

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015695.D
 Acq On : 25 Apr 2020 15:31
 Operator : SY/MD
 Sample : L2413-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:15:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120677	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118575	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25817	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	27157	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	43016	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.94	46	103889	51.30	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.38	84	69957	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	41523	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	131066	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.10	67	42624	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	117947	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.65	79	12557	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
46) 2-Hexanone-d5	8.11	63	76669	44.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32098	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	46188	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

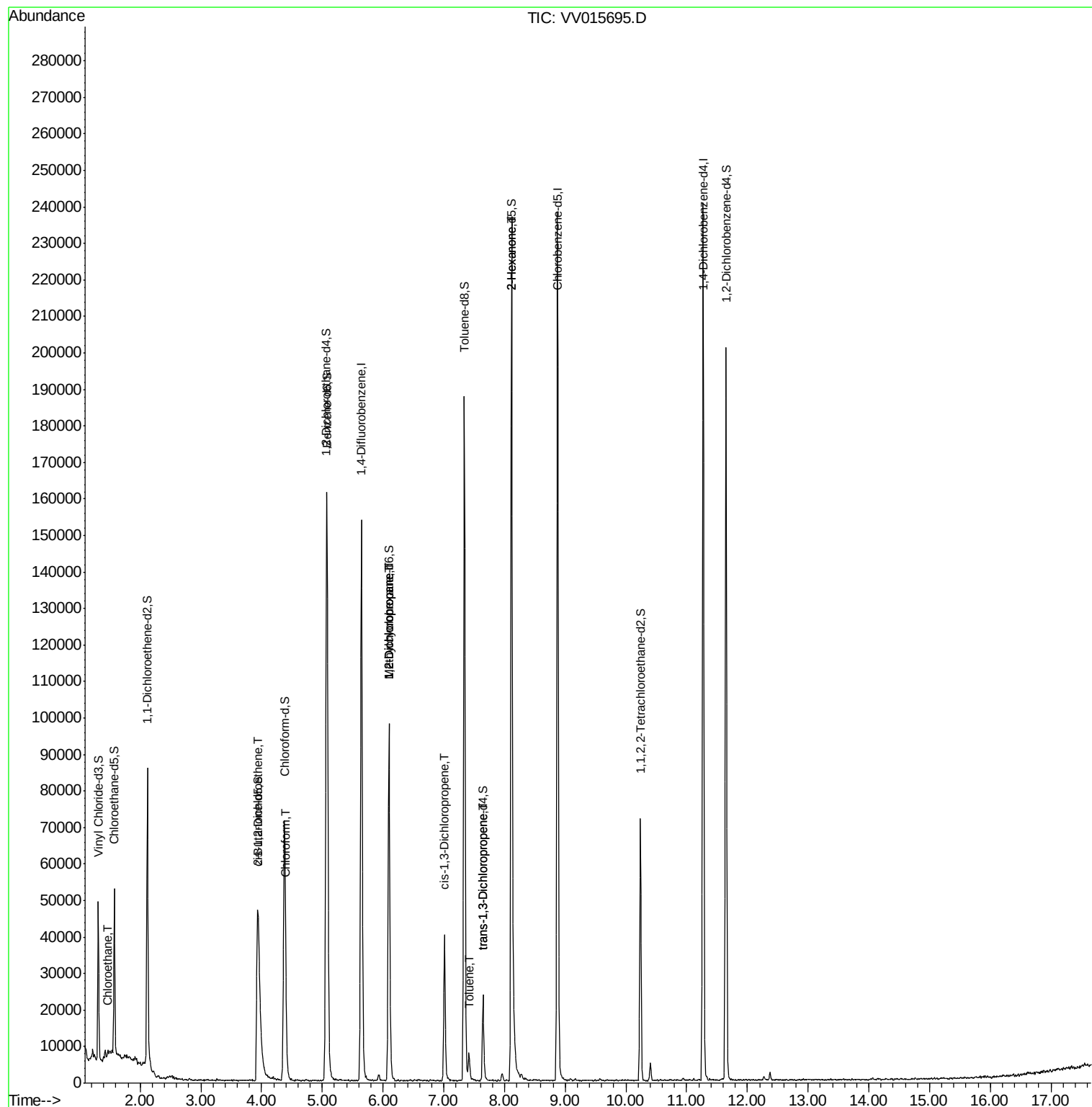
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.47	64	4051	0.646	ug/L #	57
22) cis-1,2-Dichloroethene	3.95	96	864	0.099	ug/L	84
25) Chloroform	4.41	83	4068	0.248	ug/L	84
35) Methylcyclohexane	6.10	83	10455	0.728	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5491	0.638	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1167	0.097	ug/L #	57
42) Toluene	7.42	91	4931	0.136	ug/L	98
44) trans-1,3-Dichloropropene	7.65	75	679	0.067	ug/L #	43
48) 2-Hexanone	8.11	43	11602	2.911	ug/L #	79

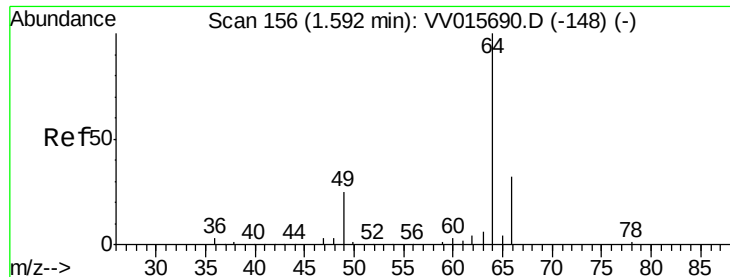
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.646 ug/L

RT: 1.47 min Scan# 117

Delta R.T. -0.13 min

Lab File: VV015695.D

Acq: 25 Apr 2020 15:31

Instrument :

MSVOA_V

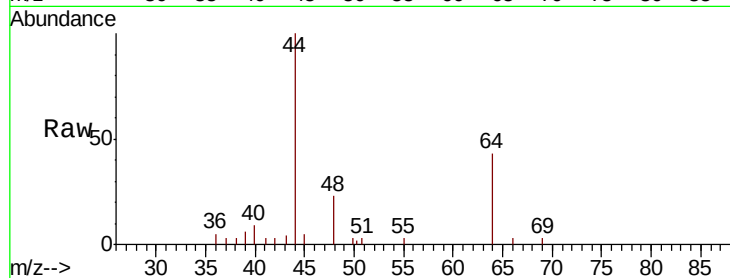
ClientSampleId :

Tot Ion: 64 Resp: 4051

Ion Ratio Lower Upper

64 100

66 7.7 22.3 41.5#



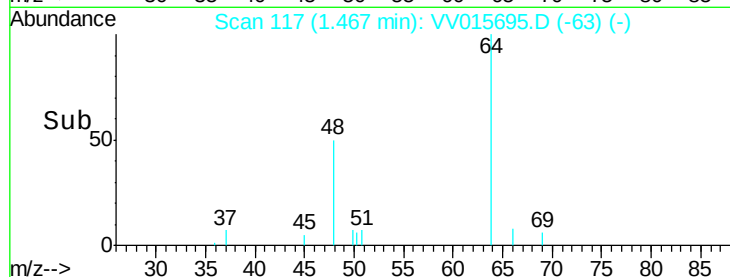
Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

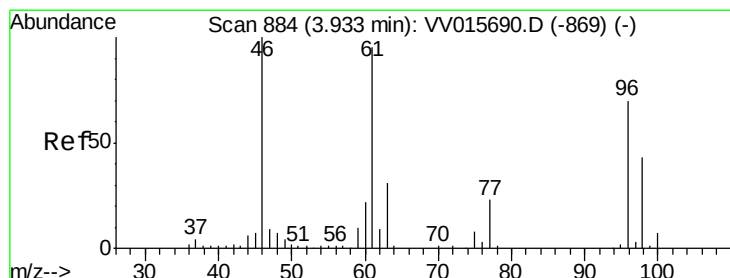
1.47

1.45

1.50



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.099 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.02 min

Lab File: VV015695.D

Acq: 25 Apr 2020 15:31

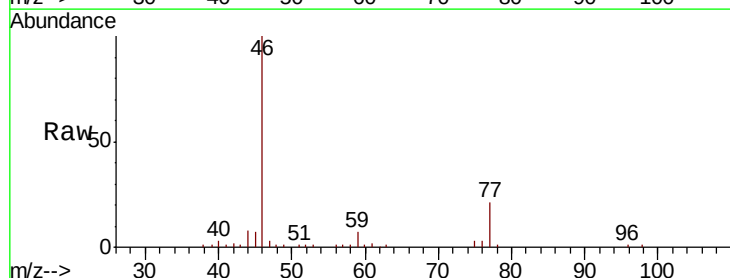
Tgt Ion: 96 Resp: 864

Ion Ratio Lower Upper

96 100

61 118.5 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

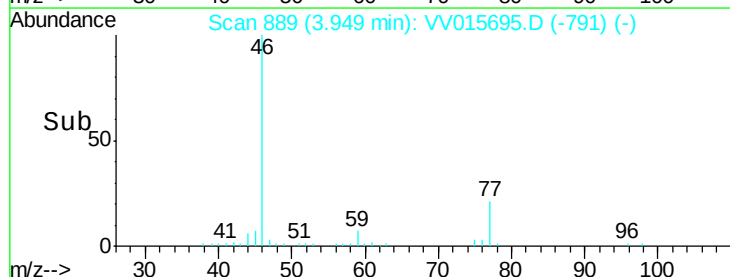
Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

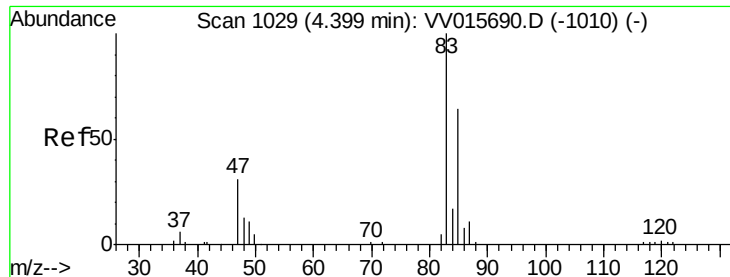
3.95

3.90

4.00



Time-->



#25

Chloroform

Concen: 0.248 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015695.D

Acq: 25 Apr 2020 15:31

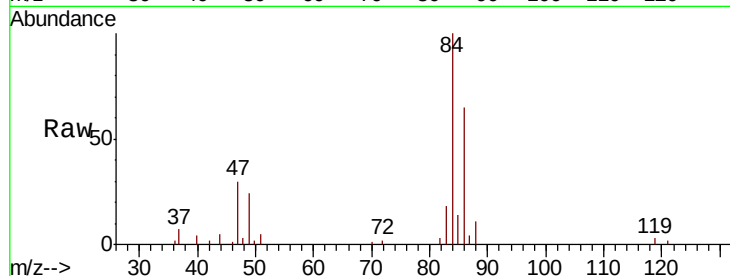
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 4068

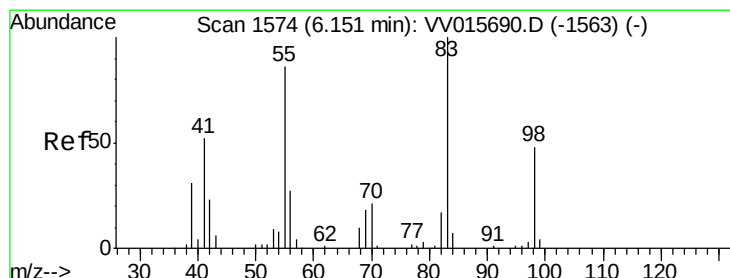
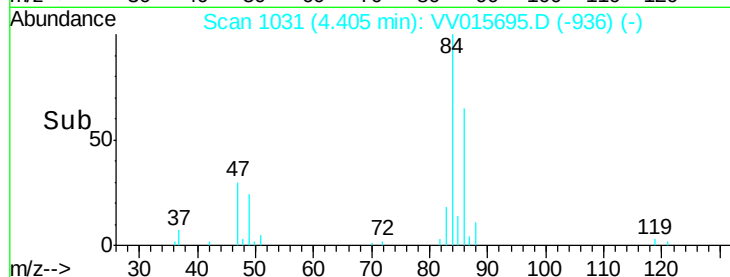
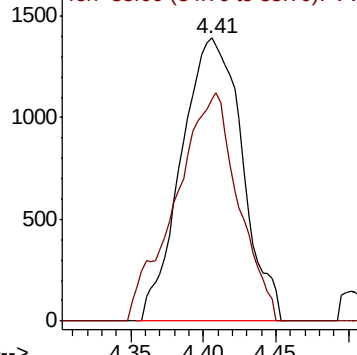
Ion Ratio Lower Upper

83 100

85 78.2 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV015695.D

Acq: 25 Apr 2020 15:31

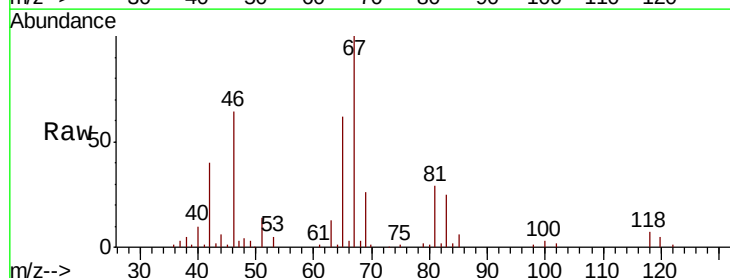
Tgt Ion: 83 Resp: 10455

Ion Ratio Lower Upper

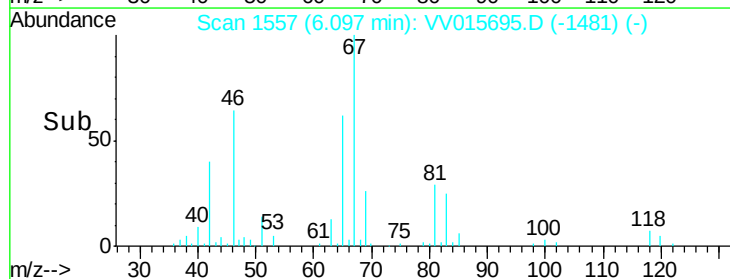
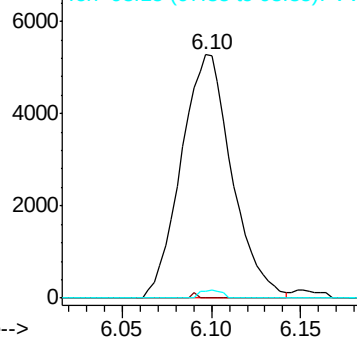
83 100

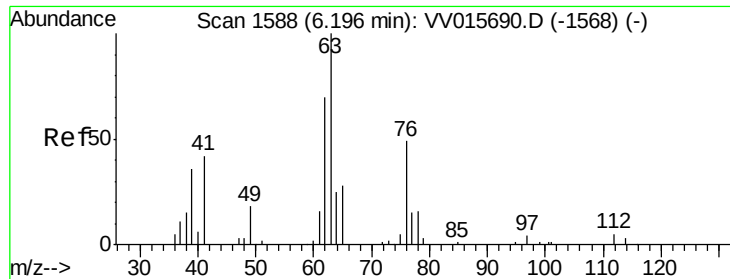
55 0.2 66.6 99.8#

98 1.4 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

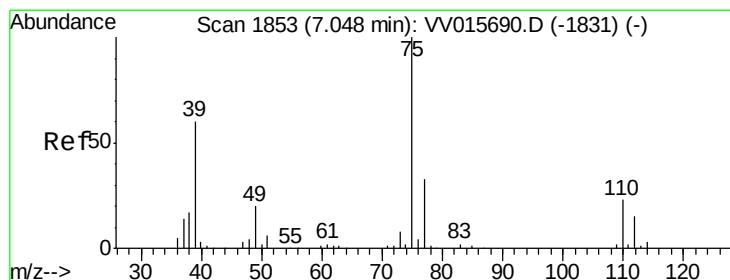
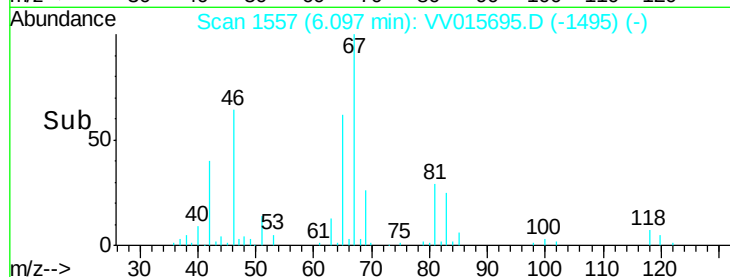
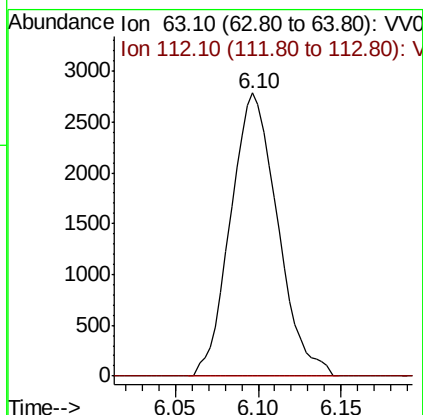
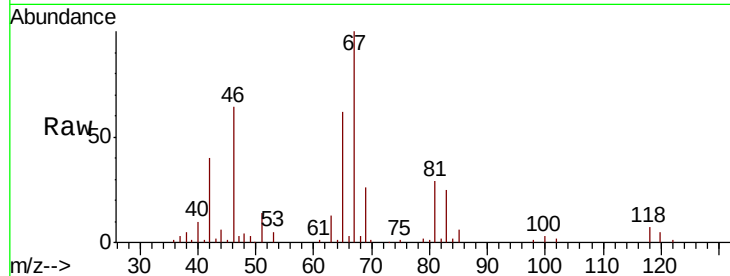




#37
 1,2-Dichloropropane
 Concen: 0.638 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015695.D
 Acq: 25 Apr 2020 15:31

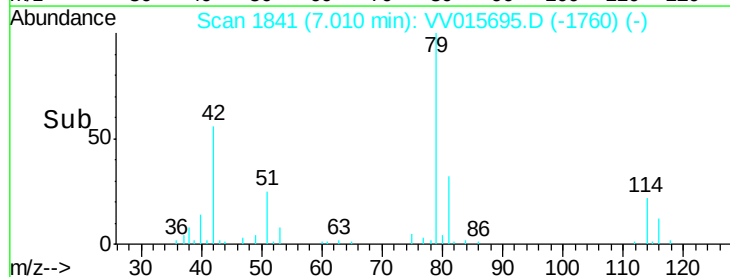
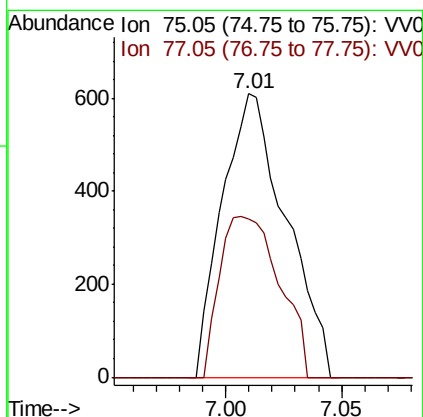
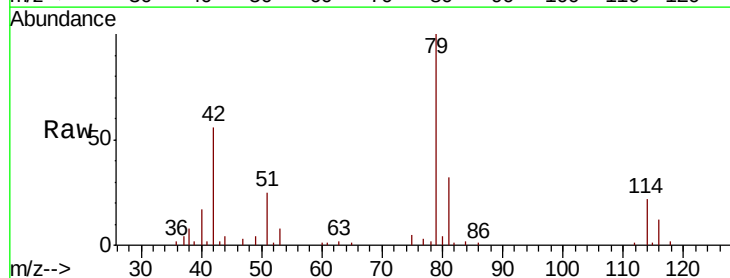
Instrument :
 MSVOA_V
 ClientSampled :

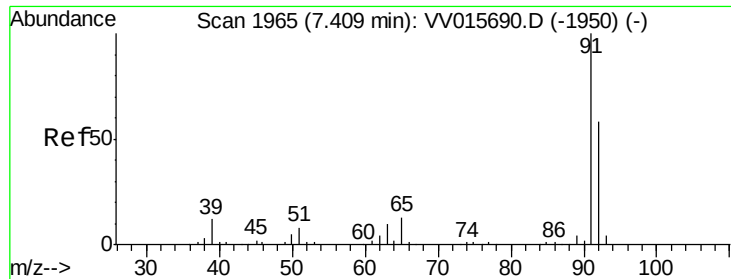
Tot Ion: 63 Resp: 5491
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015695.D
 Acq: 25 Apr 2020 15:31

Tgt Ion: 75 Resp: 1167
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.3 41.5#





#42

Toluene

Concen: 0.136 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015695.D

Acq: 25 Apr 2020 15:31

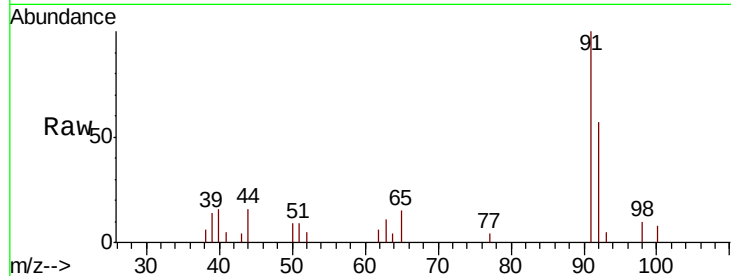
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 4931

Ion Ratio Lower Upper

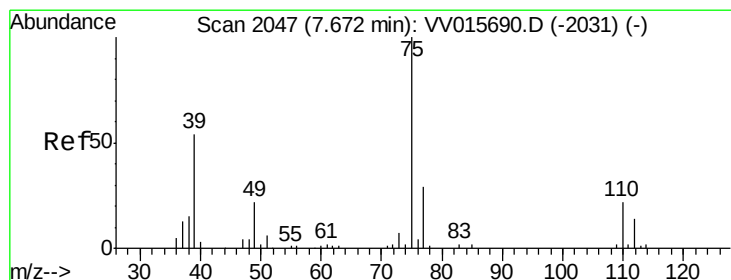
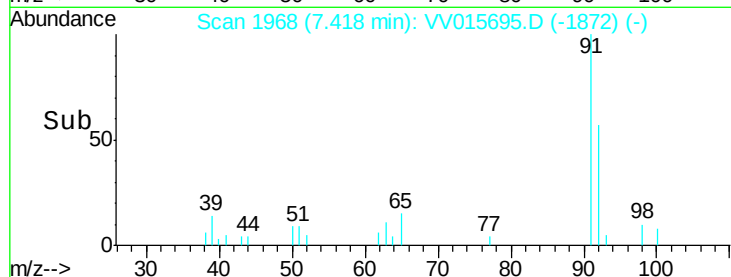
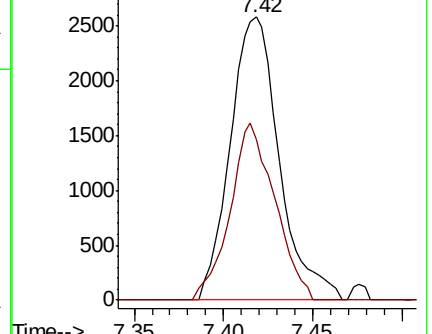
91 100

92 56.6 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015695.D

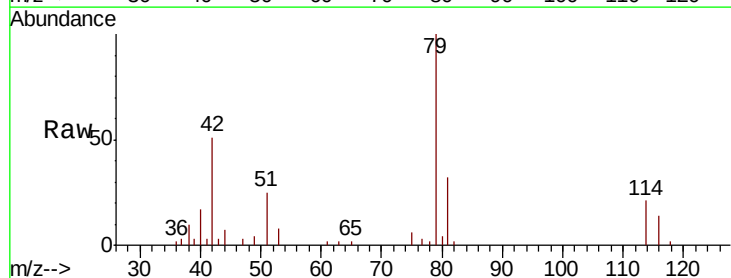
Acq: 25 Apr 2020 15:31

Tgt Ion: 75 Resp: 679

Ion Ratio Lower Upper

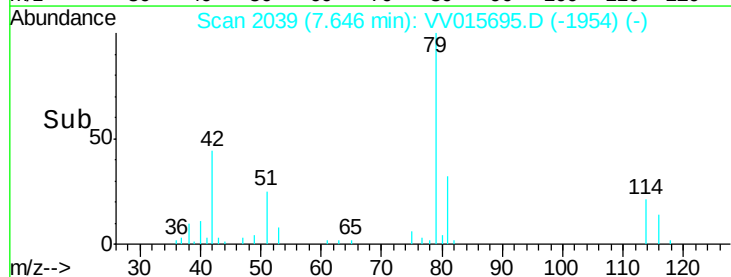
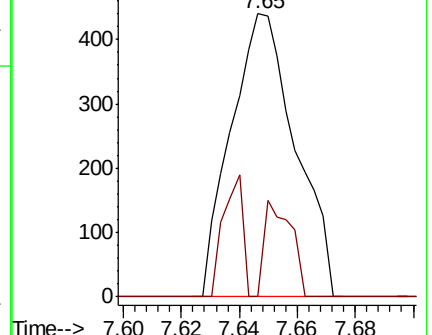
75 100

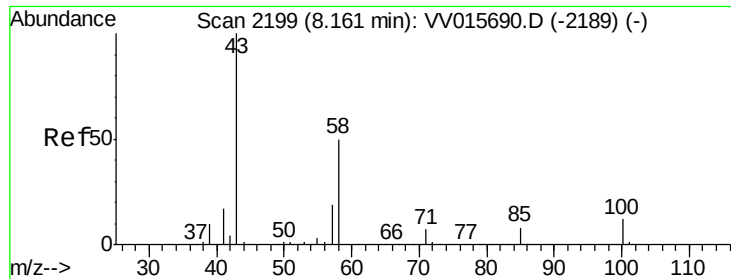
77 0.0 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.911 ug/L
 RT: 8.11 min Scan# 2184
 Delta R.T. -0.05 min
 Lab File: VV015695.D
 Acq: 25 Apr 2020 15:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 11602
 Ion Ratio Lower Upper
 43 100
 58 35.9 41.1 61.7#
 57 24.4 15.0 22.4#
 100 0.0 9.0 13.4#

