

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015632.D
 Acq On : 22 Apr 2020 19:36
 Operator : SY/MD
 Sample : L2366-07DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:10:37 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	131392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32430	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.57	69	31903	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.12	63	51744	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.95	46	114539	51.95	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.90%
24) Chloroform-d	4.38	84	76836	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	45640	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.07	84	147391	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.09	67	47035	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	137070	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.64	79	15887	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.11	63	87291	49.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33644	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	51559	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

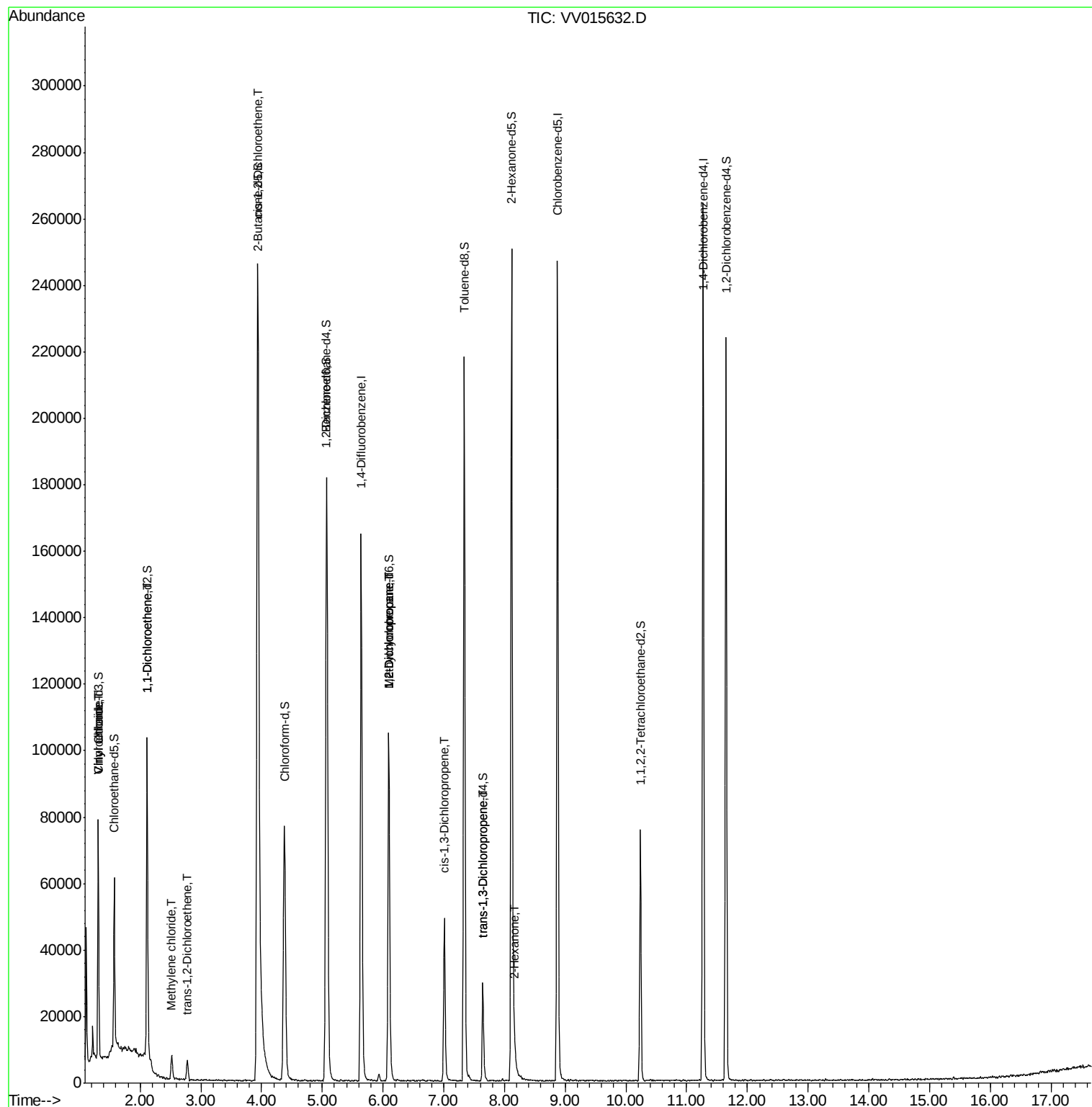
					Ovalue
5) Vinyl chloride	1.32	62	7678	0.738	ug/L 90
8) Chloroethane	1.31	64	2885	0.422	ug/L 98
12) 1,1-Dichloroethene	2.12	96	892	0.117	ug/L # 1
16) Methylene chloride	2.52	84	2978	0.315	ug/L 91
18) trans-1,2-Dichloroethene	2.78	96	2206	0.258	ug/L 84
22) cis-1,2-Dichloroethene	3.94	96	114778	12.124	ug/L 98
35) Methylcyclohexane	6.09	83	12089	0.818	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	5912	0.667	ug/L # 86
39) cis-1,3-Dichloropropene	7.01	75	1340	0.108	ug/L # 74
44) trans-1,3-Dichloropropene	7.65	75	819	0.079	ug/L # 66
48) 2-Hexanone	8.17	43	2907	0.708	ug/L # 48

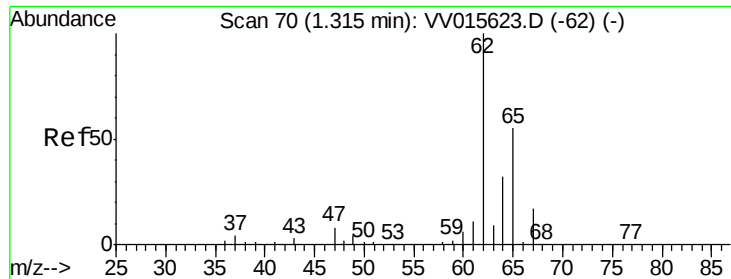
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.738 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015632.D

Acq: 22 Apr 2020 19:36

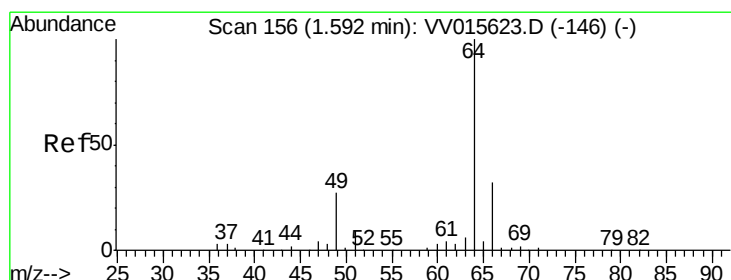
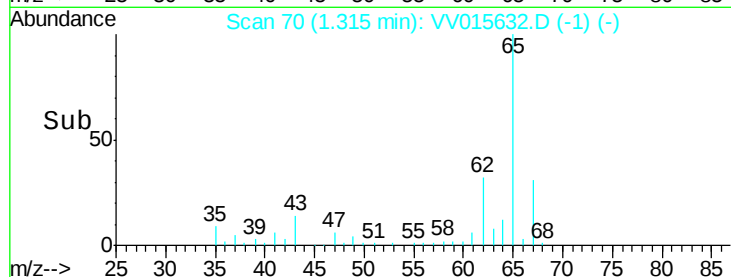
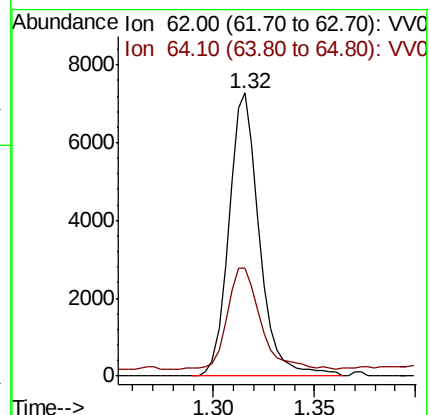
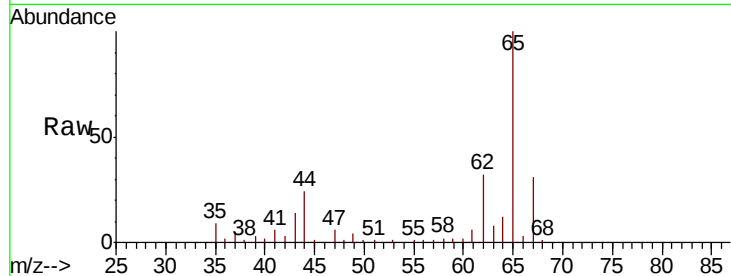
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 7678

Ion Ratio Lower Upper

62 100

64 38.0 22.7 42.1



#8

Chloroethane

Concen: 0.422 ug/L

RT: 1.31 min Scan# 69

Delta R.T. -0.28 min

Lab File: VV015632.D

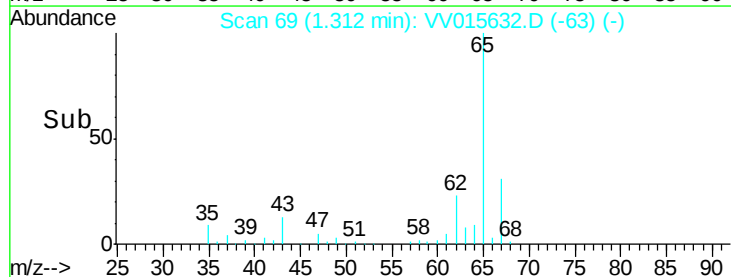
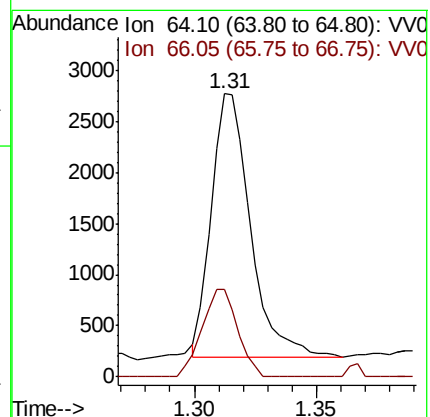
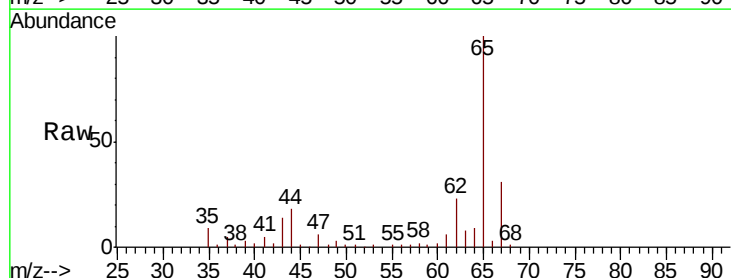
Acq: 22 Apr 2020 19:36

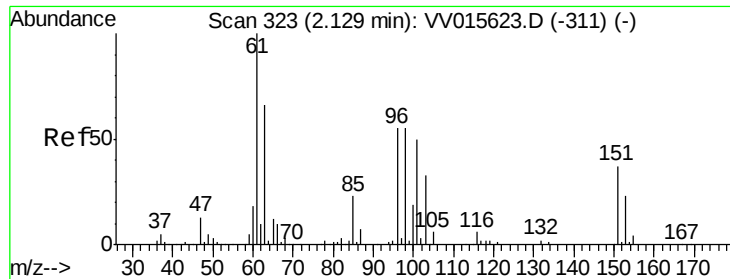
Tgt Ion: 64 Resp: 2885

Ion Ratio Lower Upper

64 100

66 31.0 22.3 41.5





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015632.D

Acq: 22 Apr 2020 19:36

Instrument :

MSVOA_V

ClientSampled :

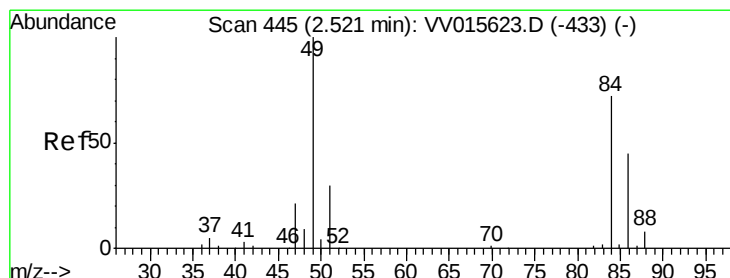
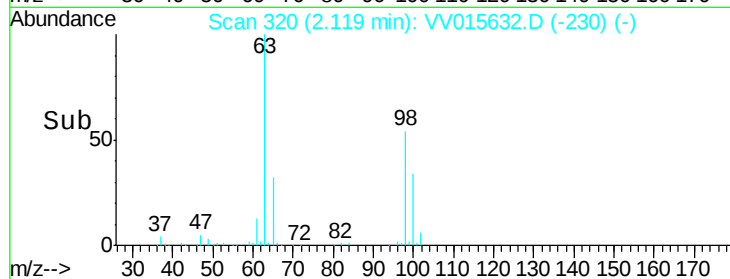
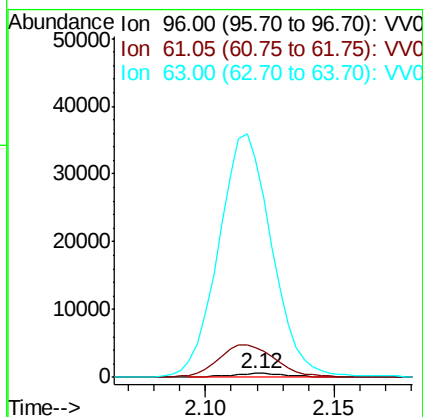
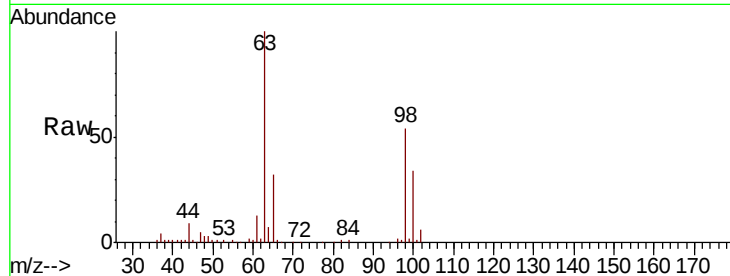
Tot Ion: 96 Resp: 892

Ion Ratio Lower Upper

96 100

61 804.8 130.1 241.7#

63 5979.3 91.4 169.8#



#16

Methylene chloride

Concen: 0.315 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015632.D

Acq: 22 Apr 2020 19:36

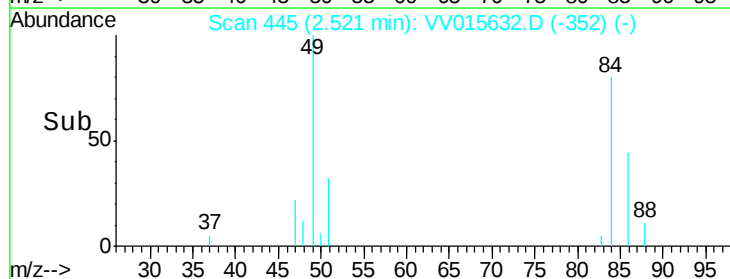
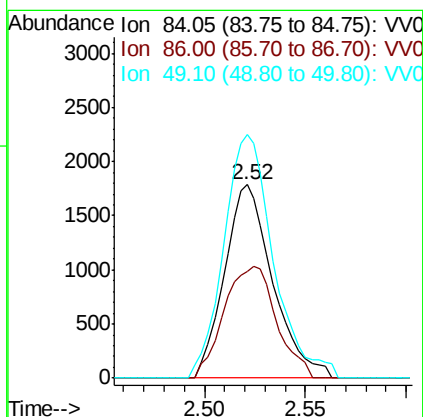
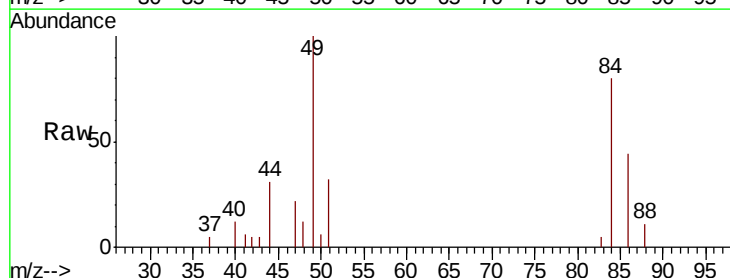
Tgt Ion: 84 Resp: 2978

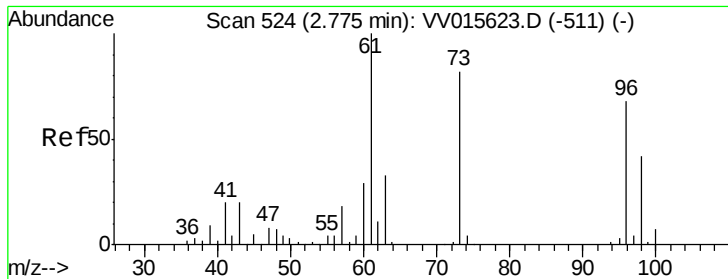
Ion Ratio Lower Upper

84 100

86 55.2 45.1 83.7

49 125.7 94.4 175.4

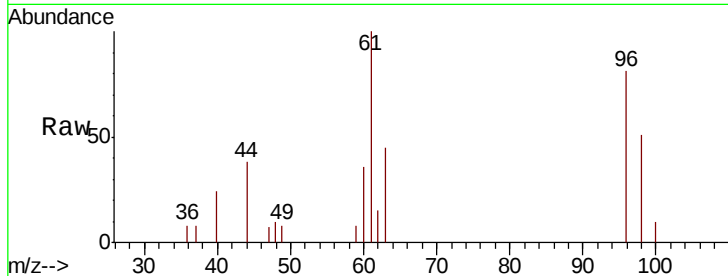




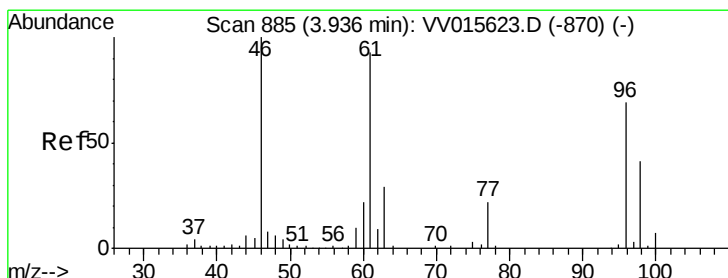
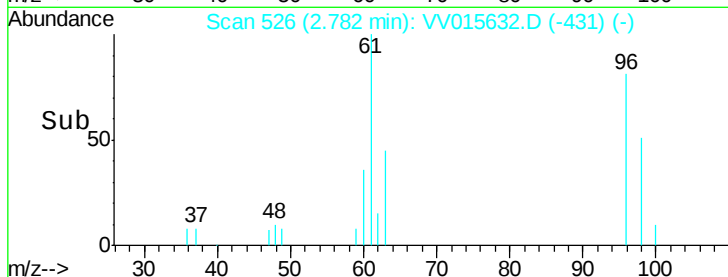
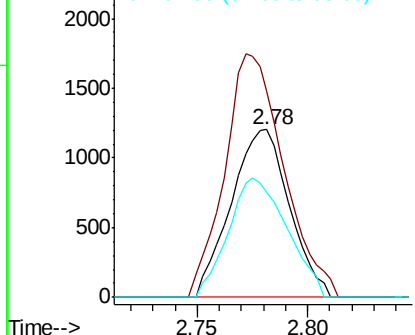
#18
trans-1,2-Dichloroethene
Concen: 0.258 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV015632.D
Acq: 22 Apr 2020 19:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 2206
Ion Ratio Lower Upper
96 100
61 122.8 105.5 195.9
98 62.8 44.2 82.0

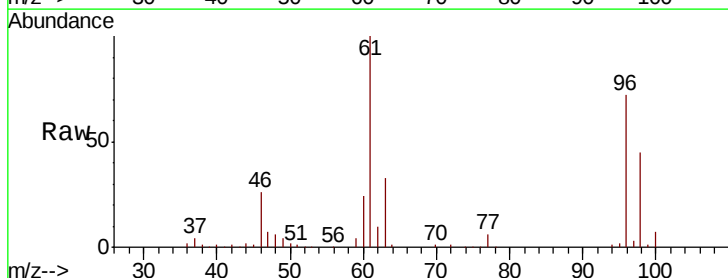


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

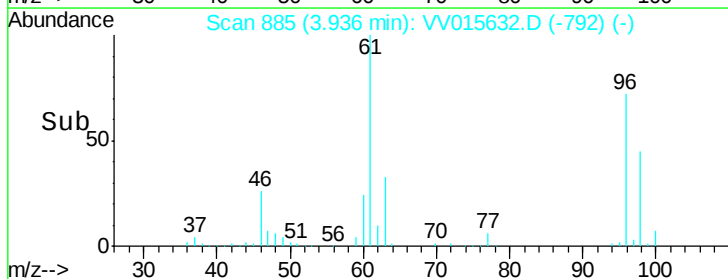
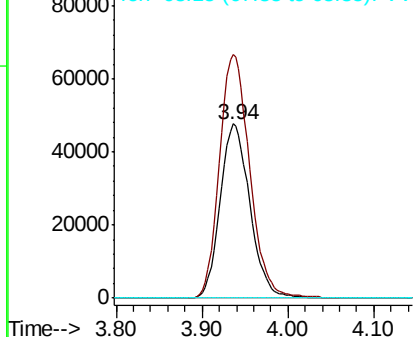


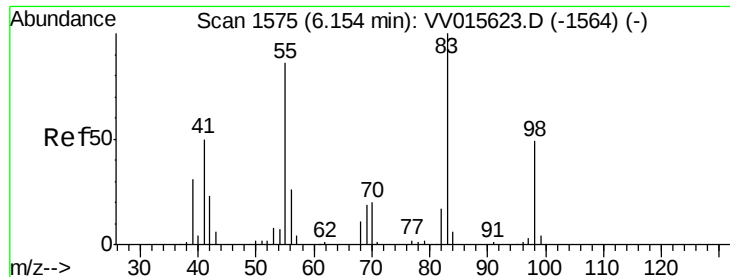
#22
cis-1,2-Dichloroethene
Concen: 12.124 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015632.D
Acq: 22 Apr 2020 19:36

Tgt Ion: 96 Resp: 114778
Ion Ratio Lower Upper
96 100
61 139.8 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

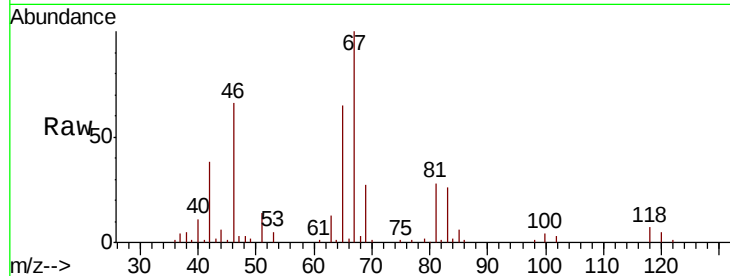




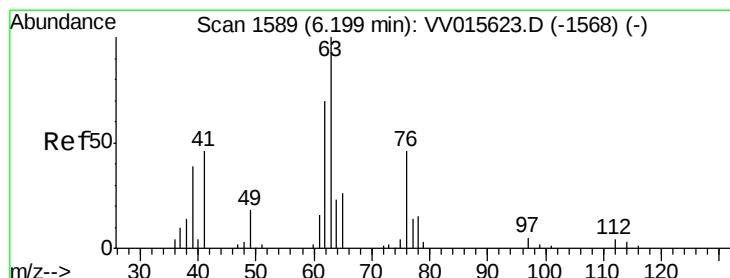
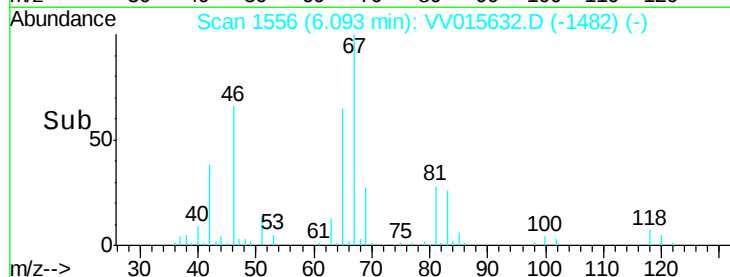
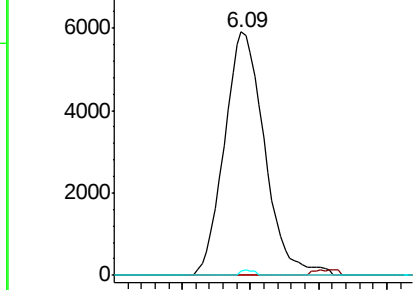
#35
Methvlcvclohexane
Concen: 0.818 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015632.D
Acq: 22 Apr 2020 19:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12089
Ion Ratio Lower Upper
83 100
55 1.3 66.6 99.8#
98 0.7 39.5 59.3#

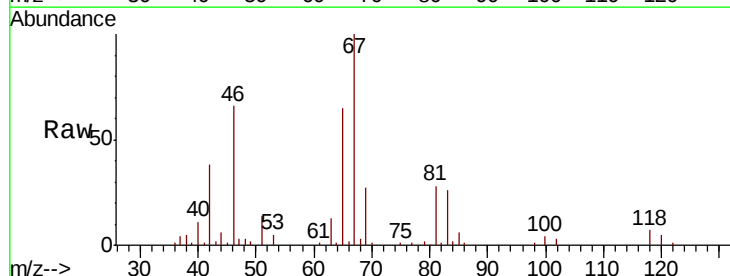


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

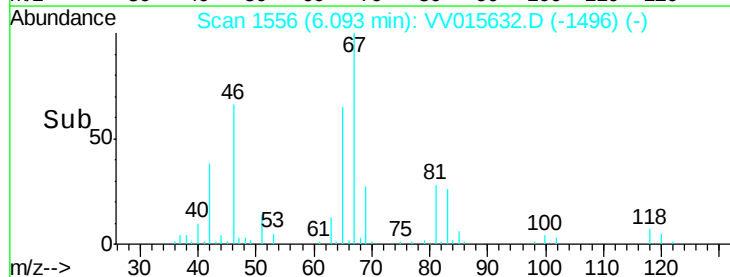
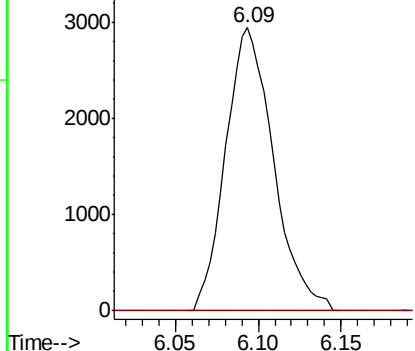


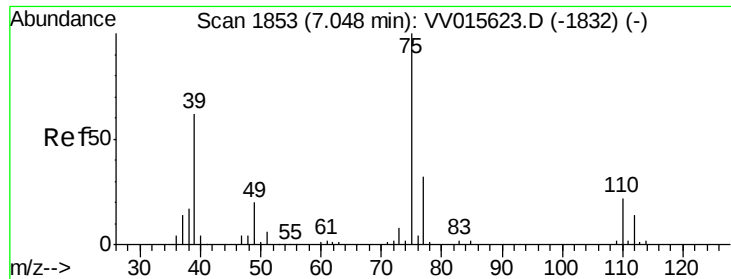
#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015632.D
Acq: 22 Apr 2020 19:36

Tgt Ion: 63 Resp: 5912
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

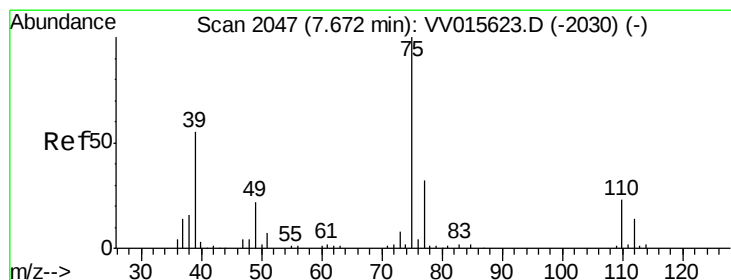
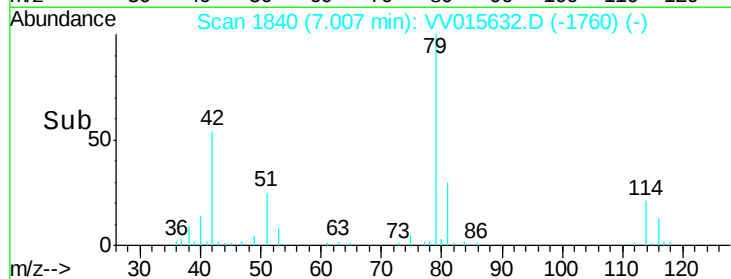
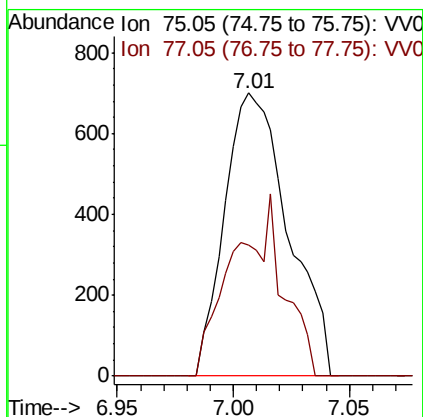
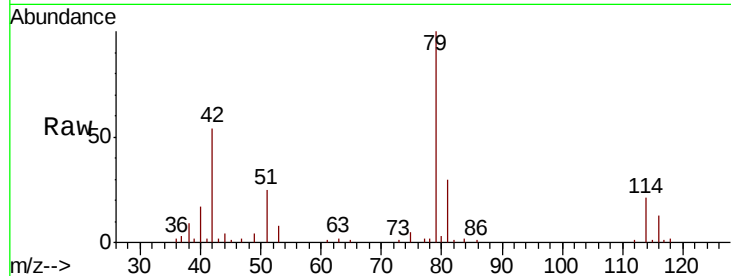




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015632.D
 Acq: 22 Apr 2020 19:36

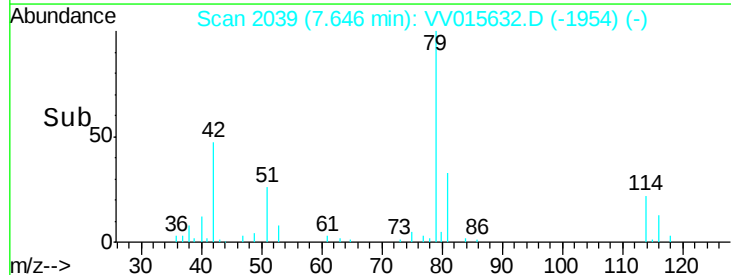
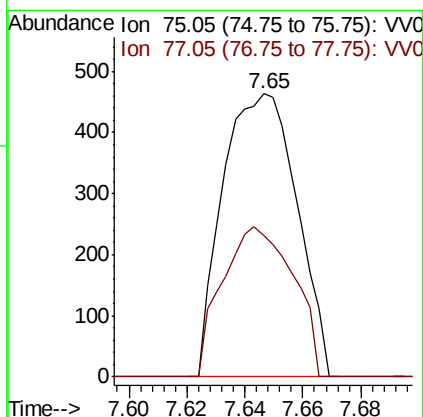
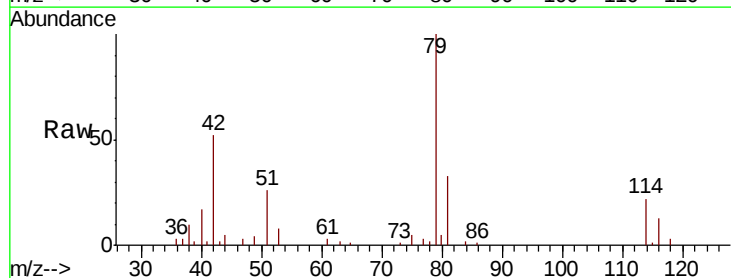
Instrument :
 MSVOA_V
 ClientSampleId :

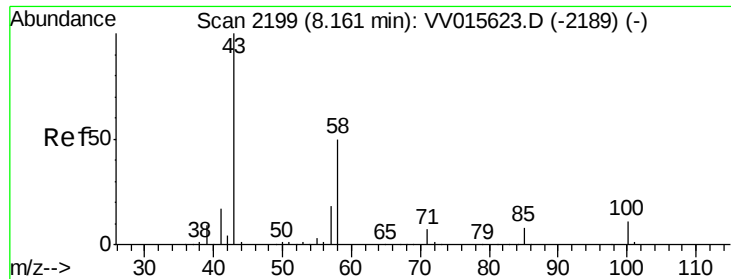
Tot Ion: 75 Resp: 1340
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015632.D
 Acq: 22 Apr 2020 19:36

Tgt Ion: 75 Resp: 819
 Ion Ratio Lower Upper
 75 100
 77 49.9 21.8 40.6#





#48
 2-Hexanone
 Concen: 0.708 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015632.D
 Acq: 22 Apr 2020 19:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	2907
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	9.4	15.0	22.4#
100	10.6	9.0	13.4

