

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015606.D
 Acq On : 21 Apr 2020 17:27
 Operator : SY/MD
 Sample : L2366-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:16:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138114	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37920	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	33172	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.12	63	56360	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.91	46	108074	53.71	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.38	84	76893	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	43872	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	149814	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.10	67	46918	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.34	98	137960	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.64	79	14538	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.11	63	80521	42.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32956	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	52441	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

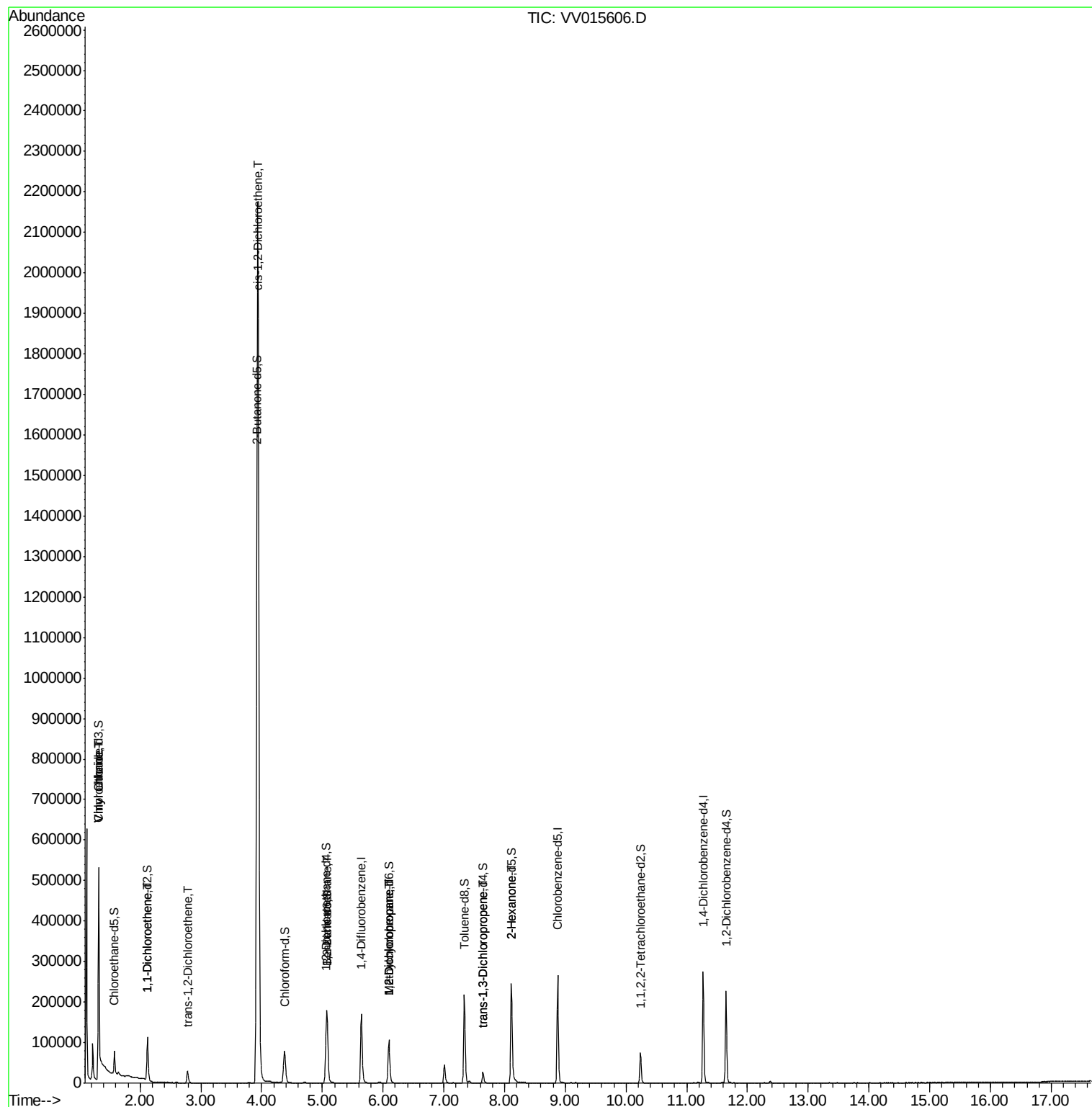
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	260048	20.744	ug/L	98
8) Chloroethane	1.32	64	91668	12.609	ug/L #	44
12) 1,1-Dichloroethene	2.13	96	3170	0.366	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	9529	0.975	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	1132129	111.611	ug/L	99
27) 1,2-Dichloroethane	5.08	62	1189	0.098	ug/L #	77
35) Methylcyclohexane	6.10	83	11528	0.654	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5944	0.617	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	780	0.062	ug/L #	62
48) 2-Hexanone	8.11	43	11405	2.580	ug/L #	73

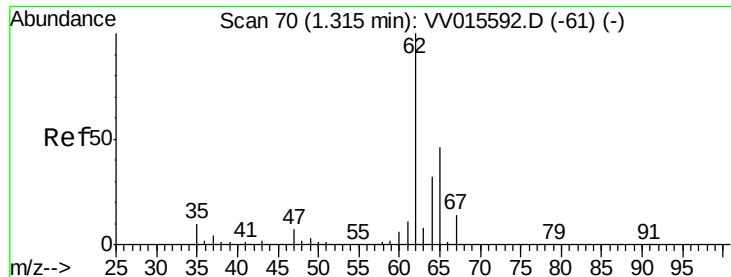
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 22 00:11:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.744 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015606.D

Acq: 21 Apr 2020 17:27

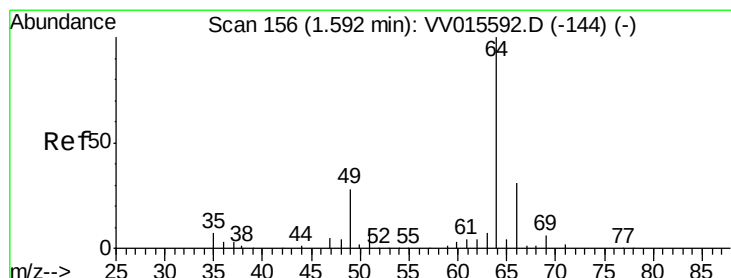
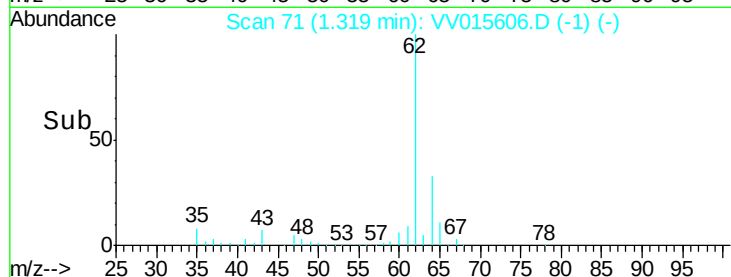
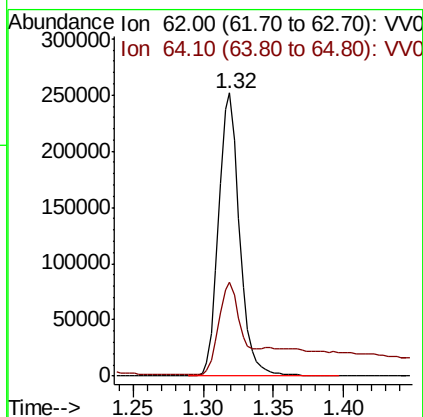
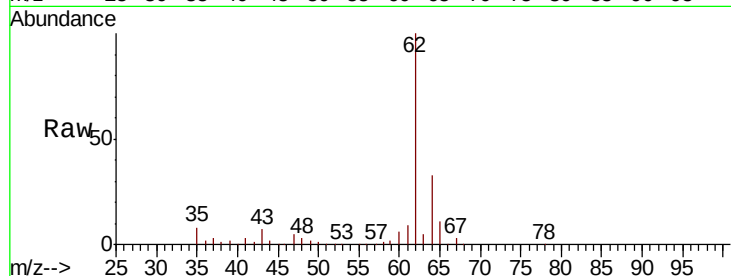
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 260048

Ion Ratio Lower Upper

62 100

64 33.1 22.5 41.7



#8

Chloroethane

Concen: 12.609 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV015606.D

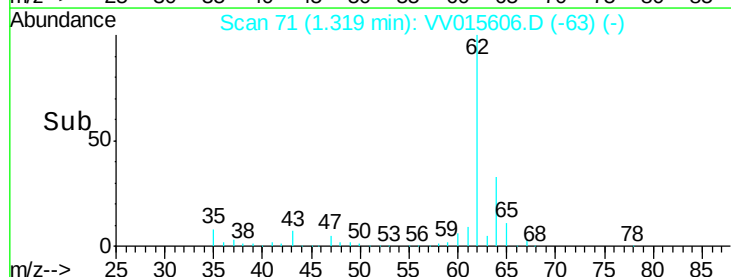
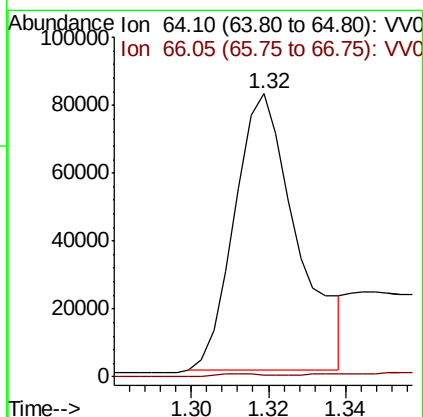
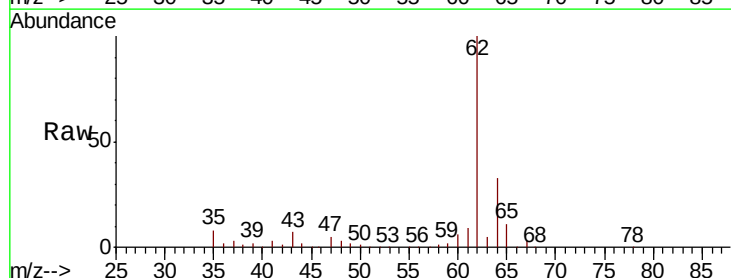
Acq: 21 Apr 2020 17:27

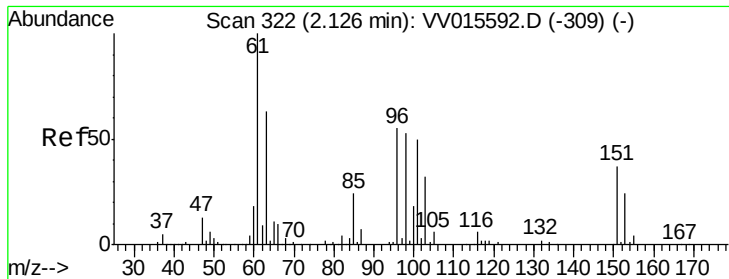
Tgt Ion: 64 Resp: 91668

Ion Ratio Lower Upper

64 100

66 0.8 22.3 41.5#

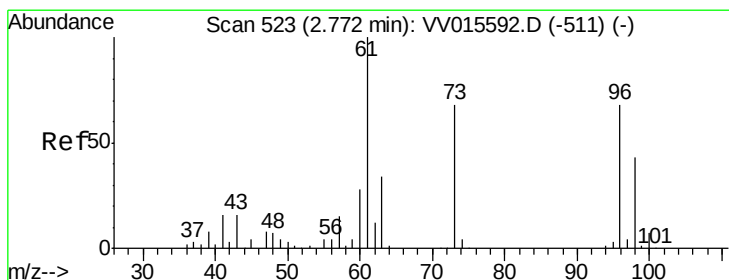
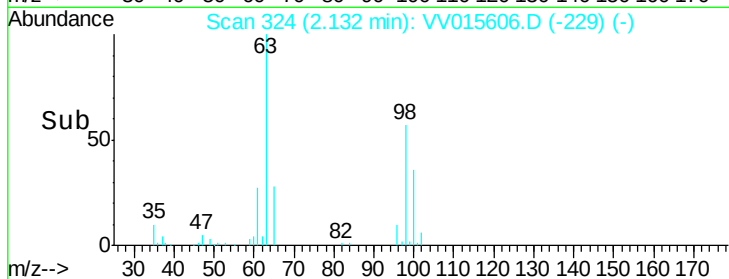
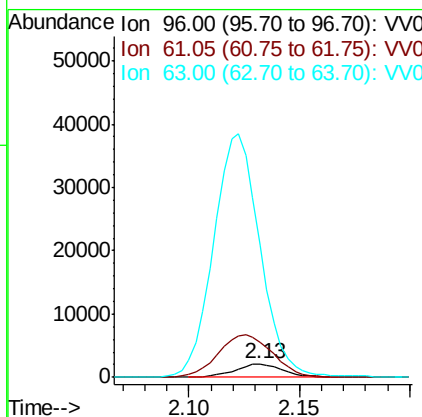
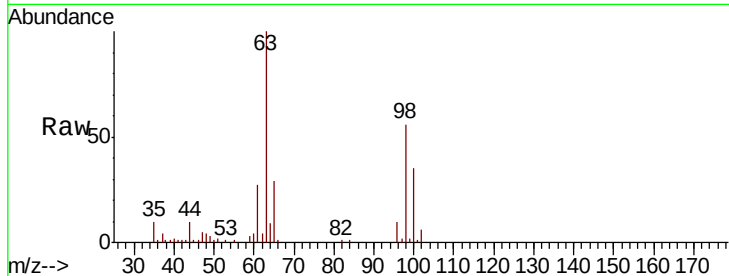




#12
 1,1-Dichloroethene
 Concen: 0.366 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VV015606.D
 Acq: 21 Apr 2020 17:27

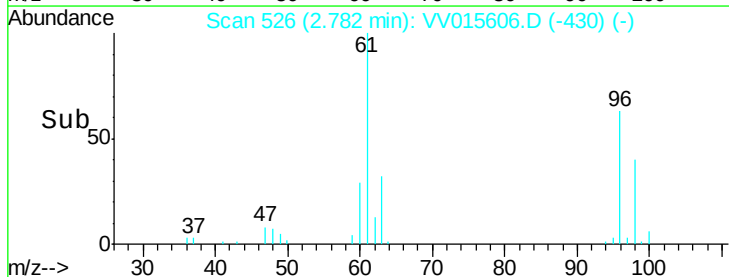
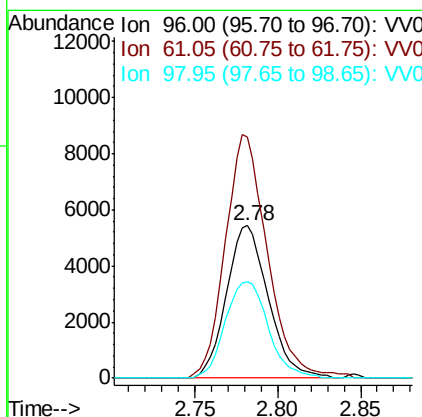
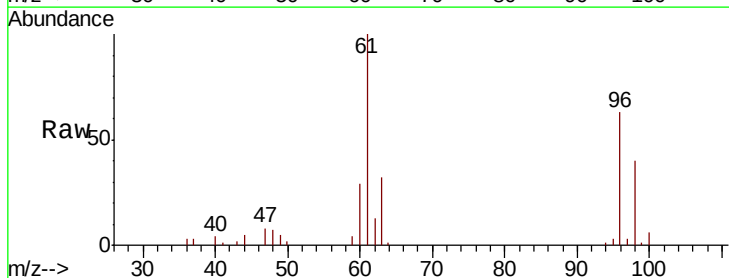
Instrument :
 MSVOA_V
 ClientSampleId :

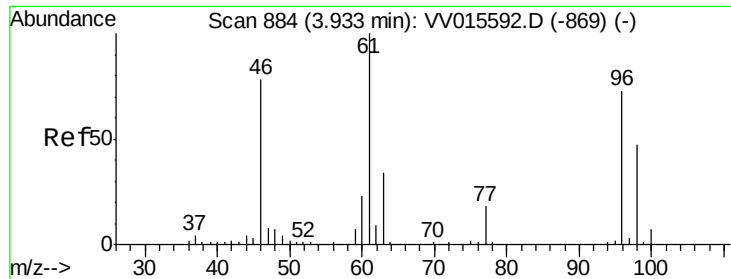
Tot Ion: 96 Resp: 3170
 Ion Ratio Lower Upper
 96 100
 61 257.7 127.7 237.1#
 63 967.7 75.1 139.5#



#18
 trans-1,2-Dichloroethene
 Concen: 0.975 ug/L
 RT: 2.78 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: VV015606.D
 Acq: 21 Apr 2020 17:27

Tgt Ion: 96 Resp: 9529
 Ion Ratio Lower Upper
 96 100
 61 158.7 104.4 194.0
 98 63.3 42.8 79.4



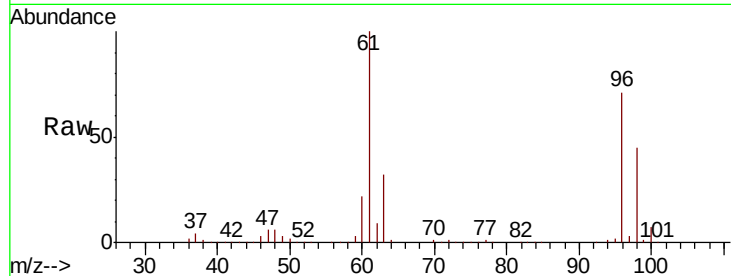


#22

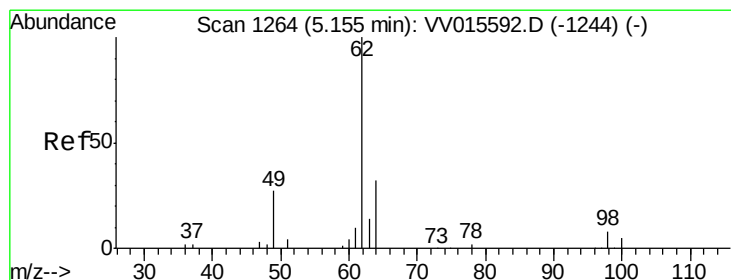
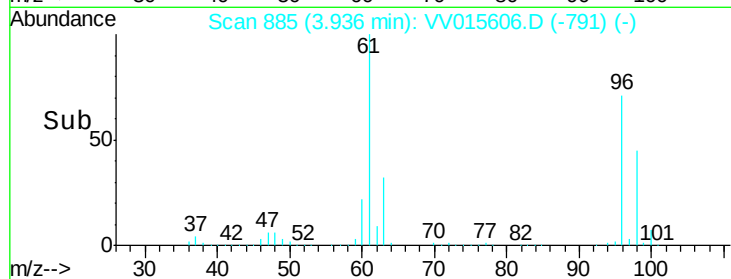
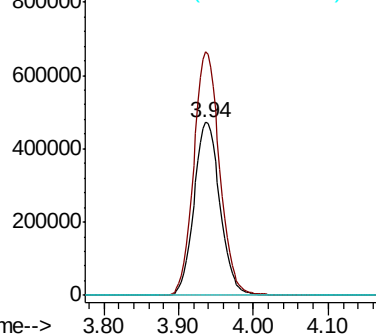
cis-1,2-Dichloroethene
Concen: 111.611 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015606.D
Acq: 21 Apr 2020 17:27

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 1132129
Ion Ratio Lower Upper
96 100
61 141.1 100.0 185.8
68 0.0 0.0 0.0



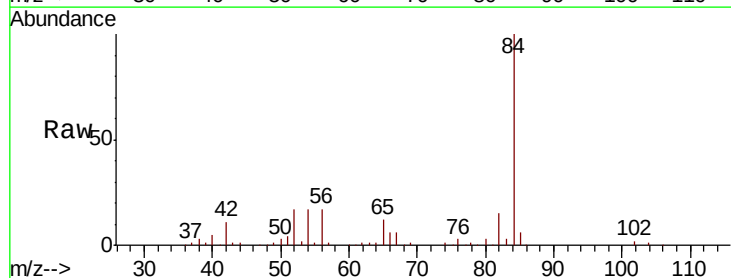
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



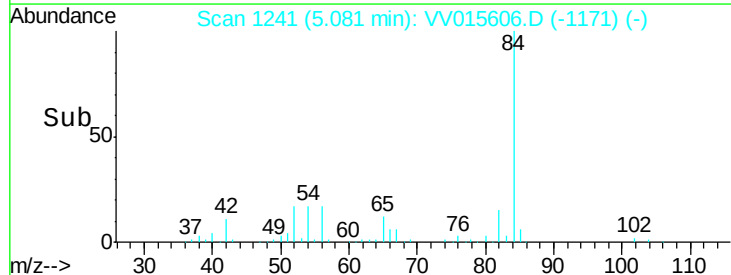
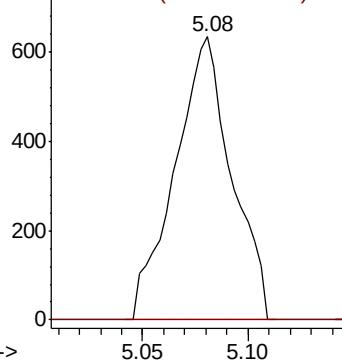
#27

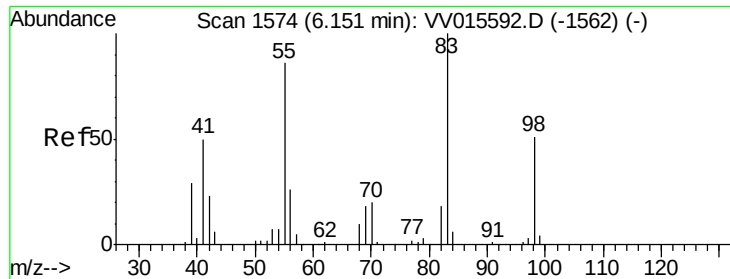
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015606.D
Acq: 21 Apr 2020 17:27

Tgt Ion: 62 Resp: 1189
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0

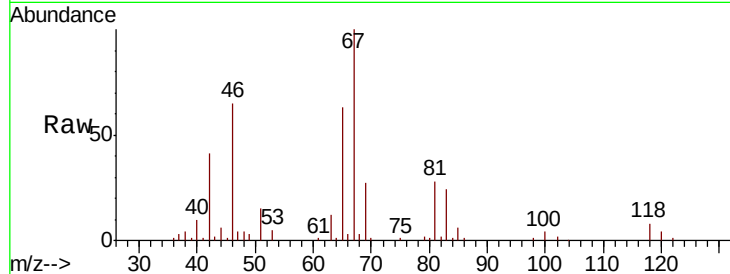




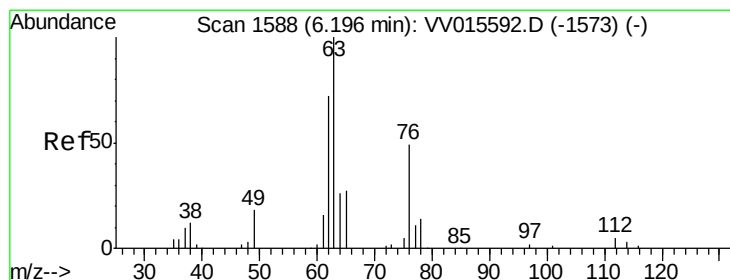
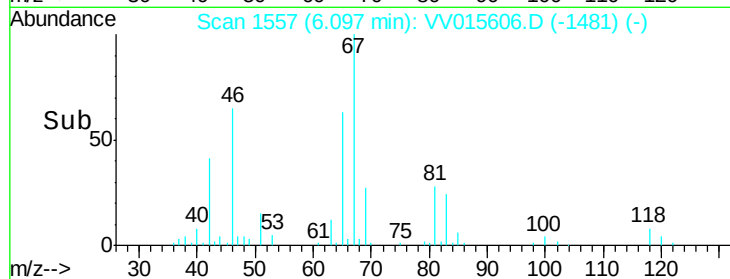
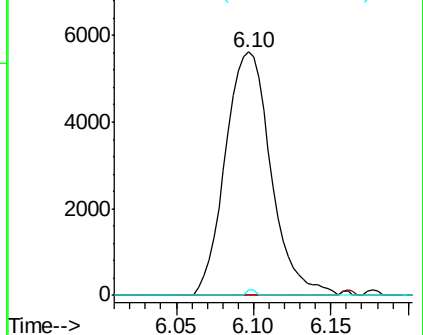
#35
Methvlcvclohexane
Concen: 0.654 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015606.D
Acq: 21 Apr 2020 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11528
Ion Ratio Lower Upper
83 100
55 0.5 66.6 99.8#
98 0.4 38.7 58.1#

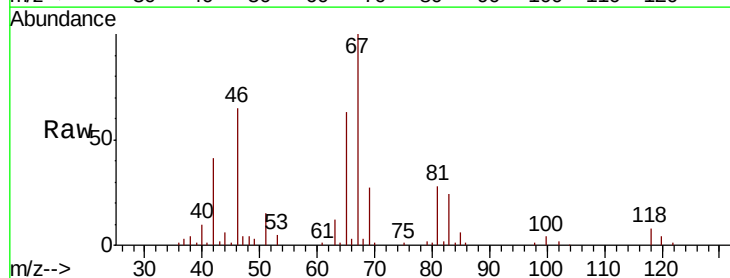


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

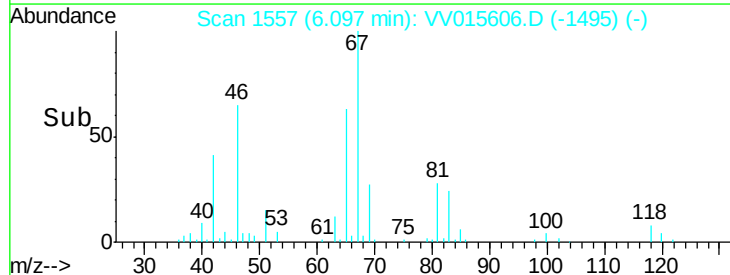
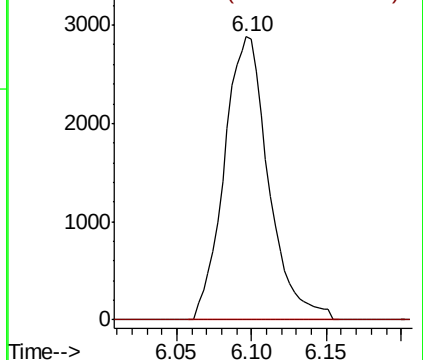


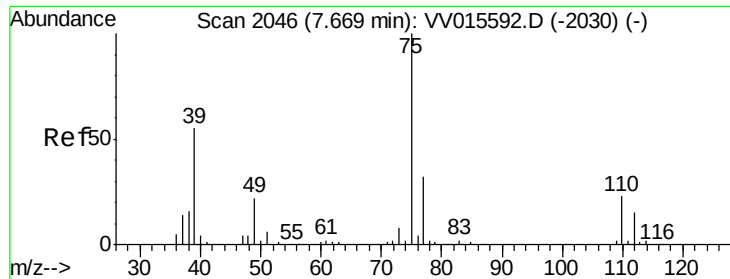
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015606.D
Acq: 21 Apr 2020 17:27

Tgt Ion: 63 Resp: 5944
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015606.D

Acq: 21 Apr 2020 17:27

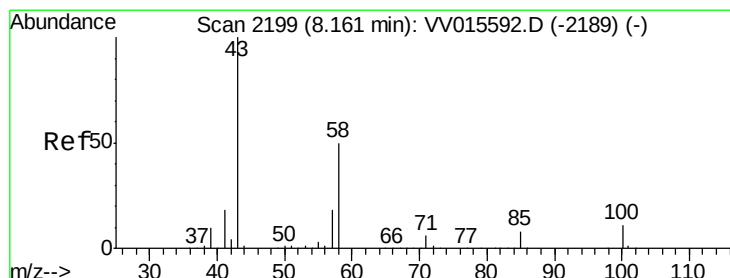
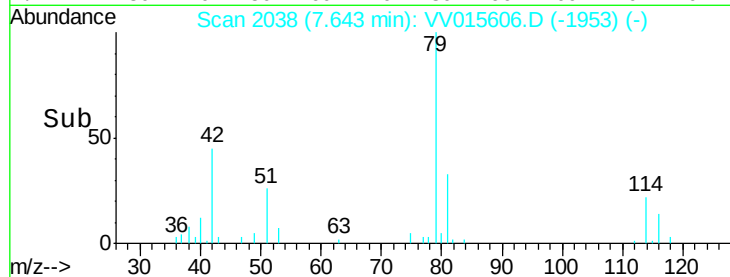
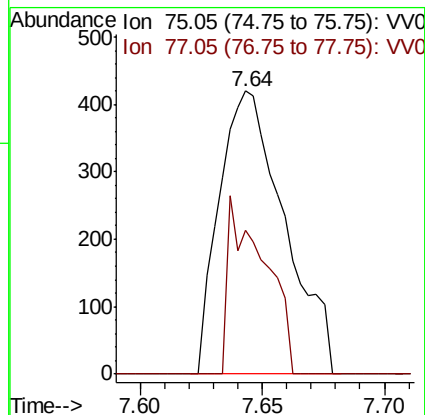
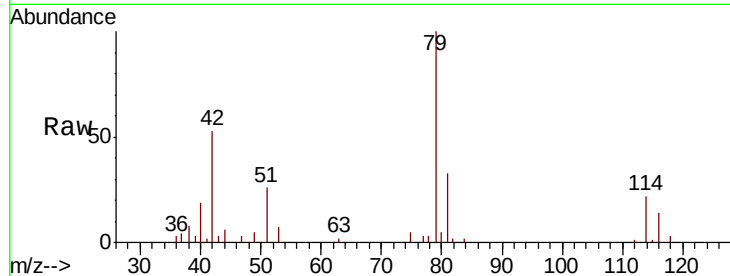
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 780

Ion Ratio Lower Upper

75 100

77 50.7 21.0 39.0#



#48

2-Hexanone

Concen: 2.580 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV015606.D

Acq: 21 Apr 2020 17:27

Tgt Ion: 43 Resp: 11405

Ion Ratio Lower Upper

43 100

58 29.3 41.4 62.0#

57 23.9 15.0 22.4#

100 0.0 9.4 14.2#

