

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015668.D
 Acq On : 24 Apr 2020 10:43
 Operator : SY/MD
 Sample : VV0424WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 00:17:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132113	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	127536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62484	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30897	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.57	69	30799	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	48615	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.94	46	113170	51.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.10%
24) Chloroform-d	4.38	84	75238	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	44482	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.07	84	144065	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.09	67	46050	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	133406	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.64	79	15503	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.11	63	84968	46.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33464	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	51605	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

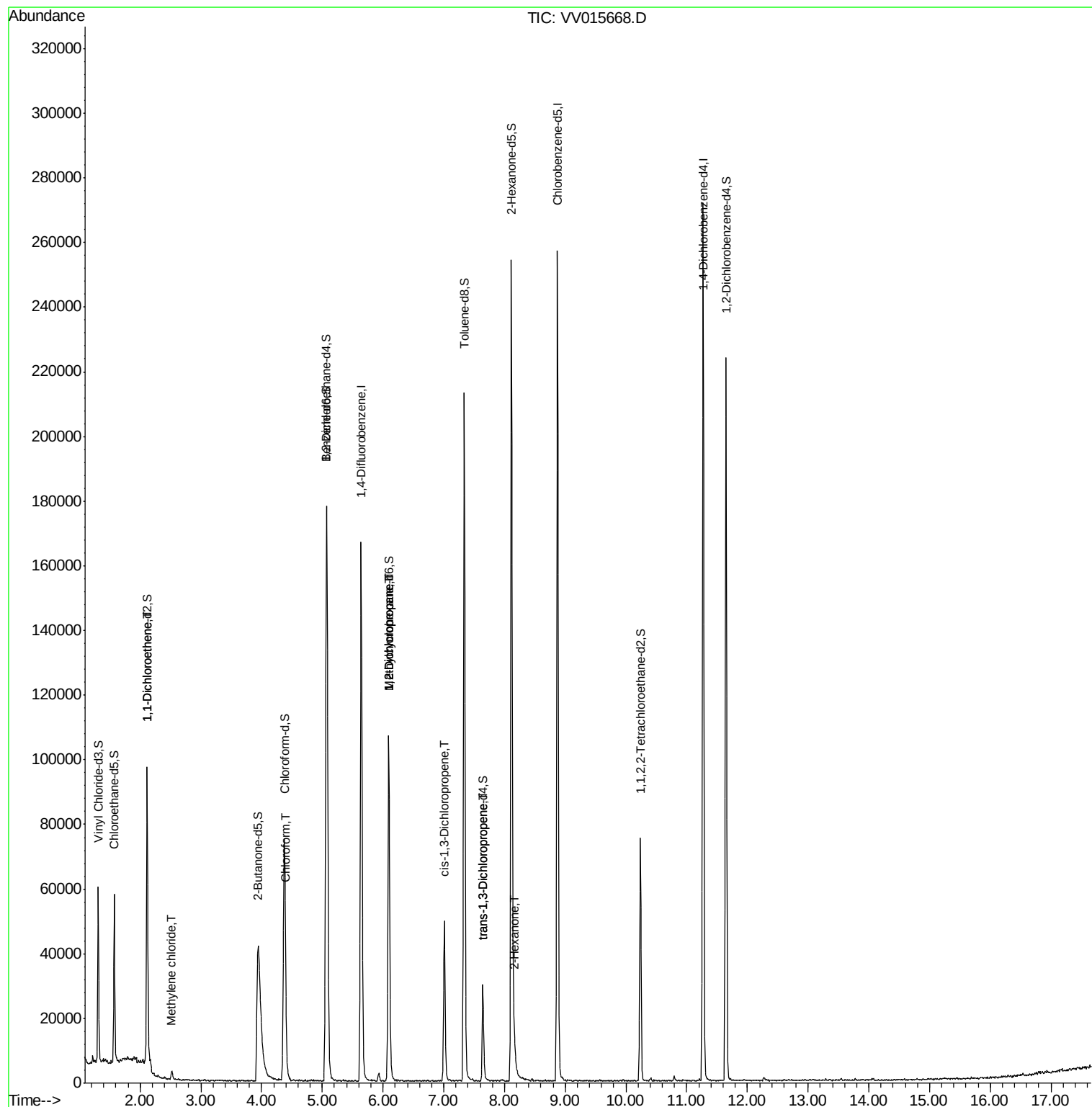
					Ovalue
12) 1,1-Dichloroethene	2.12	96	576	0.075 ug/L #	1
16) Methylene chloride	2.52	84	978	0.103 ug/L	95
25) Chloroform	4.40	83	3810	0.212 ug/L	93
35) Methylcyclohexane	6.09	83	12357	0.800 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6089	0.657 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1249	0.097 ug/L #	67
44) trans-1,3-Dichloropropene	7.64	75	834	0.077 ug/L #	18
48) 2-Hexanone	8.16	43	4308	1.005 ug/L #	89

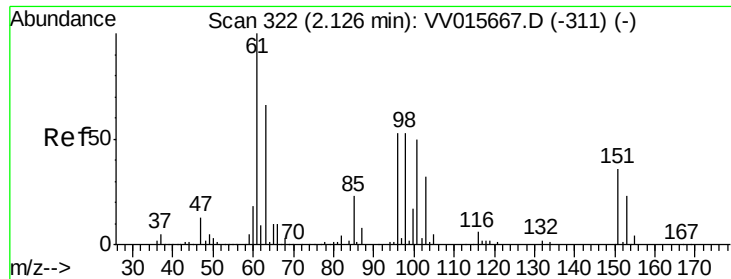
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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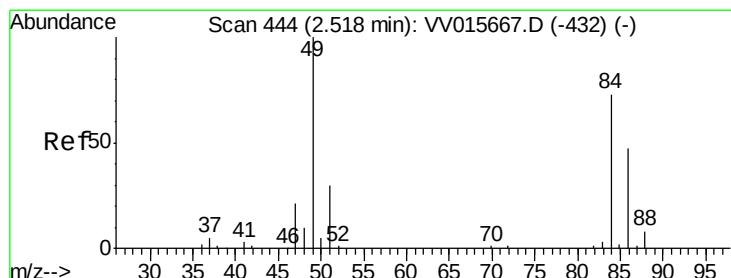
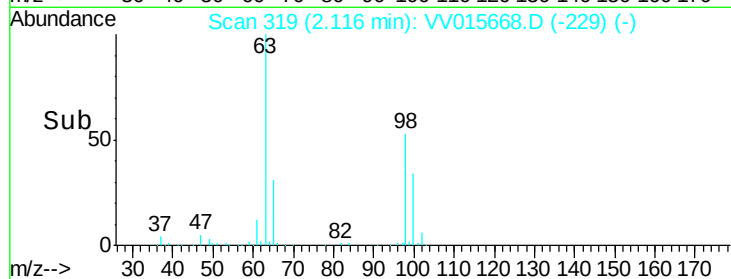
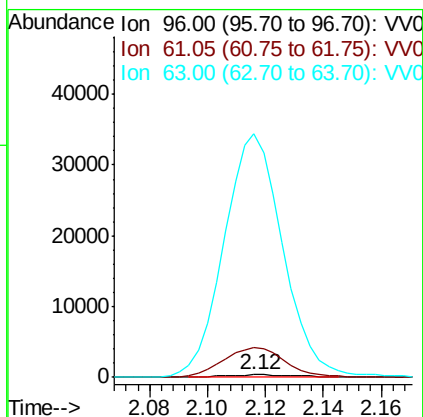
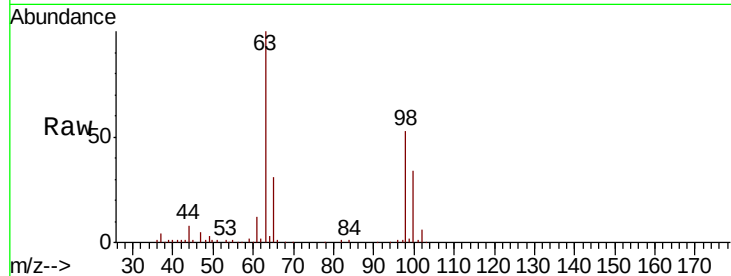




#12
 1,1-Dichloroethene
 Concen: 0.075 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VV015668.D
 Acq: 24 Apr 2020 10:43

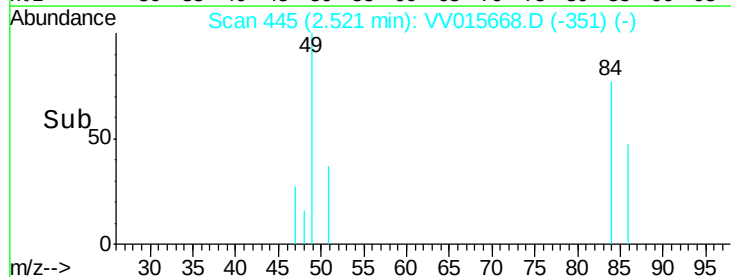
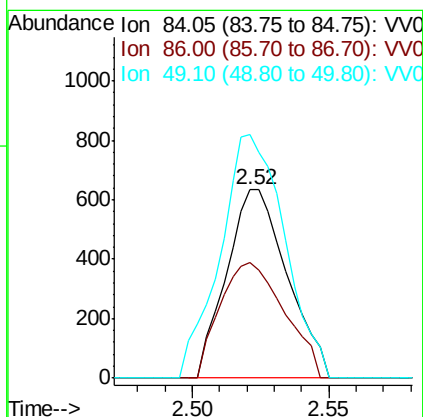
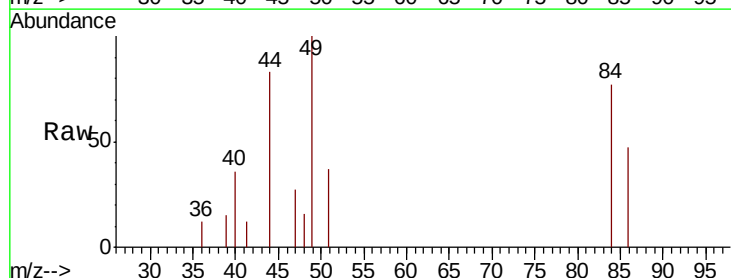
Instrument :
 MSVOA_V
 ClientSampled :

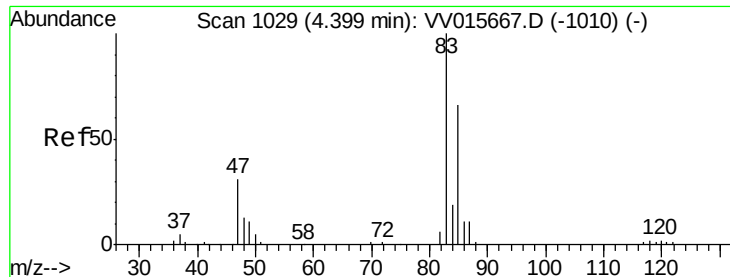
Tot Ion: 96 Resp: 576
 Ion Ratio Lower Upper
 96 100
 61 1175.0 130.1 241.7#
 63 9665.2 91.4 169.8#



#16
 Methylene chloride
 Concen: 0.103 ug/L
 RT: 2.52 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: VV015668.D
 Acq: 24 Apr 2020 10:43

Tgt Ion: 84 Resp: 978
 Ion Ratio Lower Upper
 84 100
 86 61.2 45.1 83.7
 49 129.2 94.4 175.4

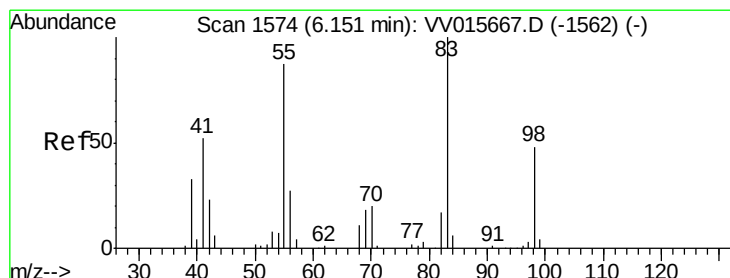
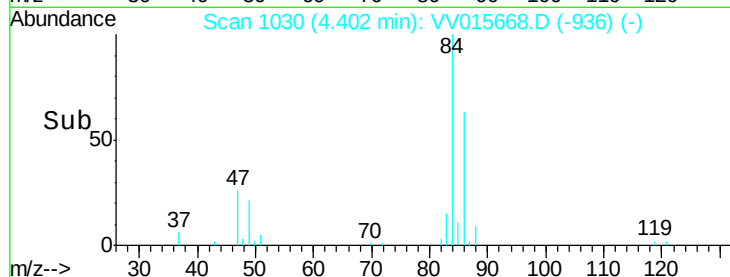
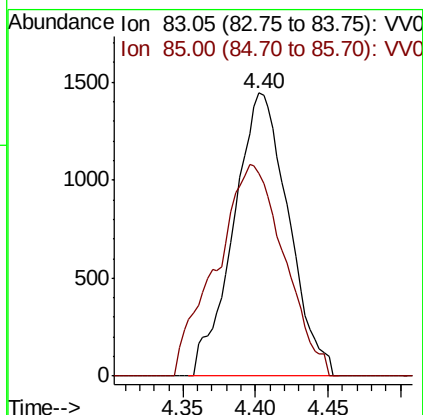
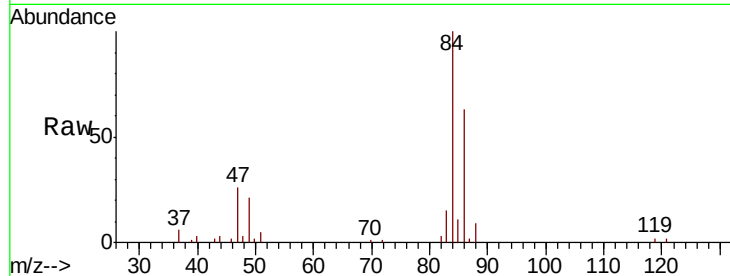




#25
Chloroform
Concen: 0.212 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015668.D
Acq: 24 Apr 2020 10:43

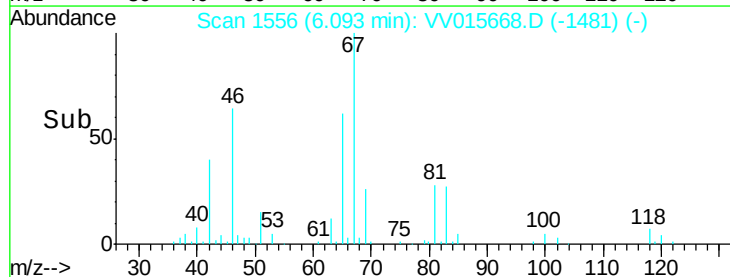
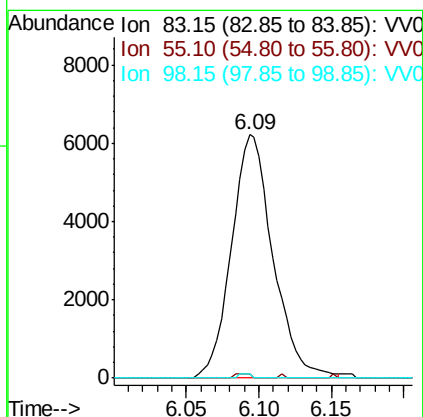
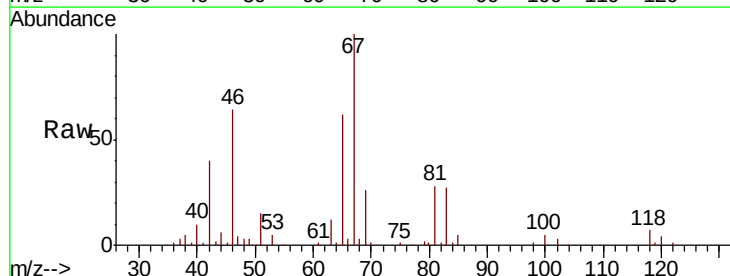
Instrument :
MSVOA_V
ClientSampled :

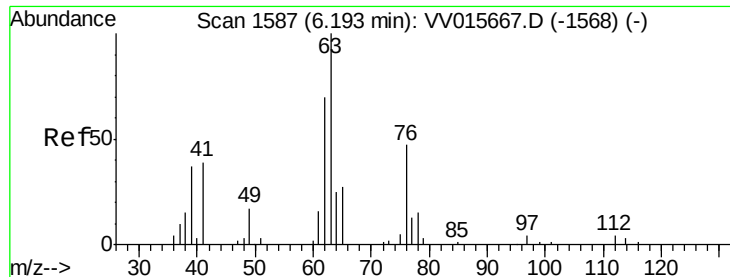
Tot Ion: 83 Resp: 3810
Ion Ratio Lower Upper
83 100
85 71.6 46.1 85.5



#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015668.D
Acq: 24 Apr 2020 10:43

Tgt Ion: 83 Resp: 12357
Ion Ratio Lower Upper
83 100
55 0.7 66.6 99.8#
98 0.5 39.5 59.3#

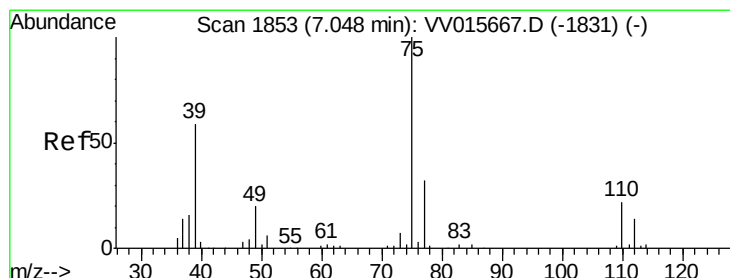
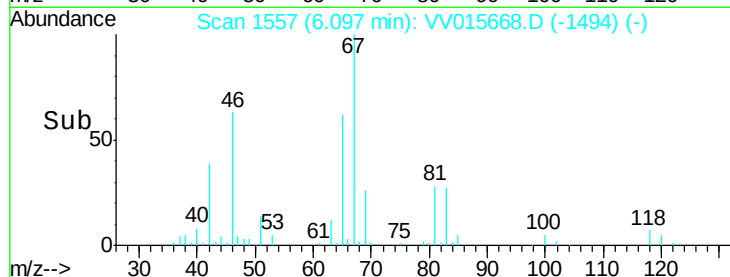
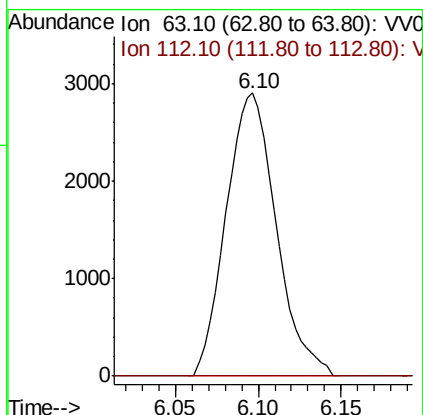
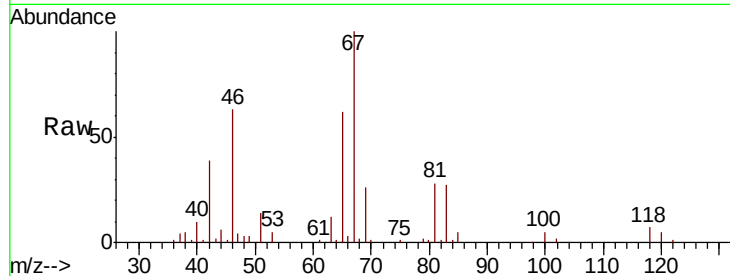




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015668.D
 Acq: 24 Apr 2020 10:43

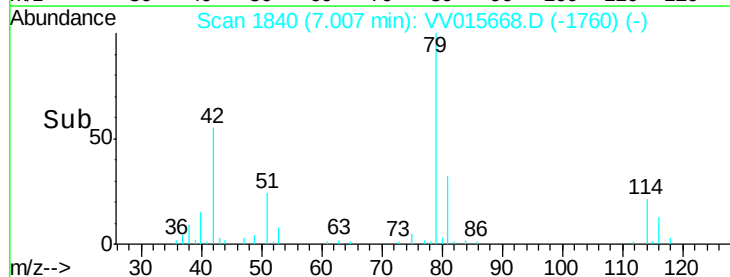
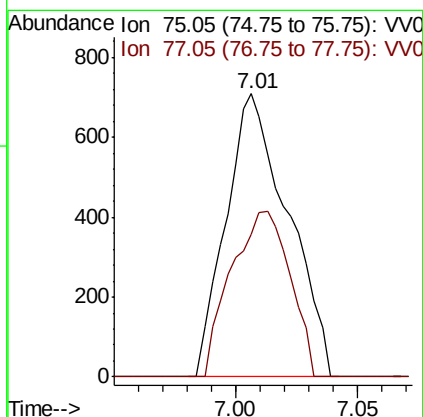
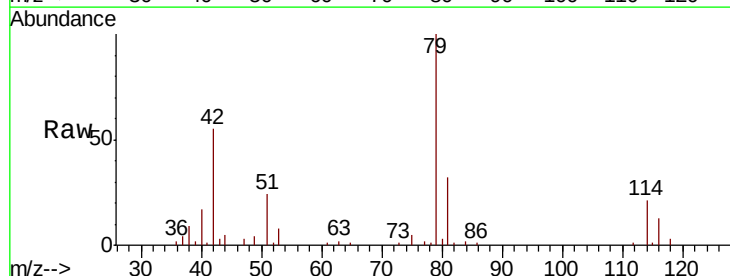
Instrument :
 MSVOA_V
 ClientSampleId :

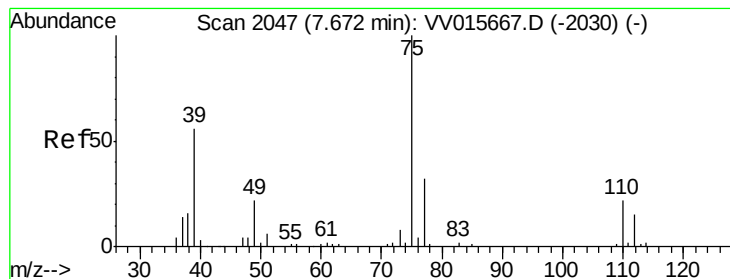
Tot Ion: 63 Resp: 6089
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015668.D
 Acq: 24 Apr 2020 10:43

Tgt Ion: 75 Resp: 1249
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015668.D

Acq: 24 Apr 2020 10:43

Instrument :

MSVOA_V

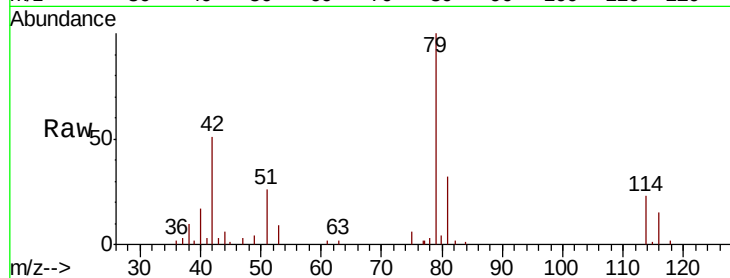
ClientSampleId :

Tot Ion: 75 Resp: 834

Ion Ratio Lower Upper

75 100

77 76.5 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

500

400

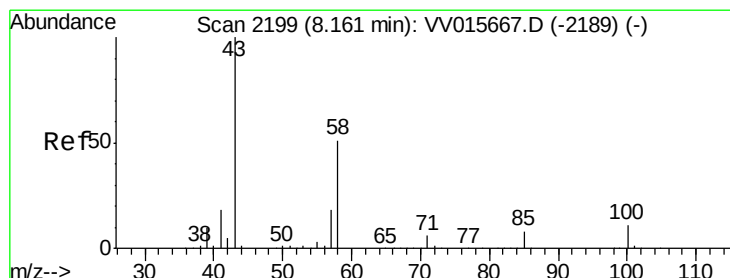
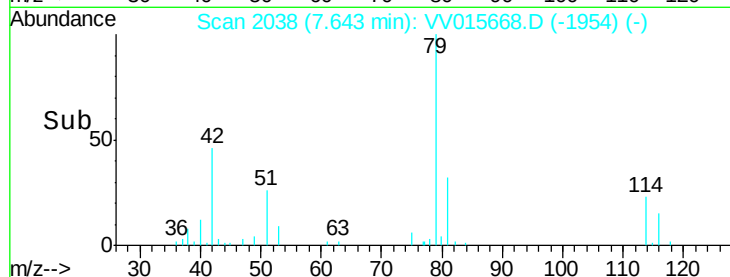
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 1.005 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV015668.D

Acq: 24 Apr 2020 10:43

Tgt Ion: 43 Resp: 4308

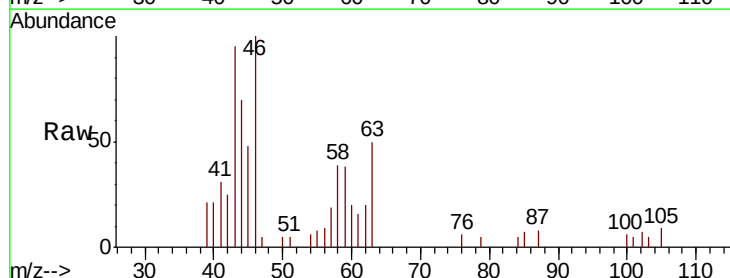
Ion Ratio Lower Upper

43 100

58 43.8 41.1 61.7

57 22.8 15.0 22.4#

100 7.1 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

10000

8000

6000

4000

2000

0

Time-->

