

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017943.D
 Acq On : 12 Aug 2020 22:37
 Operator : SY/MD
 Sample : L3644-09DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L65DL

Quant Time: Aug 13 06:01:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252998	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	248232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87573	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.74%
7) Chloroethane-d5	1.58	69	75711	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.88%
11) 1,1-Dichloroethene-d2	2.12	63	132143	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	3.92	46	121329	95.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	4.38	84	166710	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.06	65	116180	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
32) Benzene-d6	5.08	84	334461	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.09	67	110169	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.34	98	293386	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.64	79	46746	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.11	63	58628	81.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129344	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	116619	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%

Target Compounds

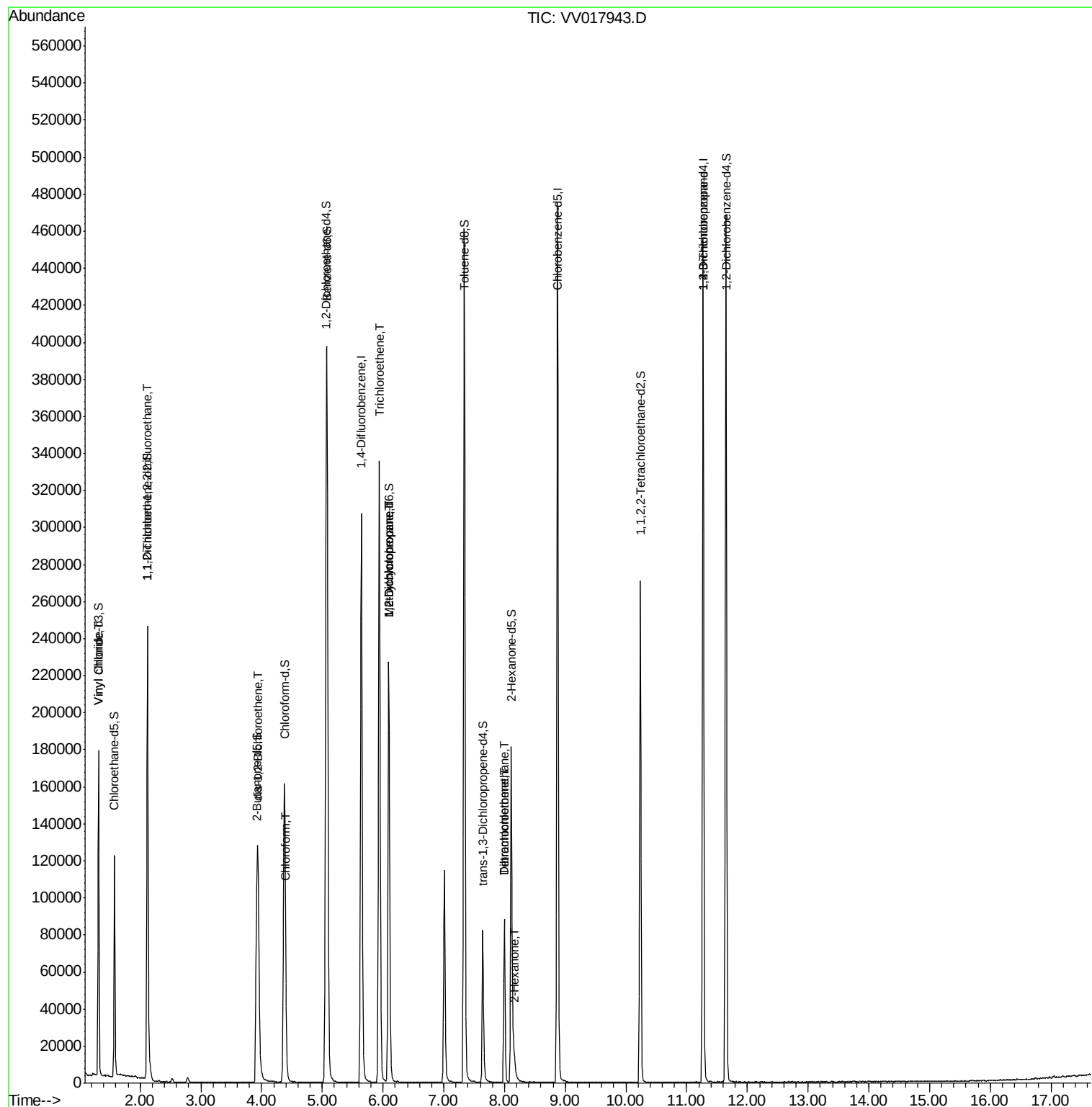
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	25128	11.178	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1193	0.665	ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	50436	26.309	ug/L	96
25) Chloroform	4.41	83	3267	0.913	ug/L	91
34) Trichloroethene	5.94	95	115613	56.952	ug/L	99
35) Methylcyclohexane	6.09	83	25883	8.575	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12322	5.883	ug/L #	87
46) Tetrachloroethene	8.00	164	20190	13.561	ug/L	97
48) 2-Hexanone	8.16	43	7653	3.466	ug/L #	49
49) Dibromochloromethane	8.00	129	18336	9.685	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	13343	5.159	ug/L	91

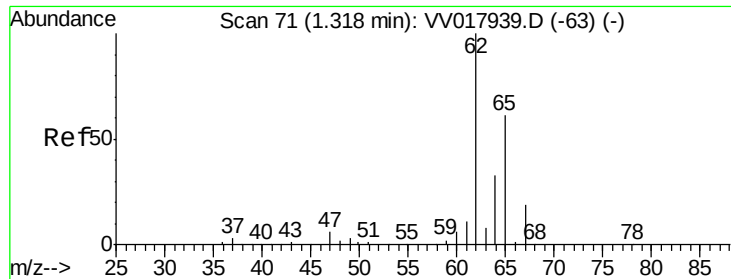
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.178 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

Instrument :

MSVOA_V

ClientSampled :

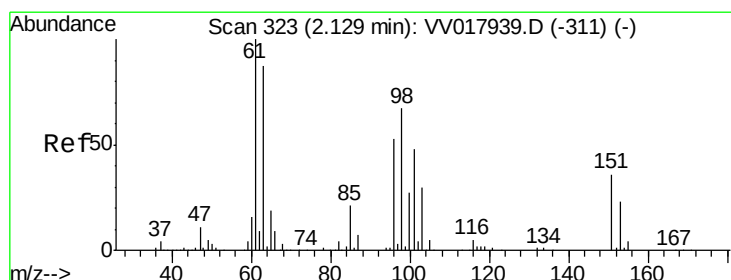
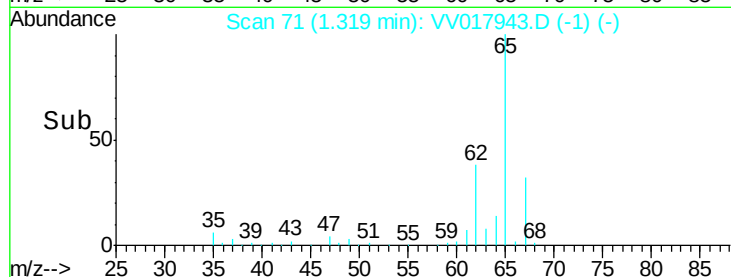
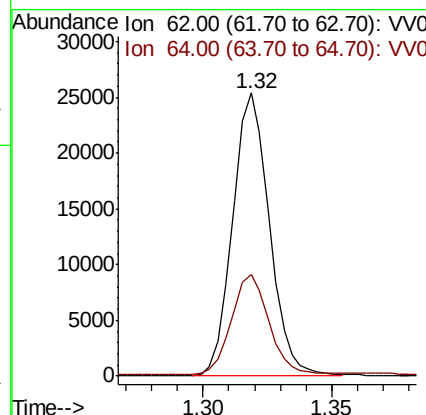
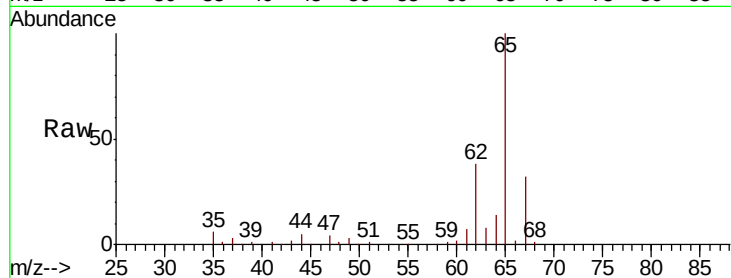
F2L65DL

Tot Ion: 62 Resp: 25128

Ion Ratio Lower Upper

62 100

64 36.0 22.4 41.6



#10

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

Concen: 0.665 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

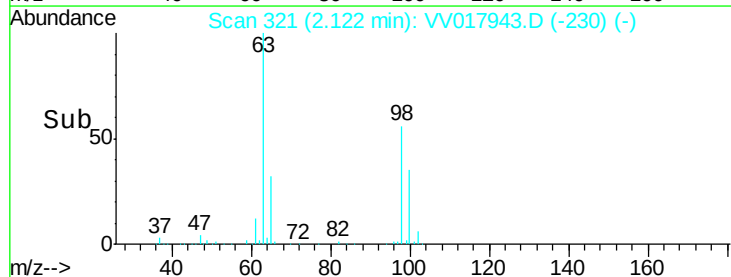
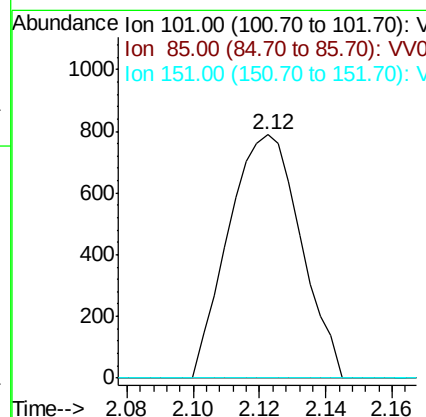
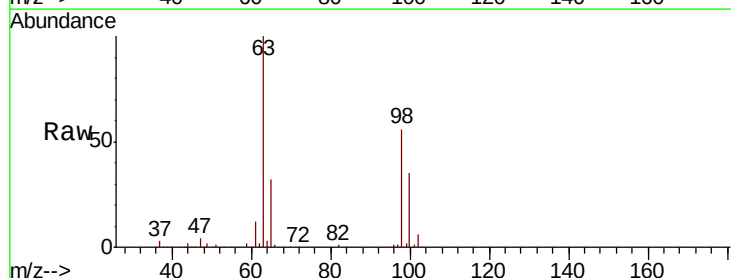
Tgt Ion: 101 Resp: 1193

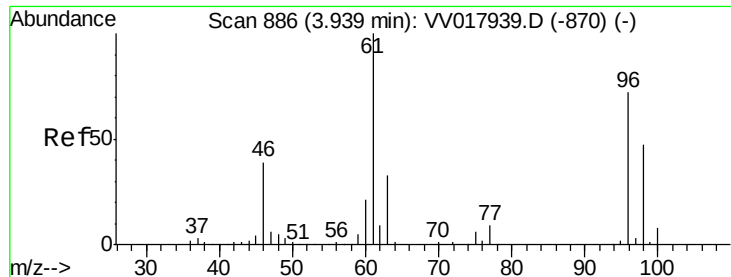
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 59.1 88.7#

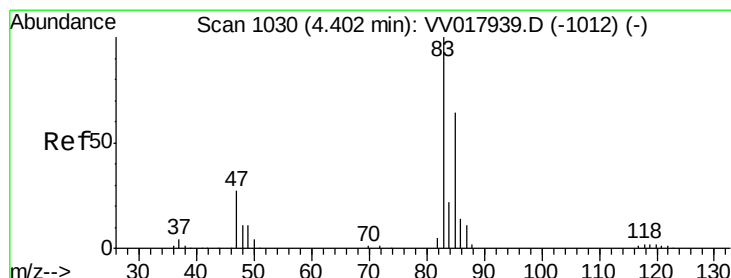
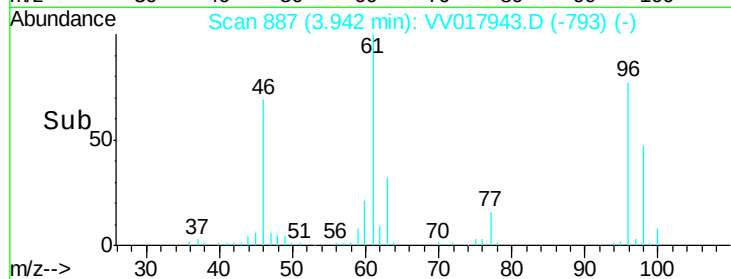
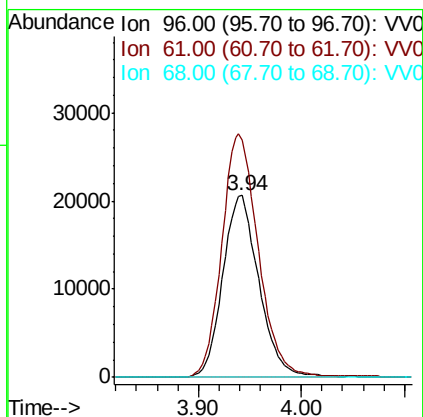
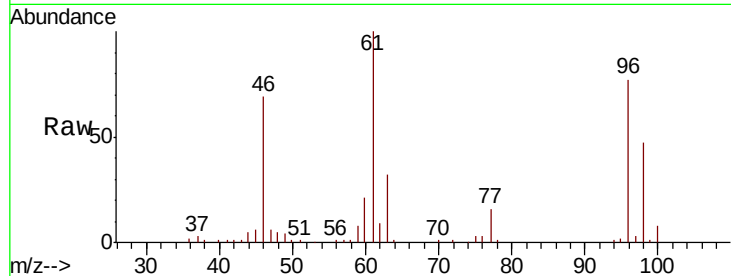




#20
 cis-1,2-Dichloroethene
 Concen: 26.309 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV017943.D
 Acq: 12 Aug 2020 22:37

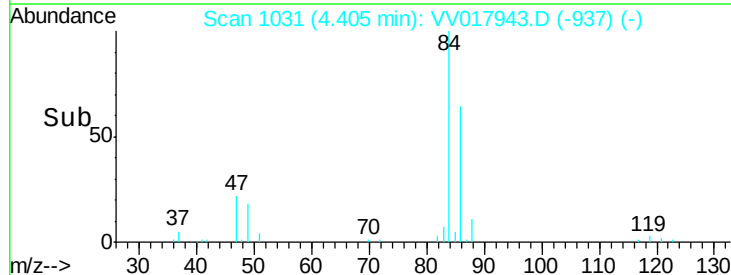
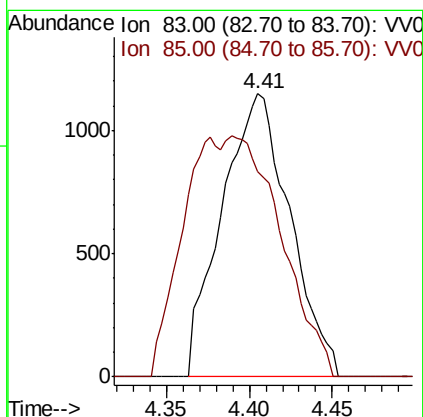
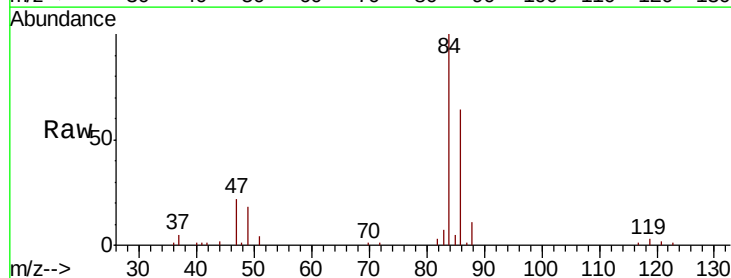
Instrument :
 MSVOA_V
 ClientSampleID :
 F2L65DL

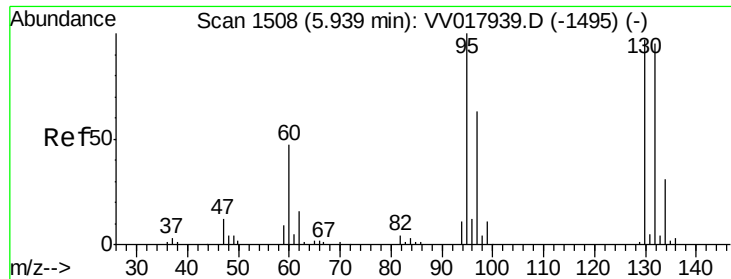
Tot Ion: 96 Resp: 50436
 Ion Ratio Lower Upper
 96 100
 61 130.5 95.0 176.4
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.913 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV017943.D
 Acq: 12 Aug 2020 22:37

Tgt Ion: 83 Resp: 3267
 Ion Ratio Lower Upper
 83 100
 85 72.4 45.5 84.5





#34

Trichloroethene

Concen: 56.952 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

Instrument :

MSVOA_V

ClientSampleId :

F2L65DL

Tot Ion: 95 Resp: 115613

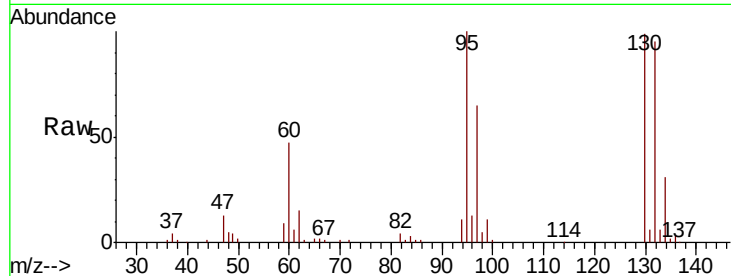
Ion Ratio Lower Upper

95 100

97 64.5 46.0 85.4

132 95.4 65.8 122.2

130 99.1 69.2 128.6

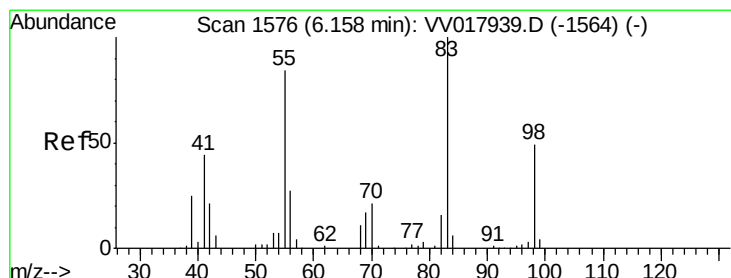
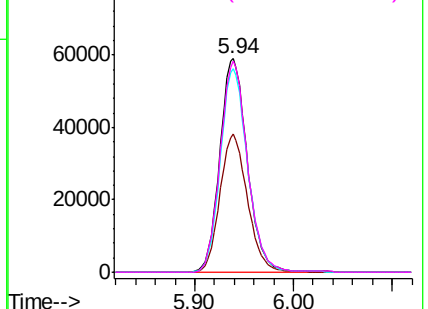
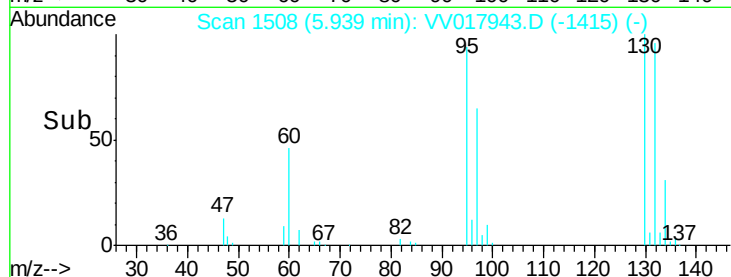


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 8.575 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

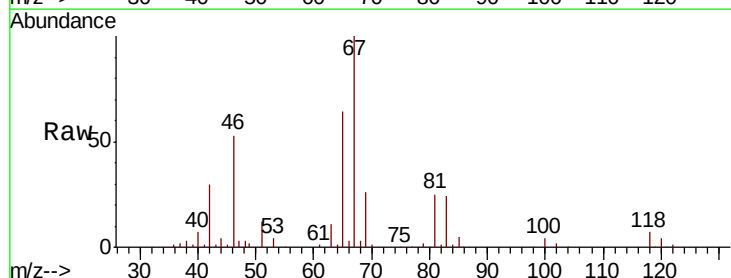
Tgt Ion: 83 Resp: 25883

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

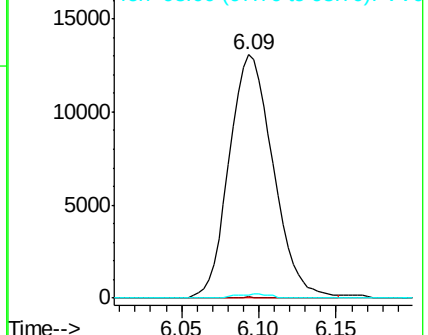
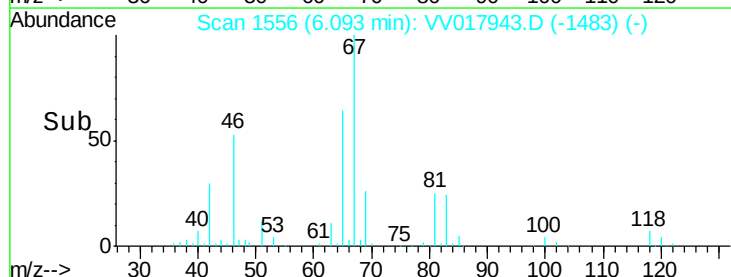
98 0.8 38.7 58.1#

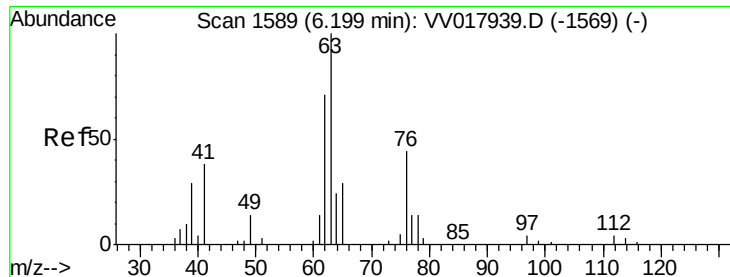


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

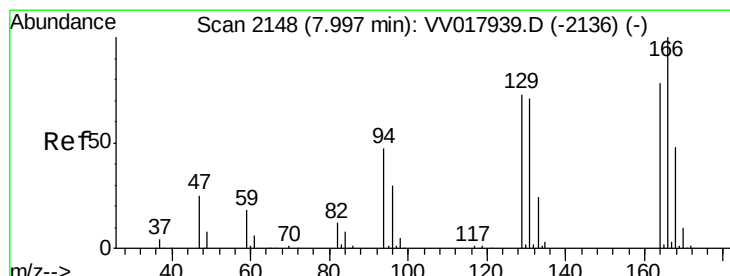
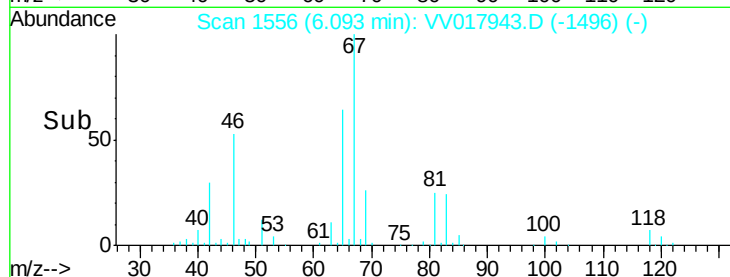
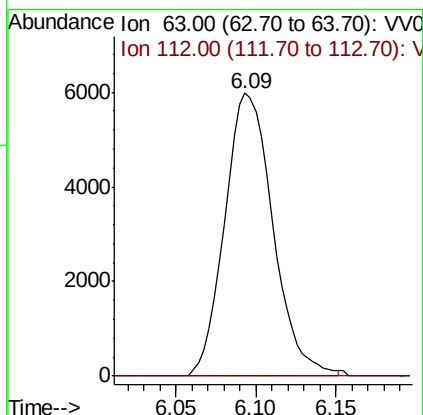
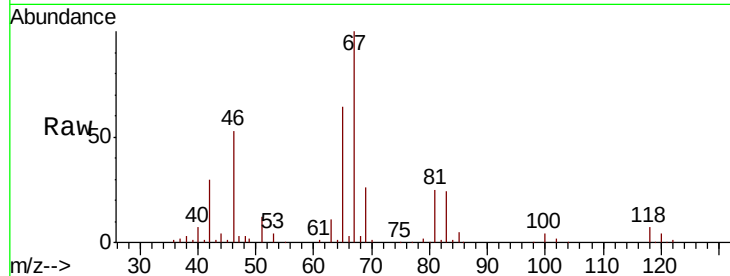




#37
 1,2-Dichloropropane
 Concen: 5.883 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017943.D
 Acq: 12 Aug 2020 22:37

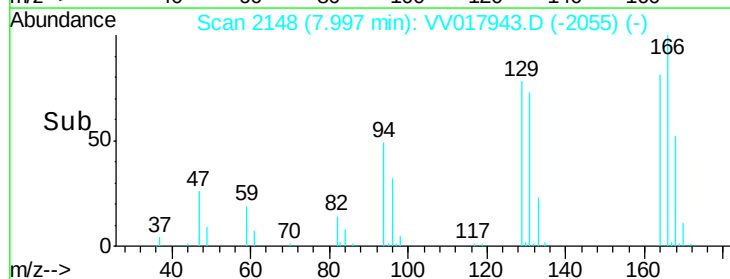
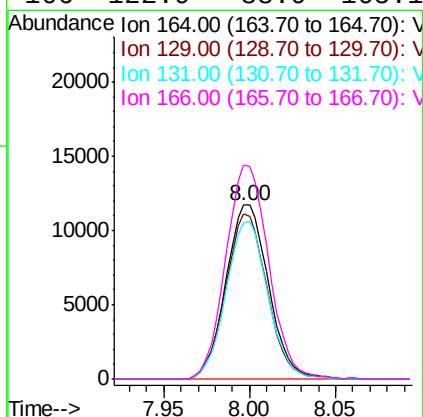
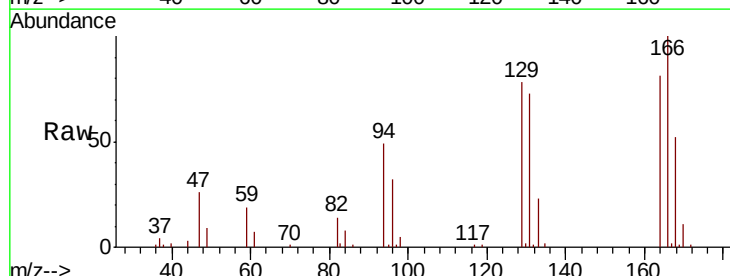
Instrument :
 MSVOA_V
 ClientSampleId :
 F2L65DL

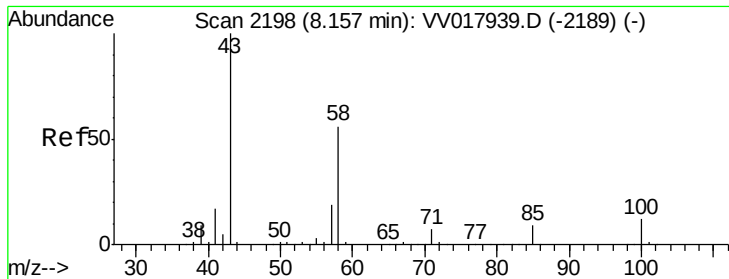
Tot Ion: 63 Resp: 12322
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#46
 Tetrachloroethene
 Concen: 13.561 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017943.D
 Acq: 12 Aug 2020 22:37

Tgt Ion:164 Resp: 20190
 Ion Ratio Lower Upper
 164 100
 129 95.3 64.8 120.3
 131 89.9 64.5 119.9
 166 122.9 88.9 165.1

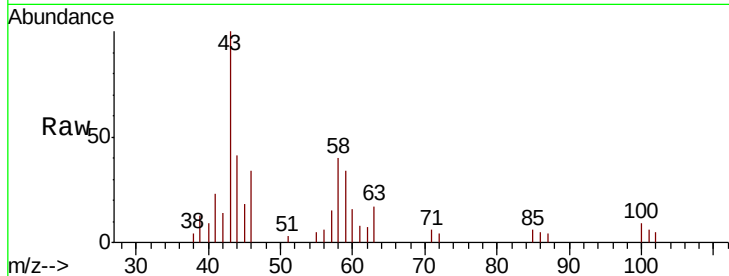




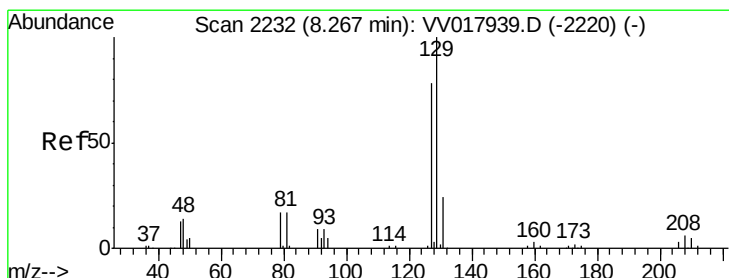
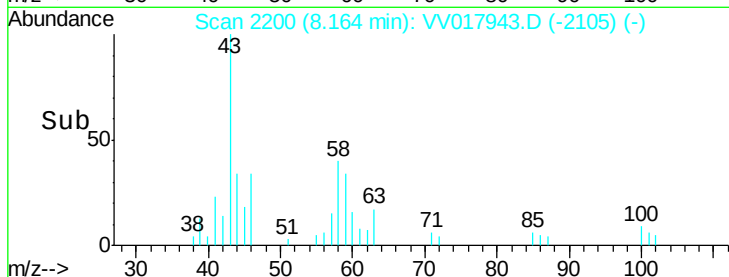
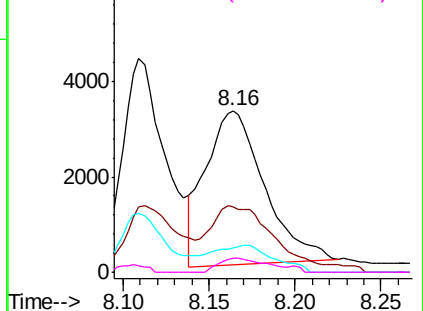
#48
2-Hexanone
Concen: 3.466 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017943.D
Acq: 12 Aug 2020 22:37

Instrument :
MSVOA_V
ClientSampleId :
F2L65DL

Tot Ion:	43	Resp:	7653
Ion	Ratio	Lower	Upper
43	100		
58	9.8	44.4	66.6#
57	0.0	15.2	22.8#
100	7.2	9.8	14.6#

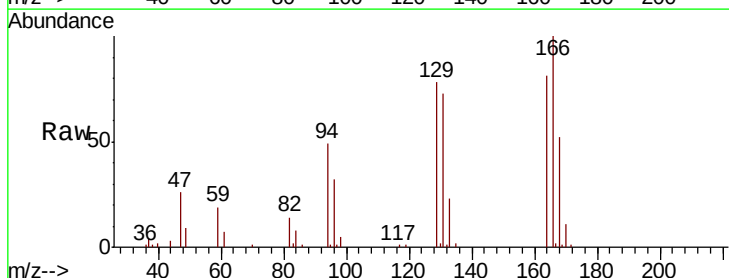


Abundance Ion 43.00 (42.70 to 43.70): VV017943.D (-2198) (-)
Ion 58.00 (57.70 to 58.70): VV017943.D (-2198) (-)
Ion 57.00 (56.70 to 57.70): VV017943.D (-2198) (-)
Ion 100.00 (99.70 to 100.70): VV017943.D (-2198) (-)

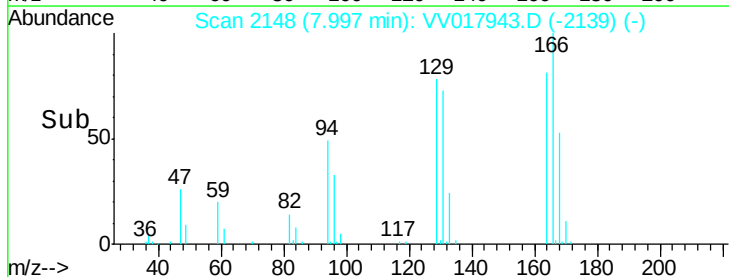
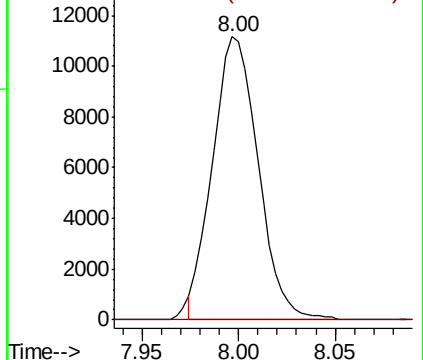


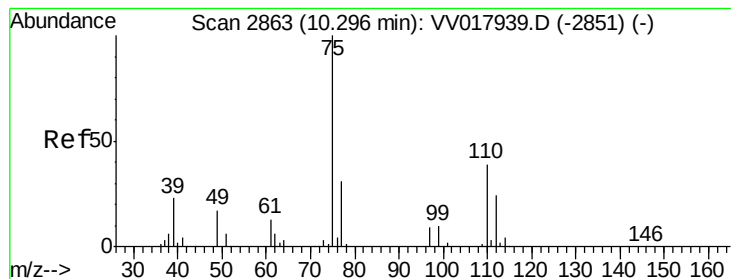
#49
Dibromochloromethane
Concen: 9.685 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017943.D
Acq: 12 Aug 2020 22:37

Tgt Ion:	129	Resp:	18336
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#



Abundance Ion 129.00 (128.70 to 129.70): VV017943.D (-2148) (-)
Ion 127.00 (126.70 to 127.70): VV017943.D (-2148) (-)





#59

1,2,3-Trichloropropane

Concen: 5.159 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

Instrument :

MSVOA_V

ClientSampleId :

F2L65DL

Tot Ion: 75 Resp: 13343

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5

