

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015696.D
 Acq On : 25 Apr 2020 15:55
 Operator : SY/MD
 Sample : L2413-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 01:15:36 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	124439	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122304	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25706	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.57	69	26793	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.11	63	42100	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.94	46	101667	48.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.38	84	66640	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	40755	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.07	84	128379	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.09	67	42603	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.34	98	114943	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.65	79	11831	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.11	63	73689	41.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30340	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	45823	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

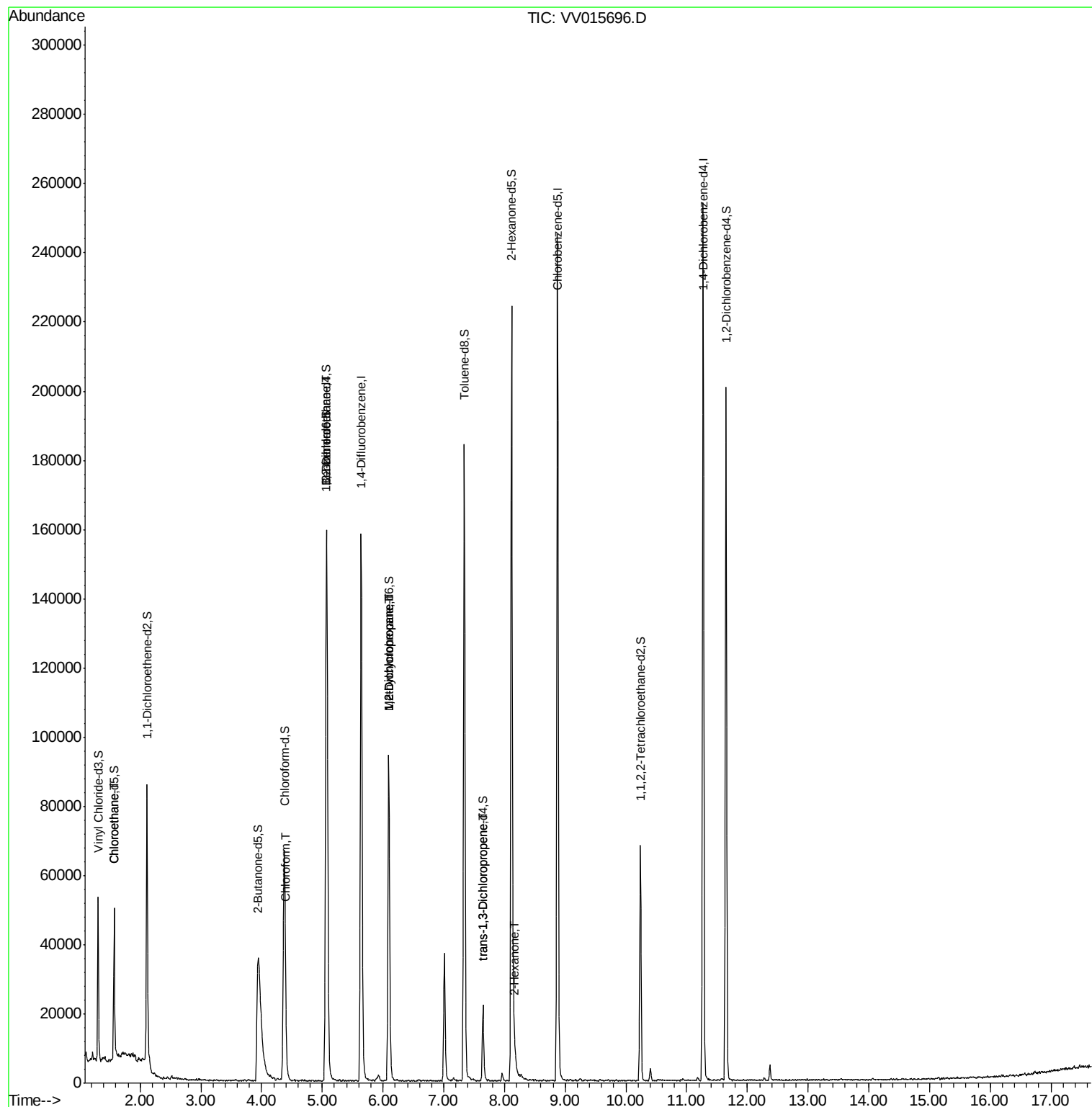
					Ovalue
8) Chloroethane	1.58	64	1068	0.165 ug/L	90
25) Chloroform	4.40	83	2796	0.165 ug/L	96
27) 1,2-Dichloroethane	5.08	62	1037	0.093 ug/L #	78
35) Methylcyclohexane	6.09	83	10483	0.708 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5501	0.619 ug/L #	86
44) trans-1,3-Dichloropropene	7.65	75	658	0.063 ug/L	99
48) 2-Hexanone	8.18	43	2969	0.722 ug/L #	87

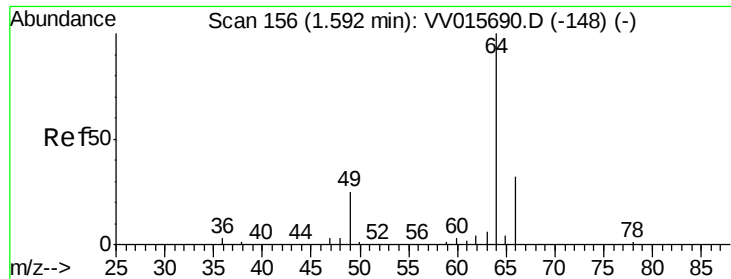
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 27 01:12:28 2020
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#8

Chloroethane

Concen: 0.165 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV015696.D

Acq: 25 Apr 2020 15:55

Instrument :

MSVOA_V

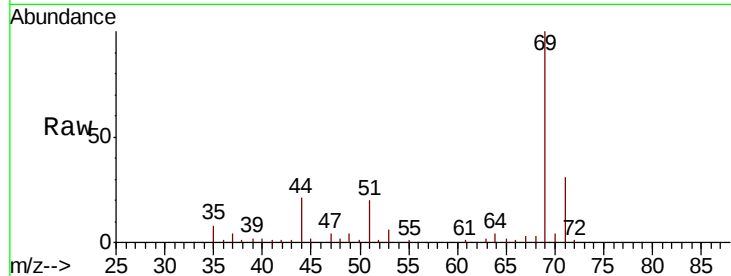
ClientSampleId :

Tot Ion: 64 Resp: 1068

Ion Ratio Lower Upper

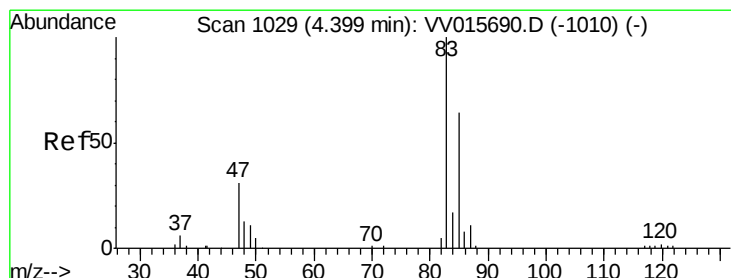
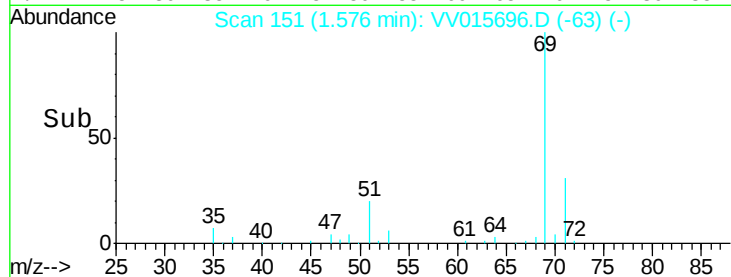
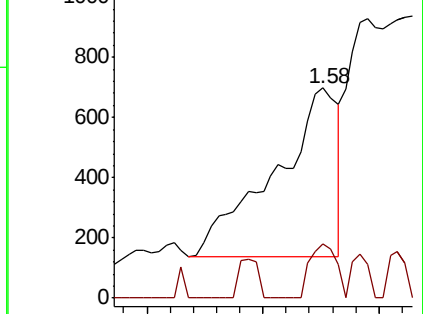
64 100

66 26.1 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#25

Chloroform

Concen: 0.165 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015696.D

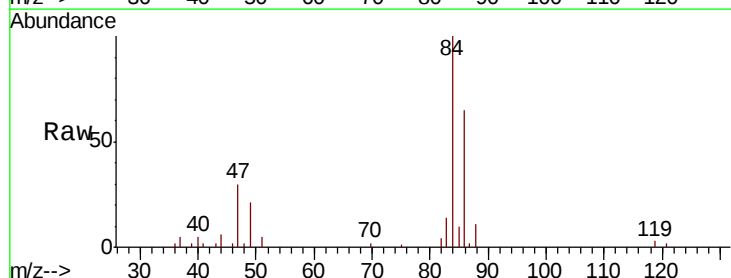
Acq: 25 Apr 2020 15:55

Tgt Ion: 83 Resp: 2796

Ion Ratio Lower Upper

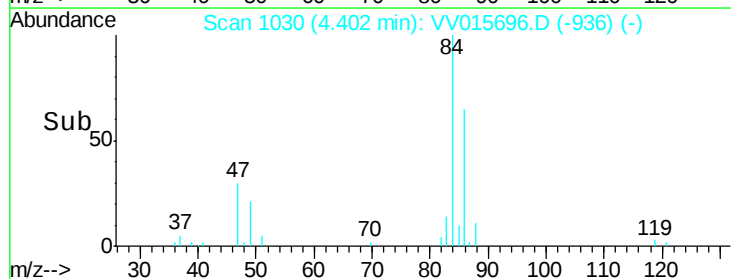
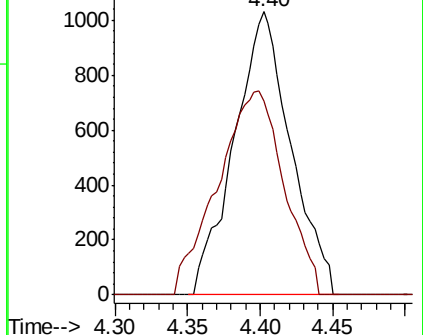
83 100

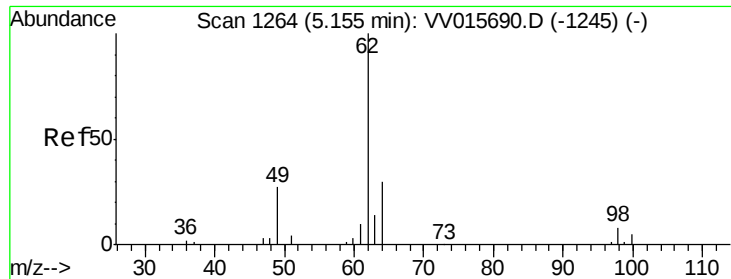
85 68.7 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

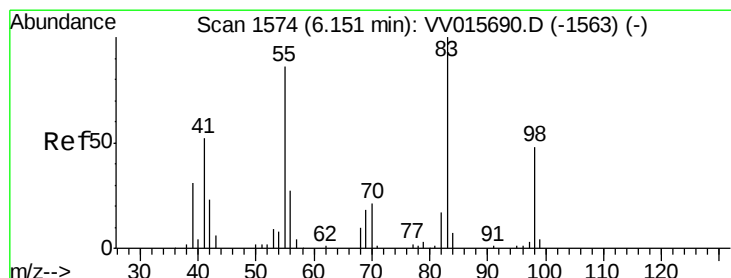
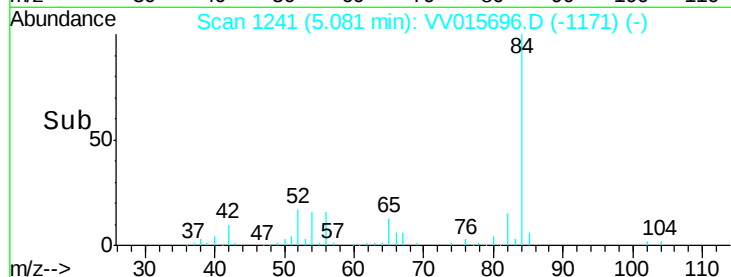
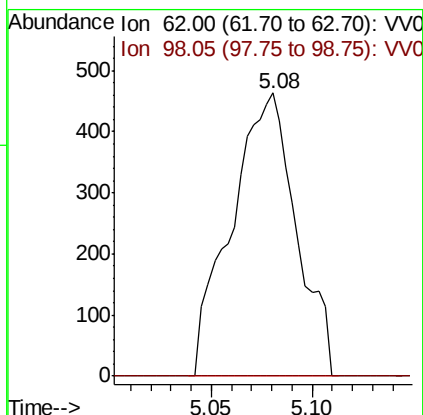
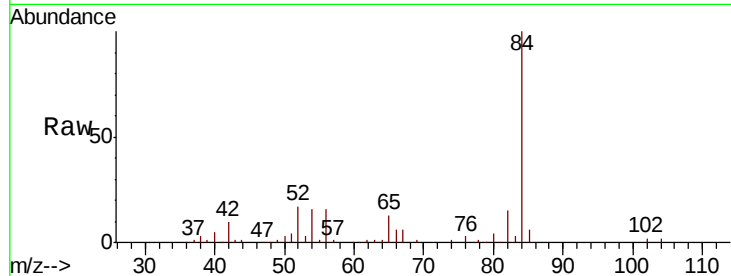




#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV015696.D
 Acq: 25 Apr 2020 15:55

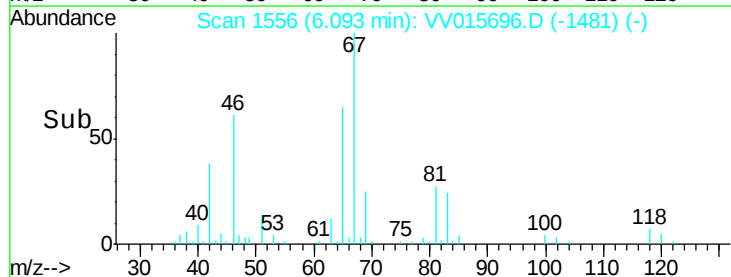
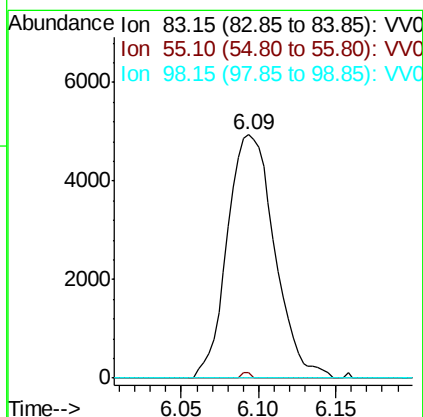
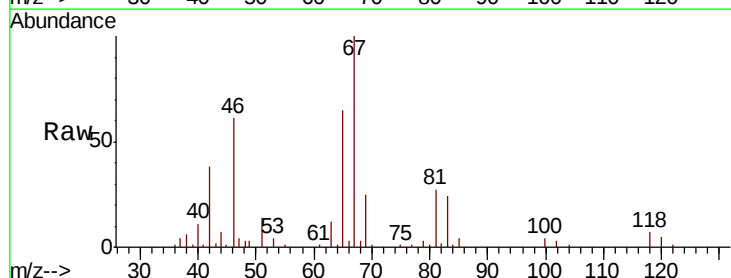
Instrument :
 MSVOA_V
 ClientSampled :

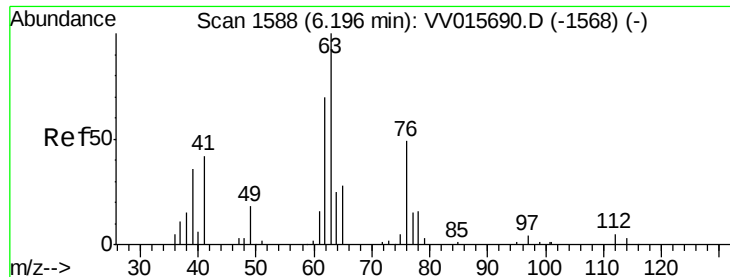
Tot Ion: 62 Resp: 1037
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.708 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015696.D
 Acq: 25 Apr 2020 15:55

Tgt Ion: 83 Resp: 10483
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.6 99.8#
 98 0.4 39.5 59.3#

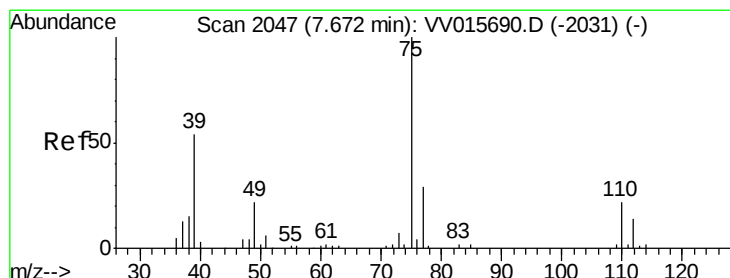
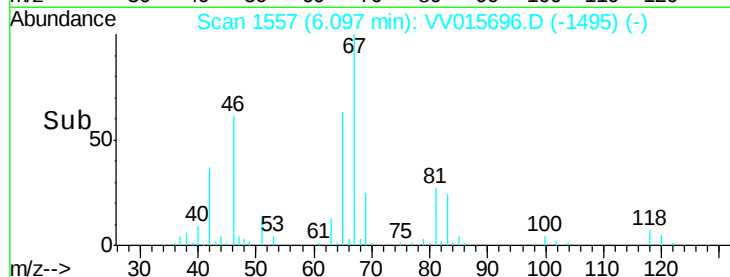
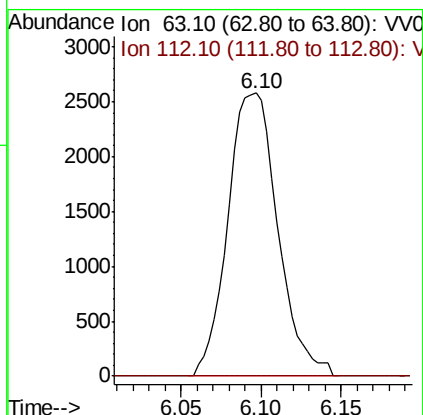
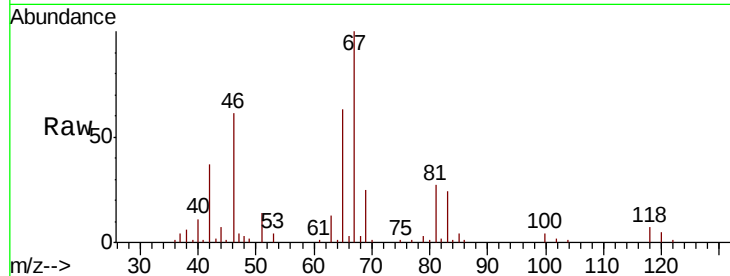




#37
 1,2-Dichloropropane
 Concen: 0.619 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015696.D
 Acq: 25 Apr 2020 15:55

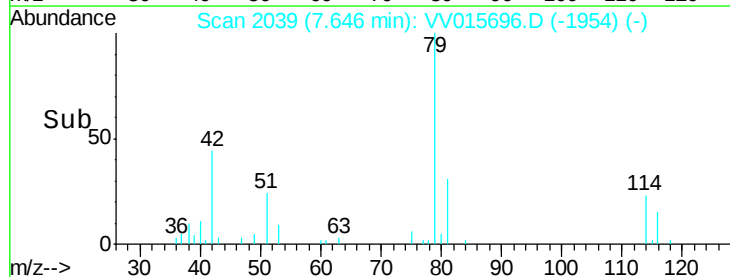
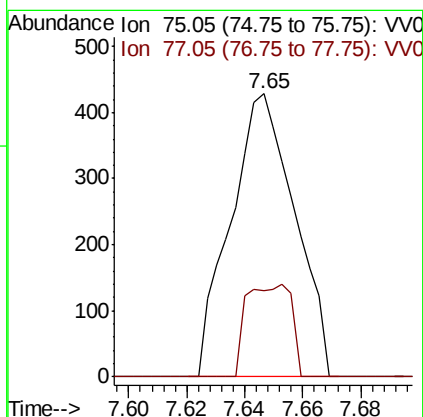
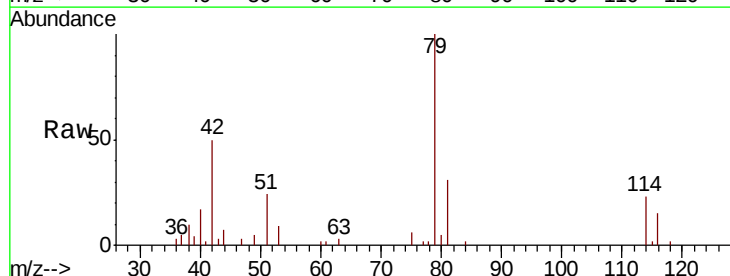
Instrument :
 MSVOA_V
 ClientSampled :

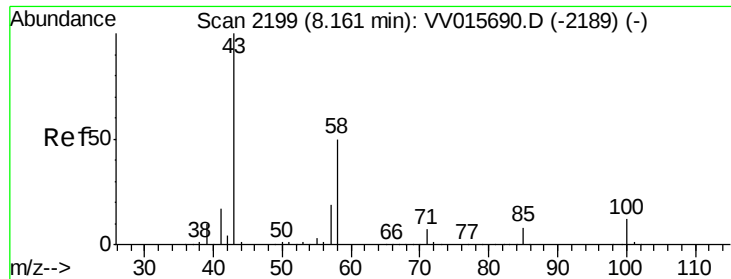
Tot Ion: 63 Resp: 5501
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015696.D
 Acq: 25 Apr 2020 15:55

Tgt Ion: 75 Resp: 658
 Ion Ratio Lower Upper
 75 100
 77 30.4 21.8 40.6





#48

2-Hexanone

Concen: 0.722 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.02 min

Lab File: VV015696.D

Acq: 25 Apr 2020 15:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2969

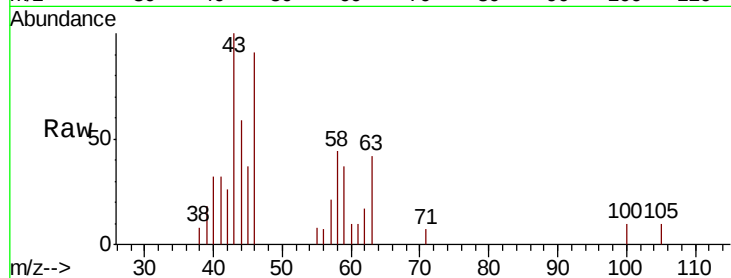
Ion Ratio Lower Upper

43 100

58 45.7 41.1 61.7

57 5.9 15.0 22.4#

100 7.2 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

