

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017669.D
 Acq On : 27 Jul 2020 11:07
 Operator : SY/MD
 Sample : VV0727WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	156610	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151744	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35706	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	29893	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.12	63	61480	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.96	46	86271	48.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.44%
24) Chloroform-d	4.38	84	93331	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.06	65	49843	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.07	84	164336	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.09	67	45491	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	146411	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
45) trans-1,3-Dichloropropene-	7.65	79	20238	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
48) 2-Hexanone-d5	8.12	63	53075	40.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31403	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	61411	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

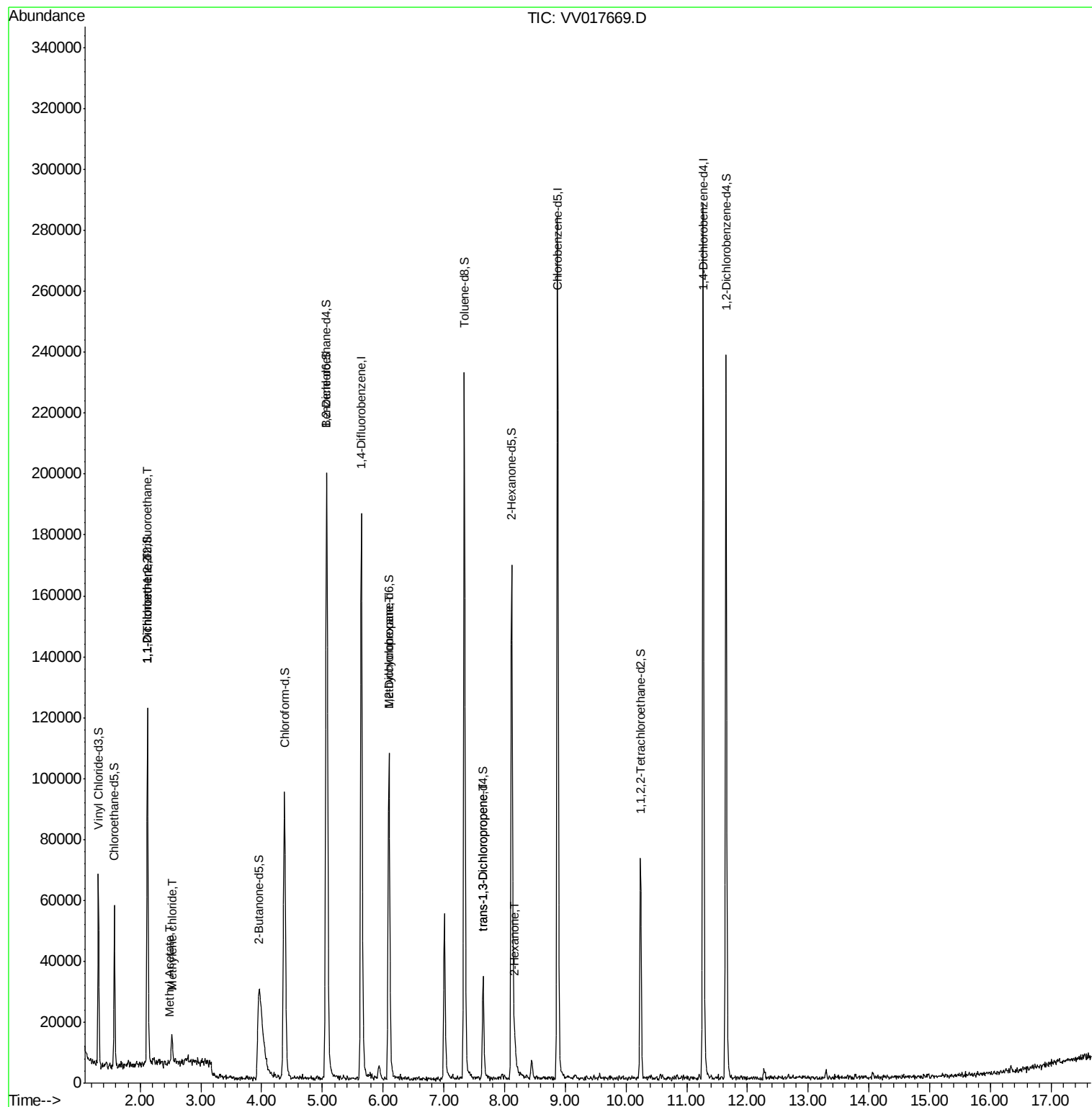
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	865	0.093 ug/L #	29
12) 1,1-Dichloroethene	2.12	96	919	0.109 ug/L #	1
15) Methyl Acetate	2.48	43	737	0.270 ug/L #	54
16) Methylene chloride	2.52	84	4223	0.450 ug/L	96
35) Methylcyclohexane	6.09	83	12454	0.686 ug/L #	19
46) trans-1,3-Dichloropropene	7.65	75	1180	0.086 ug/L	85
50) 2-Hexanone	8.17	43	4792	1.224 ug/L #	75

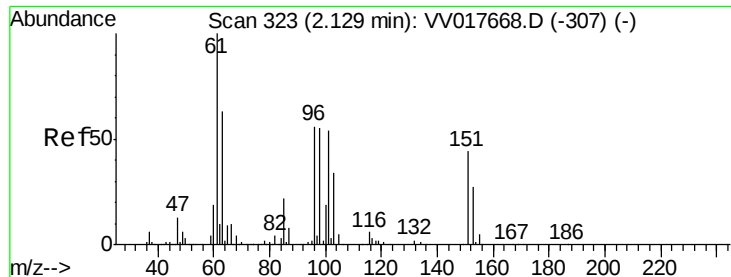
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 28 04:54:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017669.D

Acq: 27 Jul 2020 11:07

Instrument :

MSVOA_V

ClientSampleId :

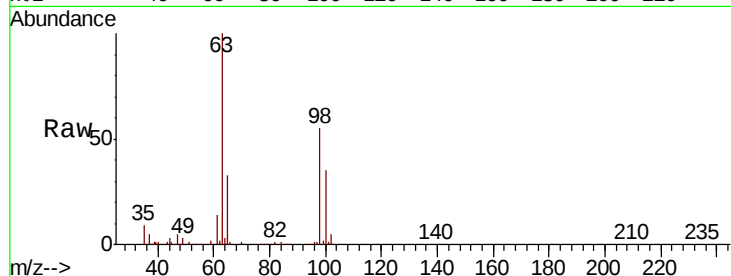
Tot Ion:101 Resp: 865

Ion Ratio Lower Upper

101 100

85 13.6 34.6 51.8#

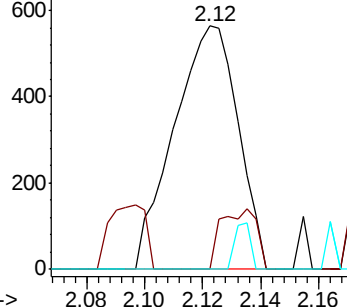
151 4.6 63.5 95.3#



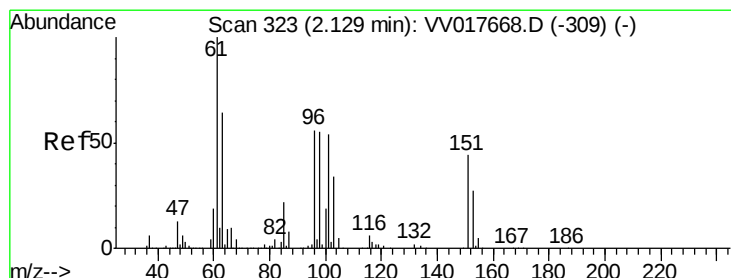
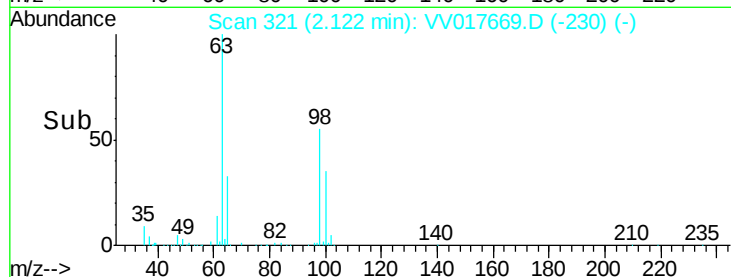
Abundance Ion 101.00 (100.70 to 101.70): VV017669.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV017669.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV017669.D (-230) (-)



Time-->



#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017669.D

Acq: 27 Jul 2020 11:07

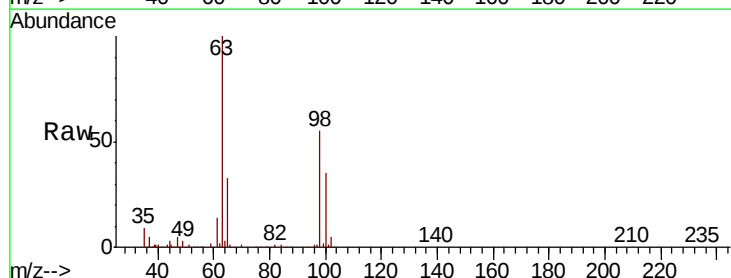
Tgt Ion: 96 Resp: 919

Ion Ratio Lower Upper

96 100

61 1173.1 123.1 228.7#

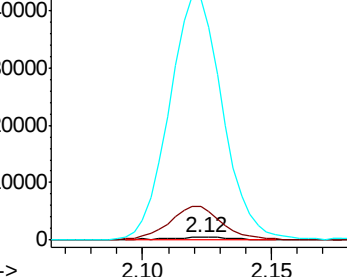
63 8420.9 91.2 169.4#



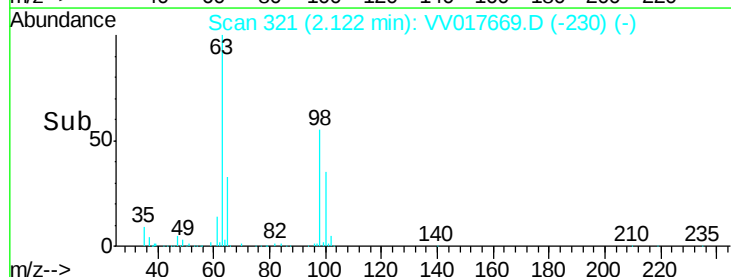
Abundance Ion 96.00 (95.70 to 96.70): VV017669.D (-230) (-)

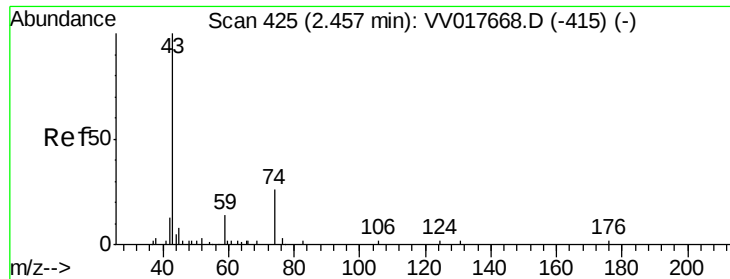
Ion 61.05 (60.75 to 61.75): VV017669.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV017669.D (-230) (-)



Time-->

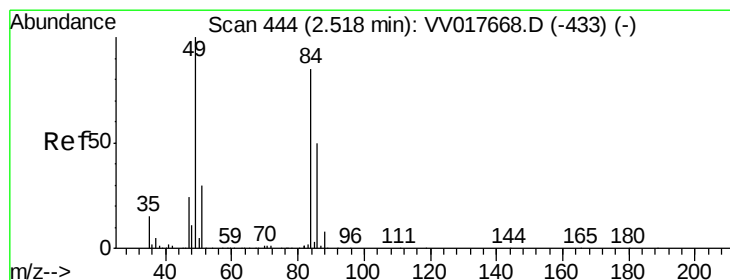
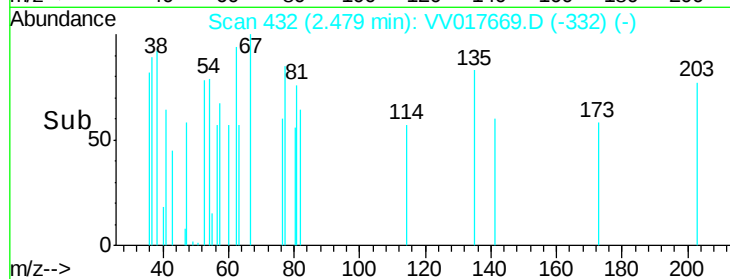
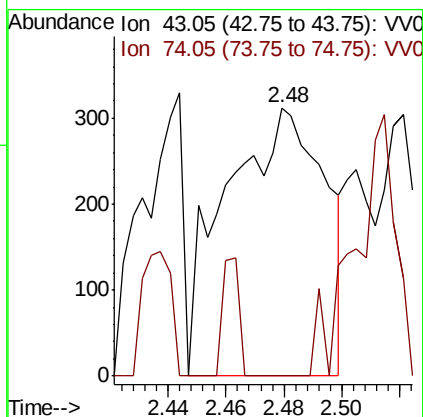
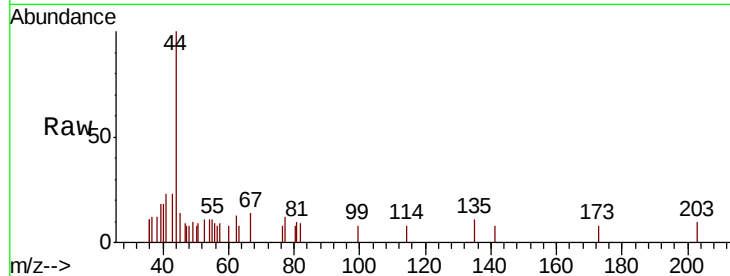




#15
Methyl Acetate
Concen: 0.270 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.02 min
Lab File: VV017669.D
Acq: 27 Jul 2020 11:07

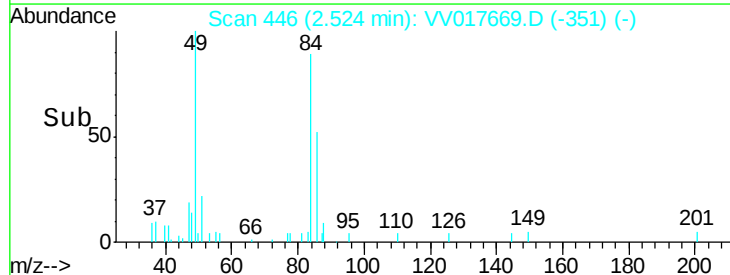
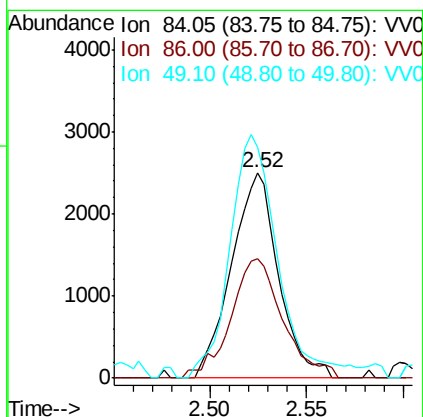
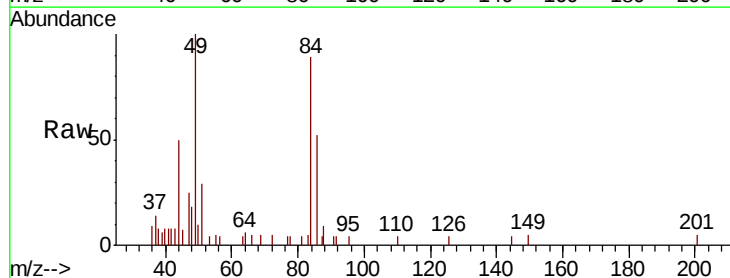
Instrument :
MSVOA_V
ClientSampled :

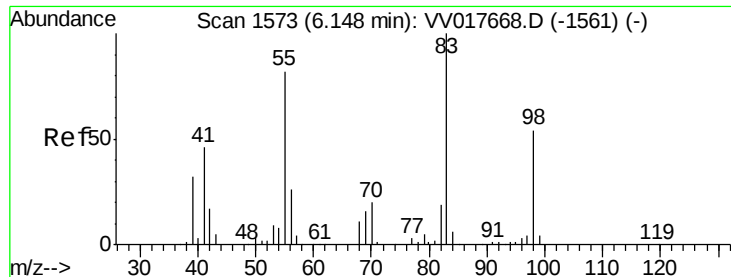
Tot Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
74 7.1 26.6 40.0#



#16
Methylene chloride
Concen: 0.450 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV017669.D
Acq: 27 Jul 2020 11:07

Tgt Ion: 84 Resp: 4223
Ion Ratio Lower Upper
84 100
86 58.3 46.5 86.3
49 112.5 79.2 147.2

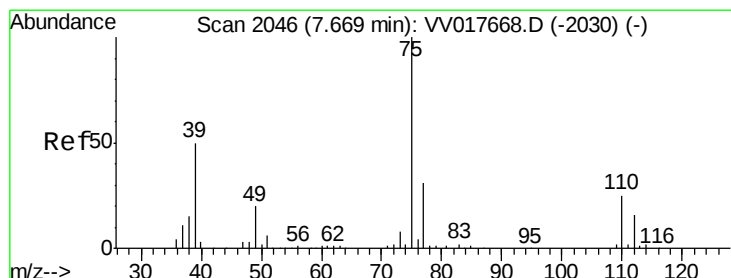
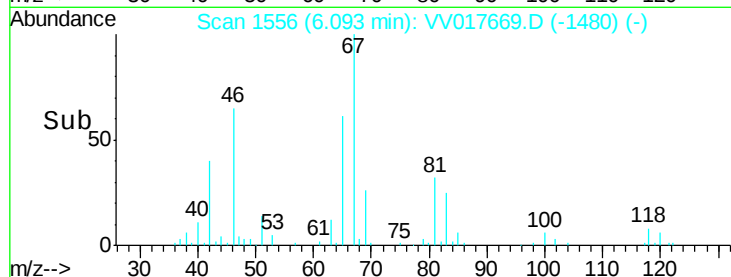
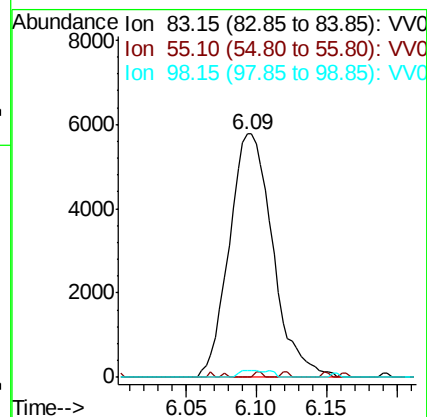
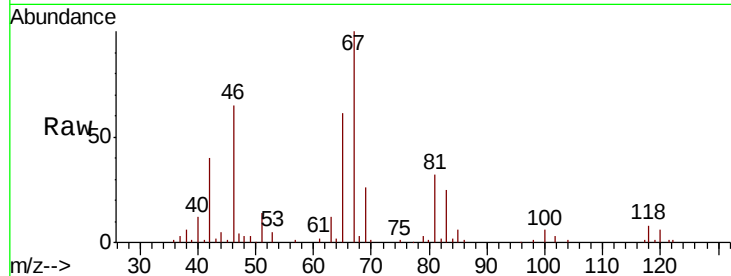




#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017669.D
Acq: 27 Jul 2020 11:07

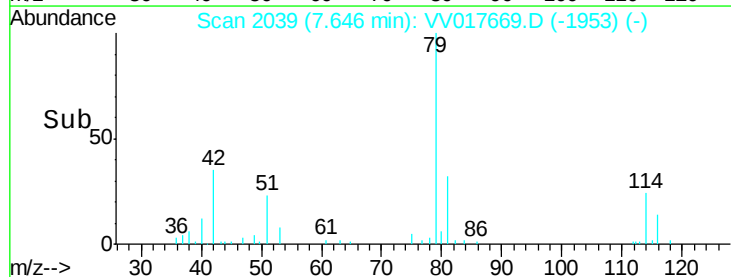
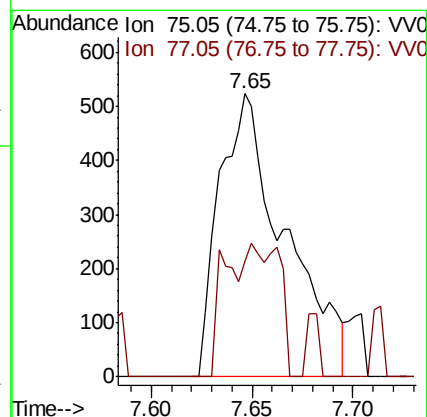
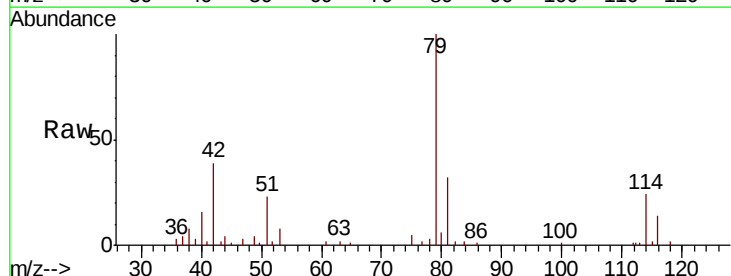
Instrument :
MSVOA_V
ClientSampleId :

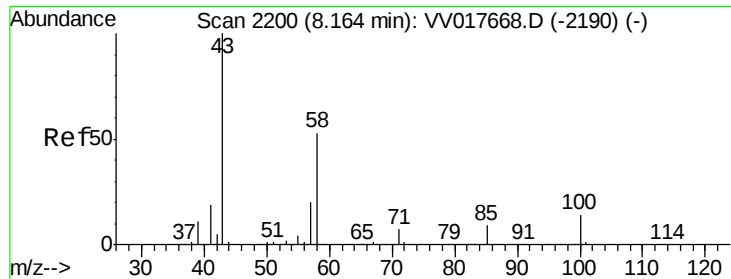
Tot Ion: 83 Resp: 12454
Ion Ratio Lower Upper
83 100
55 0.4 61.8 92.8#
98 1.4 39.0 58.6#



#46
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV017669.D
Acq: 27 Jul 2020 11:07

Tgt Ion: 75 Resp: 1180
Ion Ratio Lower Upper
75 100
77 40.7 22.5 41.7





#50

2-Hexanone

Concen: 1.224 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017669.D

Acq: 27 Jul 2020 11:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4792

Ion Ratio Lower Upper

43 100

58 29.5 41.6 62.4#

57 12.9 15.4 23.0#

100 8.9 11.2 16.8#

