

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015639.D
 Acq On : 22 Apr 2020 22:20
 Operator : SY/MD
 Sample : L2370-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:12:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125497	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55784	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32204	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	30859	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	50236	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.90	46	98207	46.64	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	4.38	84	71166	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	41710	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.08	84	140438	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	44189	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.34	98	128731	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.64	79	11989	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	8.11	63	76361	44.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30885	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	48253	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

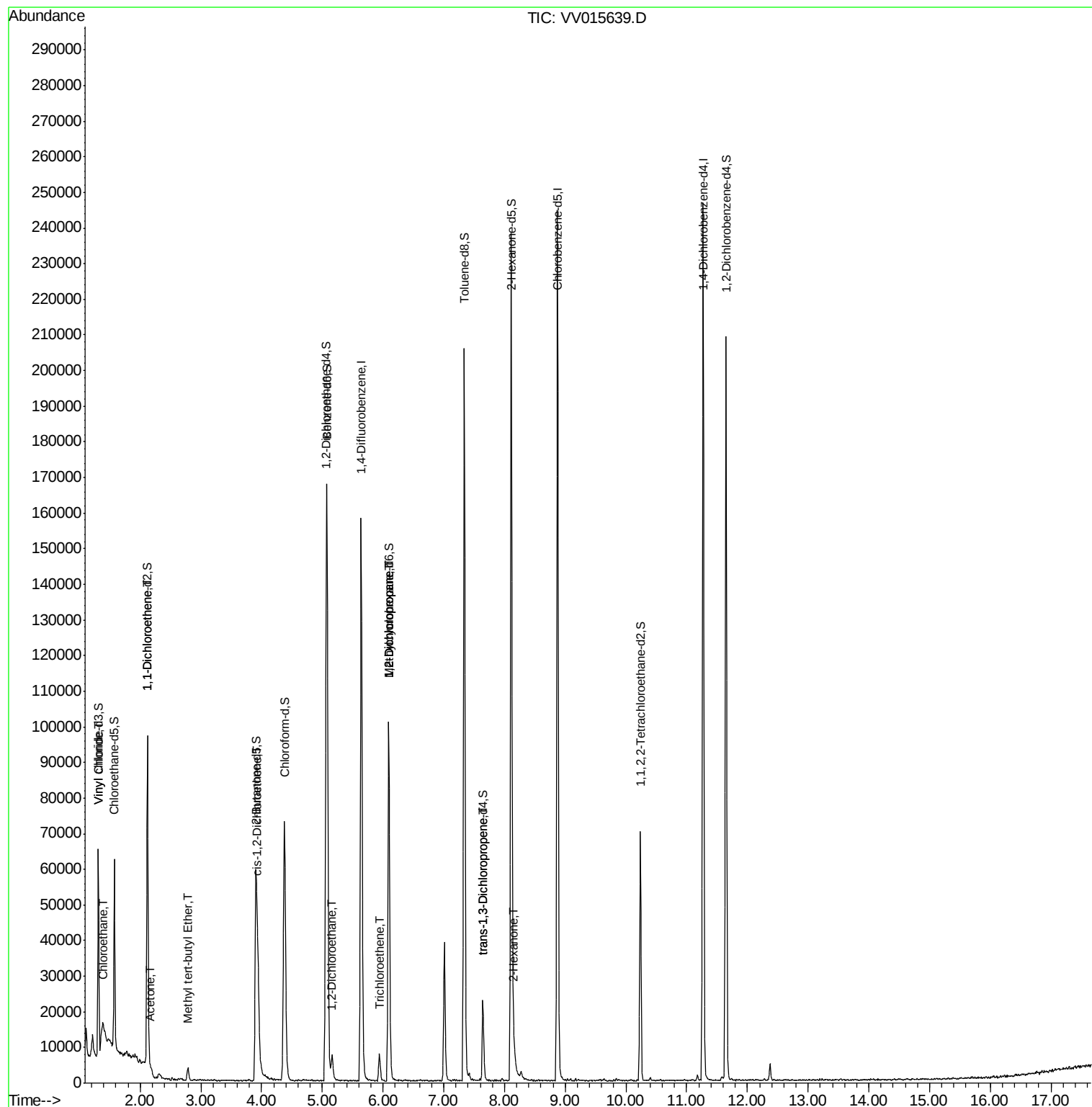
					Ovalue
5) Vinyl chloride	1.32	62	1019	0.103	ug/L # 1
8) Chloroethane	1.38	64	18831	2.887	ug/L # 51
12) 1,1-Dichloroethene	2.13	96	615	0.084	ug/L # 1
13) Acetone	2.18	43	2057	1.407	ug/L 91
17) Methyl tert-butyl Ether	2.78	73	2021	0.099	ug/L # 77
22) cis-1,2-Dichloroethene	3.94	96	9316	1.030	ug/L 90
27) 1,2-Dichloroethane	5.16	62	6270	0.560	ug/L # 93
34) Trichloroethene	5.94	95	2294	0.242	ug/L 94
35) Methylcyclohexane	6.09	83	10846	0.747	ug/L # 16
37) 1,2-Dichloropropane	6.09	63	5725	0.657	ug/L # 86
44) trans-1,3-Dichloropropene	7.64	75	591	0.058	ug/L 87
48) 2-Hexanone	8.16	43	2485	0.617	ug/L # 88

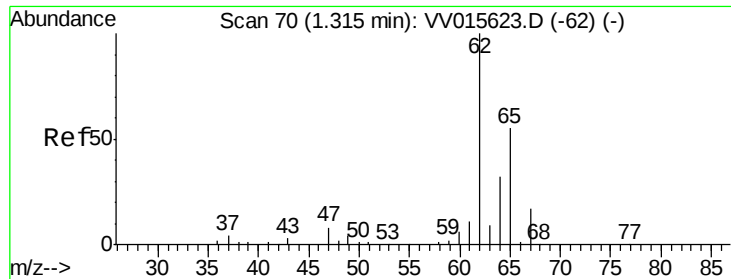
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.103 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015639.D

Acq: 22 Apr 2020 22:20

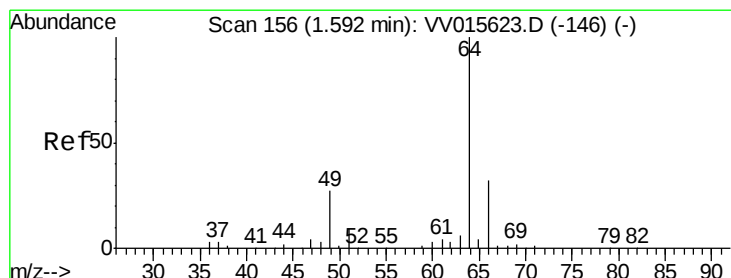
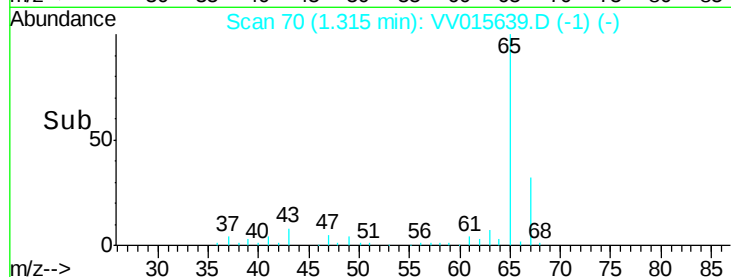
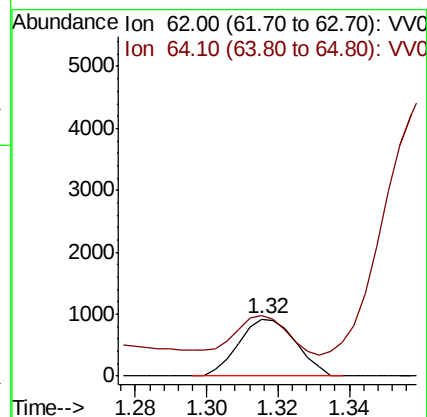
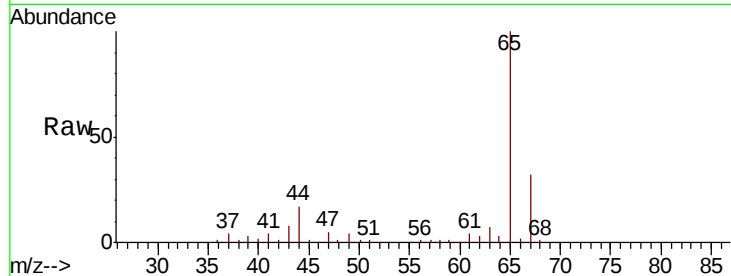
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 1019

Ion Ratio Lower Upper

62 100

64 107.4 22.7 42.1#



#8

Chloroethane

Concen: 2.887 ug/L

RT: 1.38 min Scan# 89

Delta R.T. -0.22 min

Lab File: VV015639.D

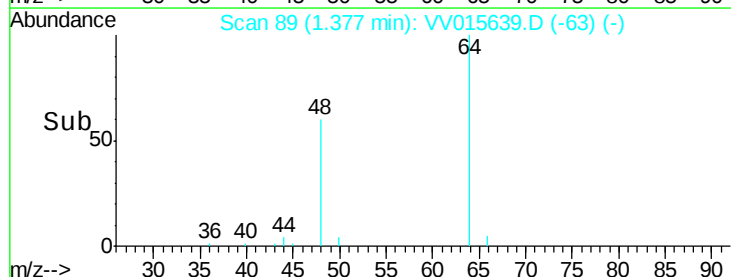
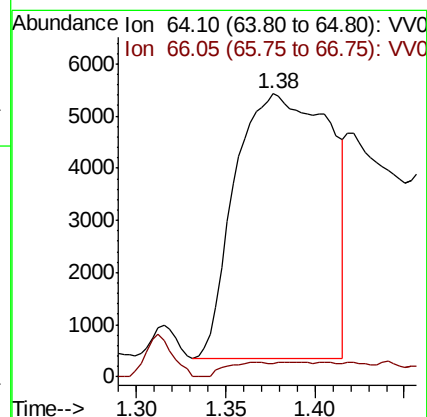
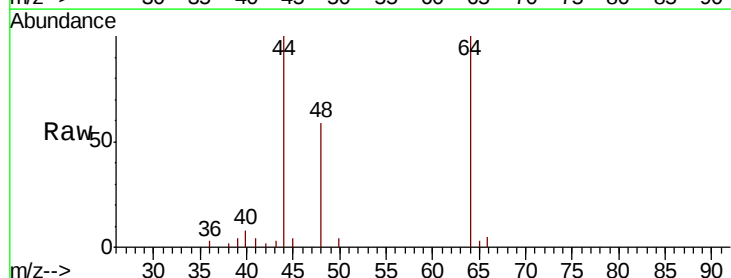
Acq: 22 Apr 2020 22:20

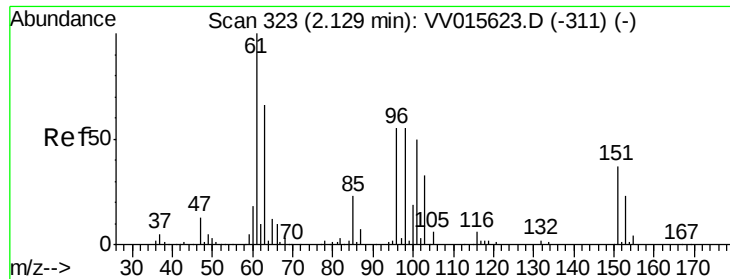
Tgt Ion: 64 Resp: 18831

Ion Ratio Lower Upper

64 100

66 4.8 22.3 41.5#

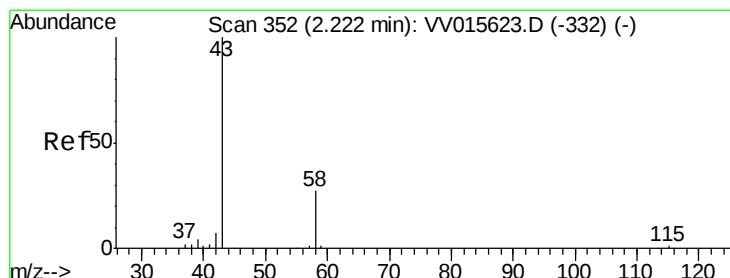
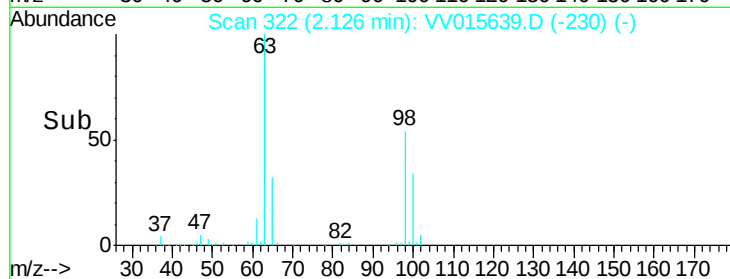
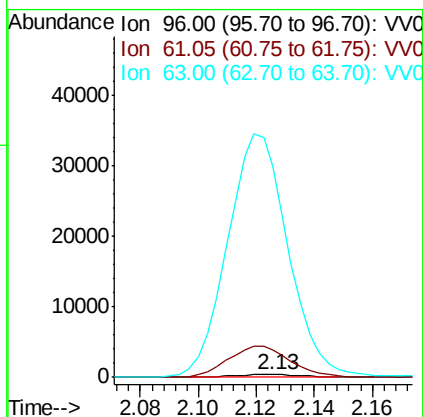
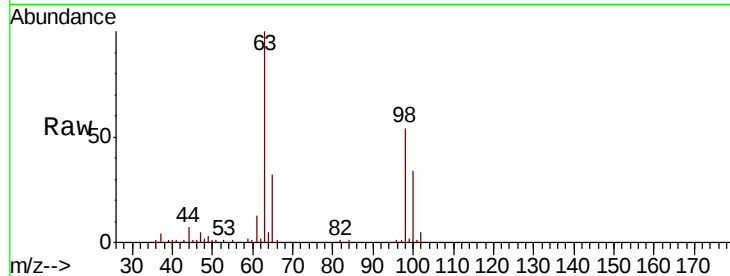




#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV015639.D
 Acq: 22 Apr 2020 22:20

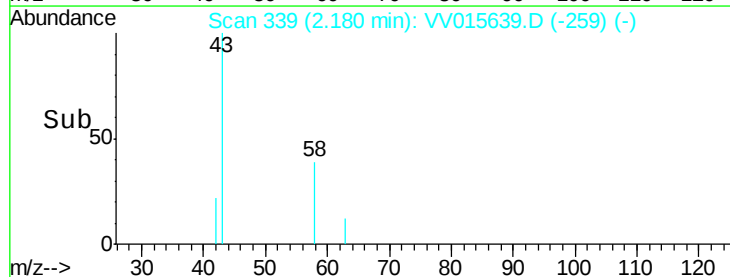
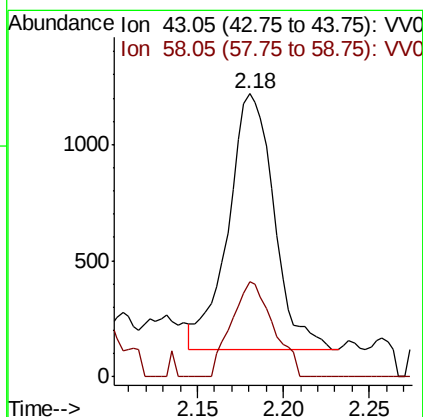
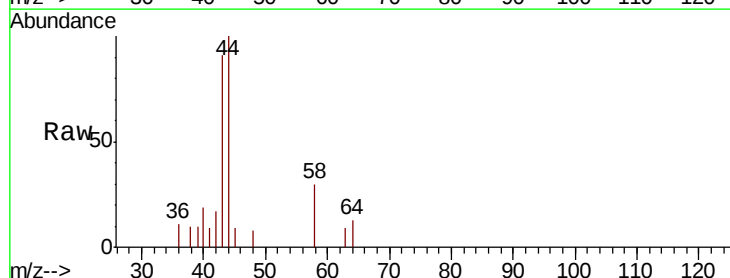
Instrument :
 MSVOA_V
 ClientSampled :

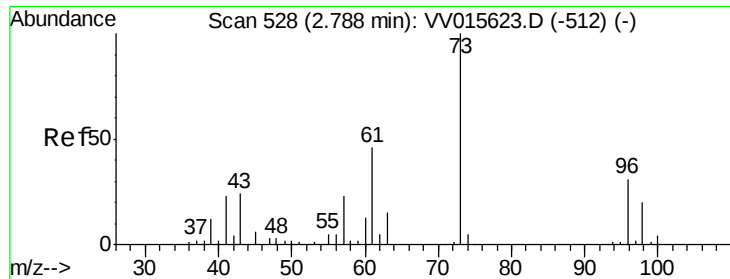
Tot Ion: 96 Resp: 615
 Ion Ratio Lower Upper
 96 100
 61 1052.2 130.1 241.7#
 63 8106.5 91.4 169.8#



#13
 Acetone
 Concen: 1.407 ug/L
 RT: 2.18 min Scan# 339
 Delta R.T. -0.04 min
 Lab File: VV015639.D
 Acq: 22 Apr 2020 22:20

Tgt Ion: 43 Resp: 2057
 Ion Ratio Lower Upper
 43 100
 58 33.8 0.0 57.6

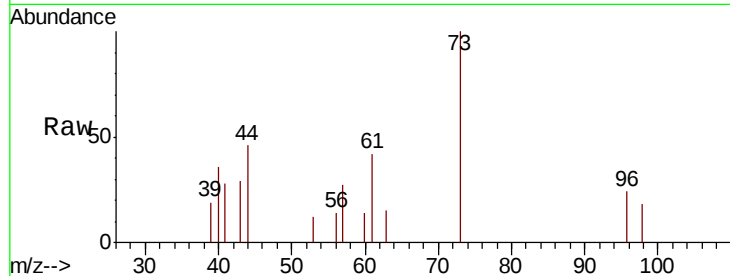




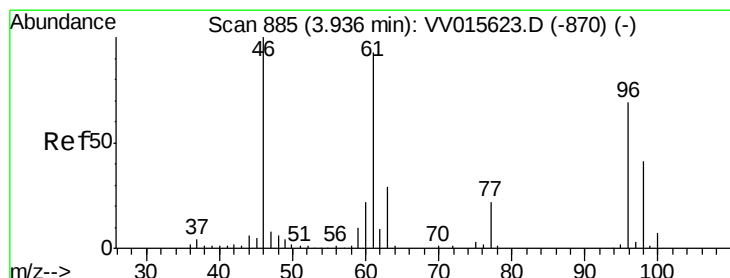
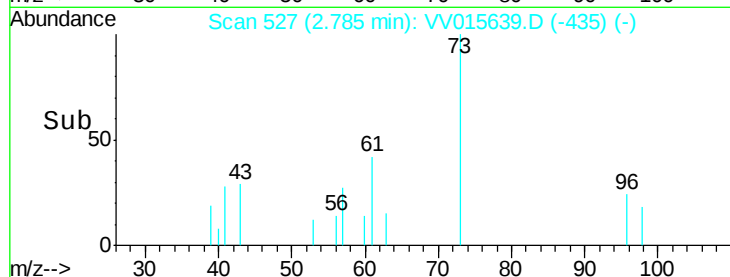
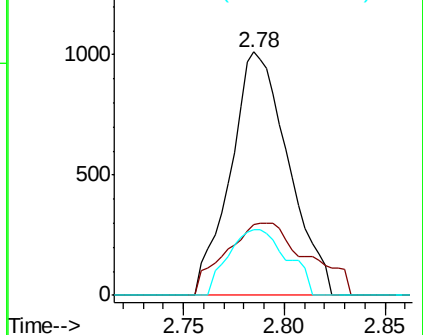
#17
Methvl tert-butvl Ether
Concen: 0.099 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV015639.D
Acq: 22 Apr 2020 22:20

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 73 Resp: 2021
Ion Ratio Lower Upper
73 100
43 41.9 20.1 30.1#
57 27.6 17.8 26.8#

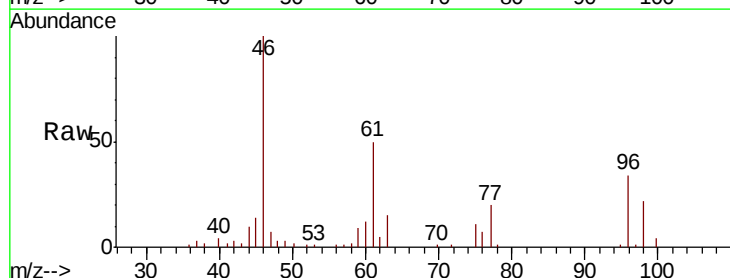


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

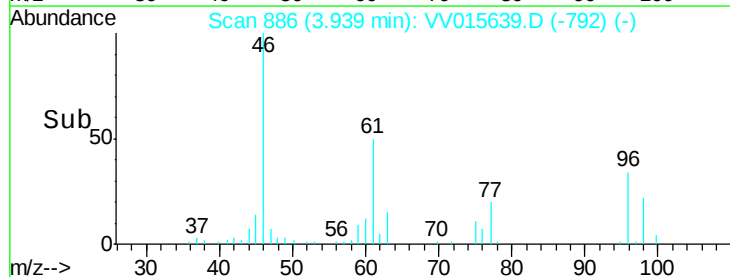
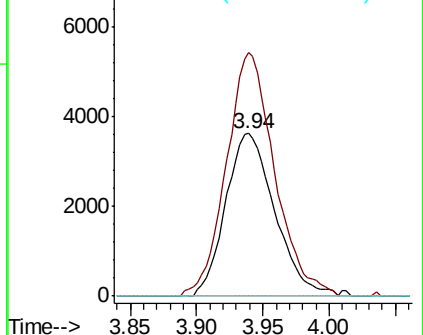


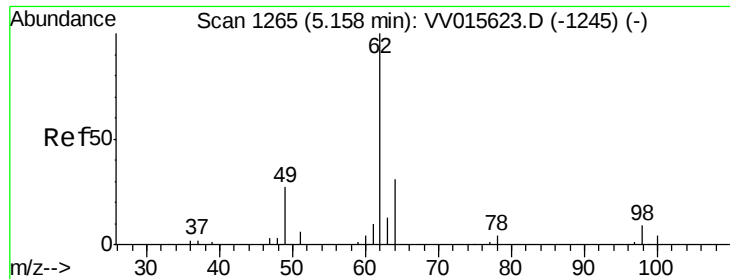
#22
cis-1,2-Dichloroethene
Concen: 1.030 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015639.D
Acq: 22 Apr 2020 22:20

Tgt Ion: 96 Resp: 9316
Ion Ratio Lower Upper
96 100
61 149.5 96.4 179.0
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

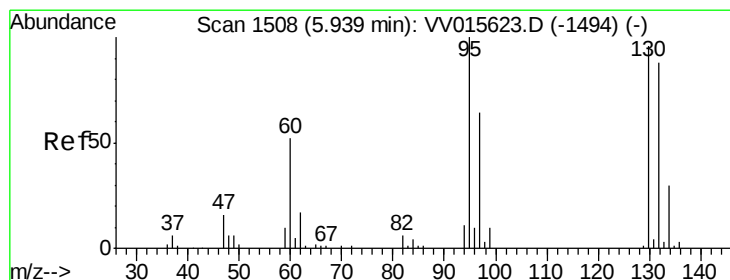
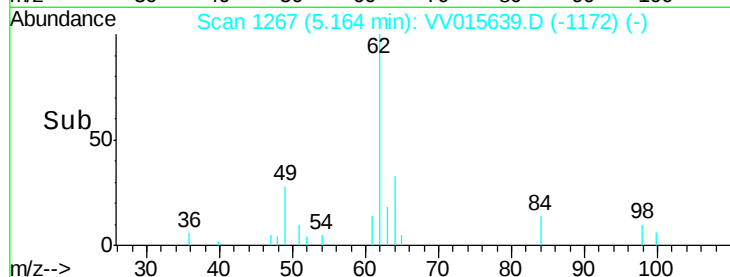
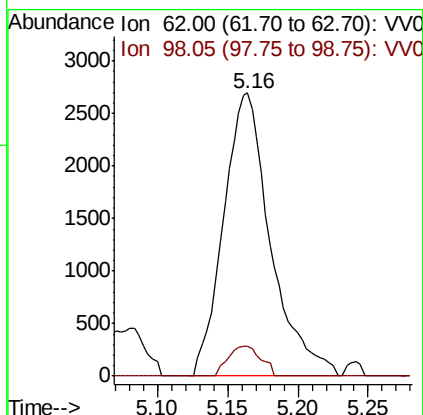
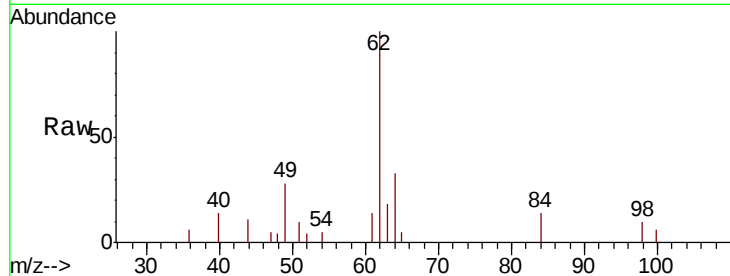




#27
 1,2-Dichloroethane
 Concen: 0.560 ug/L
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV015639.D
 Acq: 22 Apr 2020 22:20

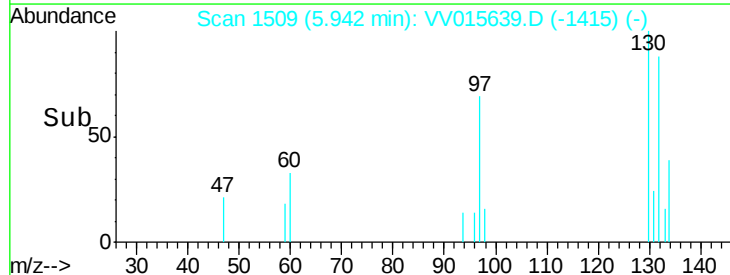
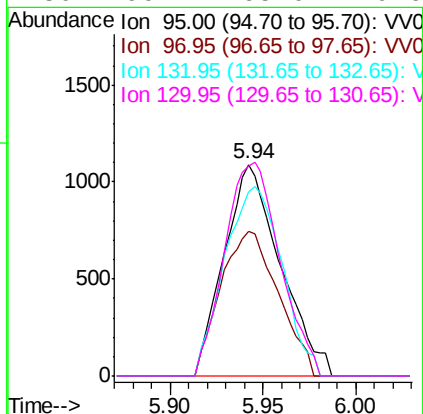
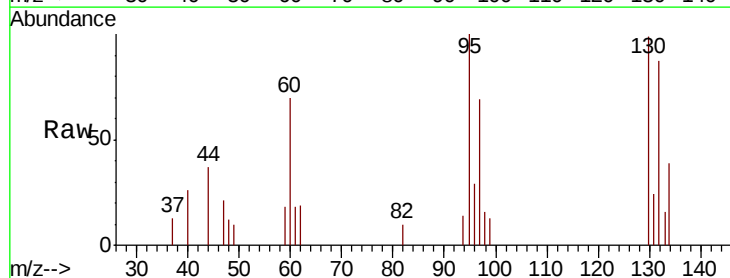
Instrument :
 MSVOA_V
 ClientSampleId :

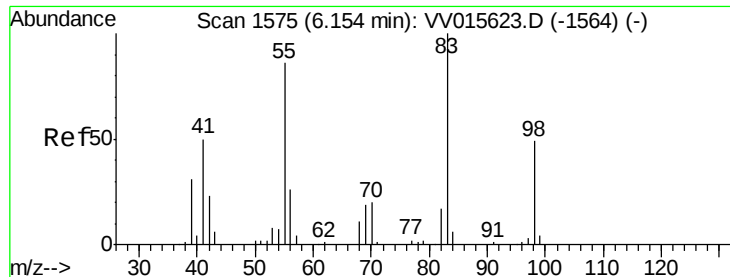
Tot Ion: 62 Resp: 6270
 Ion Ratio Lower Upper
 62 100
 98 10.4 6.3 9.5#



#34
 Trichloroethene
 Concen: 0.242 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV015639.D
 Acq: 22 Apr 2020 22:20

Tgt Ion: 95 Resp: 2294
 Ion Ratio Lower Upper
 95 100
 97 68.8 44.7 82.9
 132 87.2 65.2 121.0
 130 99.4 65.0 120.6

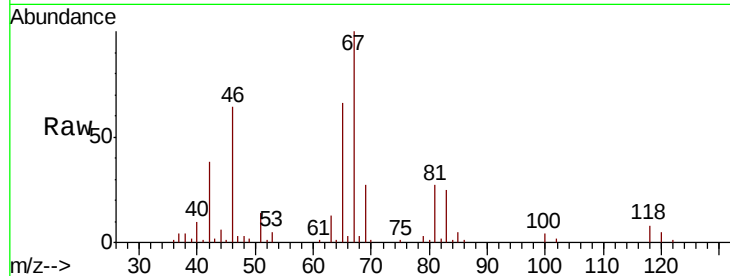




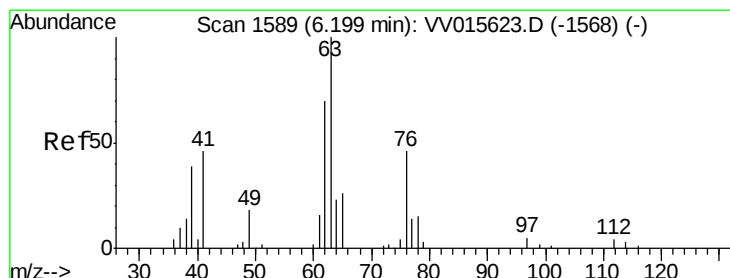
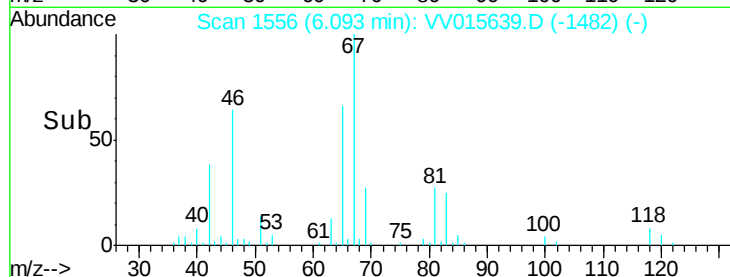
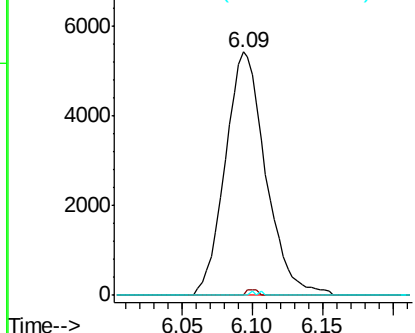
#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015639.D
Acq: 22 Apr 2020 22:20

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10846
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.4 39.5 59.3#

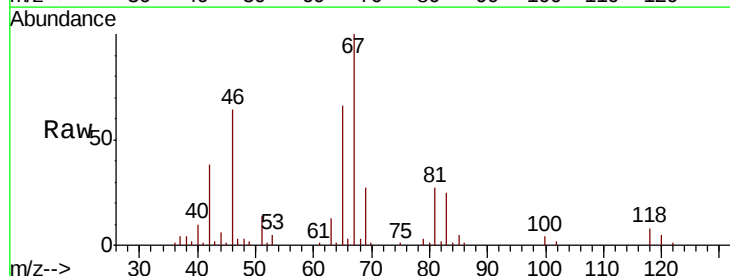


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

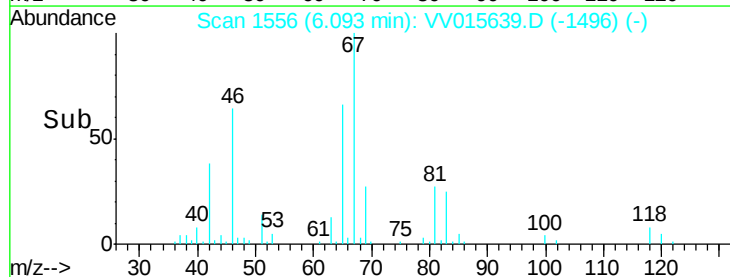
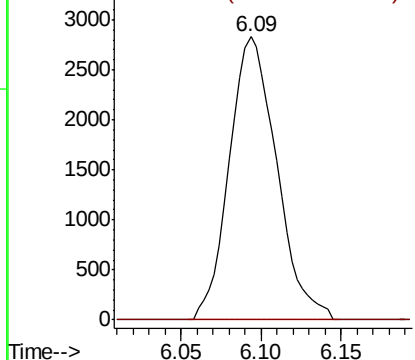


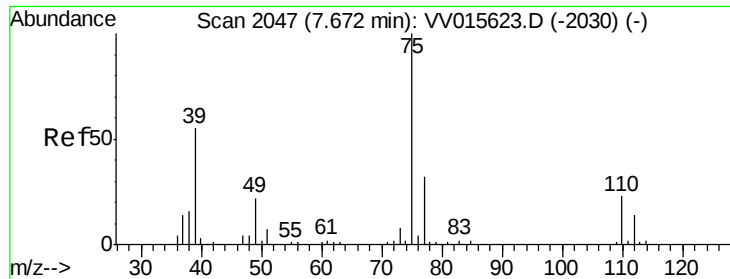
#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015639.D
Acq: 22 Apr 2020 22:20

Tgt Ion: 63 Resp: 5725
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: 0.058 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015639.D

Acq: 22 Apr 2020 22:20

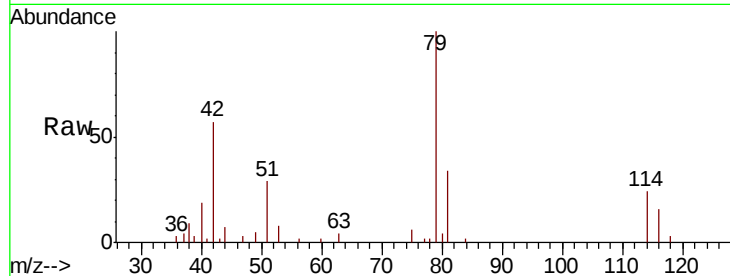
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 591

Ion Ratio Lower Upper

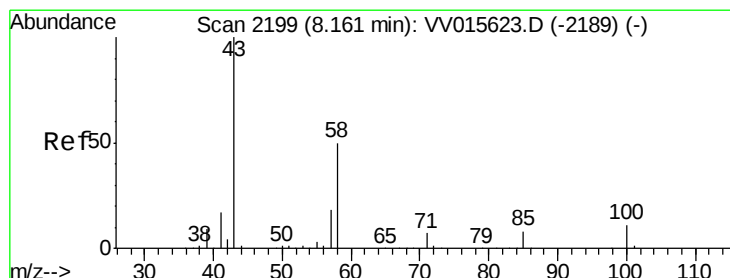
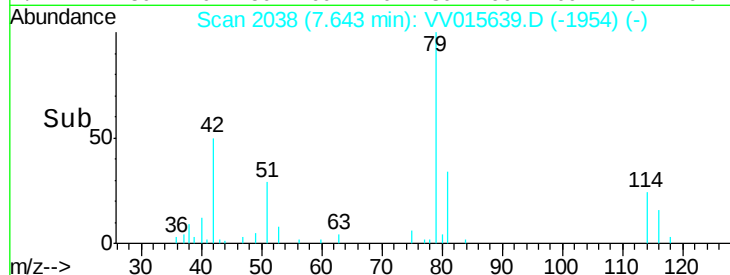
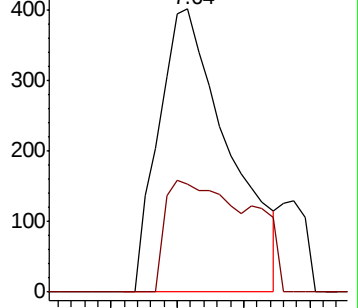
75 100

77 38.3 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.617 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV015639.D

Acq: 22 Apr 2020 22:20

Tgt Ion: 43 Resp: 2485

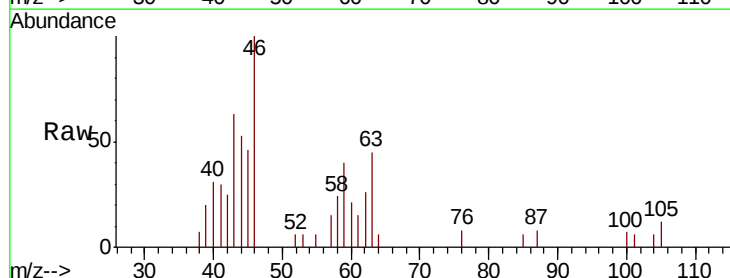
Ion Ratio Lower Upper

43 100

58 45.3 41.1 61.7

57 9.5 15.0 22.4#

100 5.9 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

