

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015202.D
 Acq On : 27 Mar 2020 10:34
 Operator : SY/MD
 Sample : L1976-12RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:39:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:31:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	529386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	499159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	211724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146593	51.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.22%
7) Chloroethane-d5	1.58	69	135119	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.38%
11) 1,1-Dichloroethene-d2	2.12	63	214859	33.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.34%
21) 2-Butanone-d5	3.94	46	208967	73.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.89%
24) Chloroform-d	4.38	84	271736	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
26) 1,2-Dichloroethane-d4	5.06	65	178829	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
32) Benzene-d6	5.08	84	513917	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.10	67	169908	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.76%
41) Toluene-d8	7.34	98	465513	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%
43) trans-1,3-Dichloropropene-	7.64	79	87706	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.12	63	163138	75.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	248959	39.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	177975	45.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.04%

Target Compounds

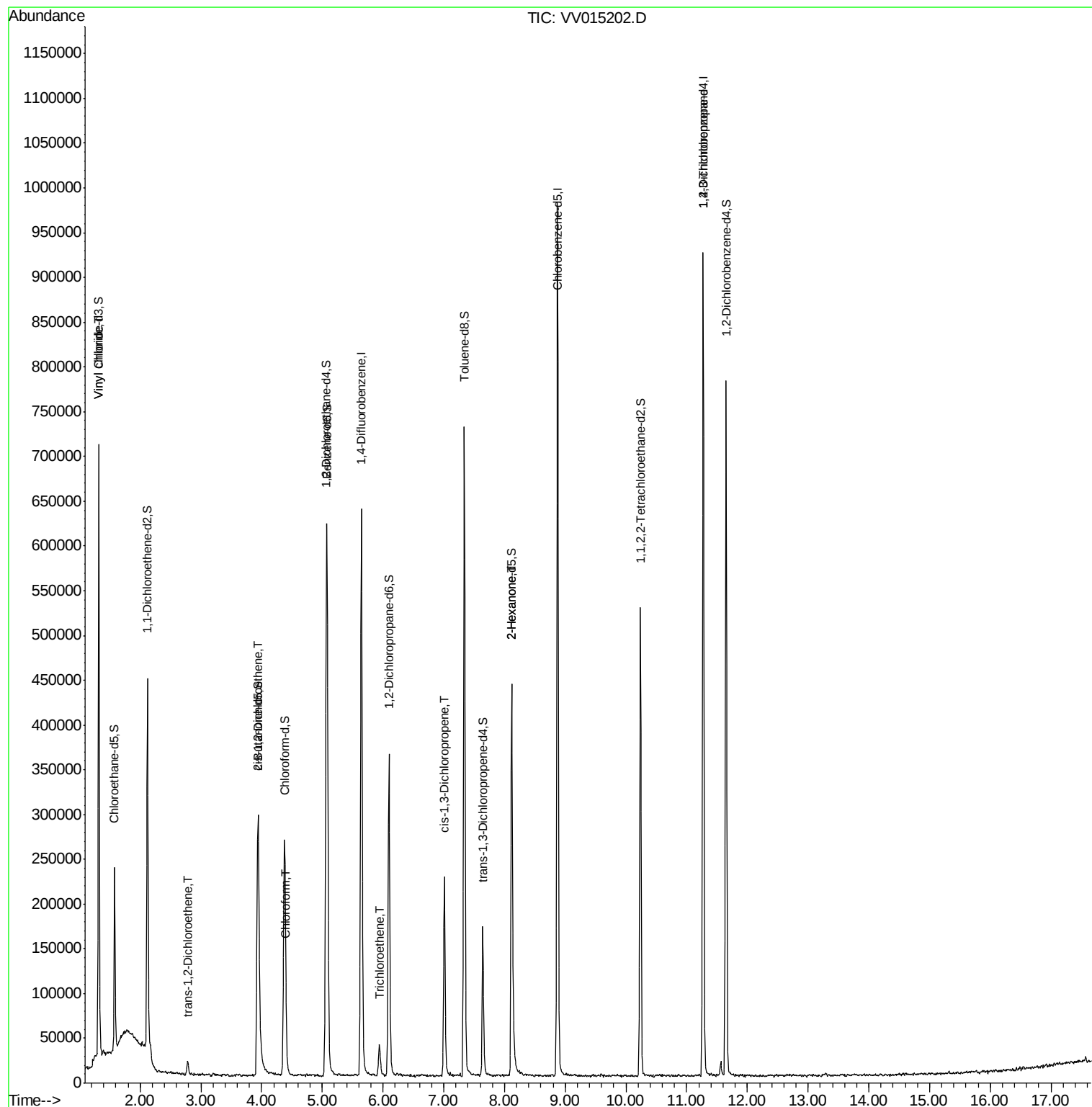
					Ovalue
5) Vinyl chloride	1.32	62	302779	58.269	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	6037	1.627	ug/L 92
20) cis-1,2-Dichloroethene	3.94	96	113220	27.392	ug/L # 97
25) Chloroform	4.41	83	6855	0.971	ug/L 82
34) Trichloroethene	5.94	95	11448	2.957	ug/L 90
39) cis-1,3-Dichloropropene	7.01	75	6648	1.047	ug/L 87
48) 2-Hexanone	8.12	43	21996	4.861	ug/L # 81
59) 1,2,3-Trichloropropane	11.27	75	30290	6.001	ug/L 89

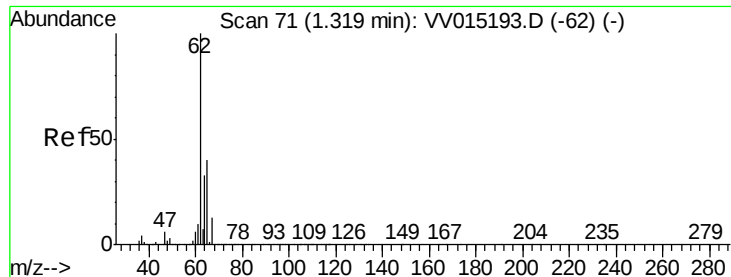
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 01:31:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 58.269 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV015202.D

Acq: 27 Mar 2020 10:34

Instrument :

MSVOA_V

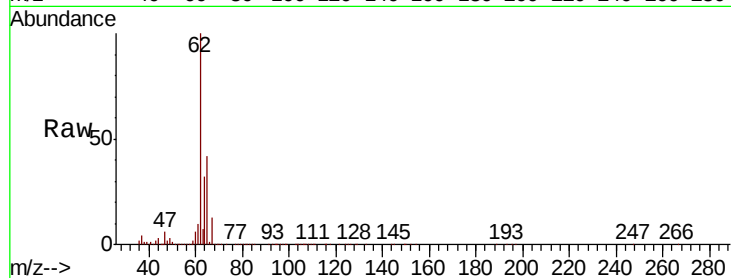
ClientSampleId :

Tot Ion: 62 Resp: 302779

Ion Ratio Lower Upper

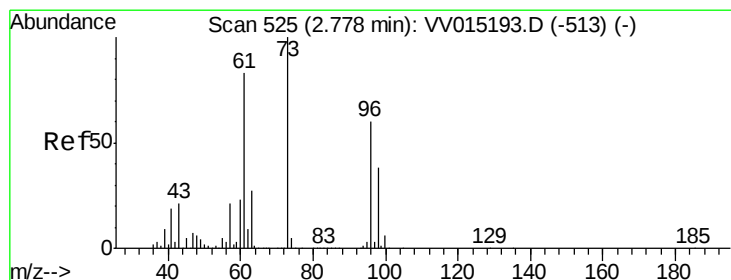
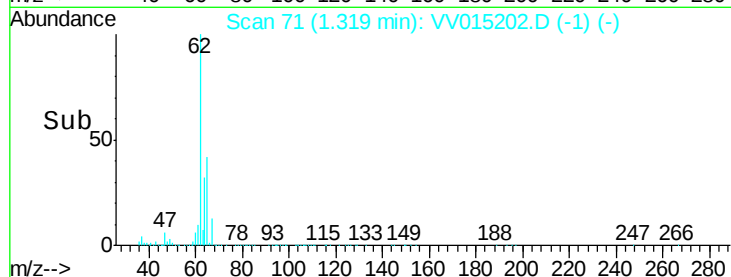
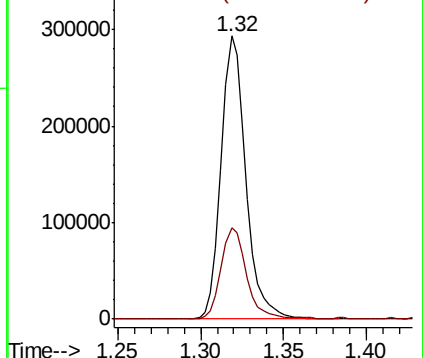
62 100

64 32.3 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.627 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV015202.D

Acq: 27 Mar 2020 10:34

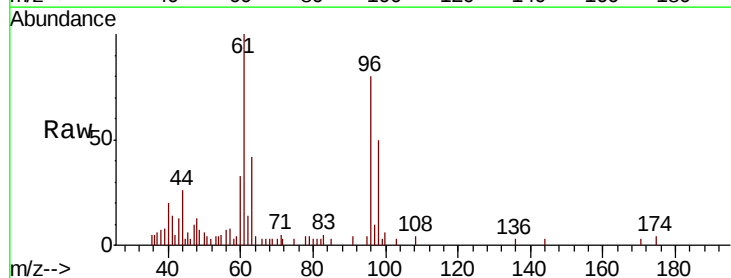
Tgt Ion: 96 Resp: 6037

Ion Ratio Lower Upper

96 100

61 124.9 96.4 179.0

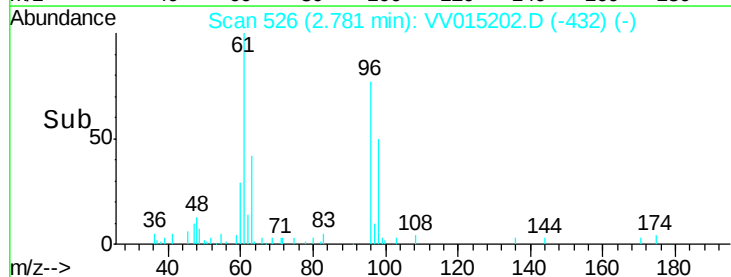
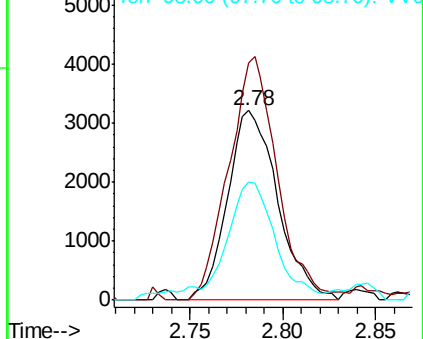
98 62.0 43.8 81.4

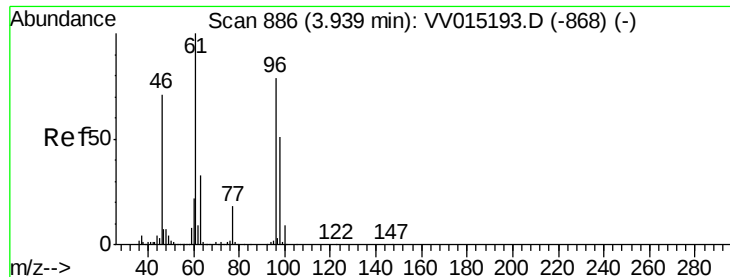


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

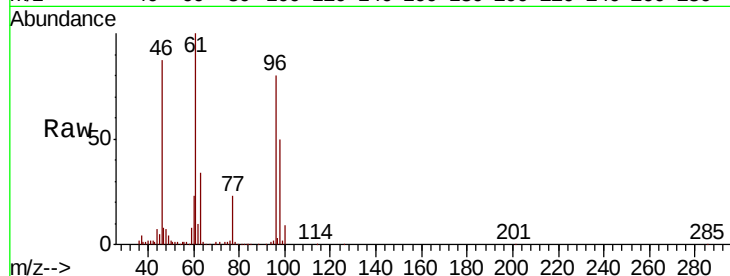




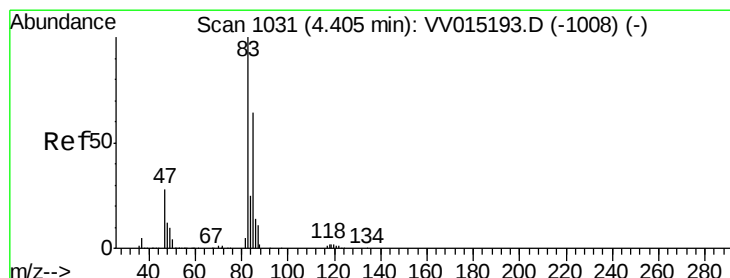
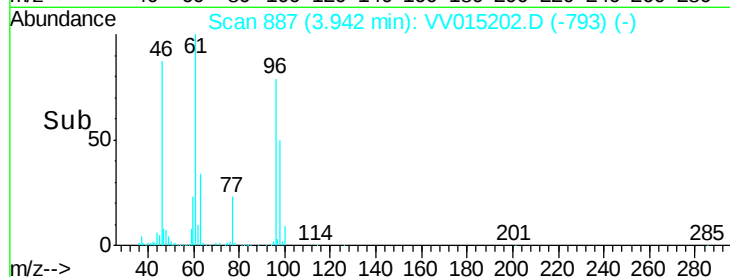
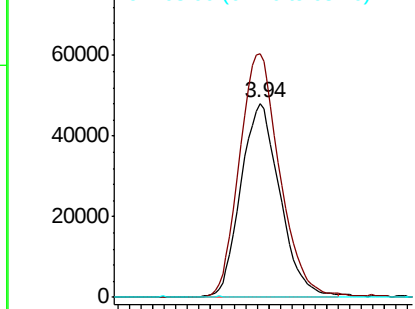
#20
 cis-1,2-Dichloroethene
 Concen: 27.392 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV015202.D
 Acq: 27 Mar 2020 10:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 113220
 Ion Ratio Lower Upper
 96 100
 61 125.4 90.2 167.4
 68 0.0 0.1 0.3#

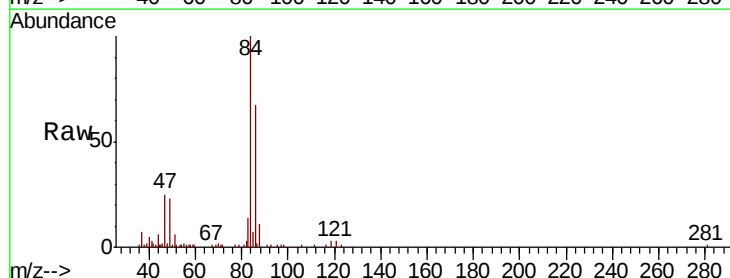


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

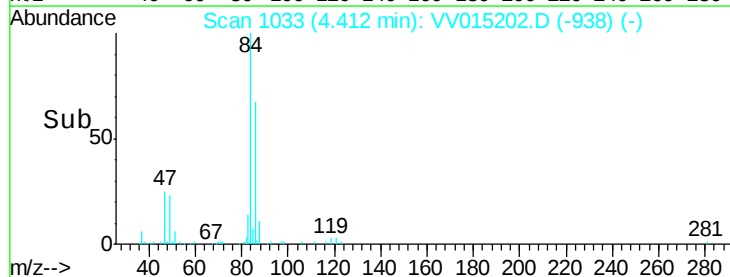
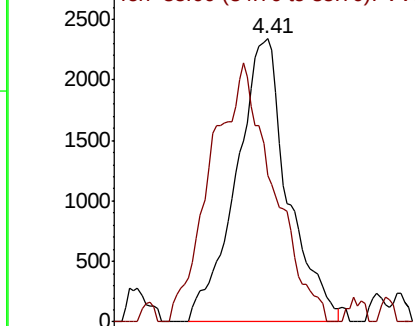


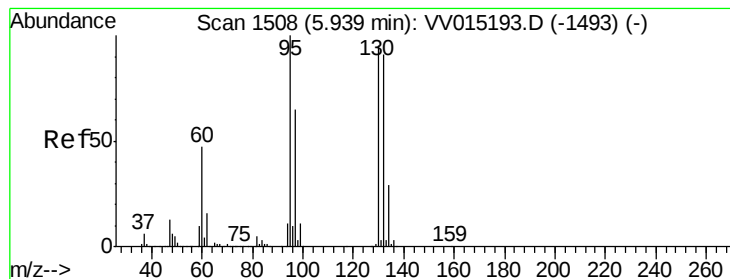
#25
 Chloroform
 Concen: 0.971 ug/L
 RT: 4.41 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: VV015202.D
 Acq: 27 Mar 2020 10:34

Tgt Ion: 83 Resp: 6855
 Ion Ratio Lower Upper
 83 100
 85 51.8 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 2.957 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015202.D

Acq: 27 Mar 2020 10:34

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 11448

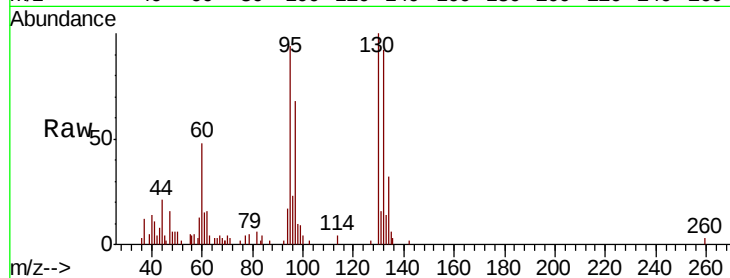
Ion Ratio Lower Upper

95 100

97 72.7 44.8 83.2

132 98.1 63.2 117.4

130 106.4 66.8 124.0

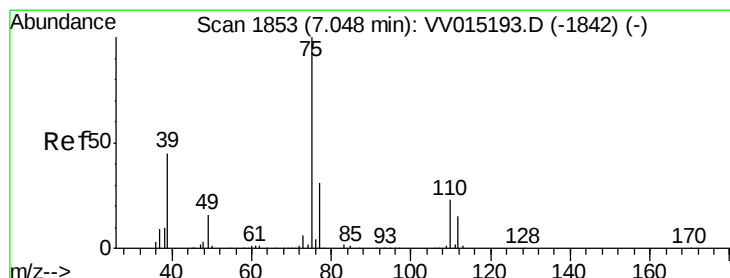
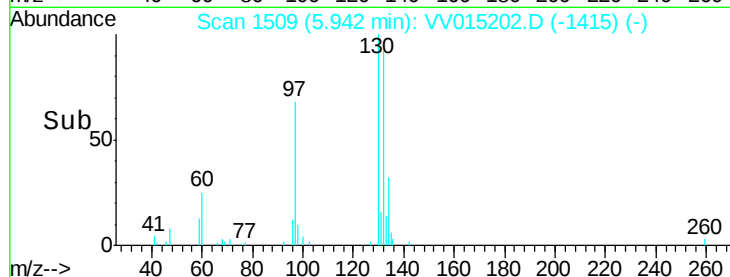
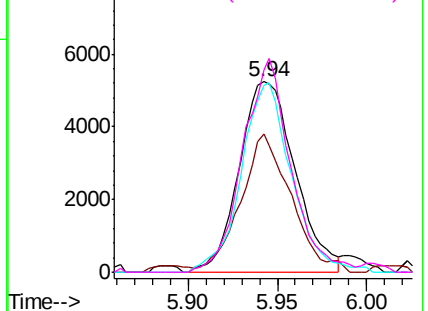


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015202.D

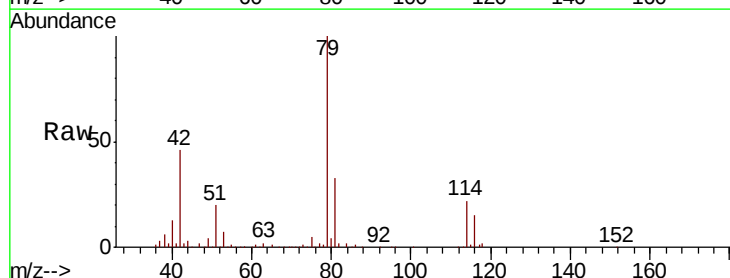
Acq: 27 Mar 2020 10:34

Tgt Ion: 75 Resp: 6648

Ion Ratio Lower Upper

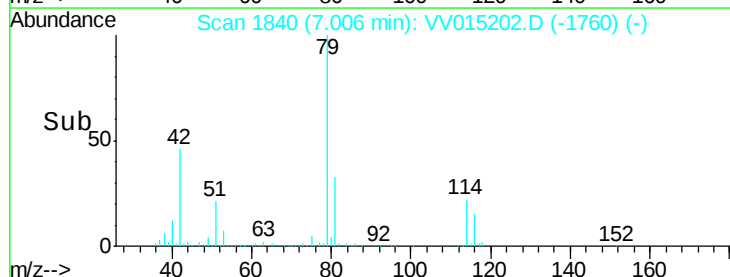
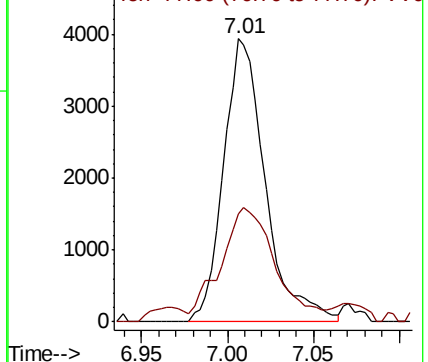
75 100

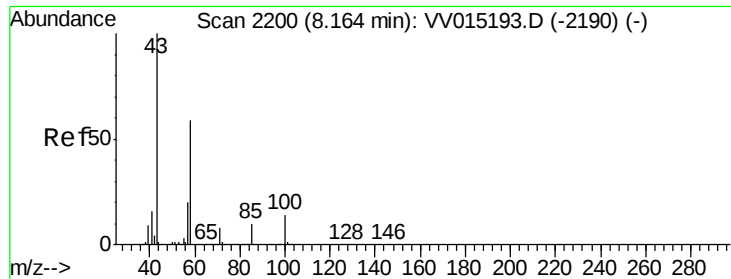
77 38.2 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

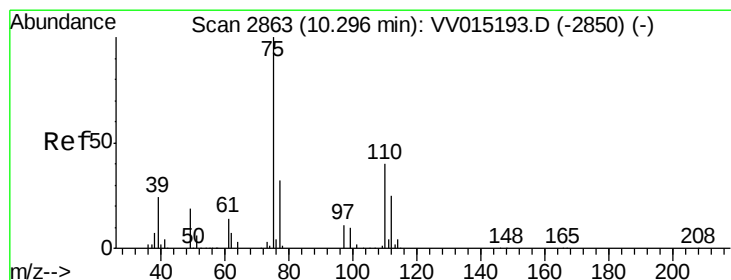
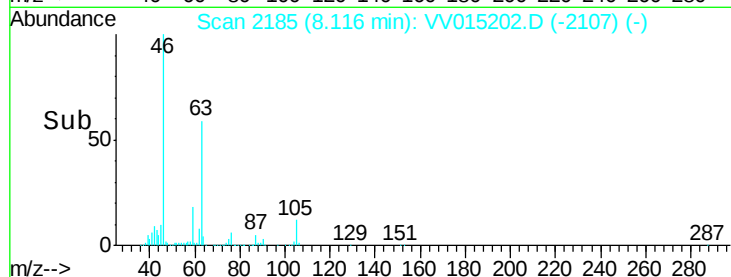
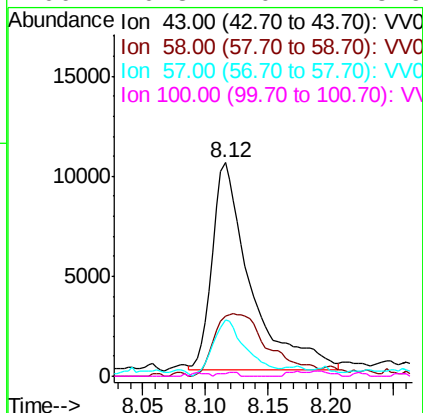
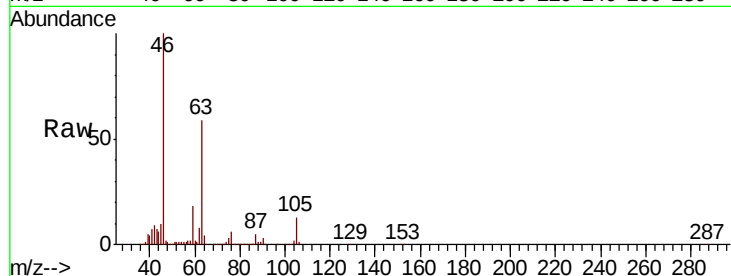




#48
 2-Hexanone
 Concen: 4.861 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV015202.D
 Acq: 27 Mar 2020 10:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 21996
 Ion Ratio Lower Upper
 43 100
 58 41.4 44.3 66.5#
 57 23.8 15.4 23.0#
 100 0.8 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.001 ug/L
 RT: 11.27 min Scan# 3167
 Delta R.T. 0.98 min
 Lab File: VV015202.D
 Acq: 27 Mar 2020 10:34

Tgt Ion: 75 Resp: 30290
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.5 38.3

