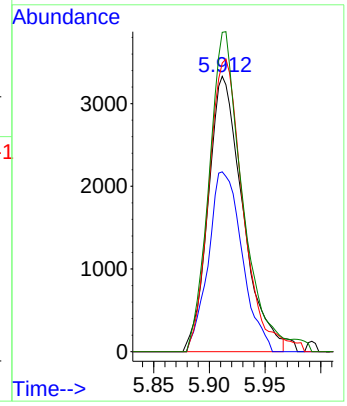


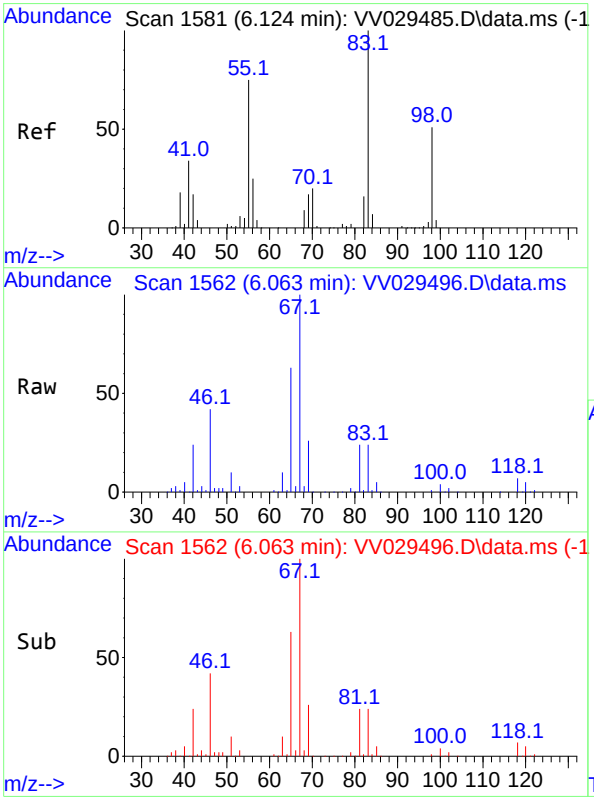
#34
Trichloroethene
Concen: 2.059 ug/L
RT: 5.912 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion: 95 Resp: 7168

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.0	81.8
132	104.8	69.9	129.9
130	116.0	73.7	136.9

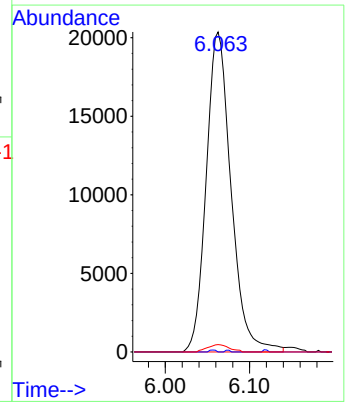


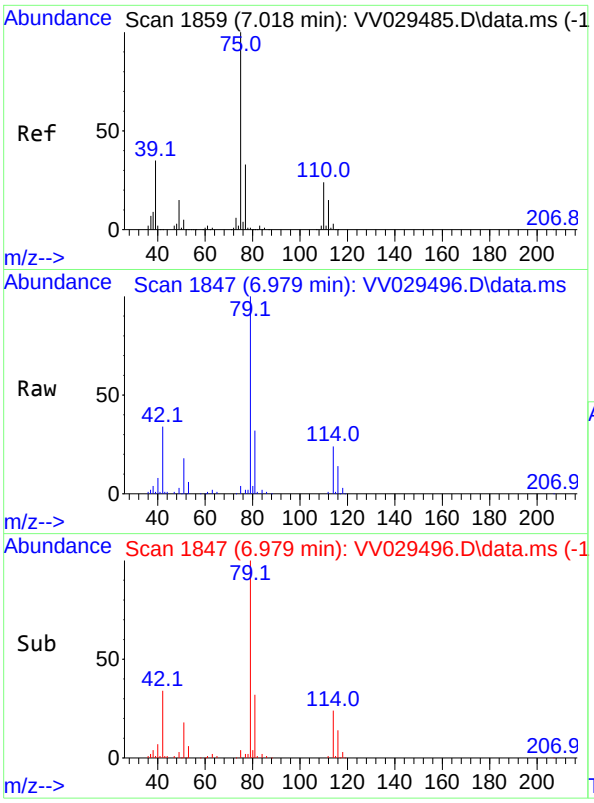


#35
Methylcyclohexane
Concen: 7.071 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 83 Resp: 41808

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.5	83.3#
98	2.0	39.8	59.8#



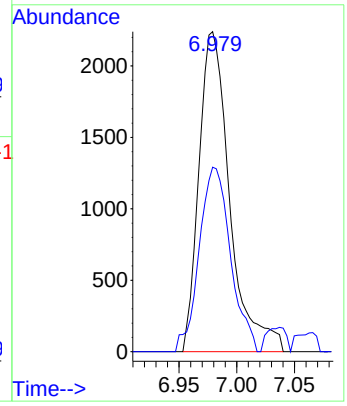


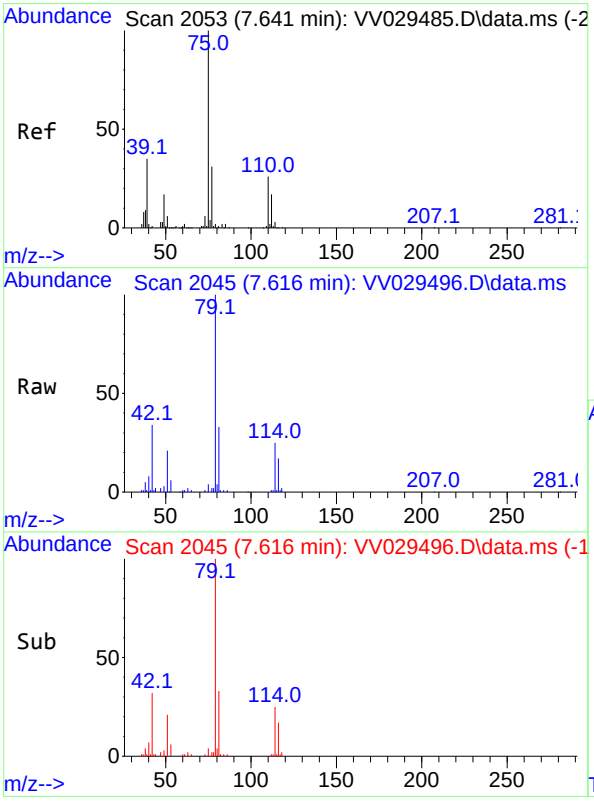
#39
cis-1,3-Dichloropropene
Concen: 0.753 ug/L
RT: 6.979 min Scan# 1
Delta R.T. -0.042 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion: 75 Resp: 4153

Ion	Ratio	Lower	Upper
75	100		
77	57.6	21.9	40.7#

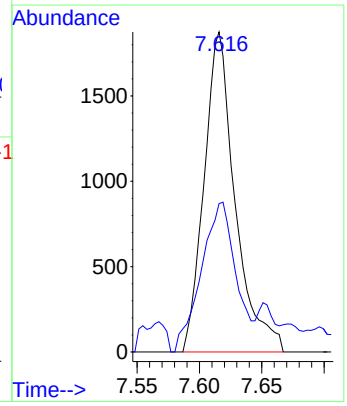


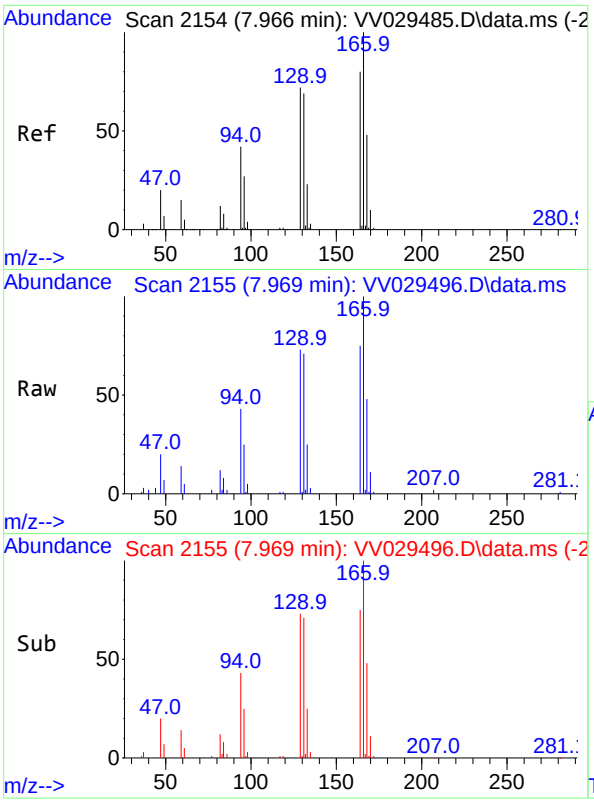


#44
trans-1,3-Dichloropropene
Concen: 0.622 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.029 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 75 Resp: 3246

Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.3	41.5#



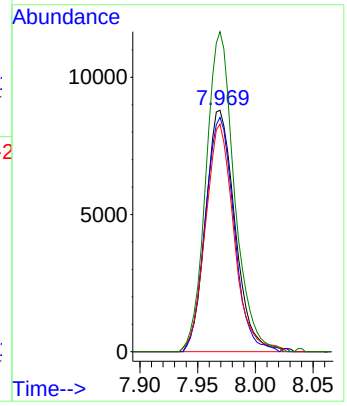


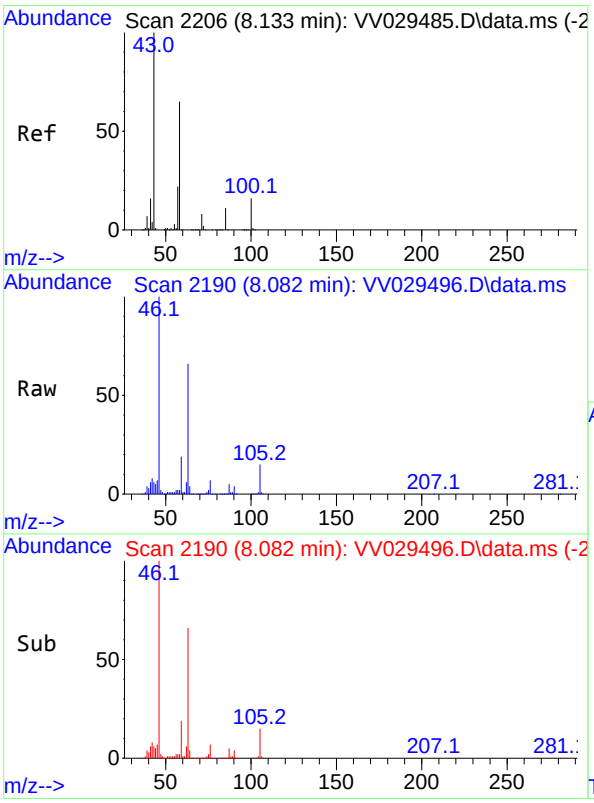
#46
Tetrachloroethene
Concen: 5.561 ug/L
RT: 7.969 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion:164 Resp: 15565

Ion	Ratio	Lower	Upper
164	100		
129	97.0	65.3	121.3
131	94.2	63.1	117.1
166	132.6	90.8	168.6

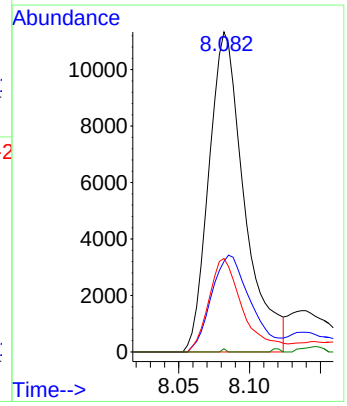


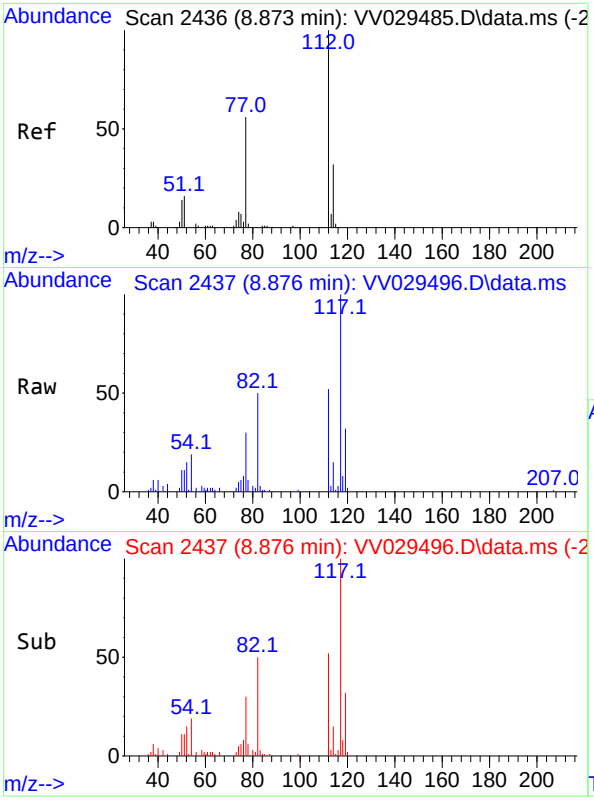


#48
2-Hexanone
Concen: 6.467 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.051 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion: 43 Resp: 19752

Ion	Ratio	Lower	Upper
43	100		
58	33.2	54.1	81.1#
57	28.1	17.4	26.0#
100	0.2	13.6	20.4#



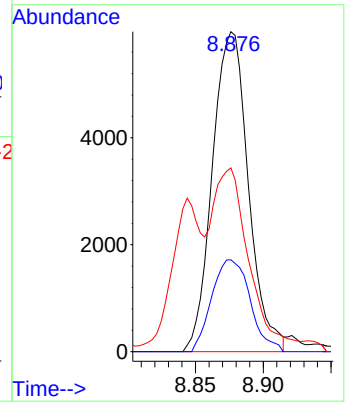


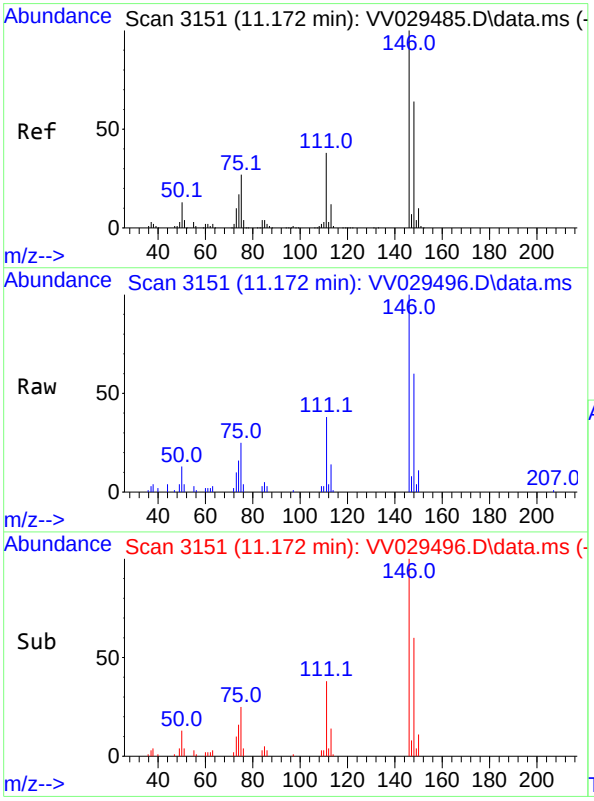
#51
Chlorobenzene
Concen: 1.167 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion:112 Resp: 11053

Ion	Ratio	Lower	Upper
112	100		
114	28.7	22.3	41.3
77	57.5	45.0	67.4

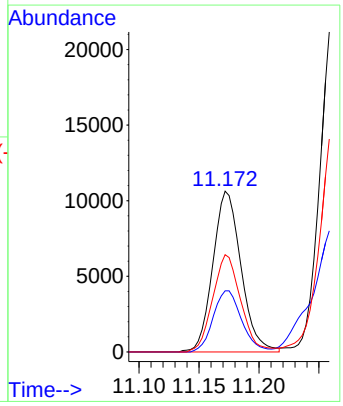


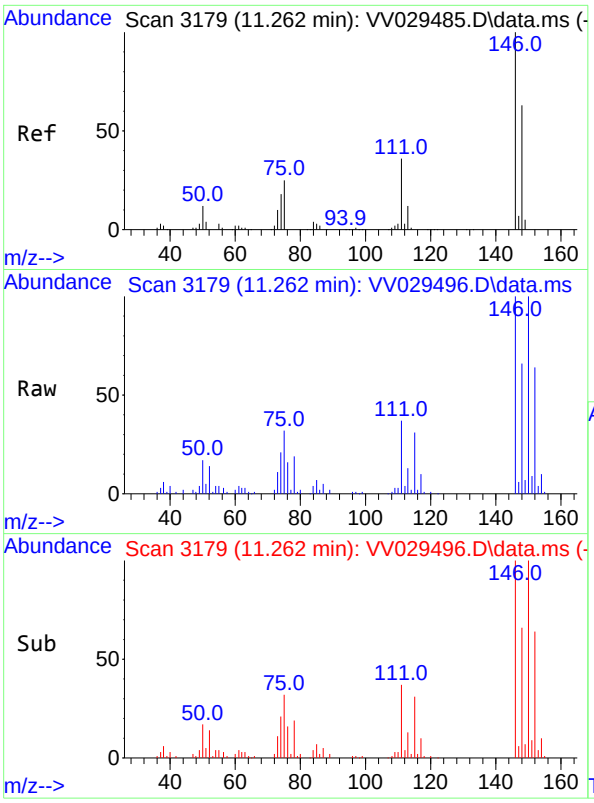


#64
1,3-Dichlorobenzene
Concen: 2.309 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion:146 Resp: 17372

Ion	Ratio	Lower	Upper
146	100		
111	38.0	27.4	51.0
148	60.5	44.6	82.8



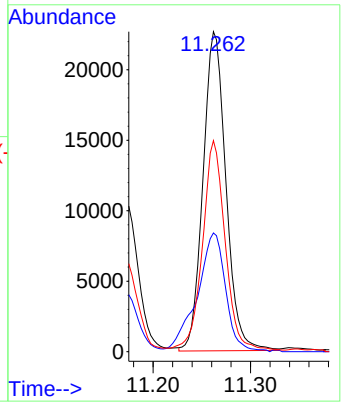


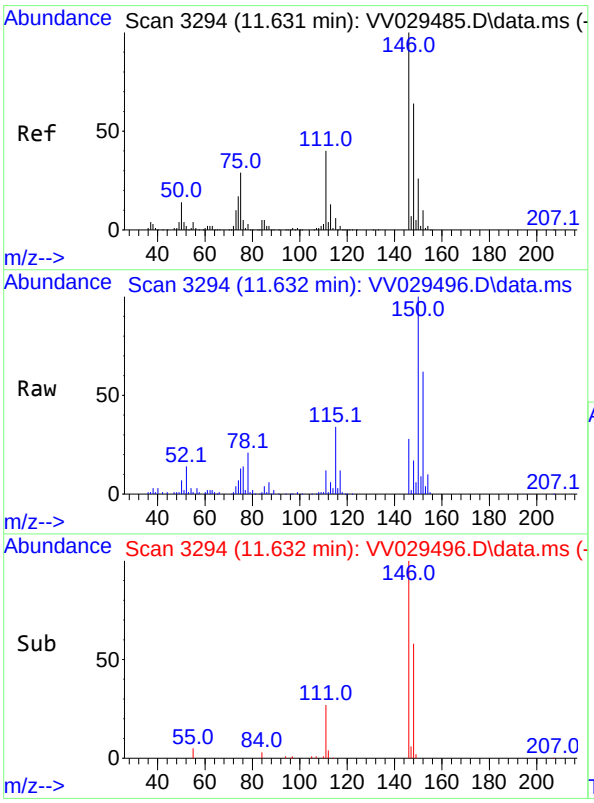
#65
1,4-Dichlorobenzene
Concen: 4.846 ug/L
RT: 11.262 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Instrument :
MSVOA_V
ClientSampleId :
F5N05

Tgt Ion:146 Resp: 37045

Ion	Ratio	Lower	Upper
146	100		
111	37.1	26.2	48.8
148	66.0	44.7	83.1





#67
1,2-Dichlorobenzene
Concen: 2.931 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029496.D
Acq: 09 Dec 2022 00:27

Tgt Ion:146 Resp: 22548

Ion	Ratio	Lower	Upper
146	100		
111	42.4	32.0	48.0
148	61.8	50.6	76.0