

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017938.D
 Acq On : 12 Aug 2020 19:31
 Operator : SY/MD
 Sample : L3644-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M08

Quant Time: Aug 13 04:40:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250273	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109318	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87907	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.08%
7) Chloroethane-d5	1.58	69	77027	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.12	63	130800	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	3.91	46	126620	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	4.38	84	166981	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	5.06	65	116691	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.08	84	336733	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.09	67	111308	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.34	98	294580	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%
43) trans-1,3-Dichloropropene-	7.64	79	47325	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.11	63	64824	92.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136731	48.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	115502	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

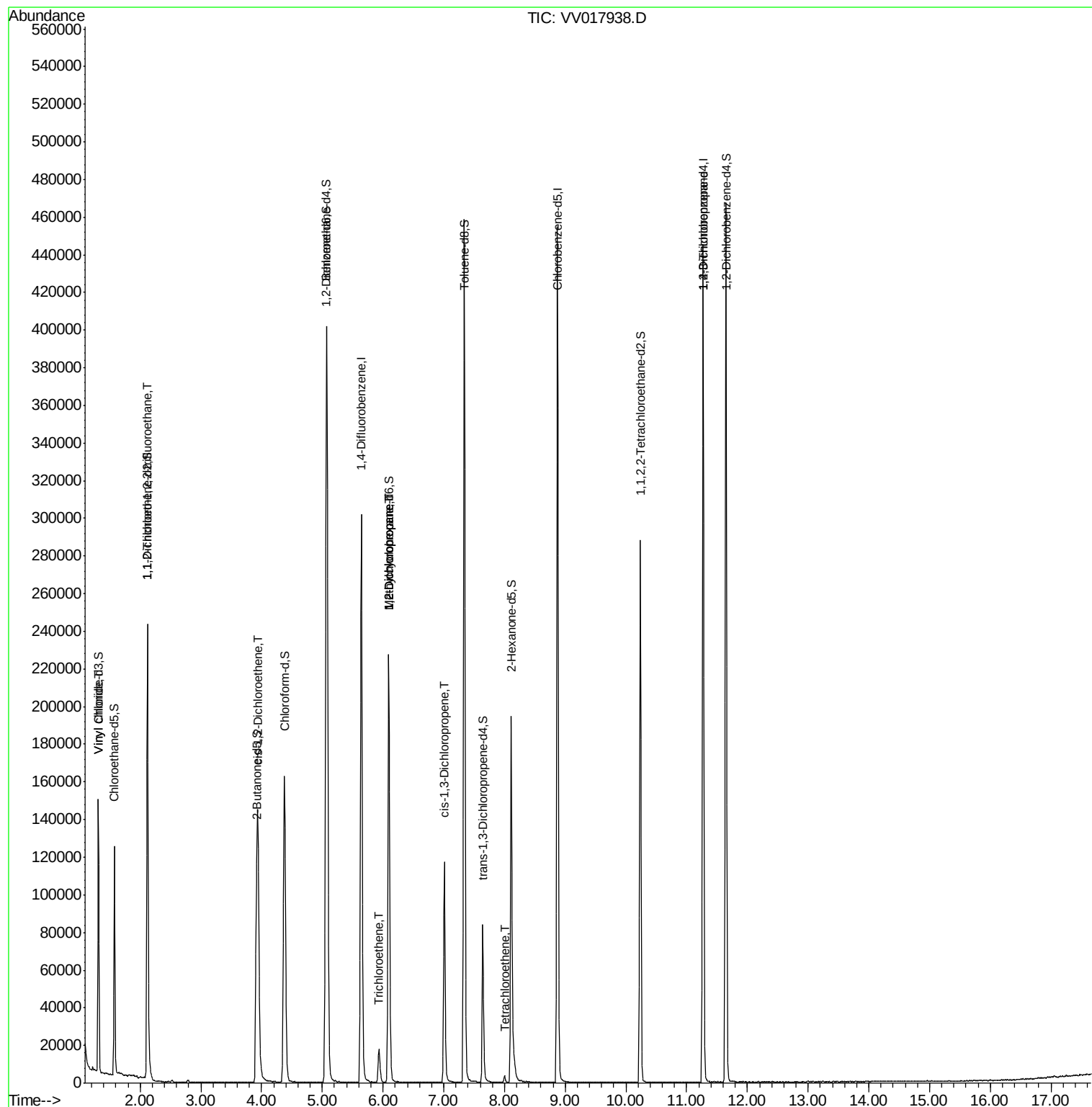
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2854	1.283	ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1163	0.656	ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	62791	33.110	ug/L	98
34) Trichloroethene	5.94	95	2688	1.359	ug/L	94
35) Methylcyclohexane	6.10	83	26369	8.967	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11866	5.815	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2673	0.924	ug/L #	76
46) Tetrachloroethene	8.00	164	815	0.562	ug/L	91
59) 1,2,3-Trichloropropane	11.27	75	13571	5.385	ug/L	91

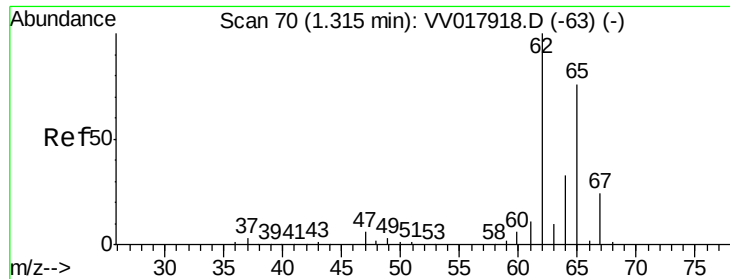
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.283 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

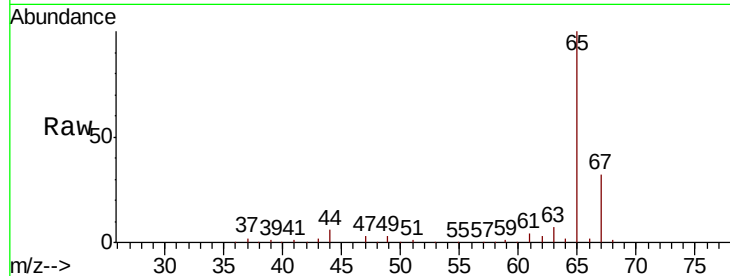
F2M08

Tot Ion: 62 Resp: 2854

Ion Ratio Lower Upper

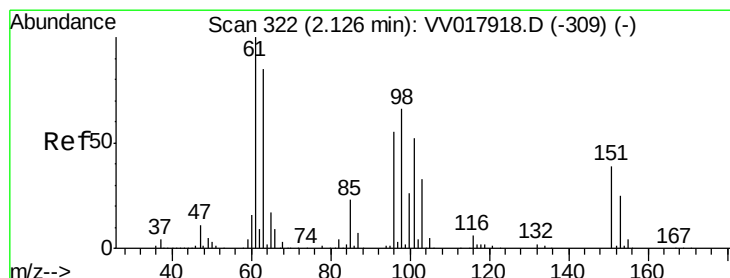
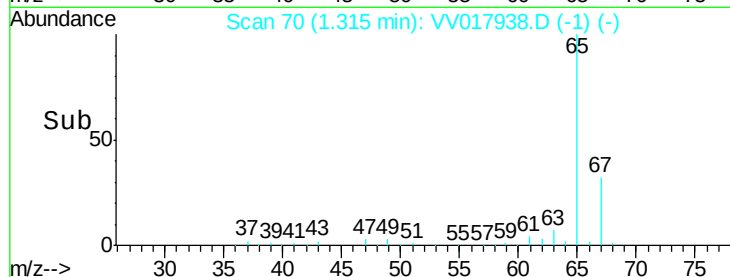
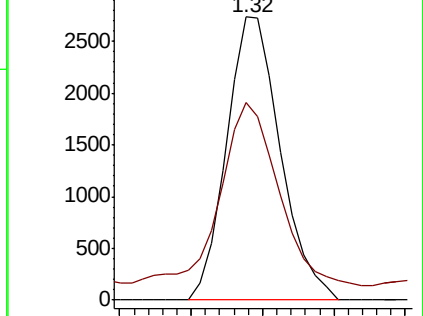
62 100

64 70.0 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.656 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

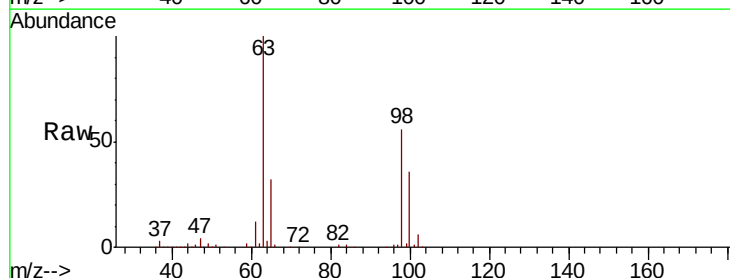
Tgt Ion: 101 Resp: 1163

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

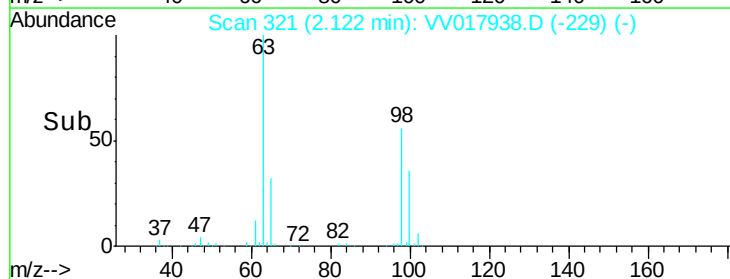
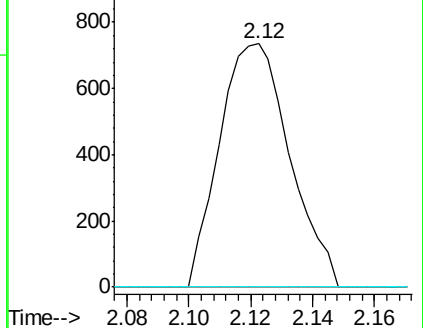
151 0.0 59.1 88.7#

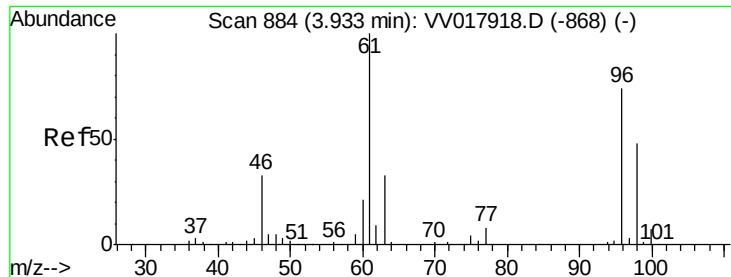


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

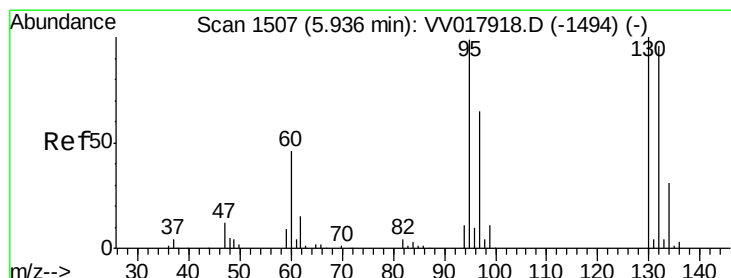
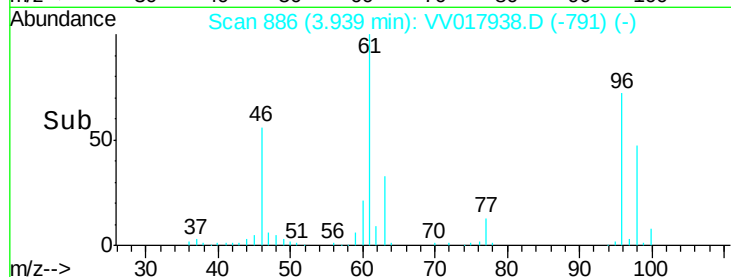
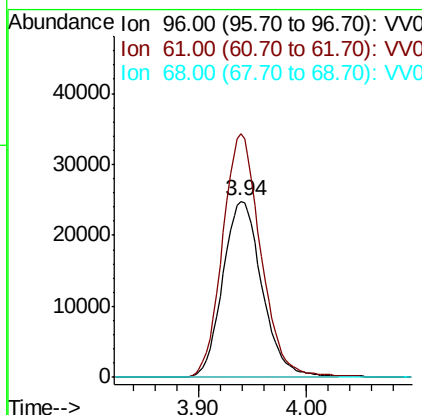
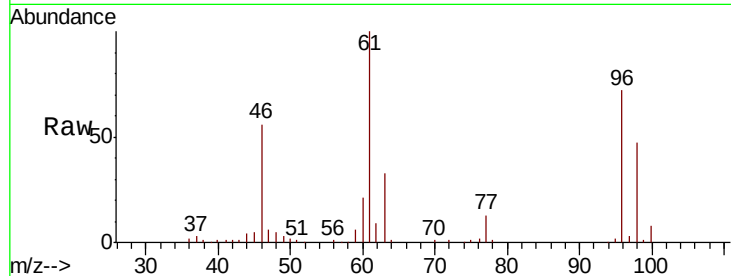




#20
 cis-1,2-Dichloroethene
 Concen: 33.110 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017938.D
 Acq: 12 Aug 2020 19:31

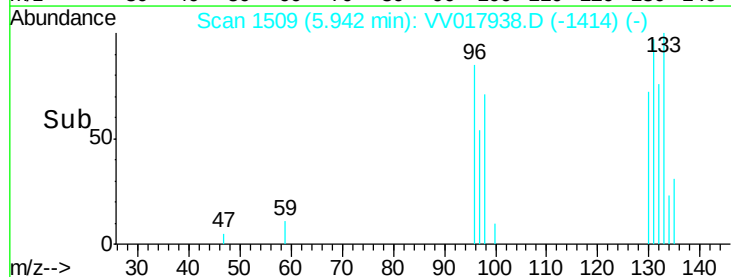
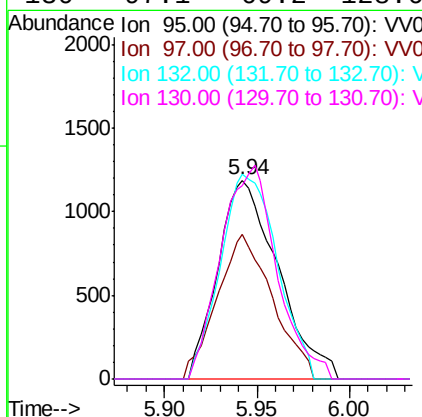
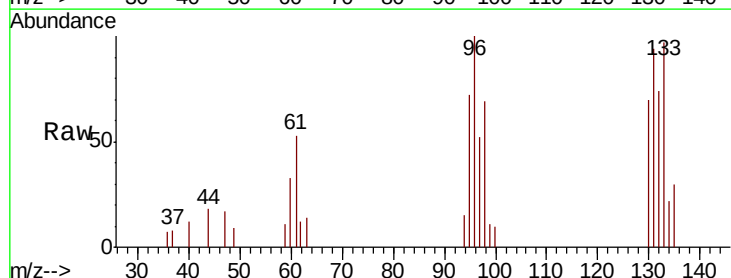
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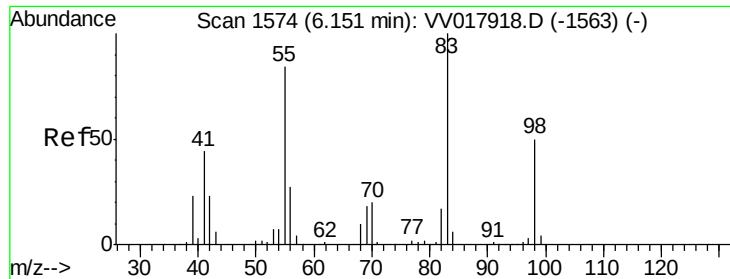
Tot Ion: 96 Resp: 62791
 Ion Ratio Lower Upper
 96 100
 61 138.4 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.359 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017938.D
 Acq: 12 Aug 2020 19:31

Tgt Ion: 95 Resp: 2688
 Ion Ratio Lower Upper
 95 100
 97 72.6 46.0 85.4
 132 102.8 65.8 122.2
 130 97.1 69.2 128.6

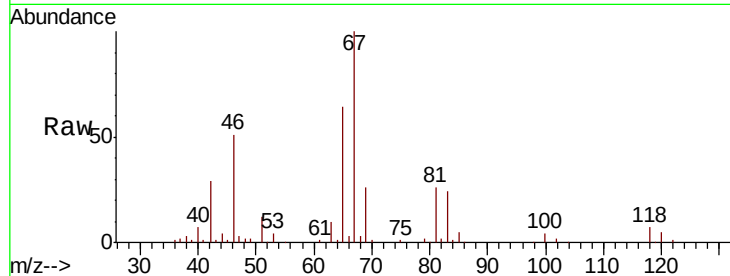




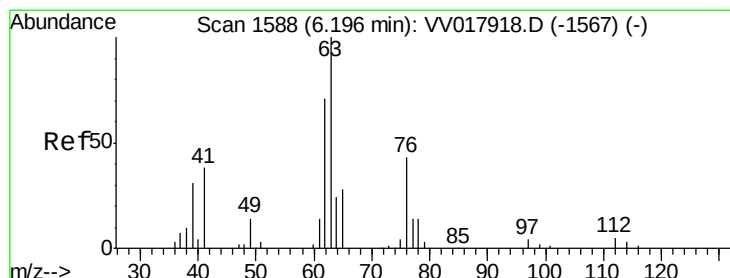
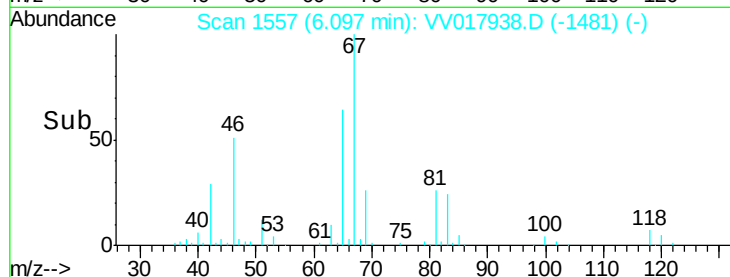
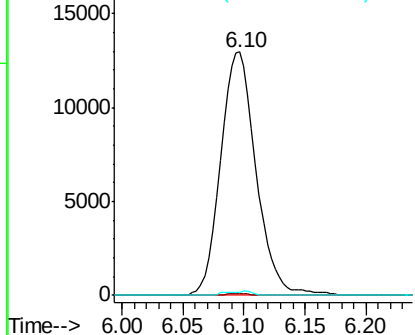
#35
Methylvlcyclohexane
Concen: 8.967 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017938.D
Acq: 12 Aug 2020 19:31

Instrument :
MSVOA_V
ClientSampleId :
F2M08

Tot Ion: 83 Resp: 26369
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 0.9 38.7 58.1#

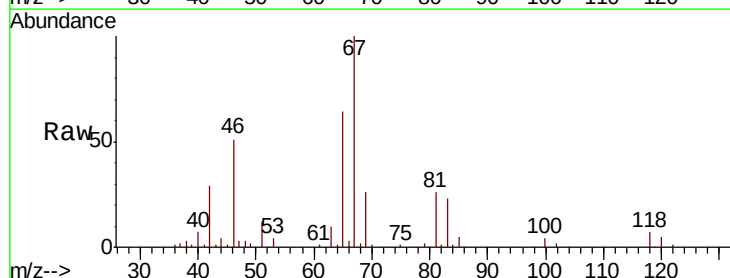


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

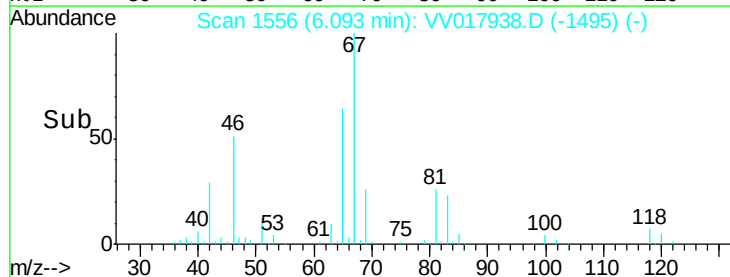
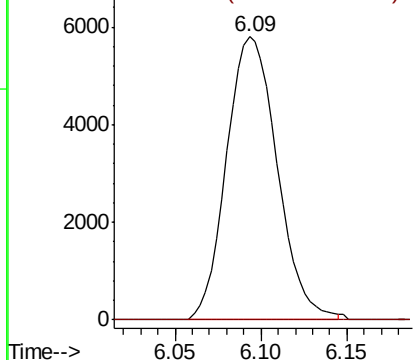


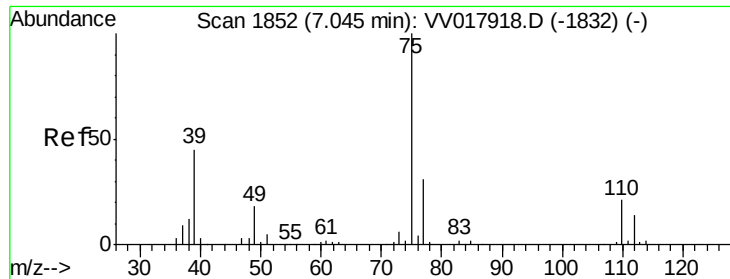
#37
1,2-Dichloropropane
Concen: 5.815 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017938.D
Acq: 12 Aug 2020 19:31

Tgt Ion: 63 Resp: 11866
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

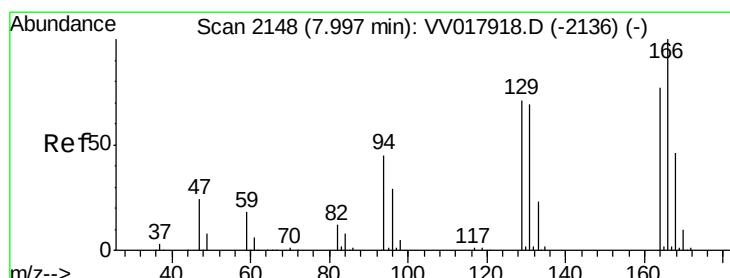
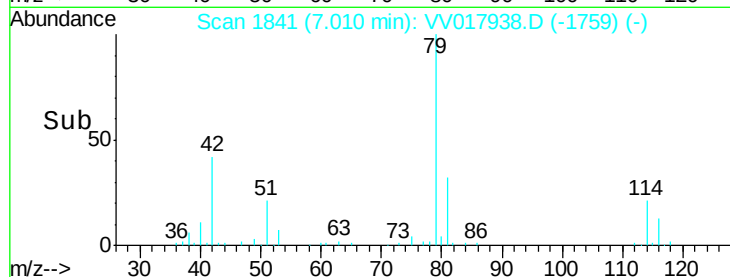
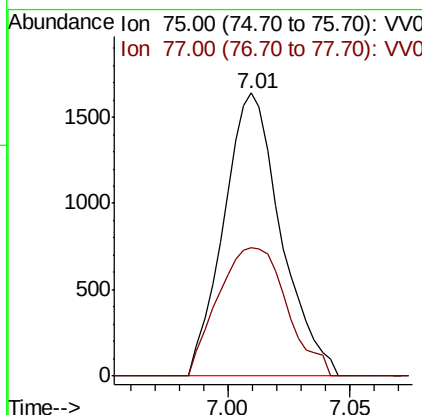
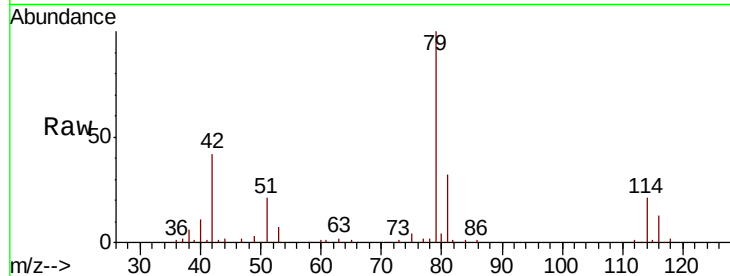




#39
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017938.D
 Acq: 12 Aug 2020 19:31

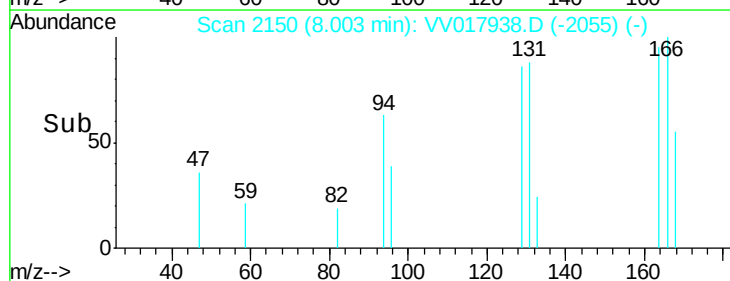
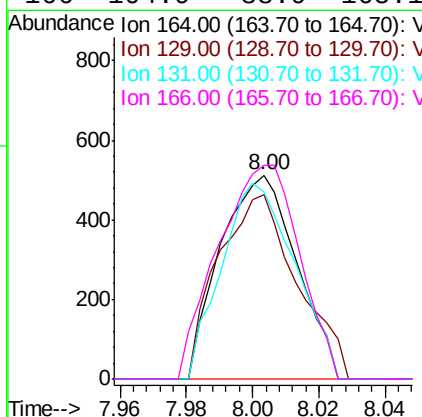
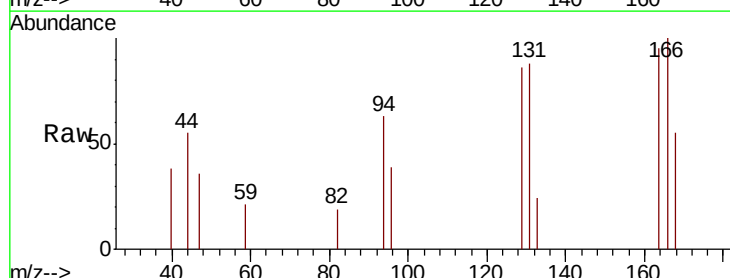
Instrument :
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 ClientSampleId :
 F2M08

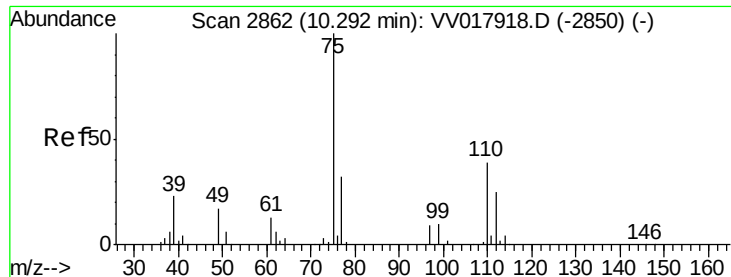
Tot Ion: 75 Resp: 2673
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 0.562 ug/L
 RT: 8.00 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: VV017938.D
 Acq: 12 Aug 2020 19:31

Tgt Ion: 164 Resp: 815
 Ion Ratio Lower Upper
 164 100
 129 90.4 64.8 120.3
 131 92.0 64.5 119.9
 166 104.9 88.9 165.1





#59

1,2,3-Trichloropropane

Concen: 5.385 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

F2M08

Tot Ion: 75 Resp: 13571

Ion Ratio Lower Upper

75 100

77 37.3 25.7 38.5

