Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017349.D
Acq On : 06 Jul 2020 14:05
Operator : SY/MD
Sample : L3154-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4272

Quant Time: Jul 07 01:18:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167331	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160492	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77821	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46053	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.58	69	36679	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.13	63	65534	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	3.92	46	120589	47.11	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.22%			
24) Chloroform-d	4.38	84	101682	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.06	65	56943	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.08	84	179481	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.09	67	52215	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.80%			
41) Toluene-d8	7.34	98	158595	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%			
45) trans-1,3-Dichloropropene-	7.64	79	20308	3.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.20%			
48) 2-Hexanone-d5	8.11	63	81744	41.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.64%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40027	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	68630	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	890	0.079	ug/L	96
5) Vinyl chloride	1.32	62	1305591	118.905	ug/L	100
8) Chloroethane	1.56	64	89946	14.823	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	723	0.082	ug/L #	25
12) 1,1-Dichloroethene	2.14	96	3212	0.400	ug/L #	1
13) Acetone	2.21	43	3646	2.818	ug/L	89
14) Carbon disulfide	2.32	76	1446	0.060	ug/L #	80
16) Methylene chloride	2.52	84	1674	0.195	ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	165019	19.391	ug/L	98
19) 1,1-Dichloroethane	3.22	63	4026	0.211	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	718930	61.778	ug/L	99
33) Benzene	5.13	78	5590	0.133	ug/L	100
34) Trichloroethene	5.94	95	24096	1.958	ug/L	96
35) Methylcyclohexane	6.10	83	14576	0.762	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6406	0.616	ug/L #	86
46) trans-1,3-Dichloropropene	7.65	75	1136	0.085	ug/L	99
50) 2-Hexanone	8.16	43	3281	0.767	ug/L #	44

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017349.D
Acq On : 06 Jul 2020 14:05
Operator : SY/MD
Sample : L3154-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4272

Quant Time: Jul 07 01:18:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017349.D
Acq On : 06 Jul 2020 14:05
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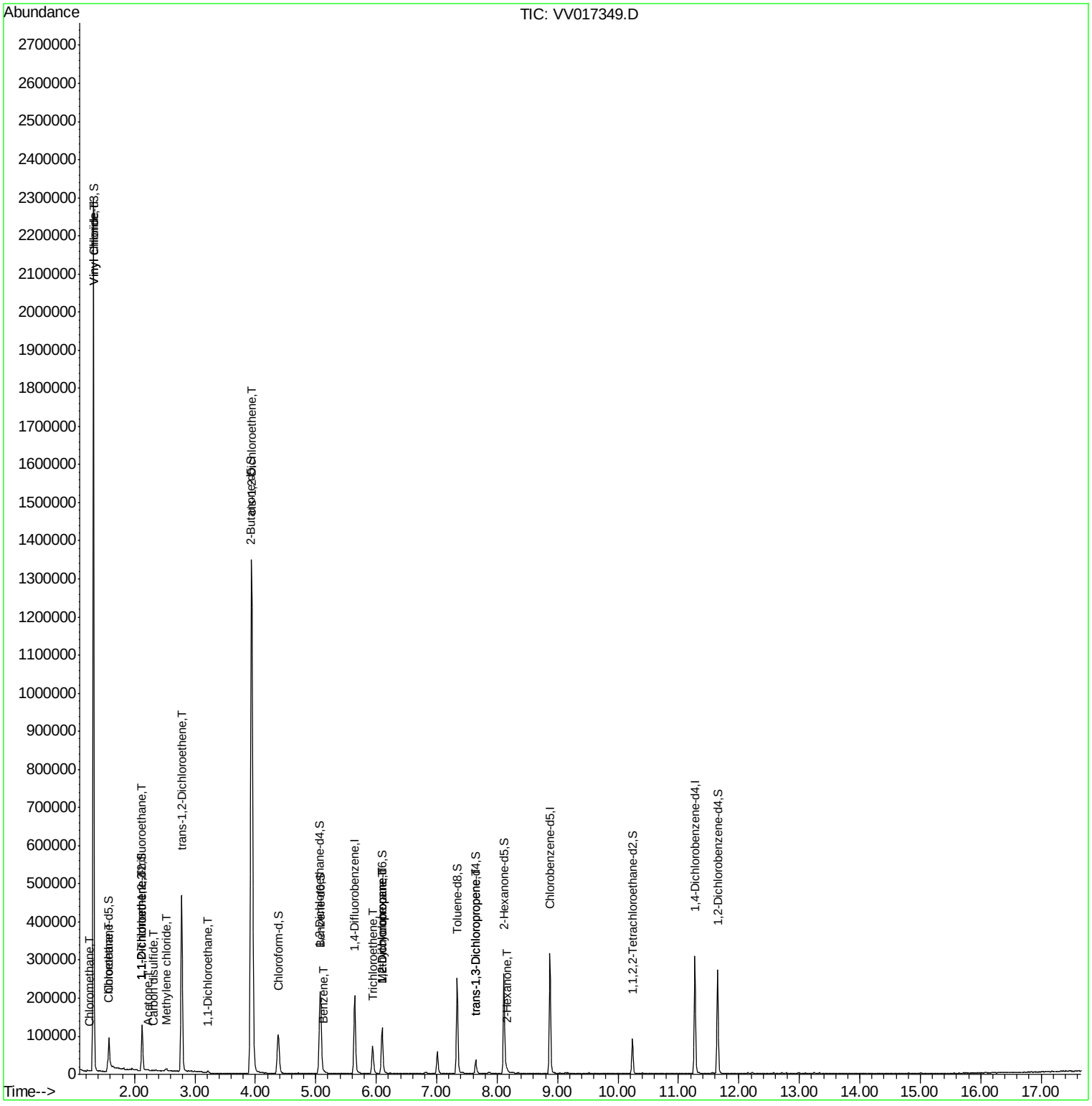
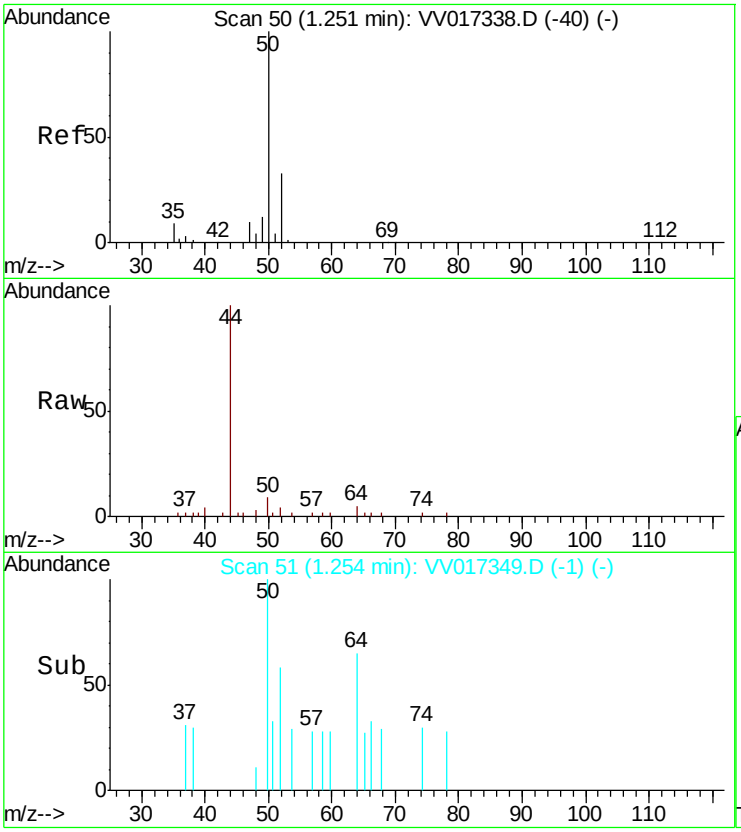
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration



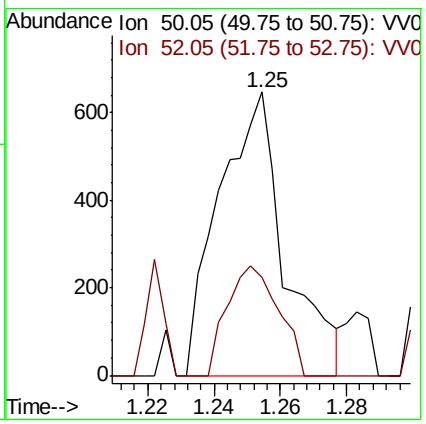


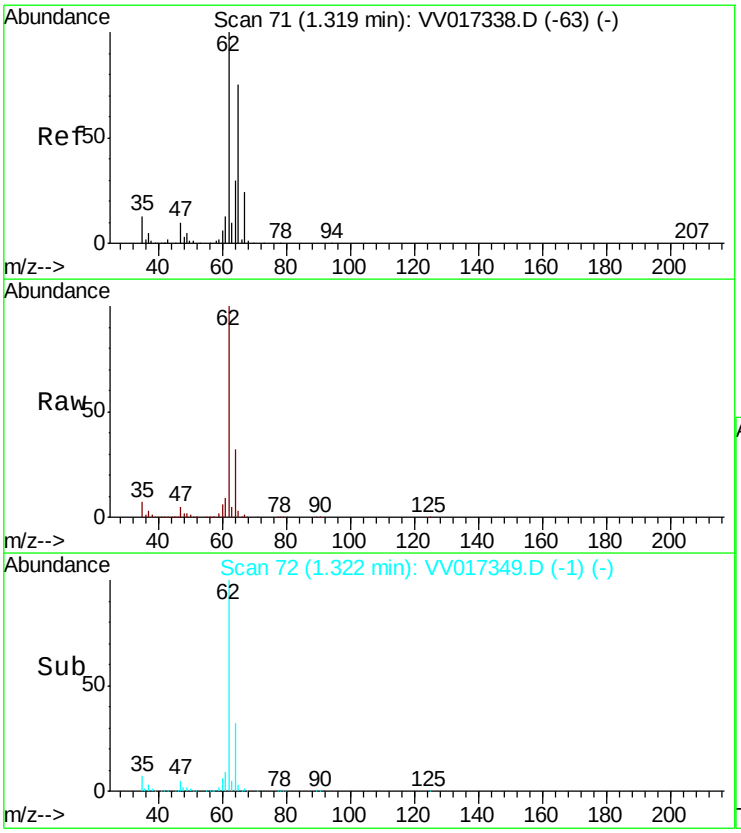
#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument : MSVOA_V
ClientSampleId : H4272

Tgt Ion: 50 Resp: 890

Ion	Ratio	Lower	Upper
50	100		
52	34.6	22.5	41.9

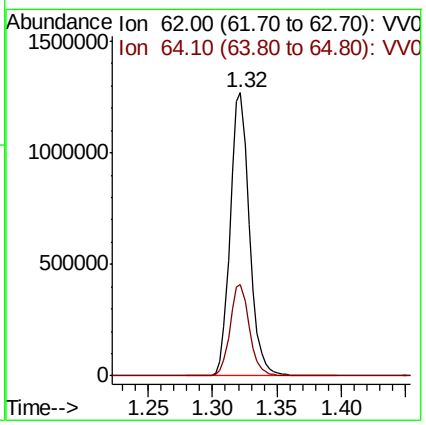


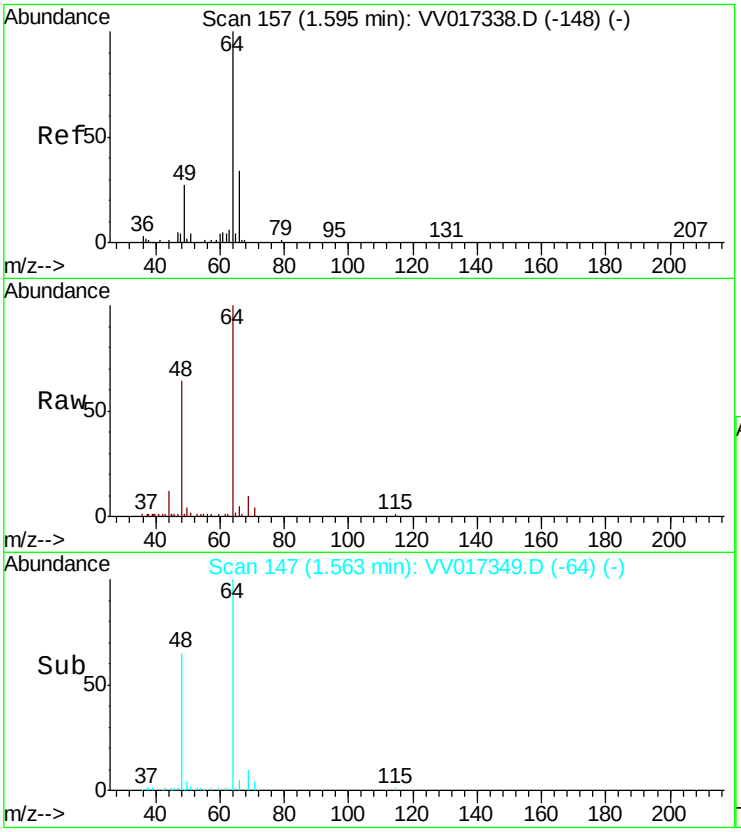


#5
Vinyl chloride
Concen: 118.905 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 62 Resp: 1305591

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.5	41.7



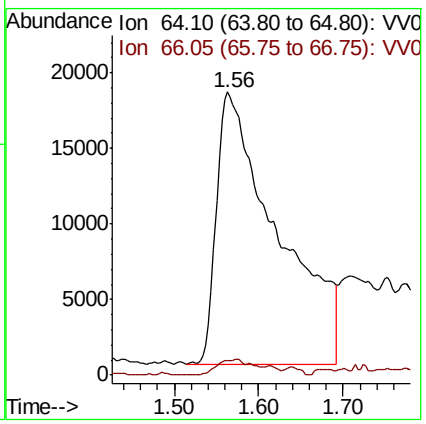


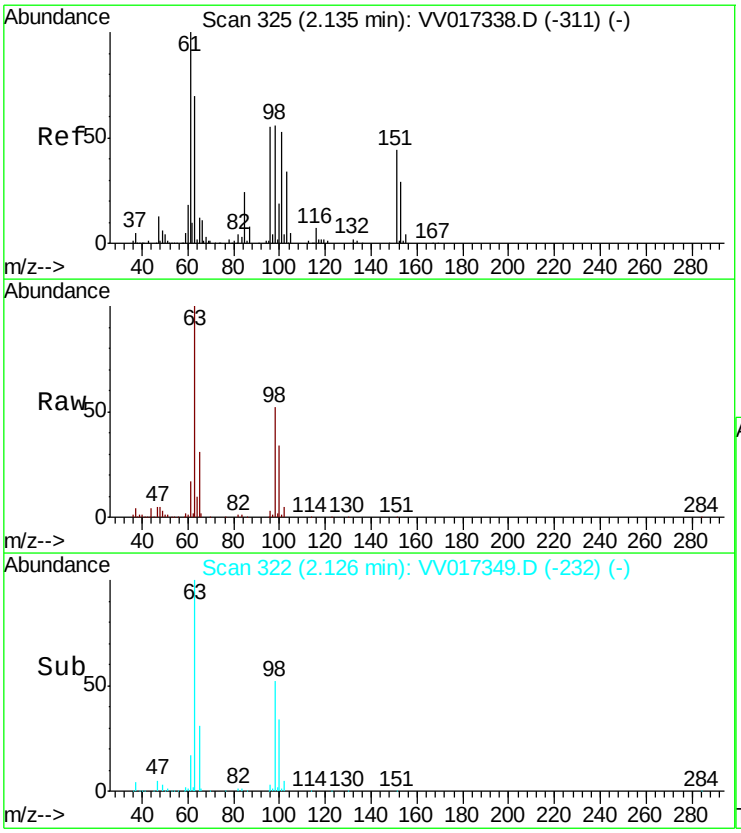
#8
Chloroethane
Concen: 14.823 ug/L
RT: 1.56 min Scan# 147
Delta R.T. -0.03 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
H4272

Tgt Ion: 64 Resp: 89946

Ion	Ratio	Lower	Upper
64	100		
66	5.1	22.8	42.4#

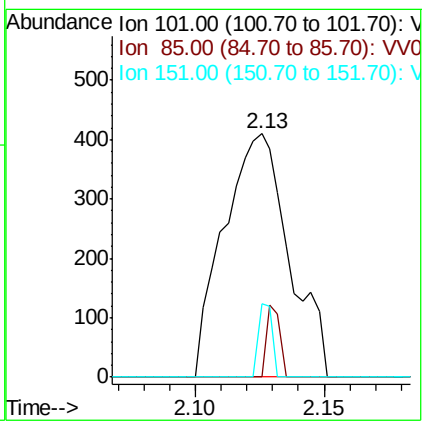


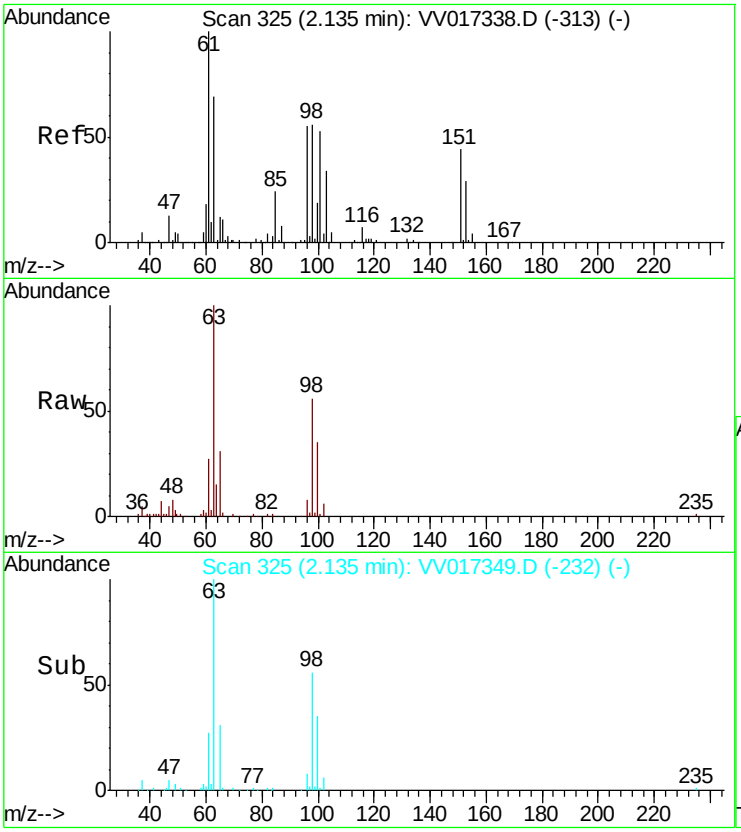


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.082 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion:101 Resp: 723

Ion	Ratio	Lower	Upper
101	100		
85	6.1	35.4	53.2#
151	6.5	63.9	95.9#



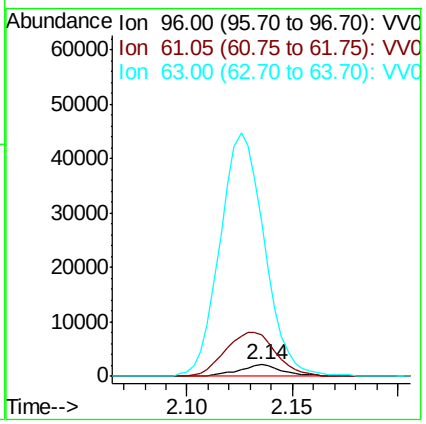


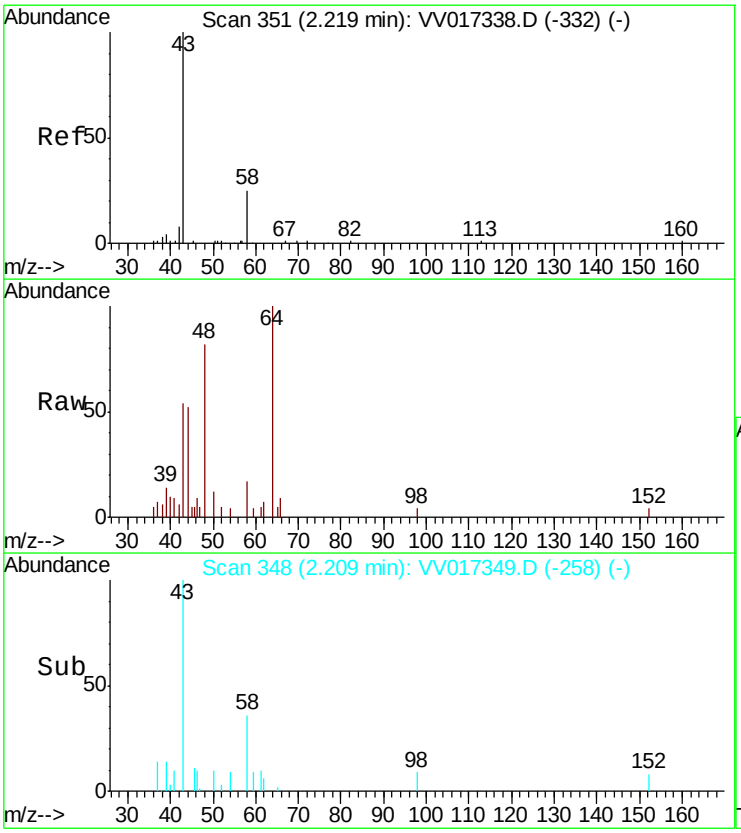
#12
1,1-Dichloroethene
Concen: 0.400 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument : MSVOA_V
ClientSampleId : H4272

Tgt Ion: 96 Resp: 3212

Ion	Ratio	Lower	Upper
96	100		
61	347.4	125.0	232.2#
63	1294.8	109.8	203.8#

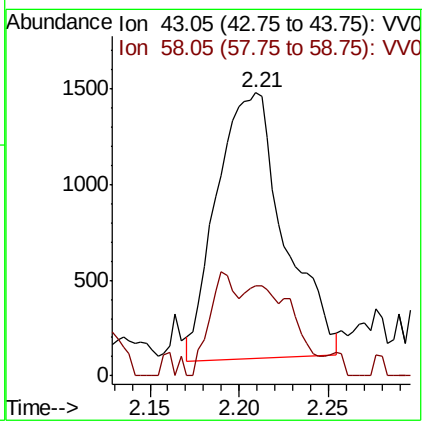


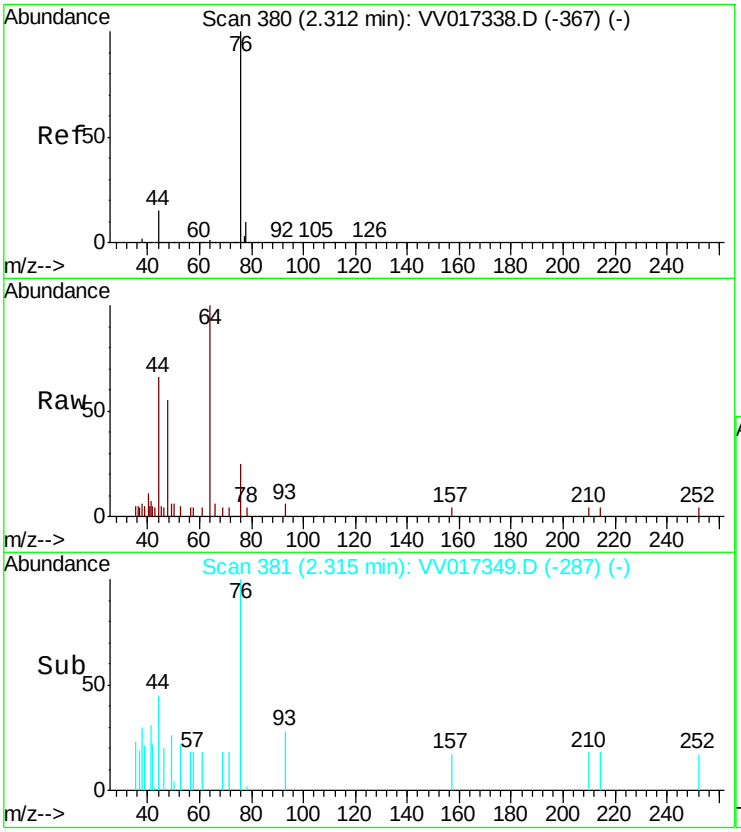


#13
Acetone
Concen: 2.818 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.01 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 43 Resp: 3646

Ion	Ratio	Lower	Upper
43	100		
58	23.6	0.0	58.4



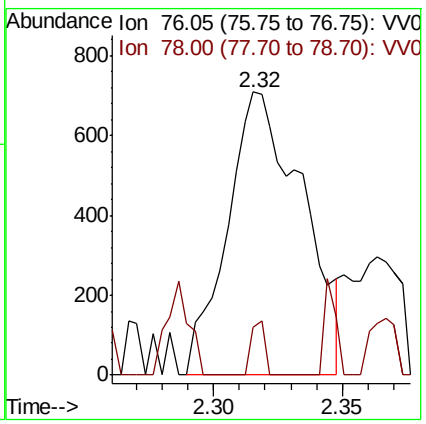


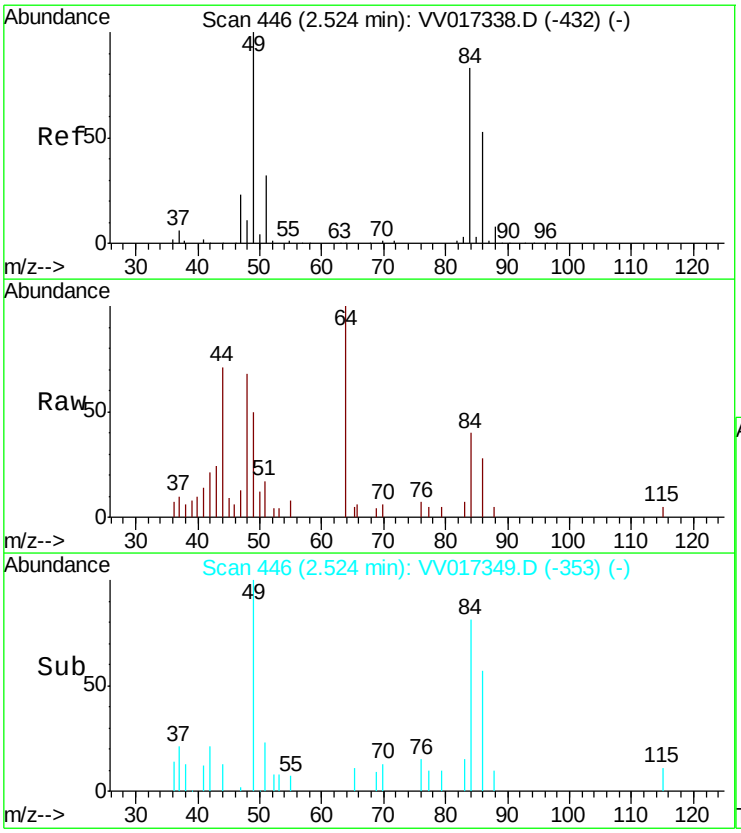
#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
H4272

Tgt Ion: 76 Resp: 1446

Ion	Ratio	Lower	Upper
76	100		
78	17.1	7.7	11.5#

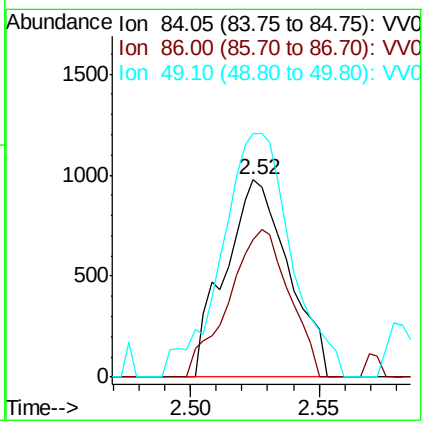


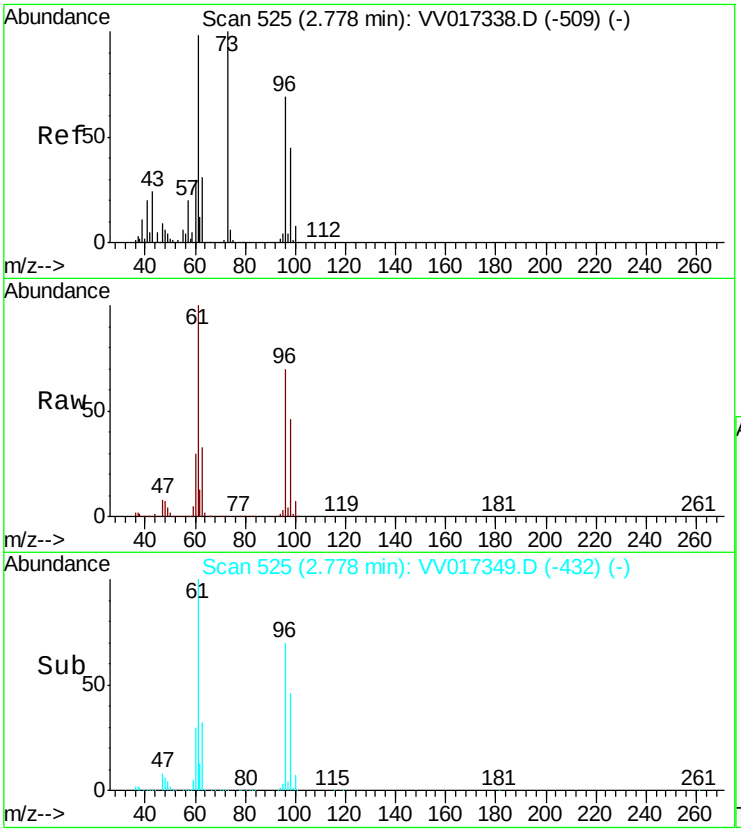


#16
Methylene chloride
Concen: 0.195 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 84 Resp: 1674

Ion	Ratio	Lower	Upper
84	100		
86	69.7	45.8	85.0
49	123.1	89.6	166.4



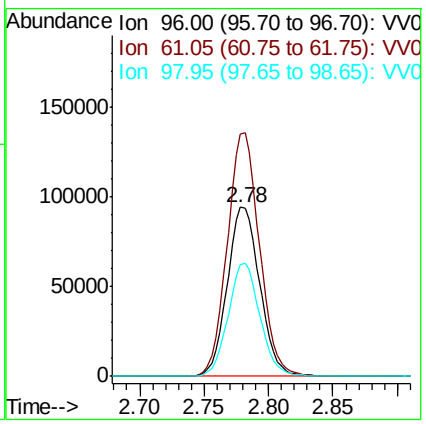


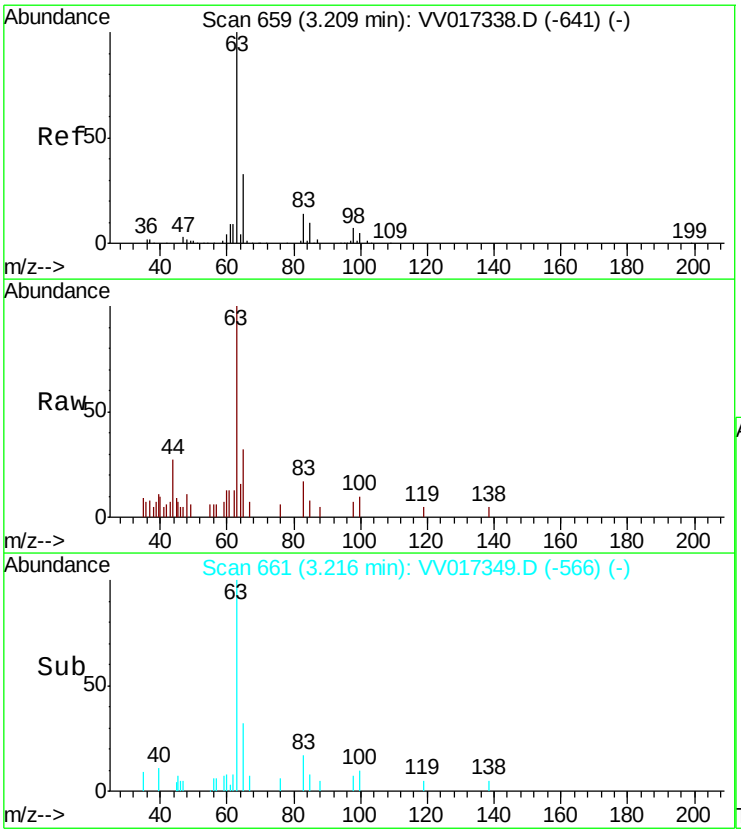
#18
trans-1,2-Dichloroethene
Concen: 19.391 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument : MSVOA_V
ClientSampleId : H4272

Tgt Ion: 96 Resp: 165019

Ion	Ratio	Lower	Upper
96	100		
61	143.7	102.3	189.9
98	65.9	44.7	82.9

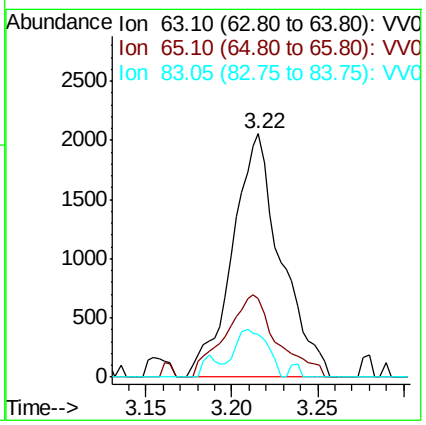


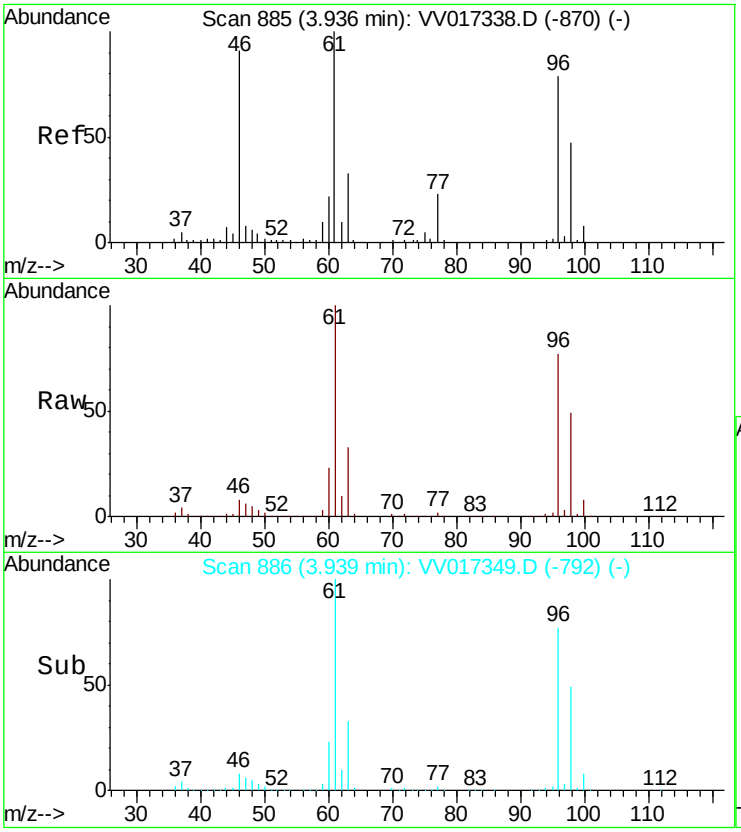


#19
1,1-Dichloroethane
Concen: 0.211 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 63 Resp: 4026

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.4
83	17.3	9.7	17.9



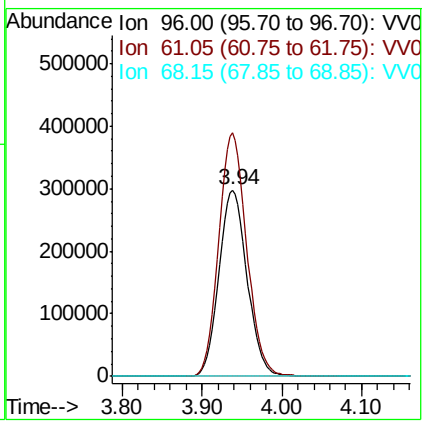


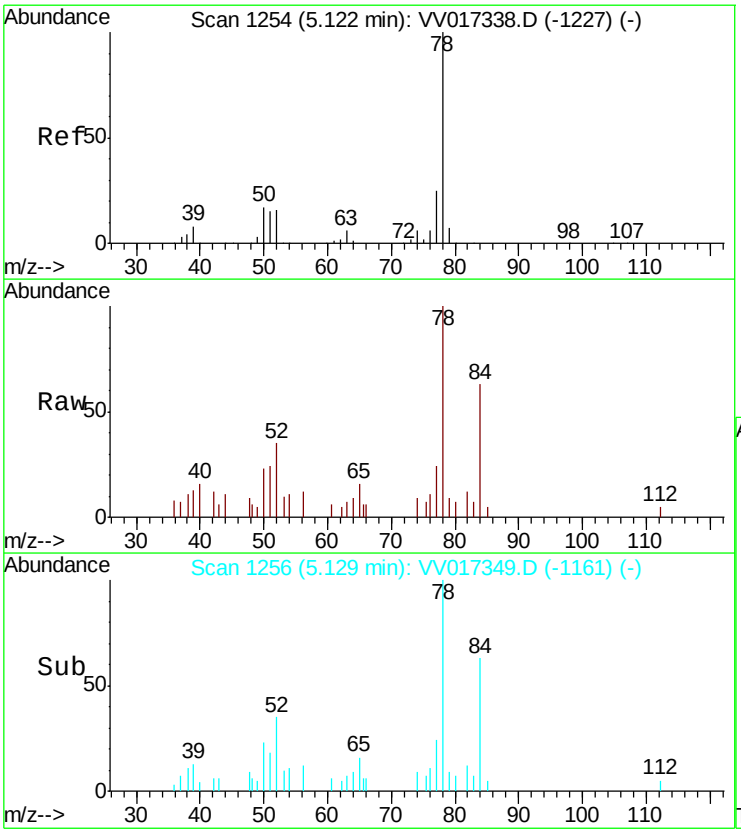
#22
cis-1,2-Dichloroethene
Concen: 61.778 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
H4272

Tgt Ion: 96 Resp: 718930

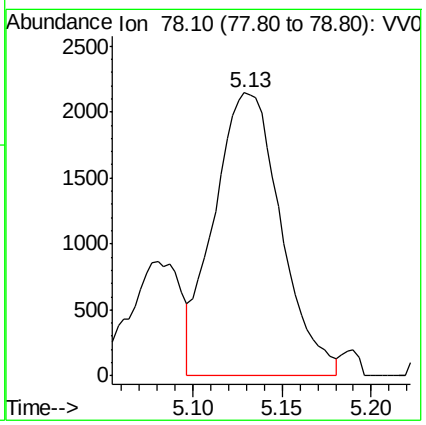
Ion	Ratio	Lower	Upper
96	100		
61	130.7	91.0	169.0
68	0.0	0.0	0.0

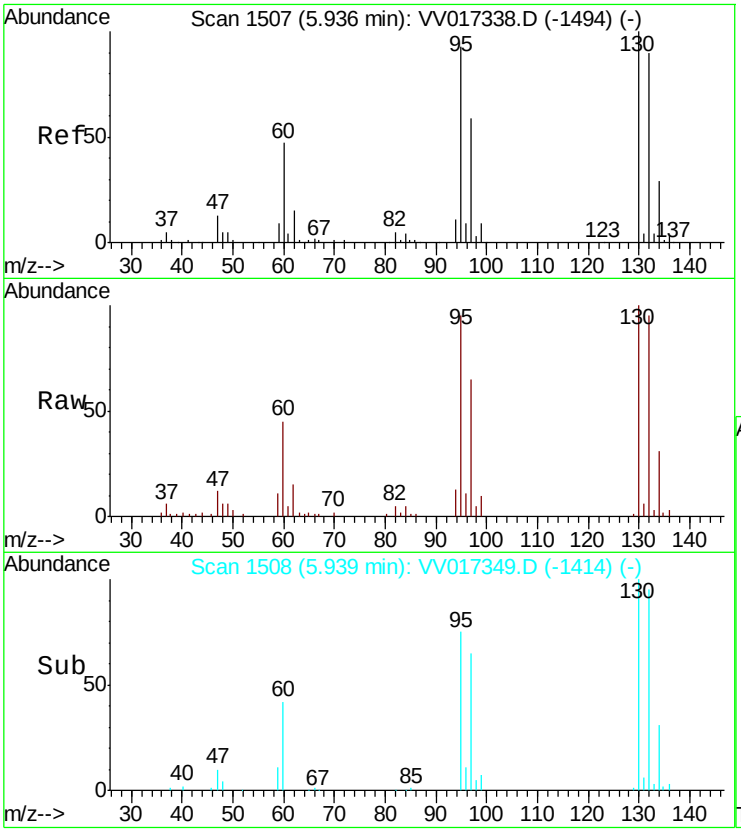




#33
Benzene
Concen: 0.133 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 78 Resp: 5590



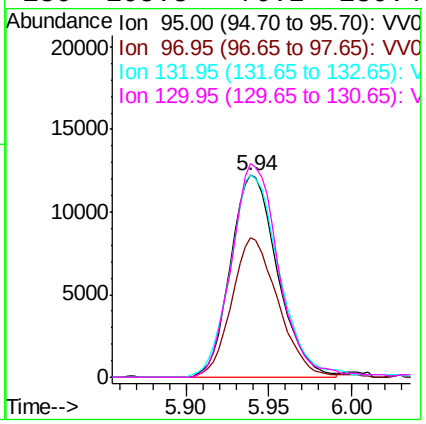


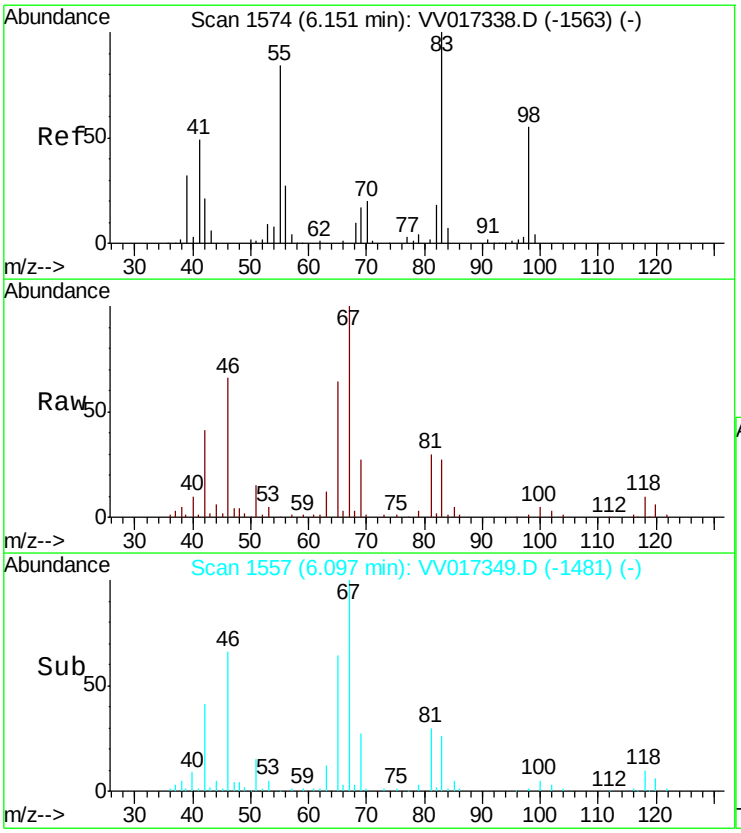
#34
Trichloroethene
Concen: 1.958 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
H4272

Tgt Ion: 95 Resp: 24096

Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.3	84.1
132	100.2	68.8	127.8
130	105.8	70.2	130.4

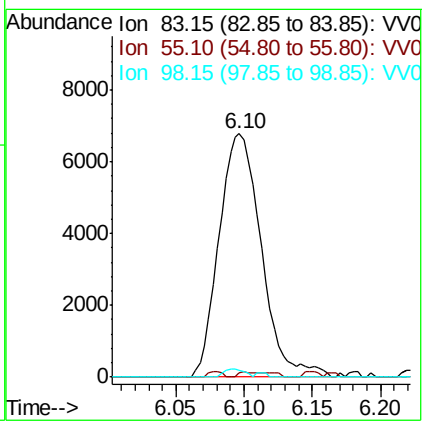


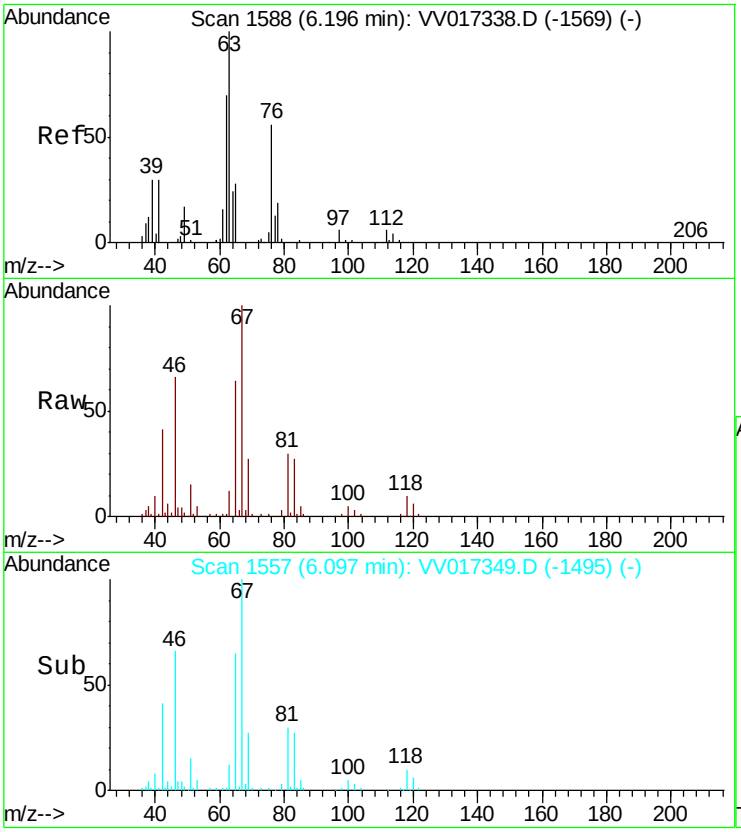


#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 83 Resp: 14576

Ion	Ratio	Lower	Upper
83	100		
55	1.6	63.6	95.4#
98	1.6	38.8	58.2#



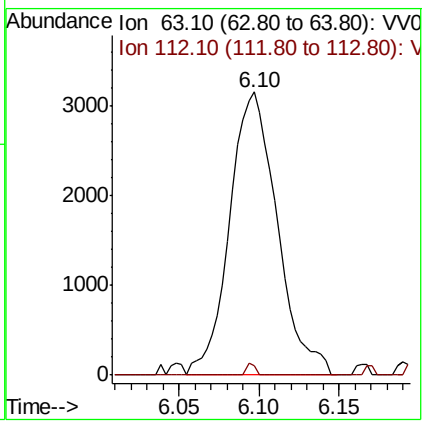


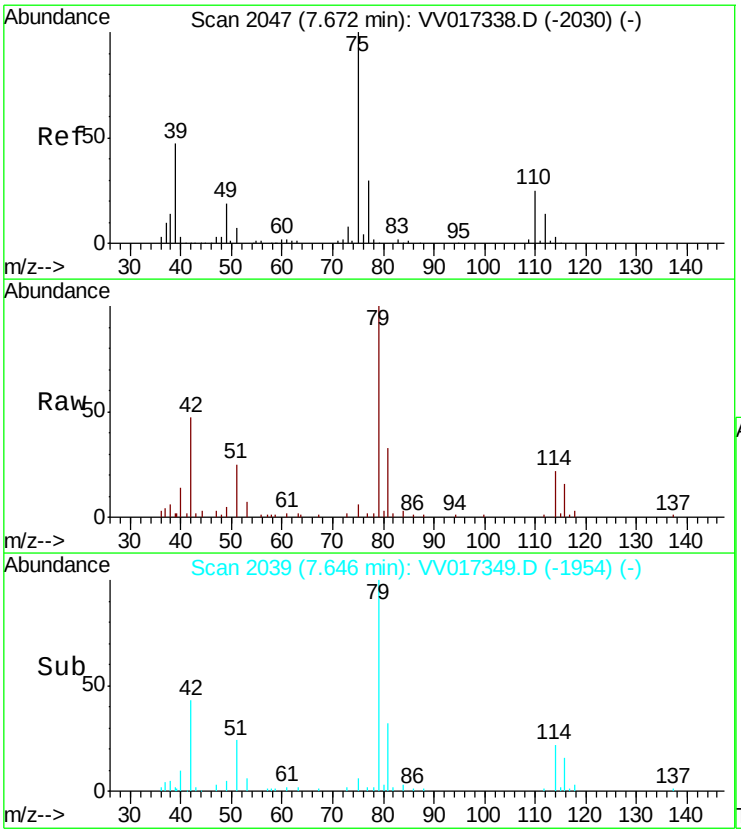
#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
H4272

Tgt Ion: 63 Resp: 6406

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.4	6.6#

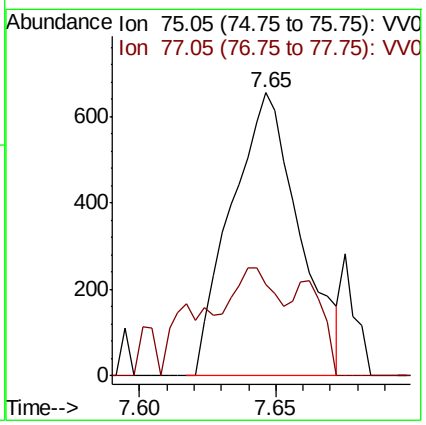


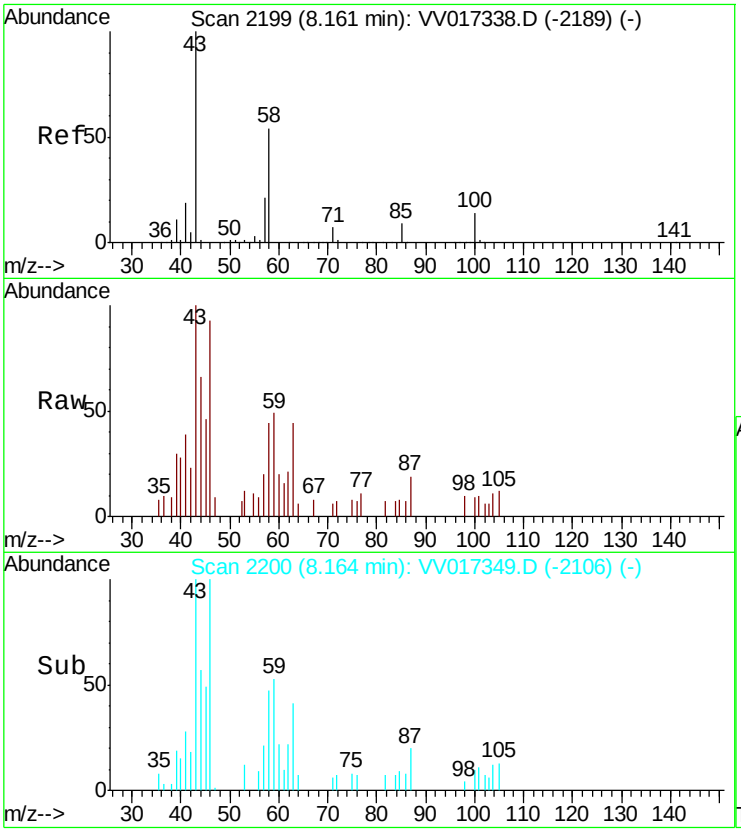


#46
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Tgt Ion: 75 Resp: 1136

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.3	41.3





#50
2-Hexanone
Concen: 0.767 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017349.D
Acq: 06 Jul 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
H4272

Tgt Ion: 43 Resp: 3281

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.6	62.4#
57	0.0	15.4	23.0#
100	13.5	10.1	15.1