

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015612.D
 Acq On : 21 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2366-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:17:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130860	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35982	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	32795	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.12	63	51116	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.91	46	100205	52.56	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	4.38	84	74462	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	43228	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.08	84	144567	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.09	67	45059	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.34	98	131248	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.65	79	13475	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.11	63	82663	46.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32137	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	50931	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

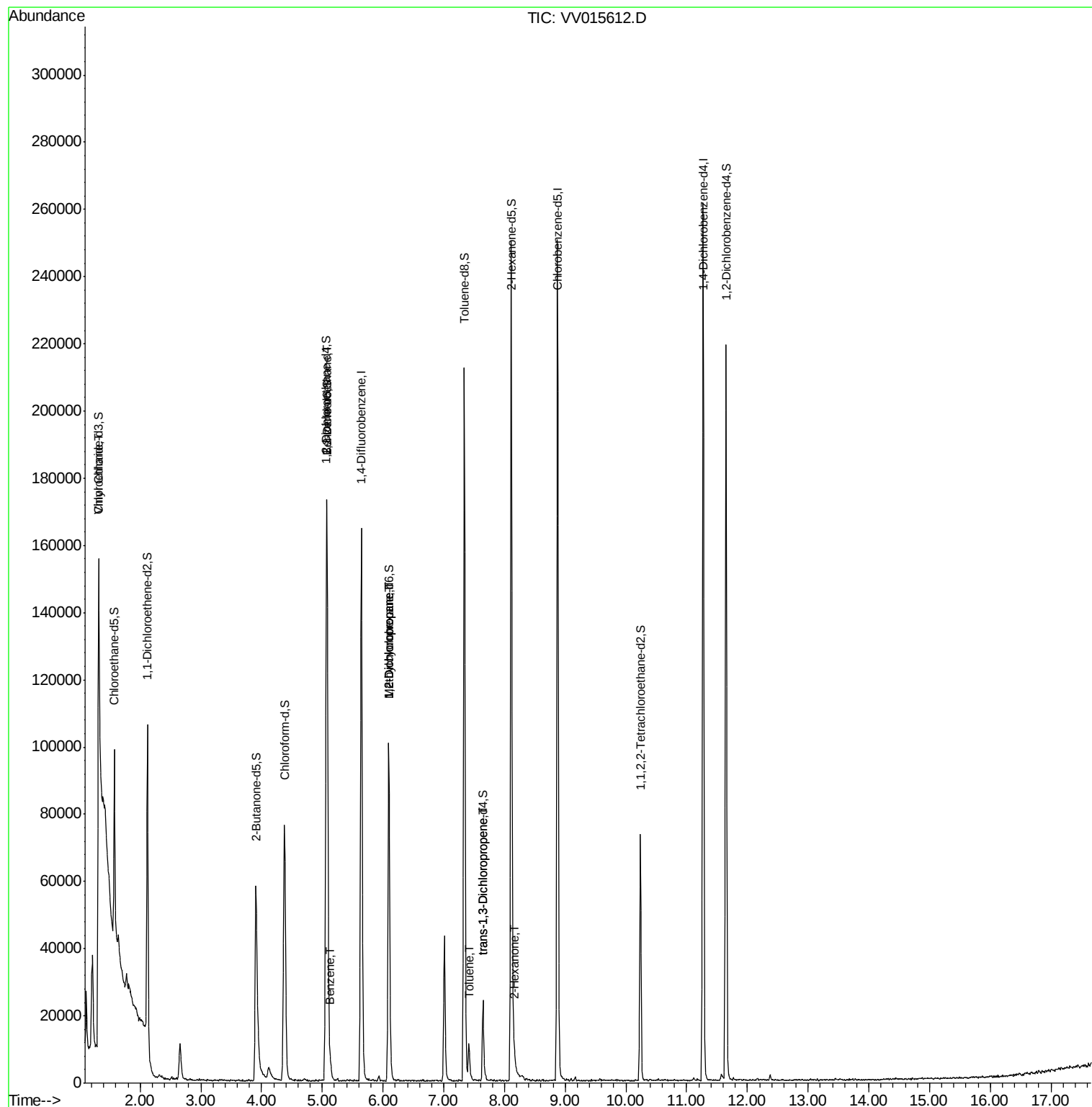
					Ovalue
8) Chloroethane	1.33	64	190553	27.663 ug/L #	52
27) 1,2-Dichloroethane	5.08	62	1049	0.091 ug/L #	77
33) Benzene	5.13	78	4227	0.114 ug/L	100
35) Methylcyclohexane	6.09	83	11169	0.666 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5781	0.630 ug/L #	86
42) Toluene	7.41	91	7762	0.193 ug/L	90
44) trans-1,3-Dichloropropene	7.64	75	665	0.056 ug/L #	78
48) 2-Hexanone	8.17	43	2072	0.492 ug/L #	90

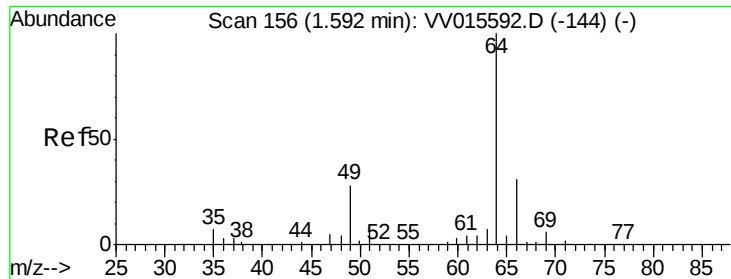
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 27.663 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.27 min

Lab File: VV015612.D

Acq: 21 Apr 2020 19:47

Instrument :

MSVOA_V

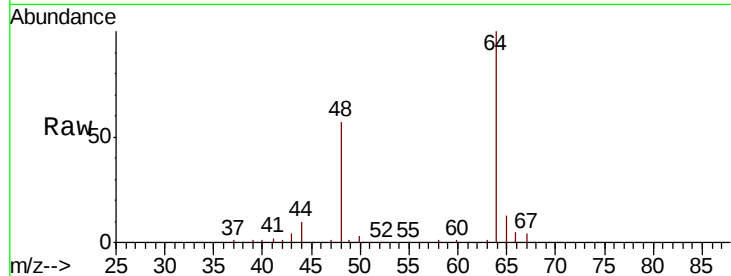
ClientSampleId :

Tot Ion: 64 Resp: 190553

Ion Ratio Lower Upper

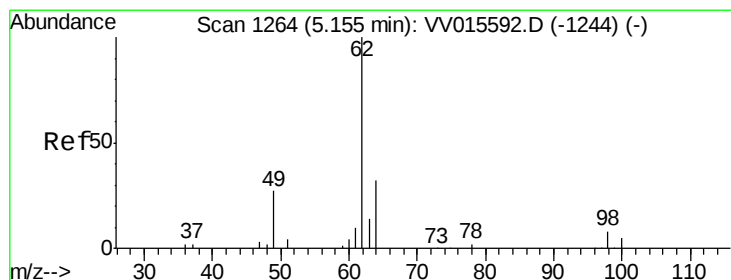
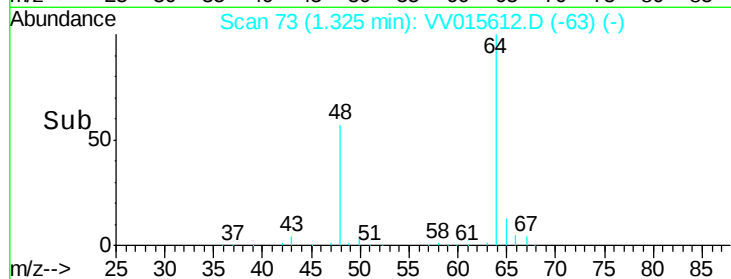
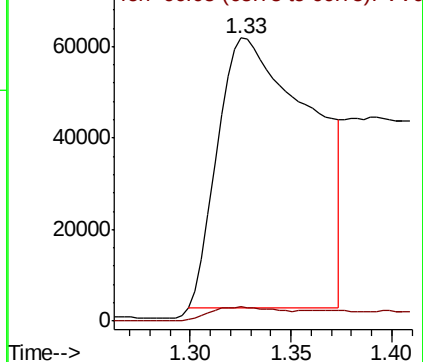
64 100

66 5.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV015612.D

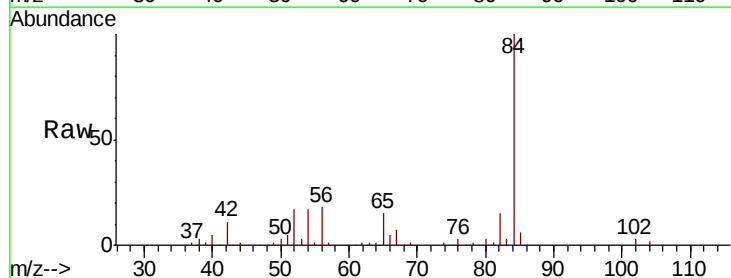
Acq: 21 Apr 2020 19:47

Tgt Ion: 62 Resp: 1049

Ion Ratio Lower Upper

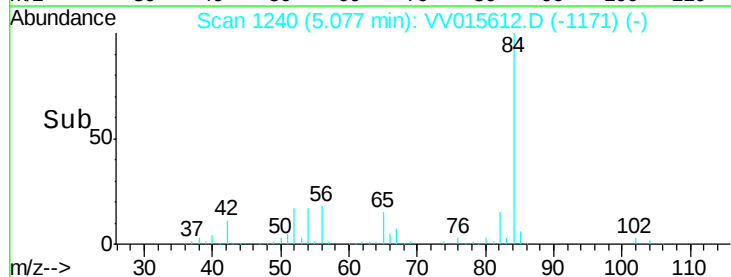
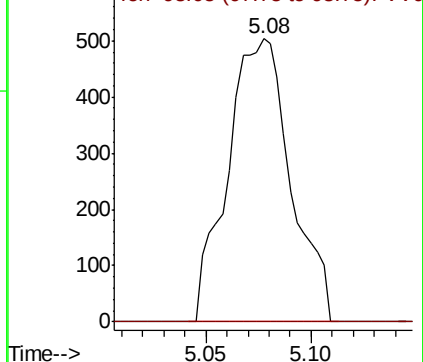
62 100

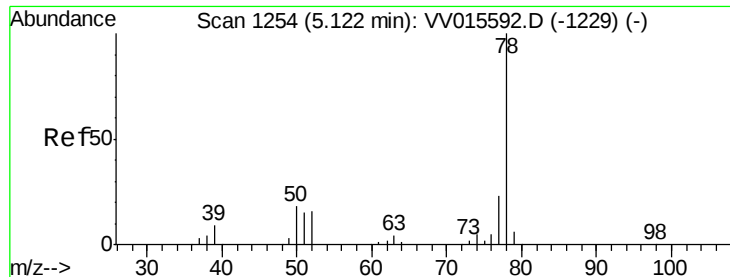
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

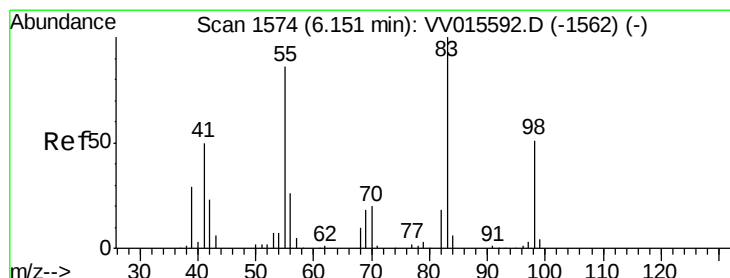
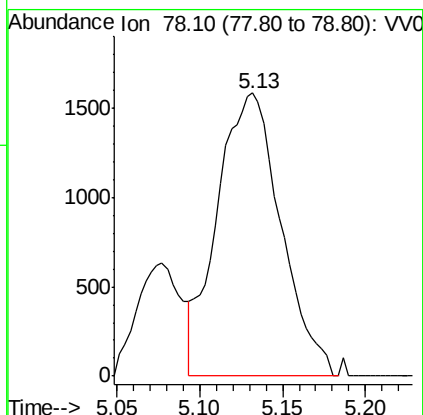
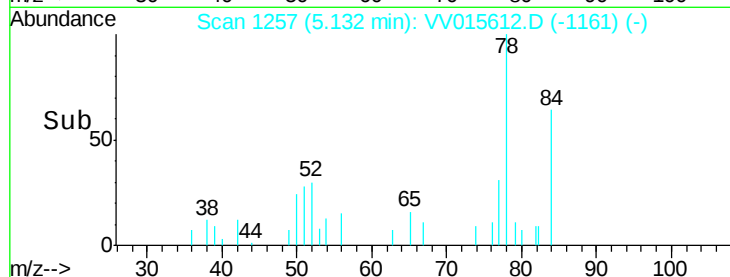
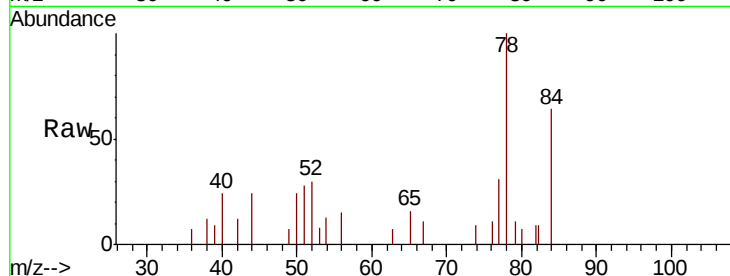




#33
Benzene
Concen: 0.114 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV015612.D
Acq: 21 Apr 2020 19:47

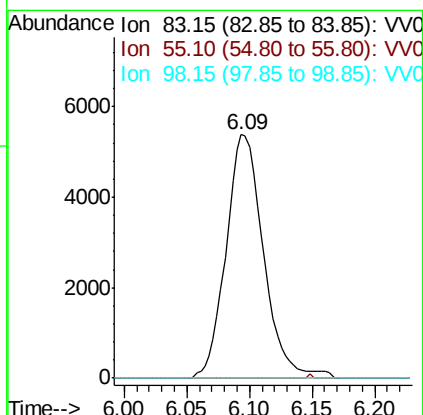
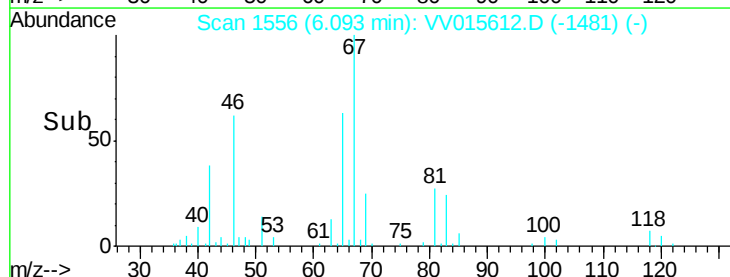
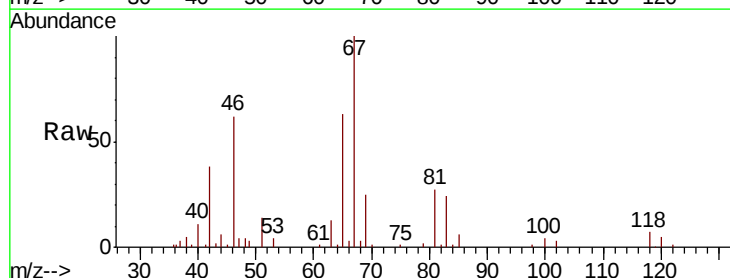
Instrument :
MSVOA_V
ClientSampled :

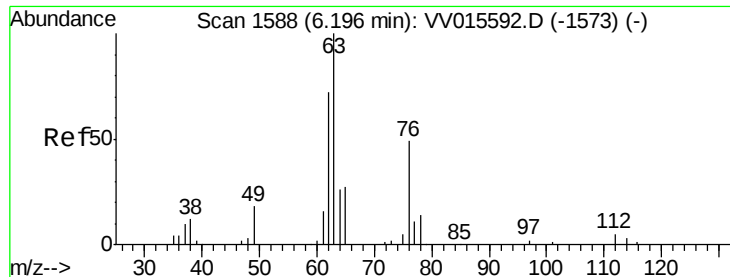
Tgt Ion: 78 Resp: 4227



#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015612.D
Acq: 21 Apr 2020 19:47

Tgt Ion: 83 Resp: 11169
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.9 38.7 58.1#

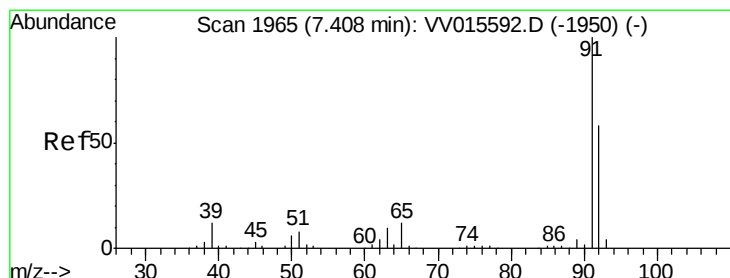
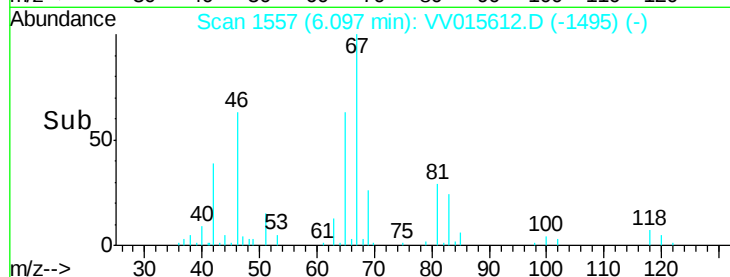
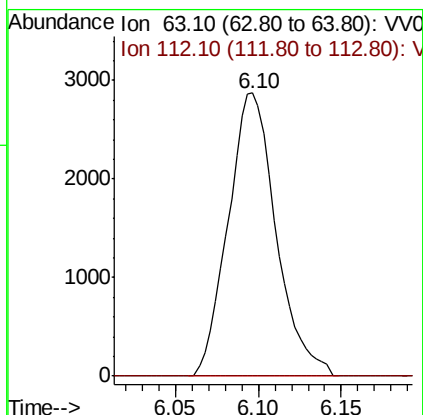
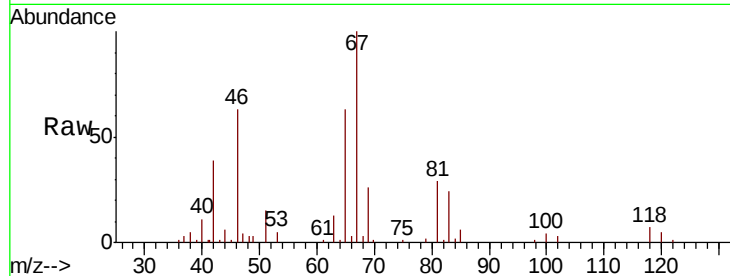




#37
 1,2-Dichloropropane
 Concen: 0.630 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015612.D
 Acq: 21 Apr 2020 19:47

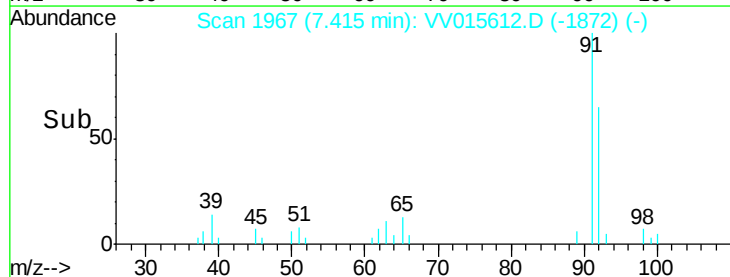
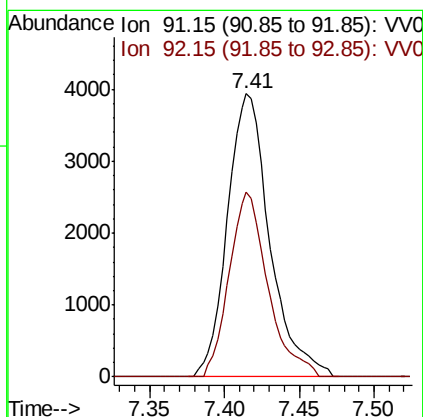
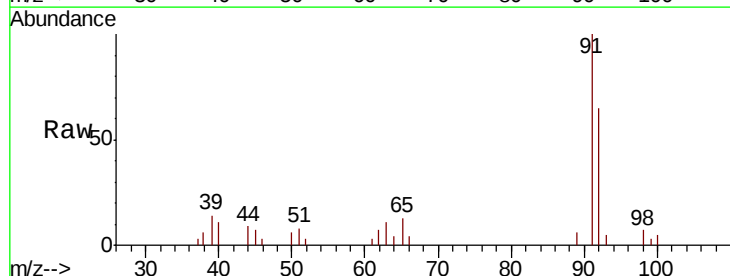
Instrument :
 MSVOA_V
 ClientSampleId :

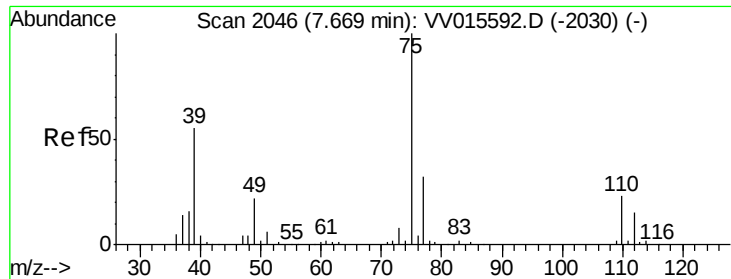
Tot Ion: 63 Resp: 5781
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 Toluene
 Concen: 0.193 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV015612.D
 Acq: 21 Apr 2020 19:47

Tgt Ion: 91 Resp: 7762
 Ion Ratio Lower Upper
 91 100
 92 65.1 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015612.D

Acq: 21 Apr 2020 19:47

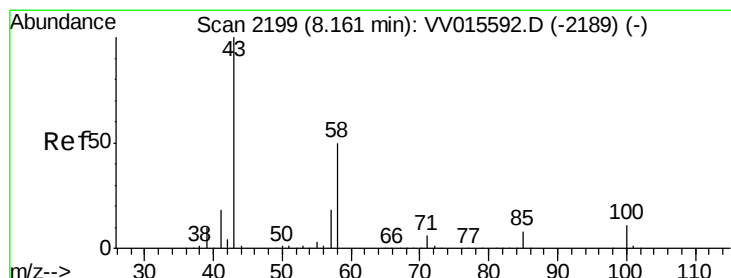
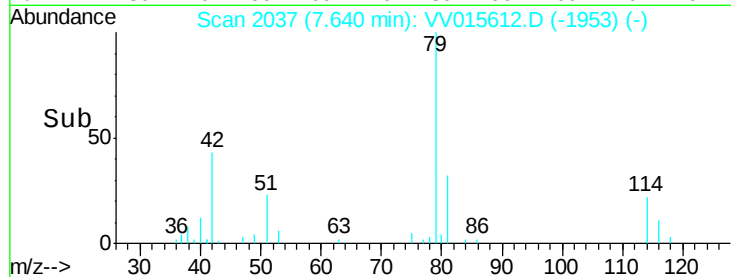
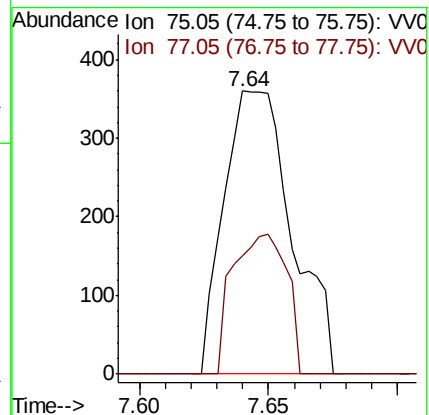
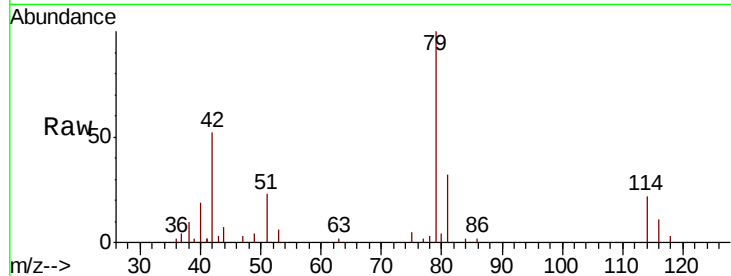
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 665

Ion Ratio Lower Upper

75 100

77 41.9 21.0 39.0#



#48

2-Hexanone

Concen: 0.492 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015612.D

Acq: 21 Apr 2020 19:47

Tgt Ion: 43 Resp: 2072

Ion Ratio Lower Upper

43 100

58 55.8 41.4 62.0

57 13.4 15.0 22.4#

100 3.2 9.4 14.2#

