

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015709.D
 Acq On : 25 Apr 2020 21:21
 Operator : SY/MD
 Sample : L2413-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:18:15 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	126193	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25780	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	28051	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.12	63	44033	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.92	46	100609	47.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	4.38	84	71465	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	41563	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.08	84	133989	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	43442	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	120785	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.65	79	9686	2.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.00%#
46) 2-Hexanone-d5	8.11	63	73075	41.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31546	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	46146	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

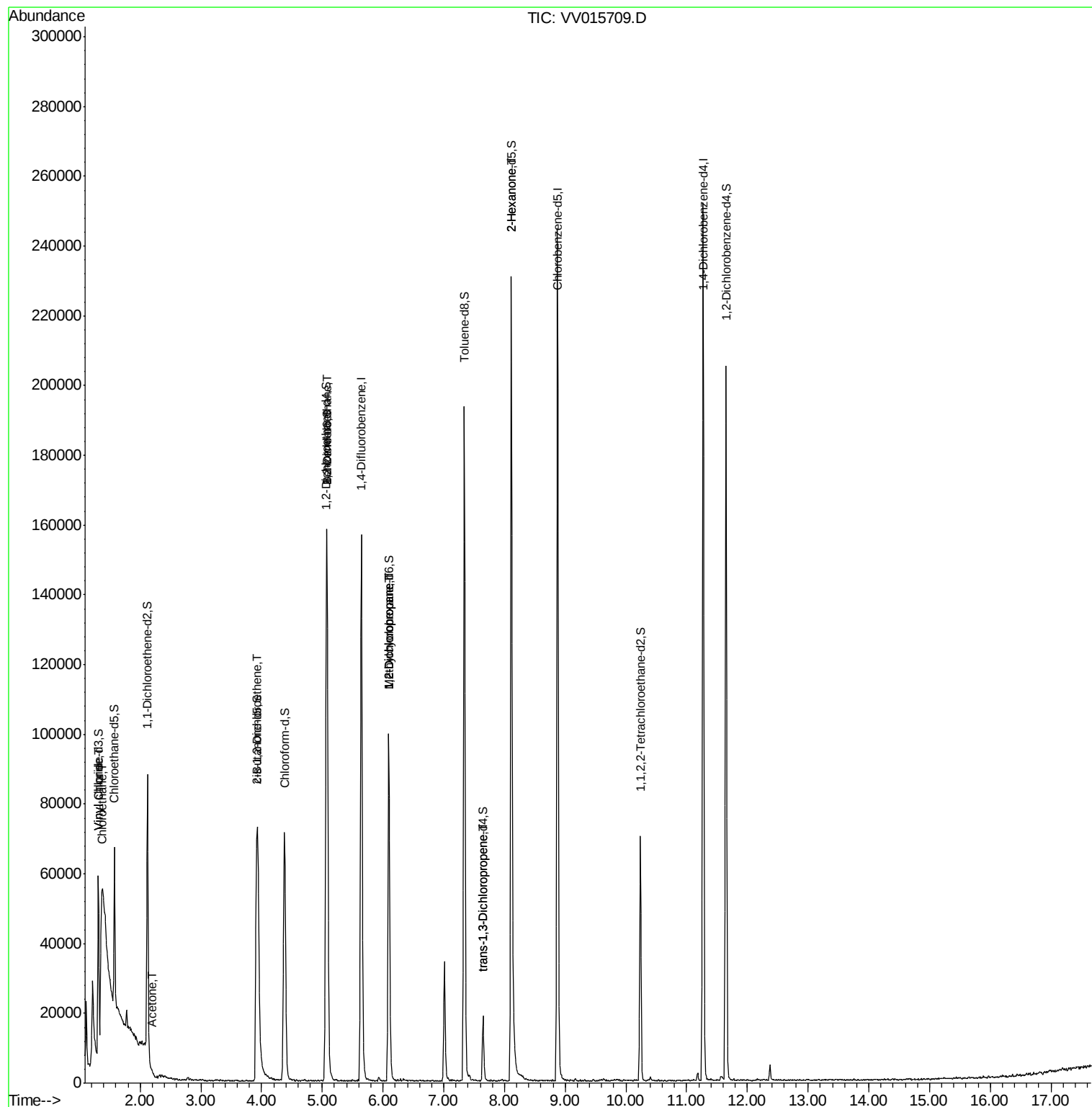
					Ovalue
5) Vinyl chloride	1.32	62	2901	0.290 ug/L #	3
8) Chloroethane	1.37	64	146870	22.391 ug/L #	51
13) Acetone	2.21	43	1693	1.151 ug/L	77
22) cis-1,2-Dichloroethene	3.94	96	20348	2.238 ug/L	98
27) 1,2-Dichloroethane	5.07	62	850	0.075 ug/L #	78
35) Methylcyclohexane	6.09	83	10740	0.729 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5456	0.617 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	548	0.053 ug/L #	78
48) 2-Hexanone	8.11	43	10843	2.650 ug/L #	79

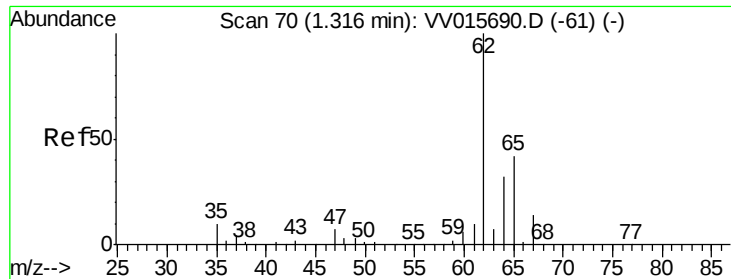
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.290 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015709.D

Acq: 25 Apr 2020 21:21

Instrument :

MSVOA_V

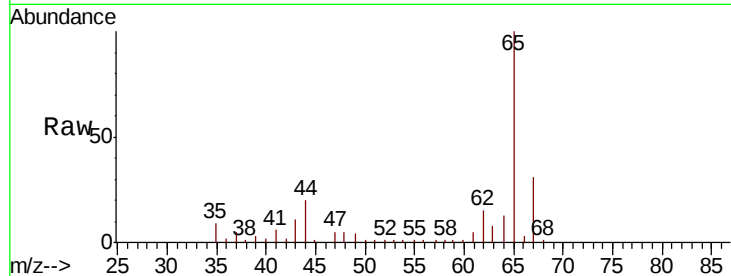
ClientSampleId :

Tot Ion: 62 Resp: 2901

Ion Ratio Lower Upper

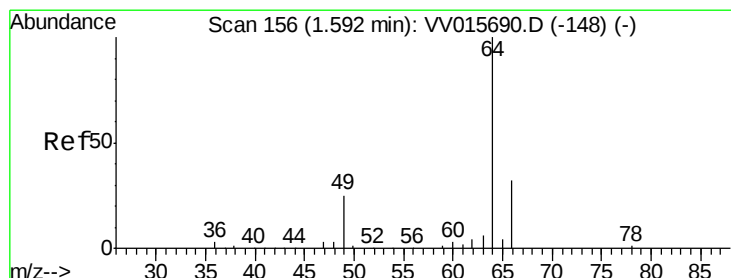
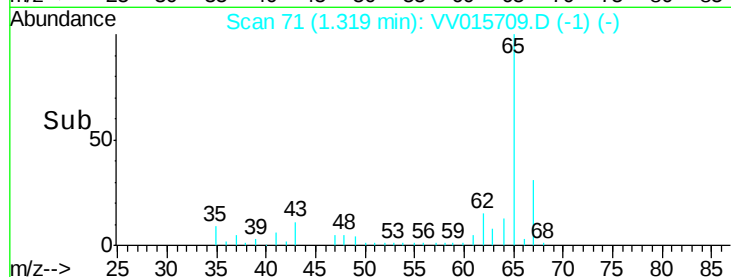
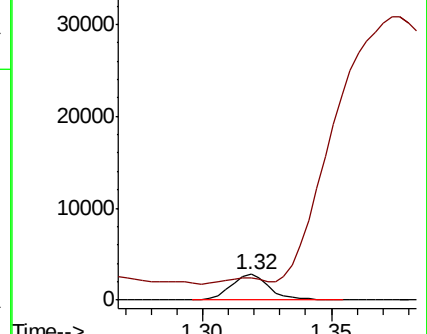
62 100

64 86.8 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 22.391 ug/L

RT: 1.37 min Scan# 88

Delta R.T. -0.22 min

Lab File: VV015709.D

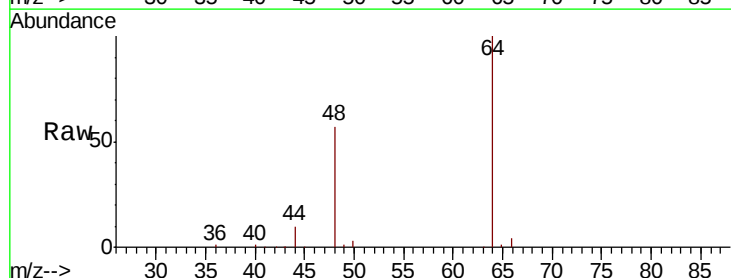
Acq: 25 Apr 2020 21:21

Tgt Ion: 64 Resp: 146870

Ion Ratio Lower Upper

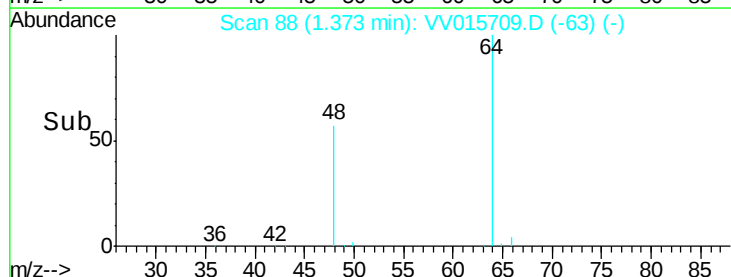
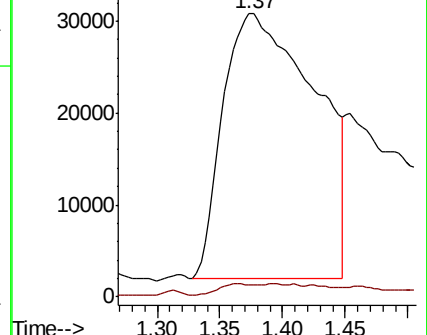
64 100

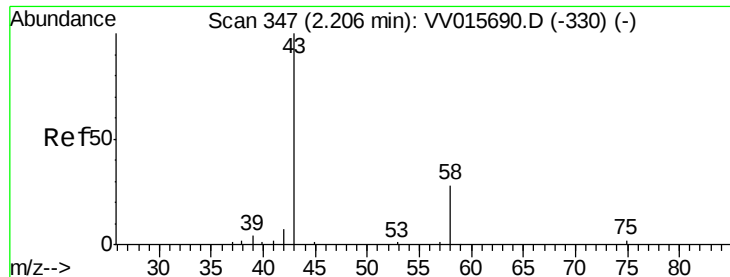
66 4.4 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 1.151 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV015709.D

Acq: 25 Apr 2020 21:21

Instrument :

MSVOA_V

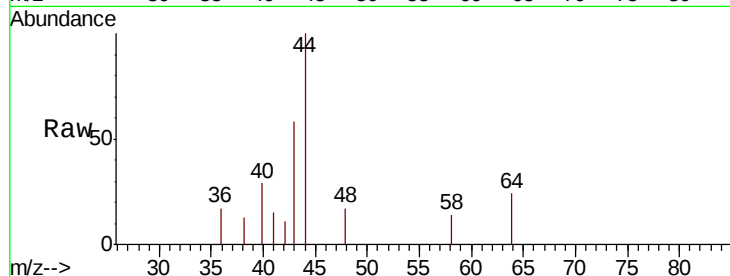
ClientSampleId :

Tot Ion: 43 Resp: 1693

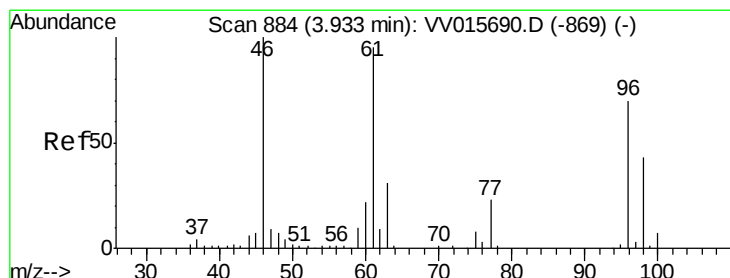
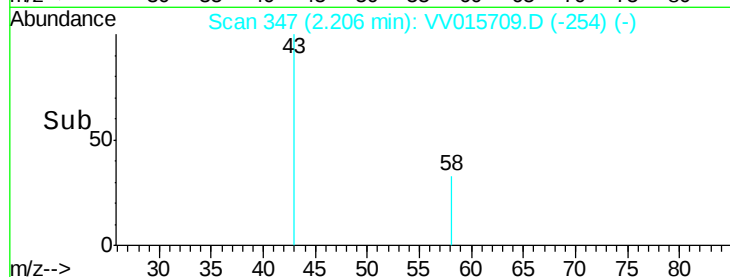
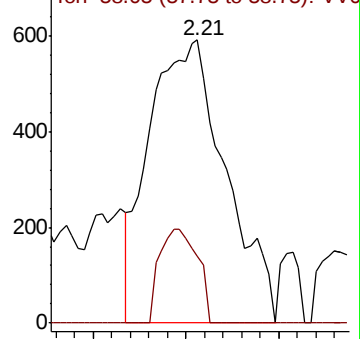
Ion Ratio Lower Upper

43 100

58 16.5 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015690.D (-330) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.238 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015709.D

Acq: 25 Apr 2020 21:21

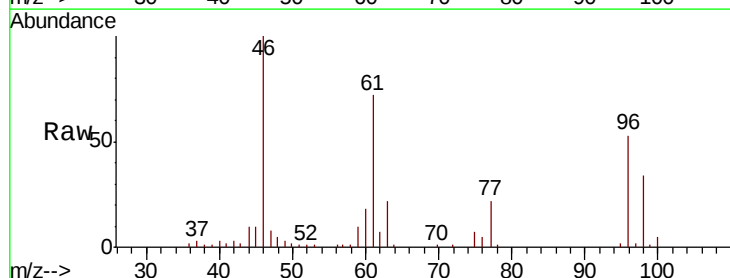
Tgt Ion: 96 Resp: 20348

Ion Ratio Lower Upper

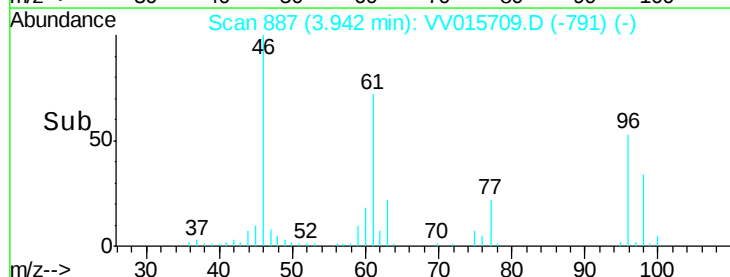
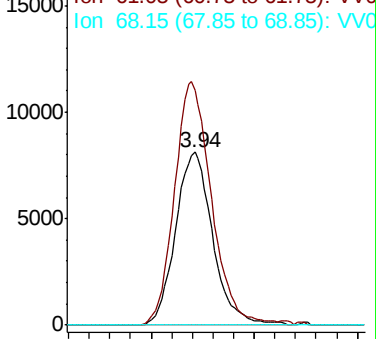
96 100

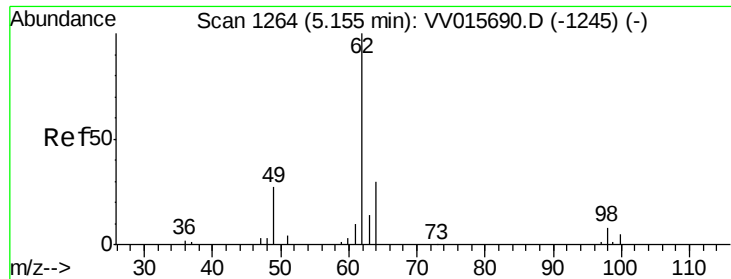
61 135.6 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015690.D (-869) (-)

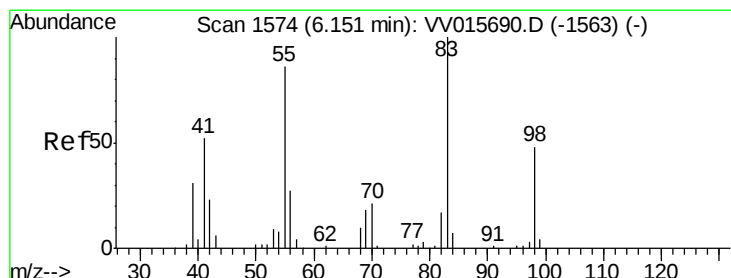
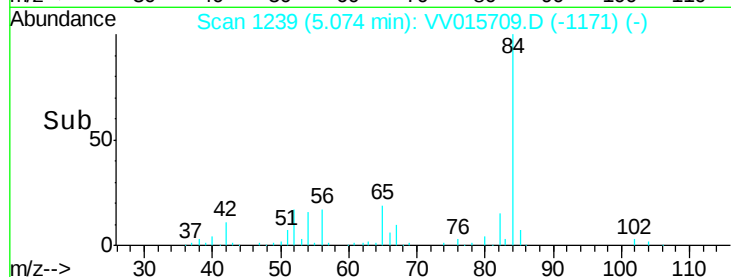
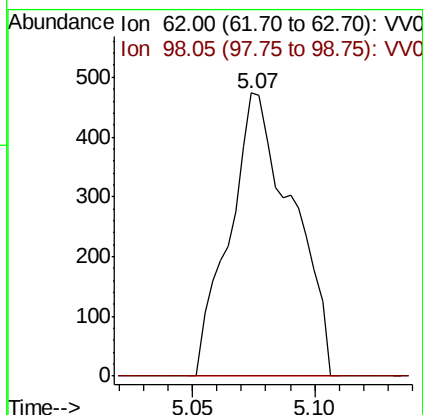
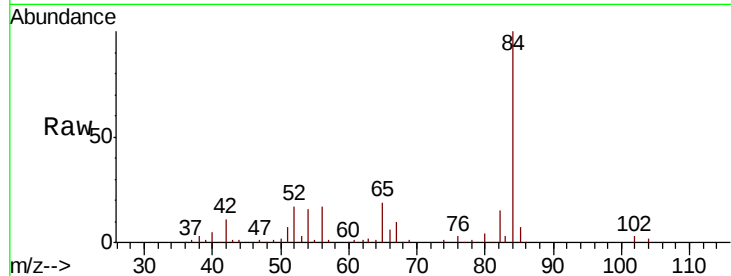




#27
 1,2-Dichloroethane
 Concen: 0.075 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015709.D
 Acq: 25 Apr 2020 21:21

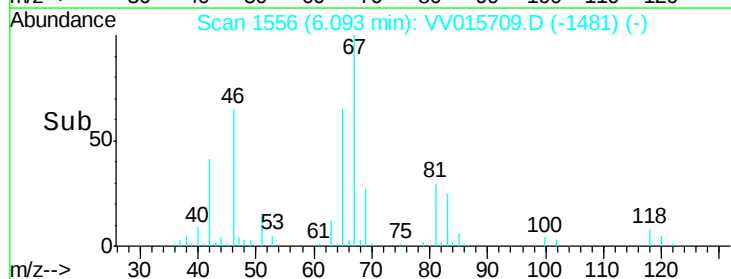
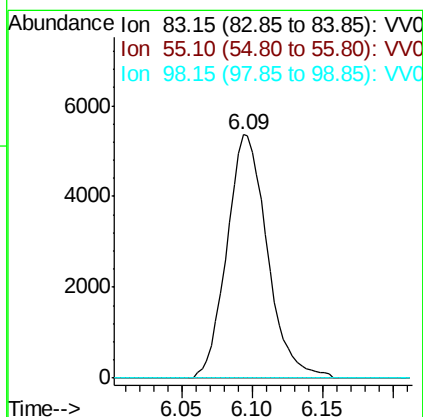
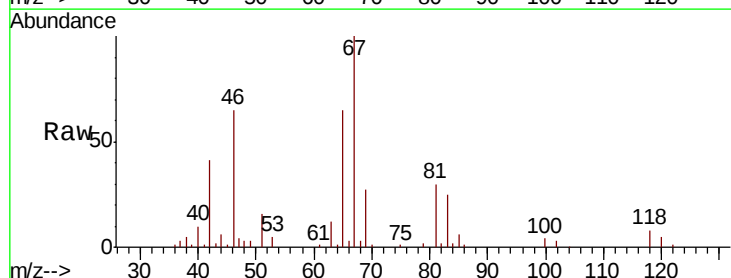
Instrument :
 MSVOA_V
 ClientSampled :

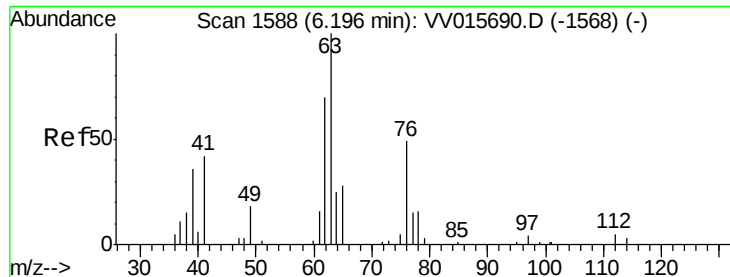
Tot Ion: 62 Resp: 850
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.729 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015709.D
 Acq: 25 Apr 2020 21:21

Tgt Ion: 83 Resp: 10740
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 1.4 39.5 59.3#

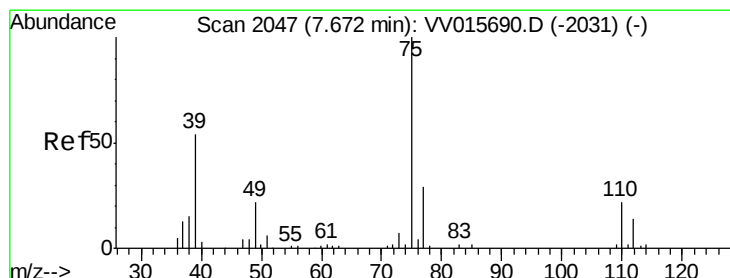
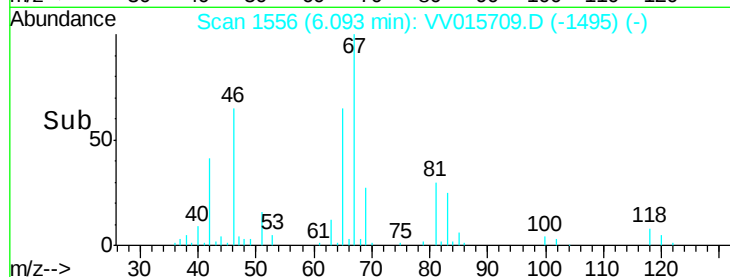
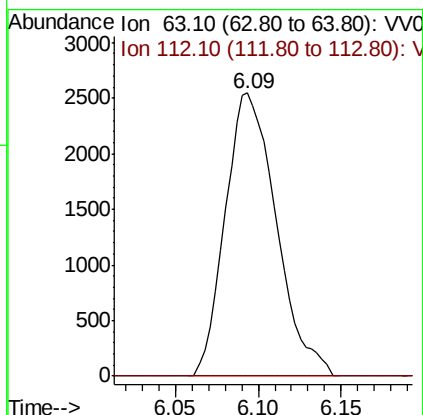
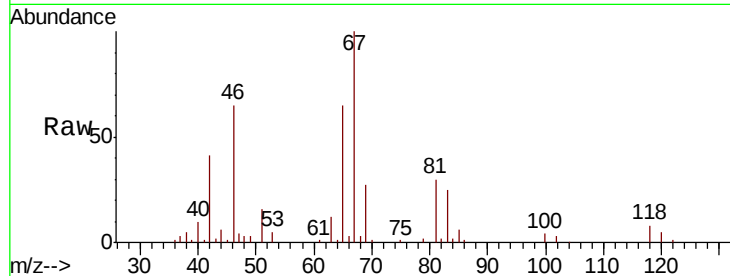




#37
 1,2-Dichloropropane
 Concen: 0.617 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015709.D
 Acq: 25 Apr 2020 21:21

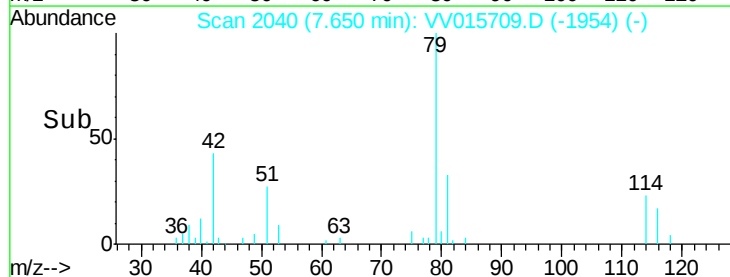
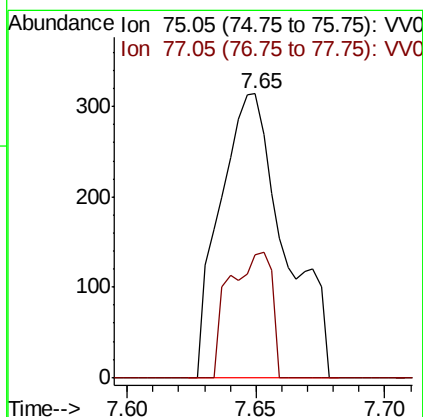
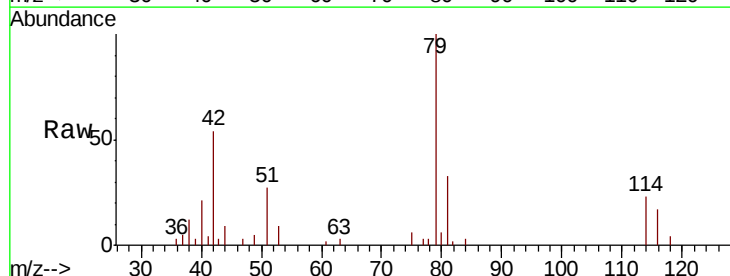
Instrument :
 MSVOA_V
 ClientSampled :

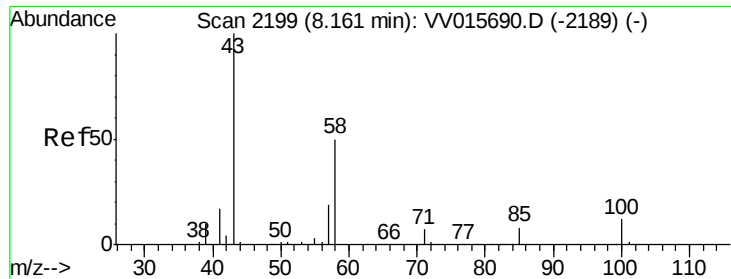
Tot Ion: 63 Resp: 5456
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.053 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV015709.D
 Acq: 25 Apr 2020 21:21

Tgt Ion: 75 Resp: 548
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.8 40.6#





#48

2-Hexanone

Concen: 2.650 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015709.D

Acq: 25 Apr 2020 21:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10843

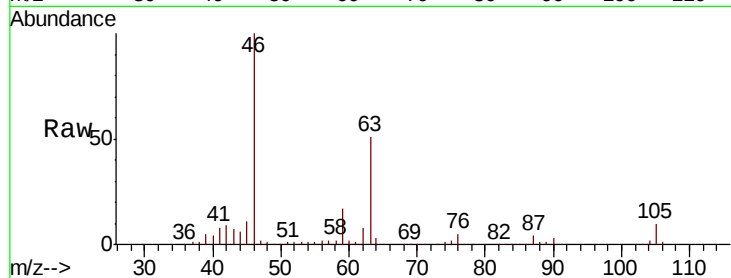
Ion Ratio Lower Upper

43 100

58 38.3 41.1 61.7#

57 29.3 15.0 22.4#

100 1.4 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

