

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015645.D
 Acq On : 23 Apr 2020 00:41
 Operator : SY/MD
 Sample : L2370-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:13:15 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	122898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30970	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	30088	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	48628	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.91	46	95750	46.43	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.38	84	70770	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	41109	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	134811	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.09	67	42162	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	122840	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.65	79	11294	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	8.11	63	73638	42.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30448	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46468	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

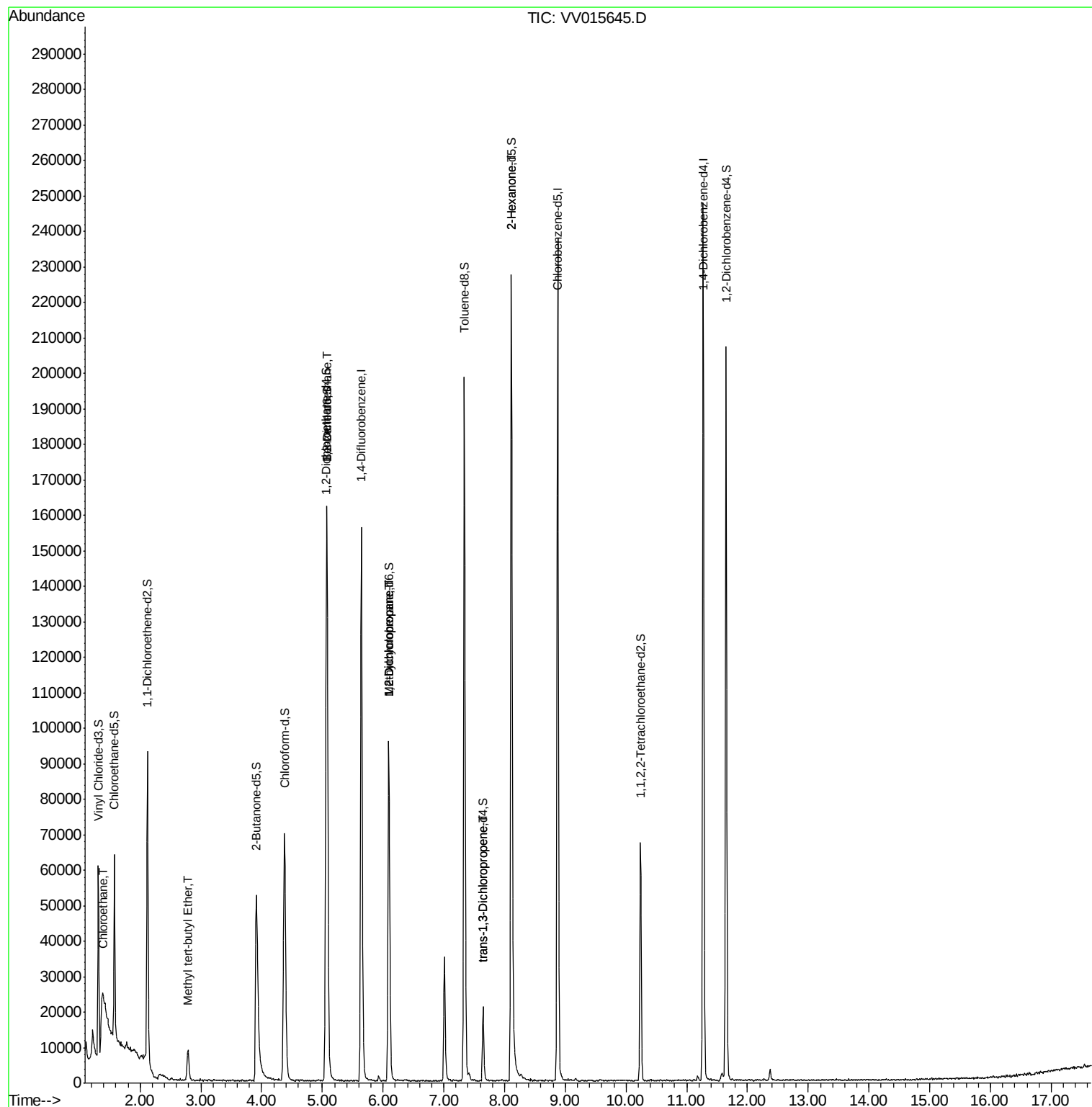
					Ovalue
8) Chloroethane	1.37	64	63260	9.903 ug/L #	53
17) Methyl tert-butyl Ether	2.78	73	8220	0.409 ug/L	95
27) 1,2-Dichloroethane	5.08	62	484	0.044 ug/L #	78
35) Methylcyclohexane	6.10	83	10622	0.735 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5212	0.601 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	590	0.058 ug/L #	69
48) 2-Hexanone	8.11	43	11681	2.911 ug/L #	75

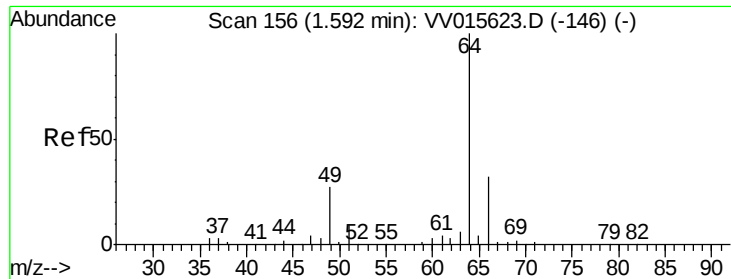
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 9.903 ug/L

RT: 1.37 min Scan# 88

Delta R.T. -0.22 min

Lab File: VV015645.D

Acq: 23 Apr 2020 00:41

Instrument :

MSVOA_V

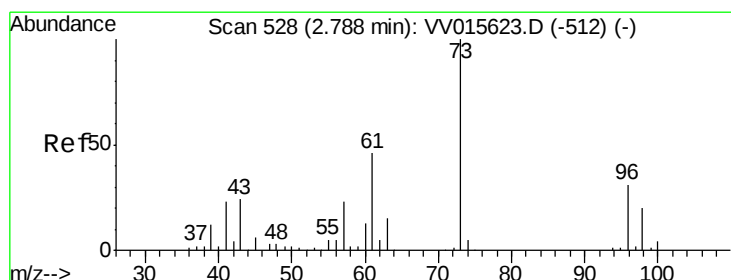
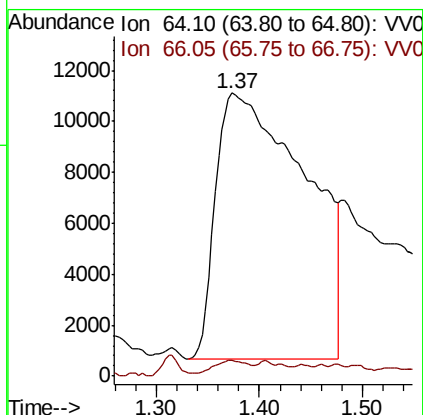
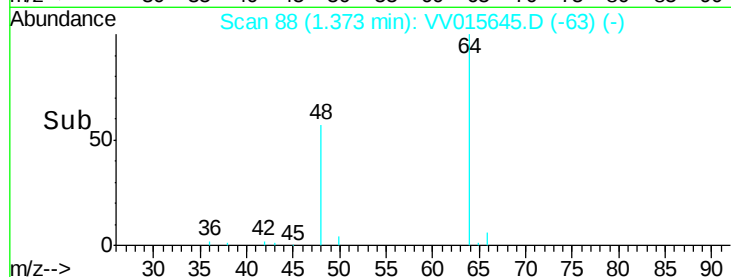
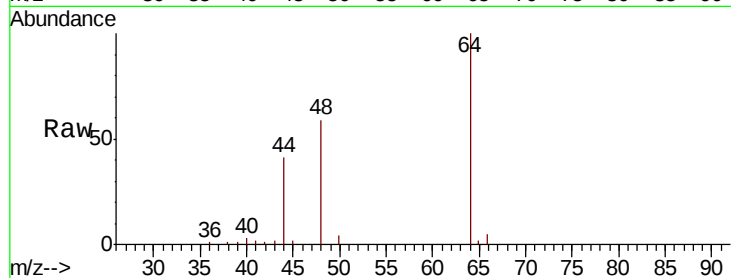
ClientSampled :

Tot Ion: 64 Resp: 63260

Ion Ratio Lower Upper

64 100

66 5.5 22.3 41.5#



#17

Methyl tert-butyl Ether

Concen: 0.409 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV015645.D

Acq: 23 Apr 2020 00:41

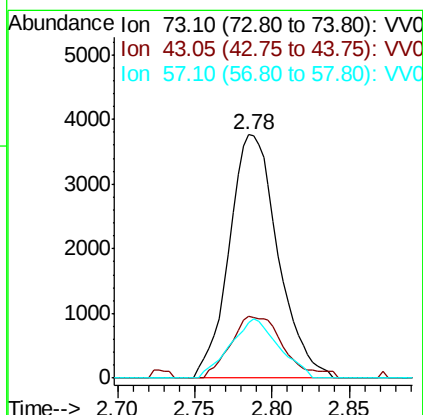
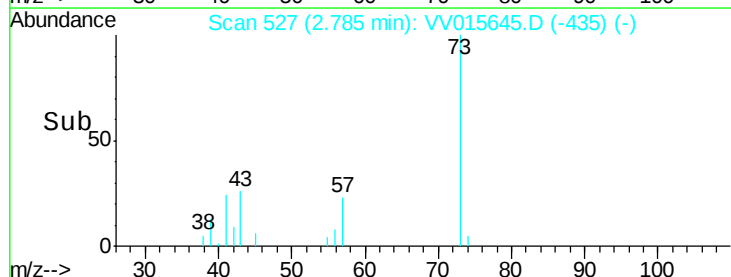
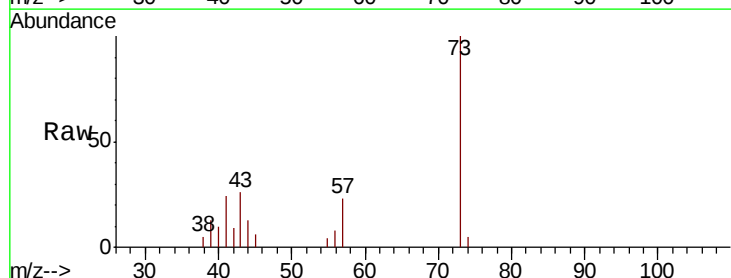
Tgt Ion: 73 Resp: 8220

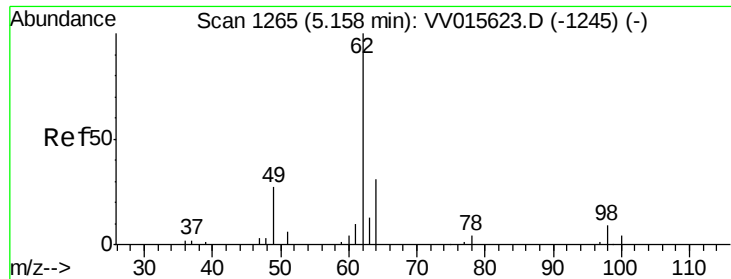
Ion Ratio Lower Upper

73 100

43 27.8 20.1 30.1

57 24.4 17.8 26.8

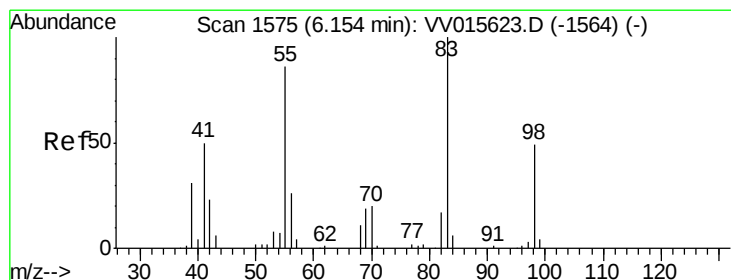
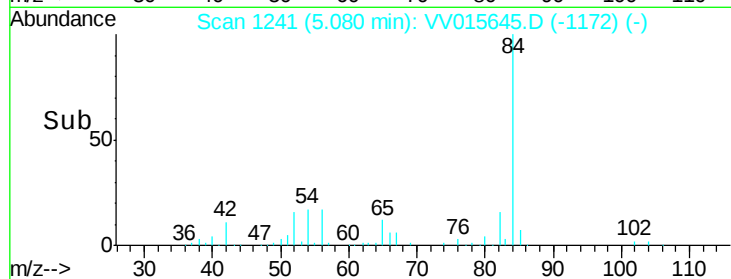
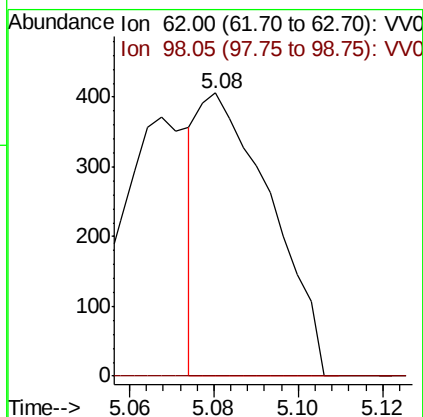
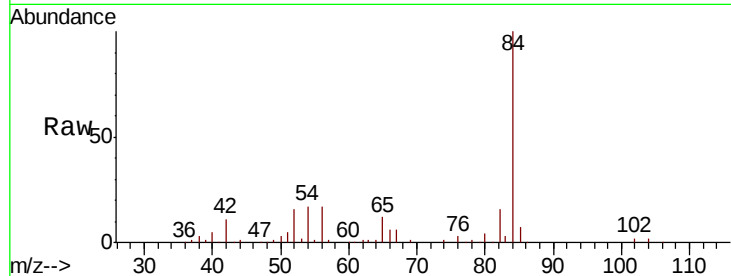




#27
 1,2-Dichloroethane
 Concen: 0.044 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV015645.D
 Acq: 23 Apr 2020 00:41

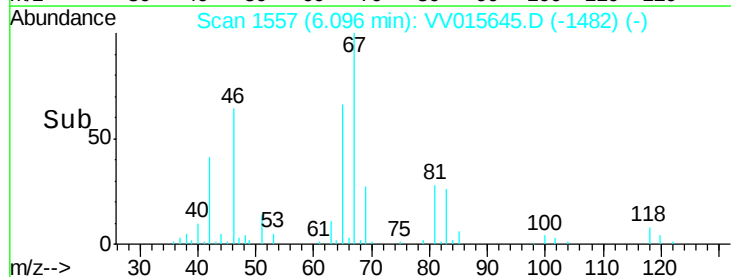
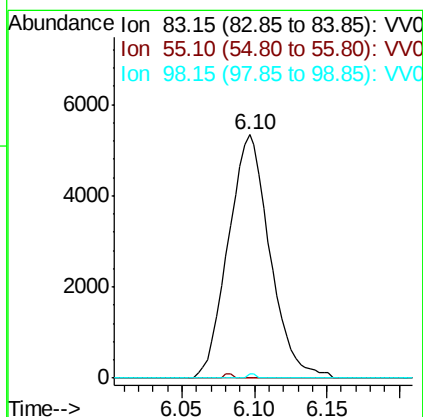
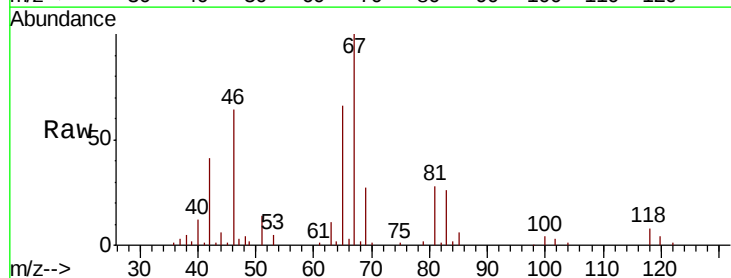
Instrument :
 MSVOA_V
 ClientSampleId :

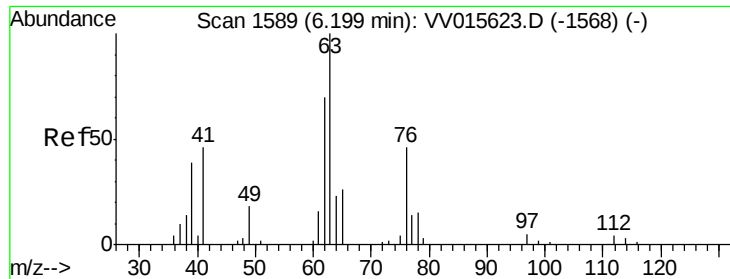
Tot Ion: 62 Resp: 484
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.735 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015645.D
 Acq: 23 Apr 2020 00:41

Tgt Ion: 83 Resp: 10622
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.6 99.8#
 98 0.4 39.5 59.3#

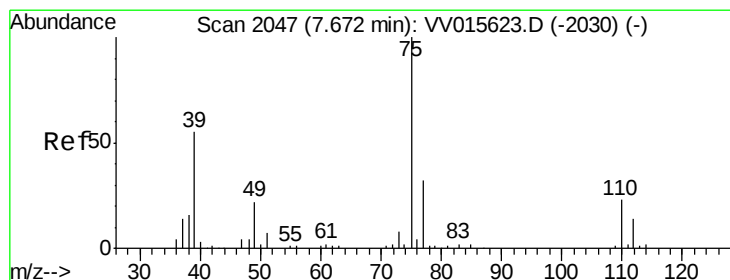
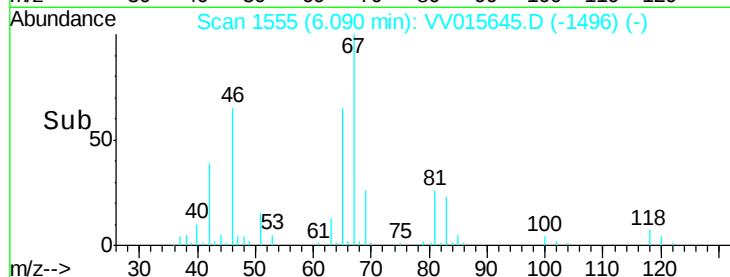
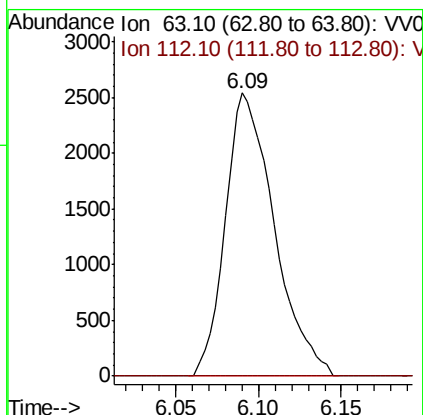
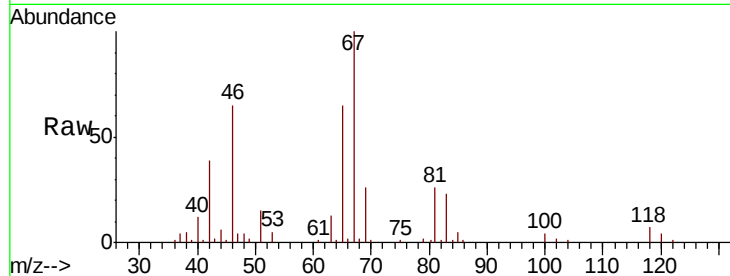




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV015645.D
 Acq: 23 Apr 2020 00:41

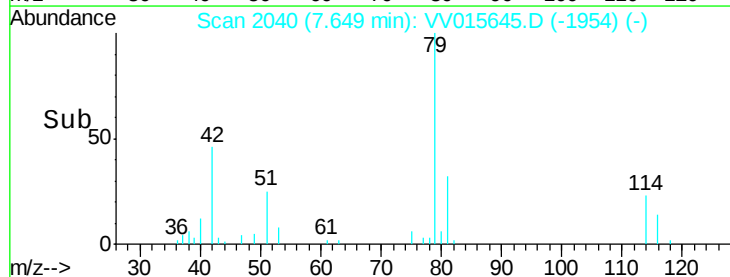
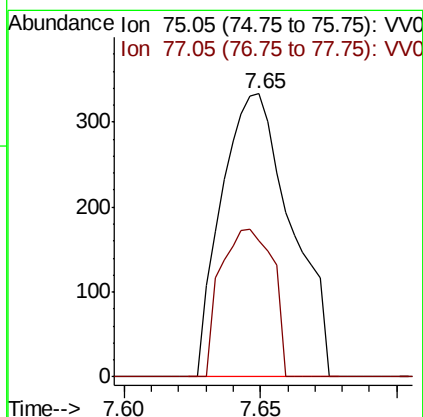
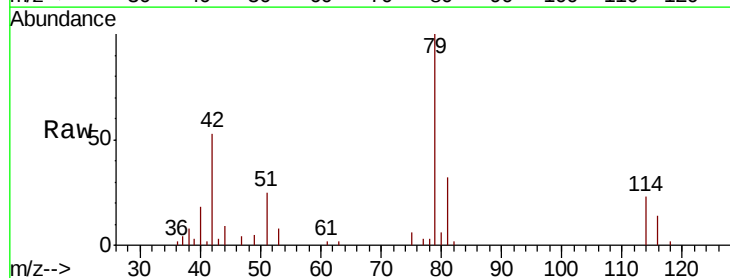
Instrument :
 MSVOA_V
 ClientSampleId :

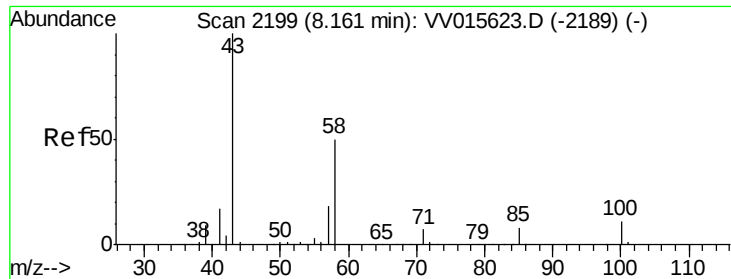
Tot Ion: 63 Resp: 5212
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV015645.D
 Acq: 23 Apr 2020 00:41

Tgt Ion: 75 Resp: 590
 Ion Ratio Lower Upper
 75 100
 77 48.3 21.8 40.6#





#48

2-Hexanone

Concen: 2.911 ug/L

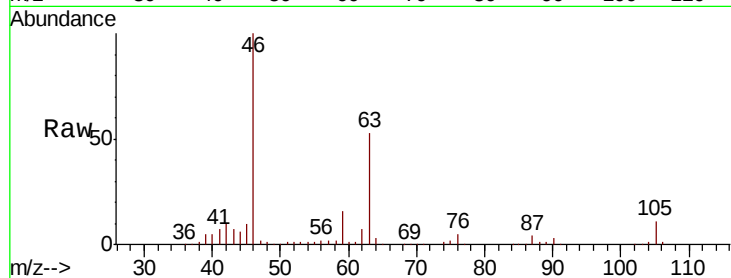
RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015645.D

Acq: 23 Apr 2020 00:41

Instrument :
MSVOA_V
ClientSampleId :



Tot Ion:	43	Resp:	11681
Ion	Ratio	Lower	Upper
43	100		
58	30.7	41.1	61.7#
57	23.1	15.0	22.4#
100	0.0	9.0	13.4#

