

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017877.D
 Acq On : 09 Aug 2020 00:26
 Operator : SY/MD
 Sample : L3608-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

Quant Time: Aug 10 05:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222755	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58272	50.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.30%
7) Chloroethane-d5	1.58	69	50556	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.46%
11) 1,1-Dichloroethene-d2	2.12	63	101463	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.42%
21) 2-Butanone-d5	3.91	46	76582	106.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.31%
24) Chloroform-d	4.38	84	148101	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.05	65	115353	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.07	84	258528	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.09	67	67364	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.34	98	248810	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%
43) trans-1,3-Dichloropropene-	7.64	79	36468	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.11	63	46303	102.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98349	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	117819	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

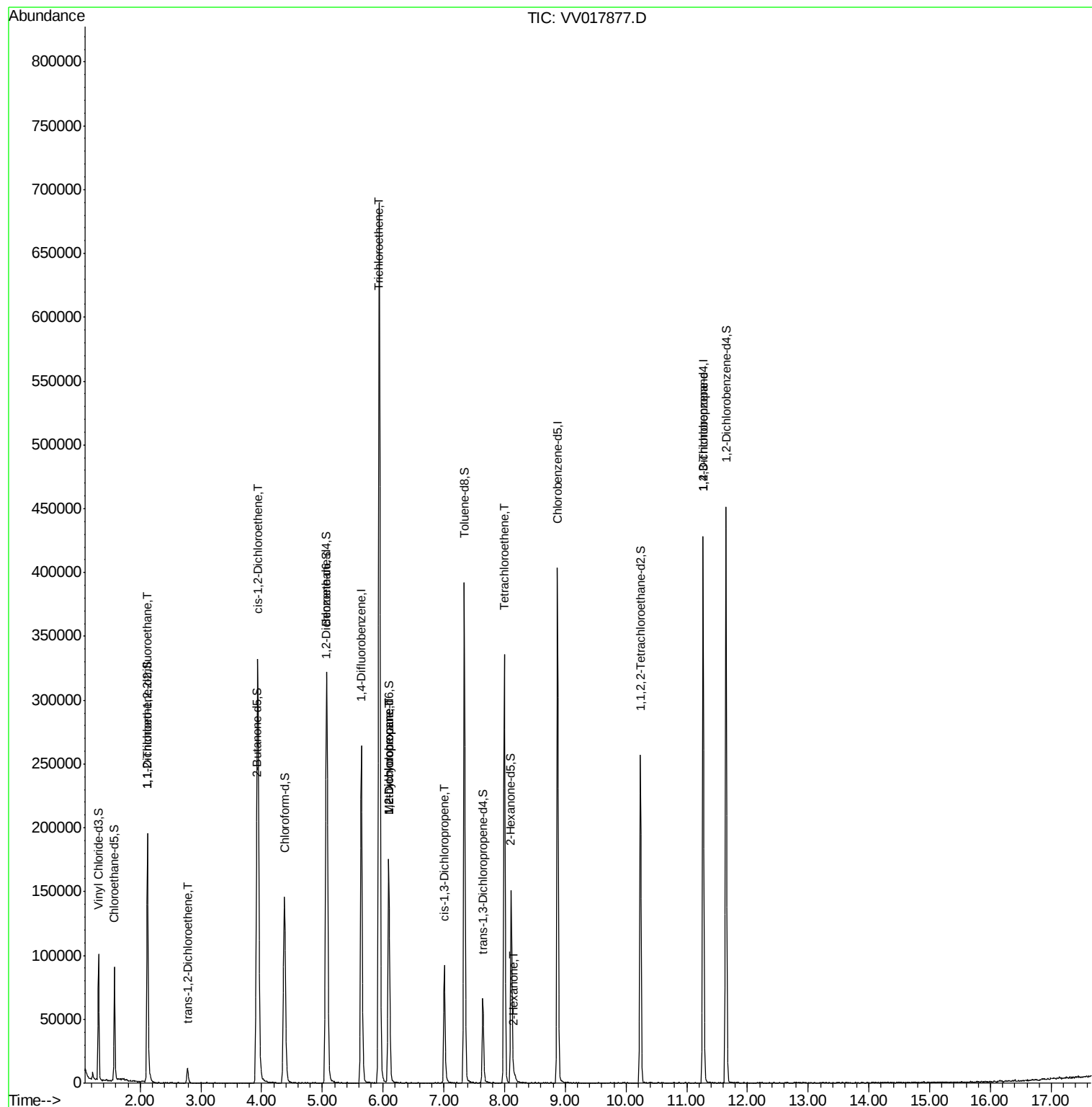
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1015	0.713 ug/L #	14
17) trans-1,2-Dichloroethene	2.78	96	4256	3.177 ug/L	78
20) cis-1,2-Dichloroethene	3.94	96	176428	121.957 ug/L	96
34) Trichloroethene	5.94	95	222144	145.344 ug/L	99
35) Methylcyclohexane	6.10	83	21681	9.961 ug/L #	22
37) 1,2-Dichloropropane	6.10	63	10299	9.308 ug/L #	79
39) cis-1,3-Dichloropropene	7.01	75	2537	1.333 ug/L #	72
46) Tetrachloroethene	8.00	164	75971	52.737 ug/L	97
48) 2-Hexanone	8.16	43	2817	2.331 ug/L #	63
59) 1,2,3-Trichloropropane	11.27	75	9589	5.628 ug/L #	79

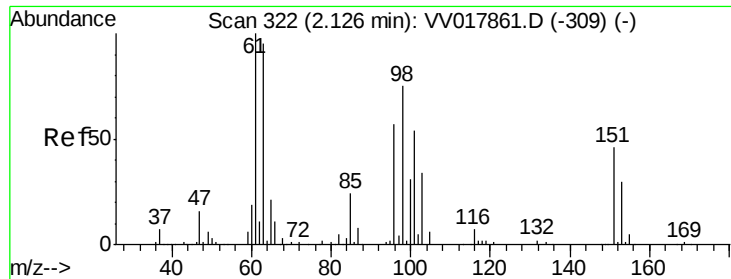
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#10

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

Concen: 0.713 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV017877.D

Acq: 09 Aug 2020 00:26

Instrument :

MSVOA_V

ClientSampled :

F2L95

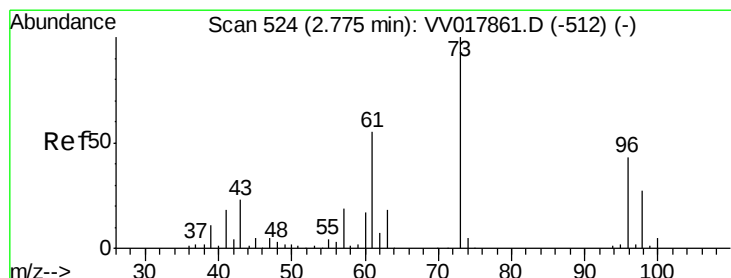
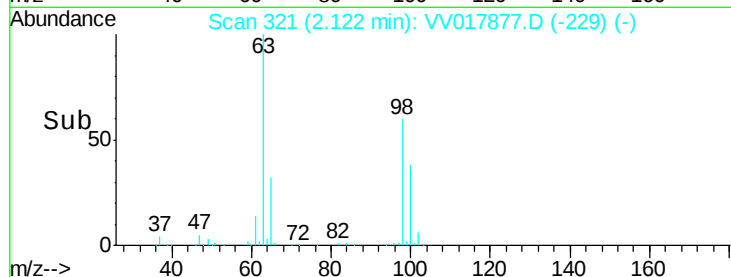
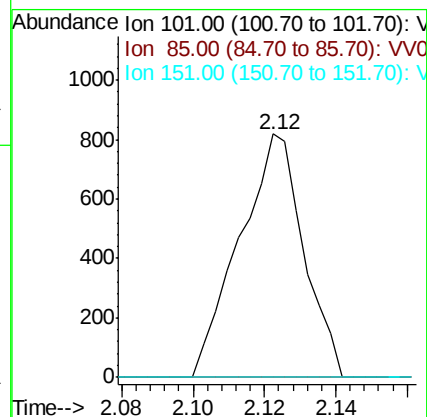
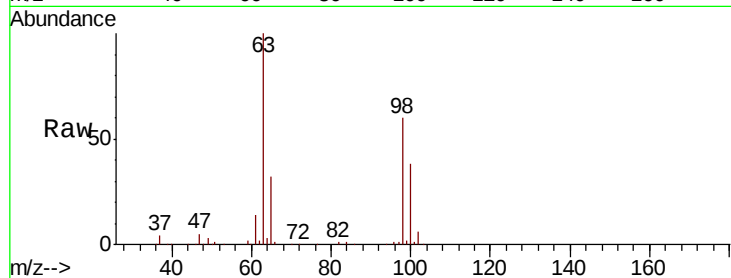
Tot Ion:101 Resp: 1015

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#



#17

trans-1,2-Dichloroethene

Concen: 3.177 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017877.D

Acq: 09 Aug 2020 00:26

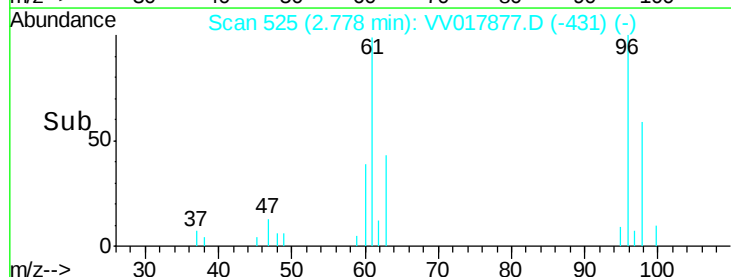
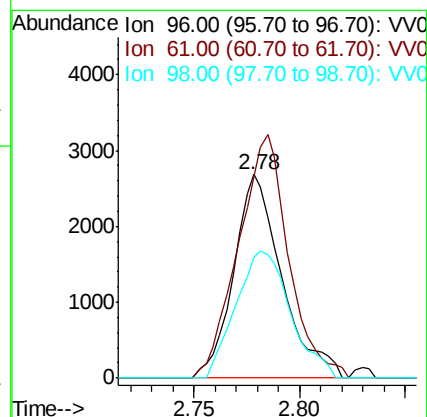
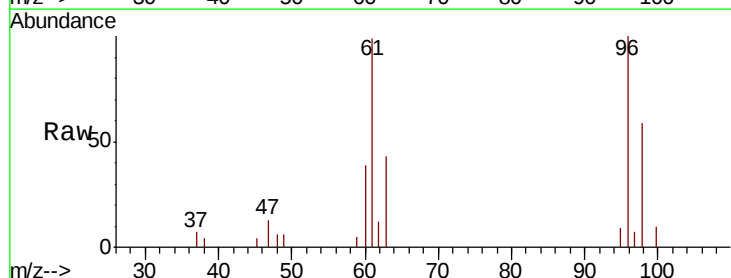
Tgt Ion: 96 Resp: 4256

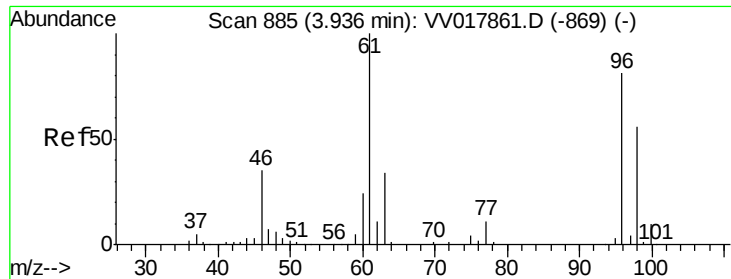
Ion Ratio Lower Upper

96 100

61 99.0 92.4 171.6

98 59.0 47.5 88.1

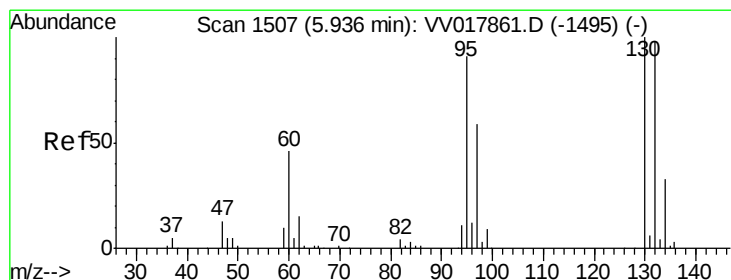
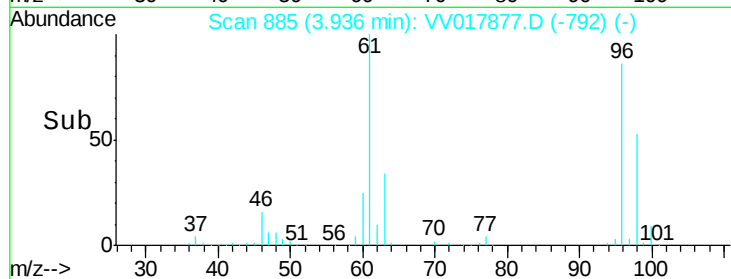
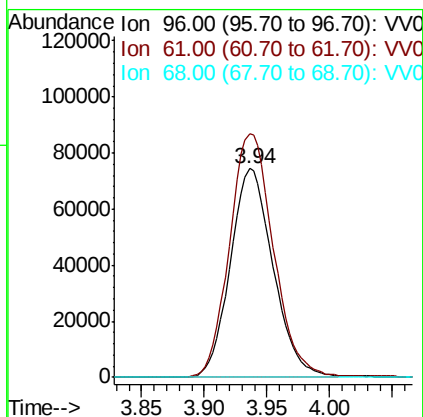
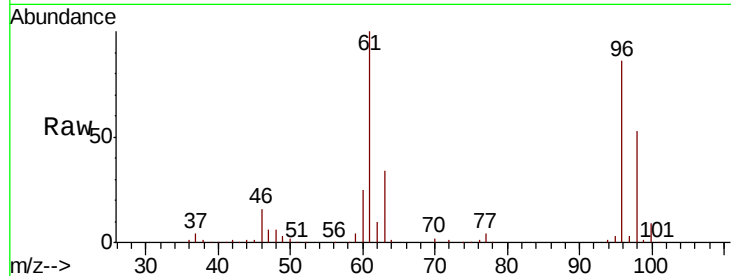




#20
cis-1,2-Dichloroethene
Concen: 121.957 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017877.D
Acq: 09 Aug 2020 00:26

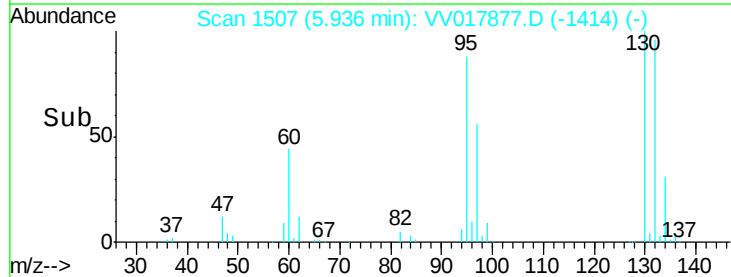
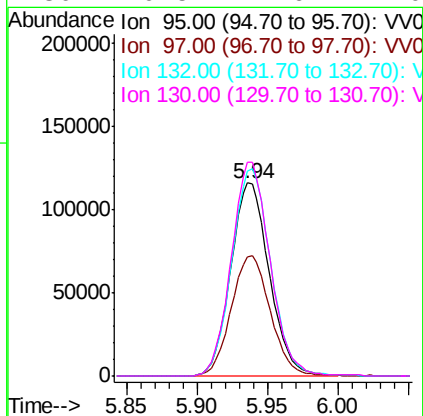
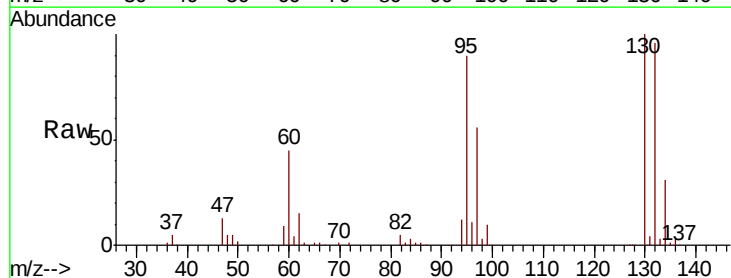
Instrument :
MSVOA_V
ClientSampleId :
F2L95

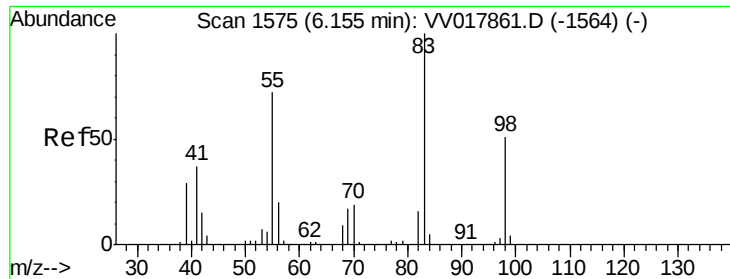
Tot Ion: 96 Resp: 176428
Ion Ratio Lower Upper
96 100
61 116.5 84.4 156.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 145.344 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017877.D
Acq: 09 Aug 2020 00:26

Tgt Ion: 95 Resp: 222144
Ion Ratio Lower Upper
95 100
97 61.8 44.7 83.1
132 105.9 73.6 136.8
130 110.5 77.6 144.0

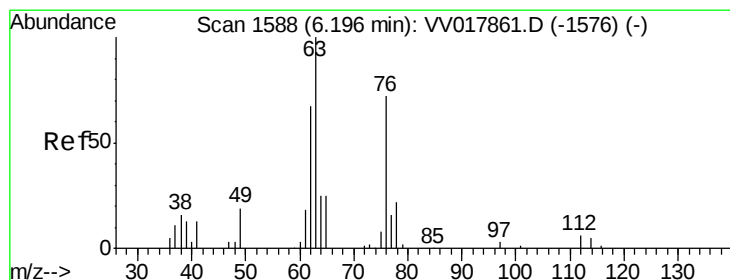
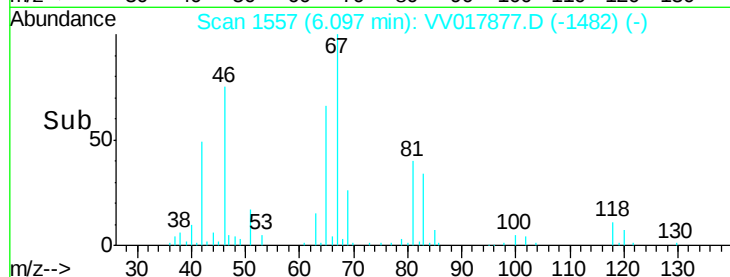
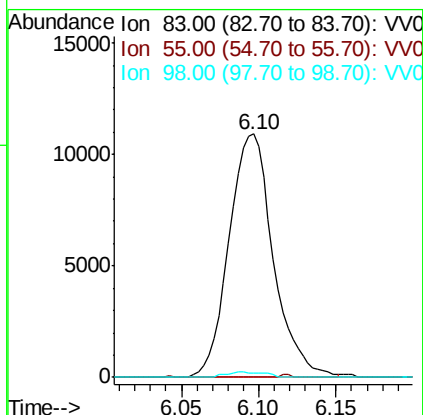
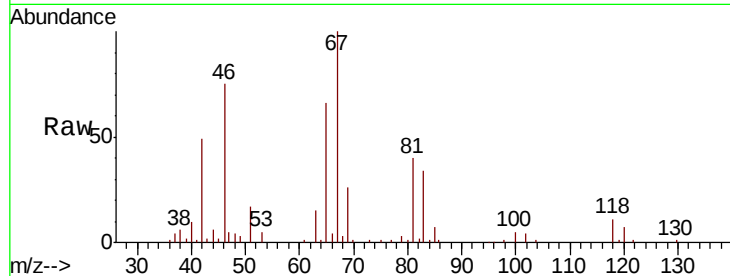




#35
Methvlcvclohexane
Concen: 9.961 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017877.D
Acq: 09 Aug 2020 00:26

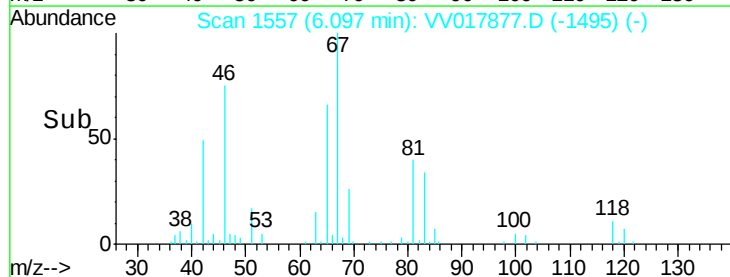
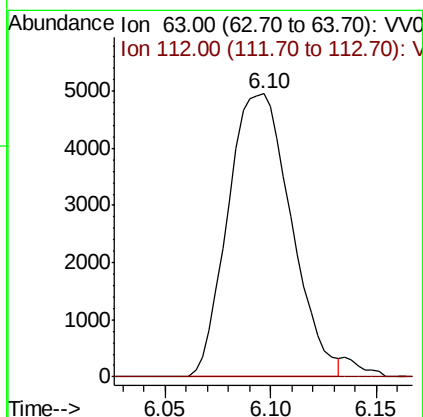
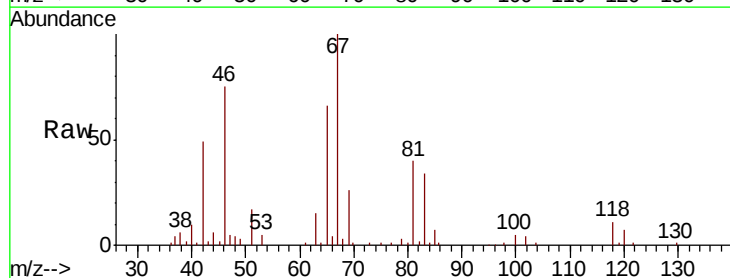
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ClientSampleId :
F2L95

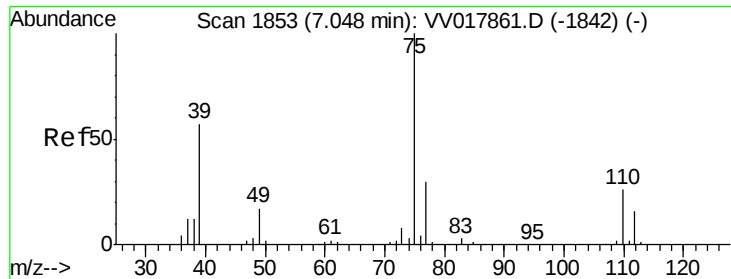
Tot Ion	83	Resp	21681
Ion Ratio	Lower	Upper	
83	100		
55	0.2	54.6	82.0#
98	2.0	41.1	61.7#



#37
1,2-Dichloropropane
Concen: 9.308 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017877.D
Acq: 09 Aug 2020 00:26

Tgt Ion	63	Resp	10299
Ion Ratio	Lower	Upper	
63	100		
112	0.0	5.8	8.6#

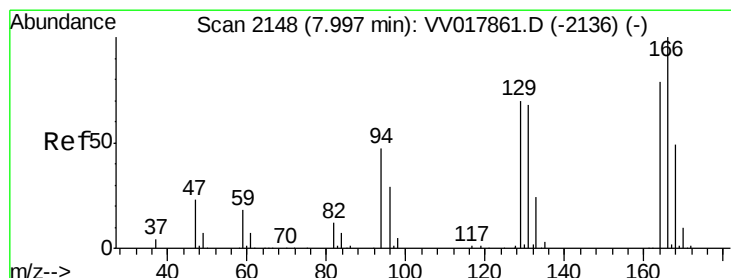
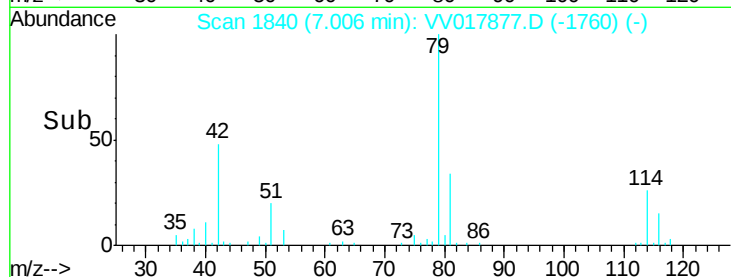
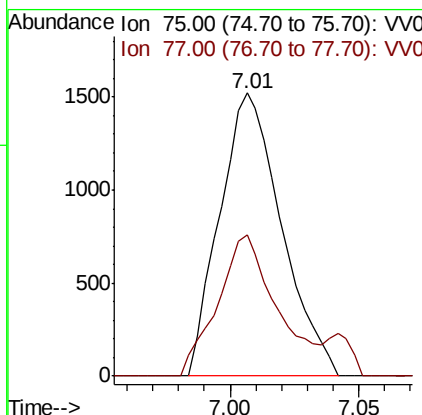
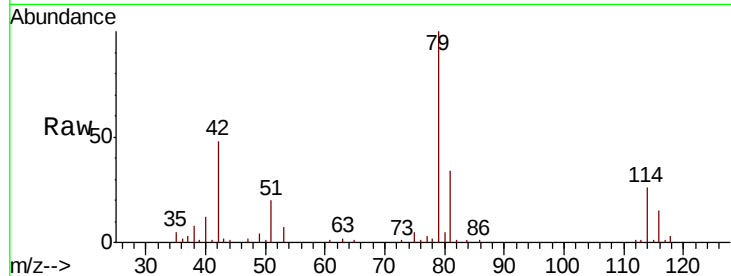




#39
 cis-1,3-Dichloropropene
 Concen: 1.333 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017877.D
 Acq: 09 Aug 2020 00:26

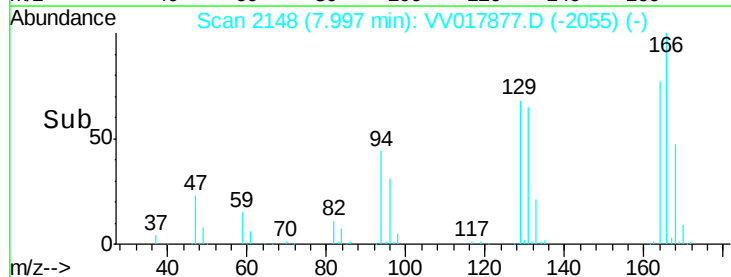
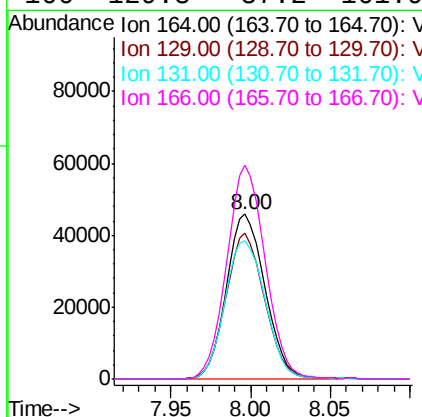
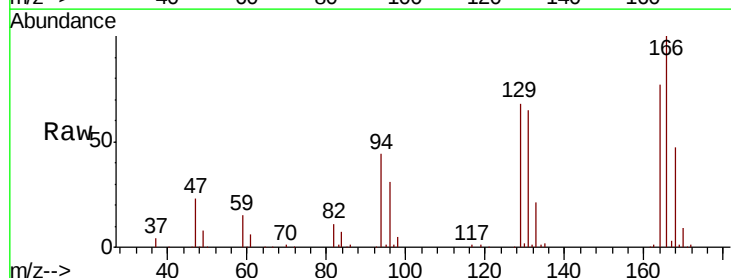
Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

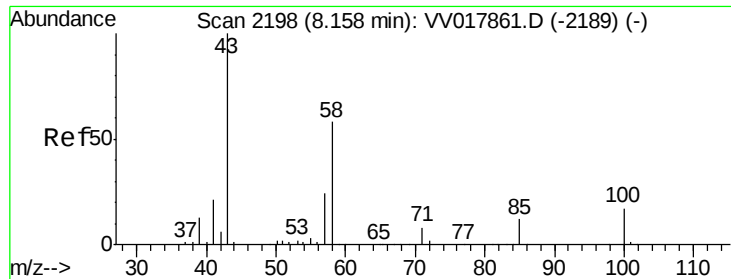
Tot Ion: 75 Resp: 2537
 Ion Ratio Lower Upper
 75 100
 77 50.1 23.7 44.1#



#46
 Tetrachloroethene
 Concen: 52.737 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017877.D
 Acq: 09 Aug 2020 00:26

Tgt Ion: 164 Resp: 75971
 Ion Ratio Lower Upper
 164 100
 129 88.7 61.6 114.4
 131 83.9 59.6 110.8
 166 129.8 87.2 161.9

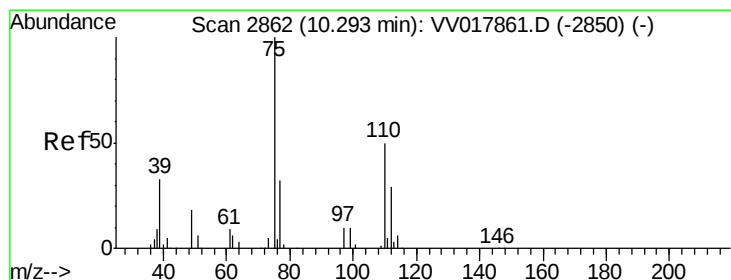
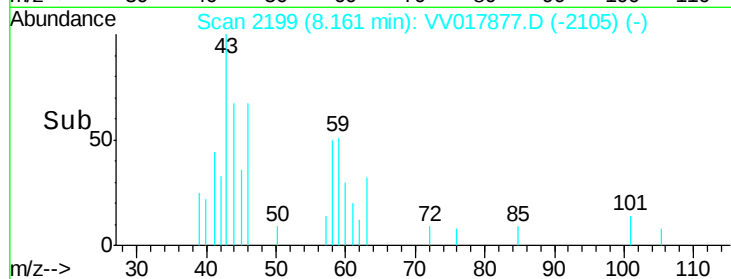
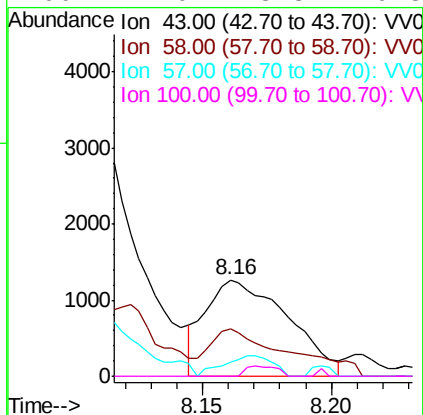
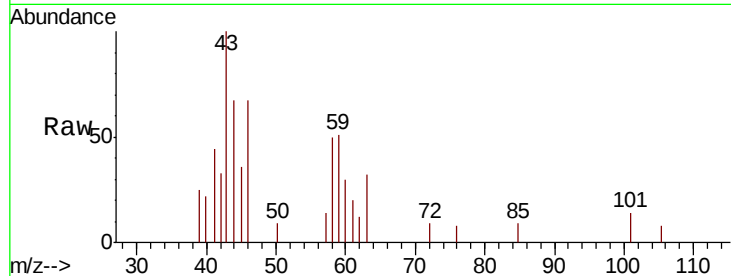




#48
 2-Hexanone
 Concen: 2.331 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017877.D
 Acq: 09 Aug 2020 00:26

Instrument :
 MSVOA_V
 ClientSampled :
 F2L95

Tot Ion: 43 Resp: 2817
 Ion Ratio Lower Upper
 43 100
 58 22.0 43.8 65.8#
 57 12.7 18.0 27.0#
 100 4.0 13.8 20.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.628 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV017877.D
 Acq: 09 Aug 2020 00:26

Tgt Ion: 75 Resp: 9589
 Ion Ratio Lower Upper
 75 100
 77 44.9 26.4 39.6#

