

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017670.D
 Acq On : 27 Jul 2020 11:33
 Operator : SY/MD
 Sample : L3443-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:54:37 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	141981	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140306	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30434	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	27069	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.12	63	52424	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	73581	45.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.74%
24) Chloroform-d	4.37	84	81771	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.06	65	45957	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.07	84	142163	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.09	67	39507	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	123030	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.64	79	15405	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
48) 2-Hexanone-d5	8.11	63	50314	41.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.34%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27444	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	50421	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

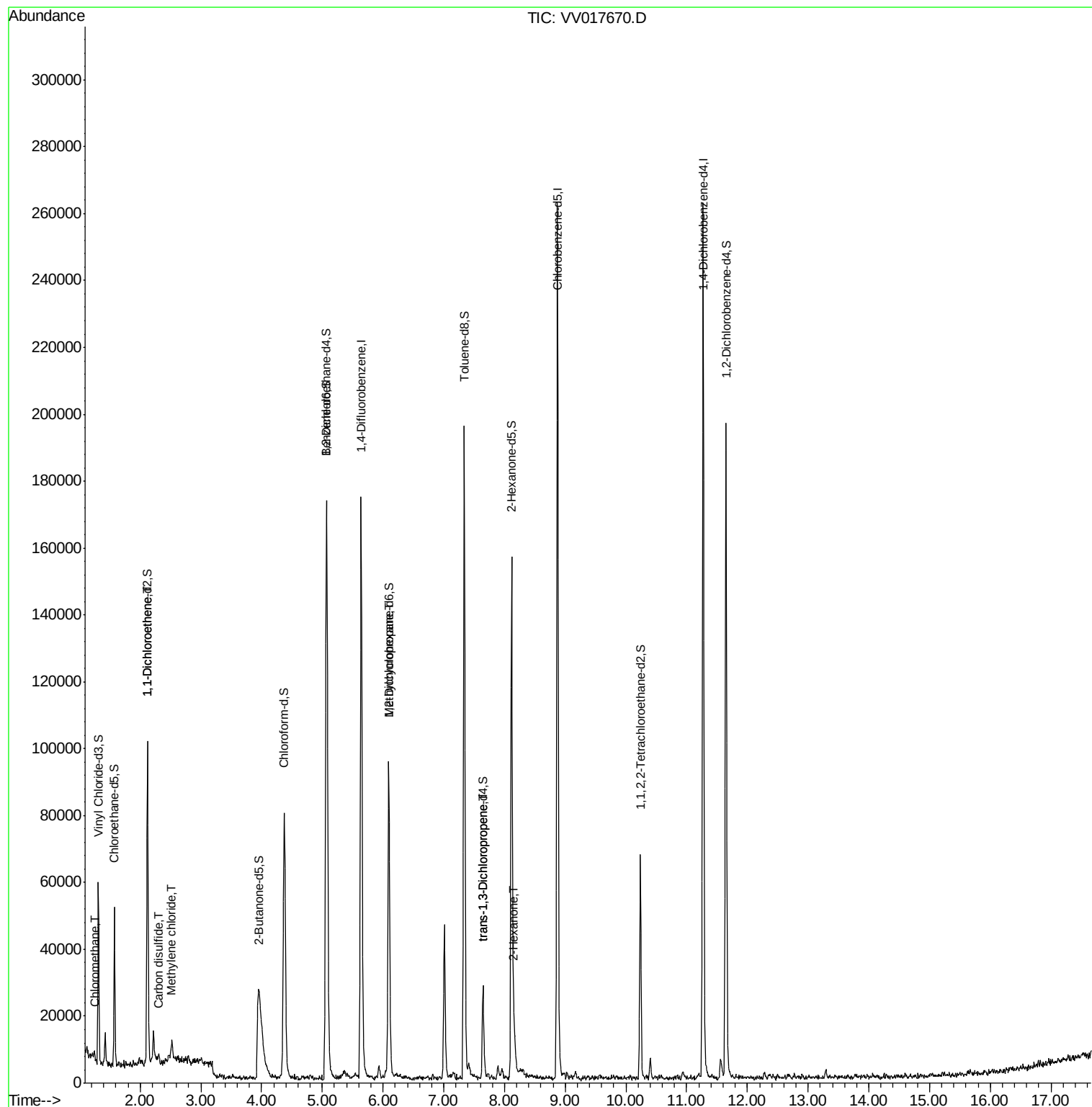
					Ovalue
3) Chloromethane	1.25	50	1471	0.145 ug/L	90
12) 1,1-Dichloroethene	2.12	96	578	0.076 ug/L #	1
14) Carbon disulfide	2.30	76	1820	0.078 ug/L #	79
16) Methylene chloride	2.52	84	2366	0.278 ug/L #	68
35) Methylcyclohexane	6.10	83	12015	0.716 ug/L #	19
46) trans-1,3-Dichloropropene	7.64	75	1331	0.105 ug/L	96
50) 2-Hexanone	8.16	43	1551	0.428 ug/L #	45

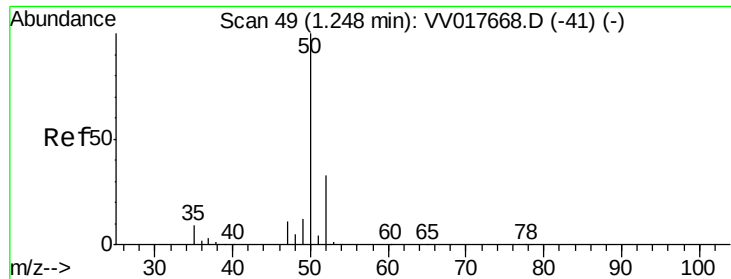
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017670.D

Acq: 27 Jul 2020 11:33

Instrument :

MSVOA_V

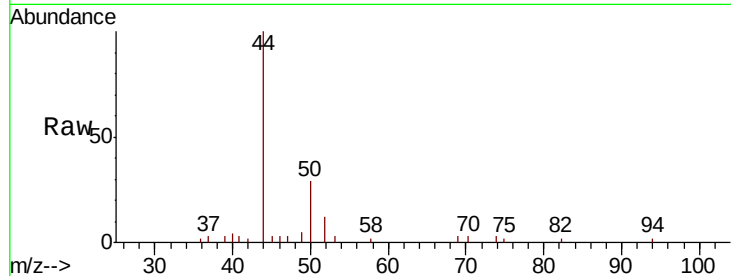
ClientSampleId :

Tot Ion: 50 Resp: 1471

Ion Ratio Lower Upper

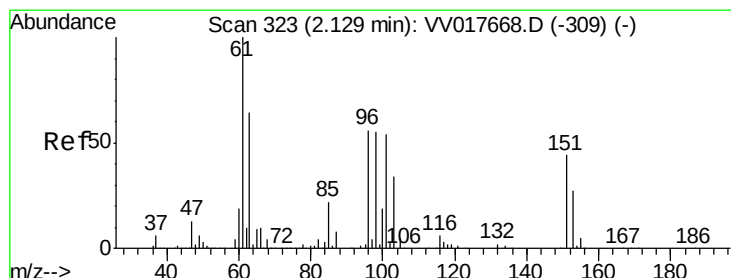
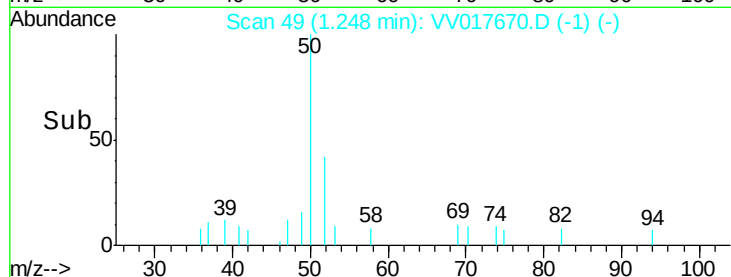
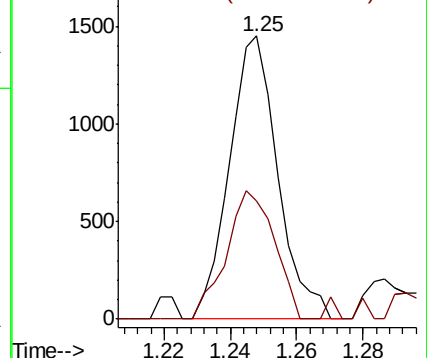
50 100

52 41.7 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017670.D

Acq: 27 Jul 2020 11:33

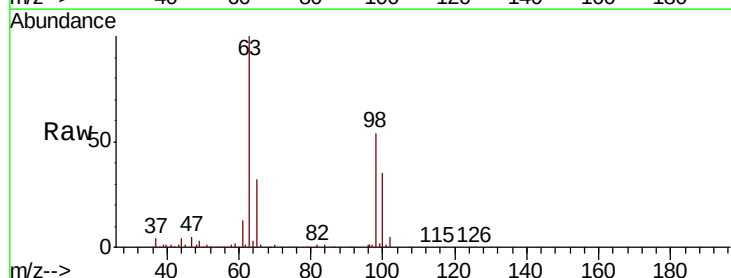
Tgt Ion: 96 Resp: 578

Ion Ratio Lower Upper

96 100

61 789.9 123.1 228.7#

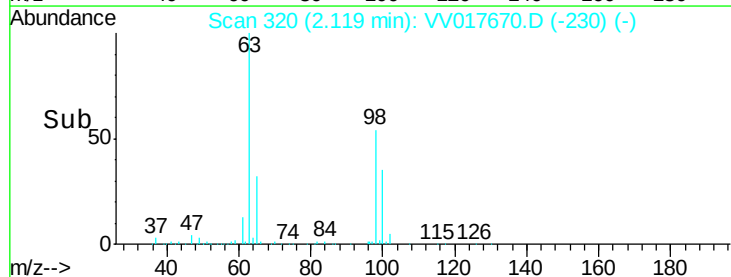
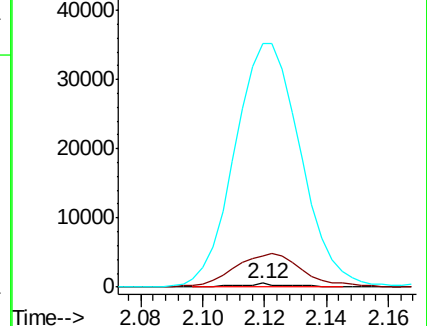
63 6109.7 91.2 169.4#

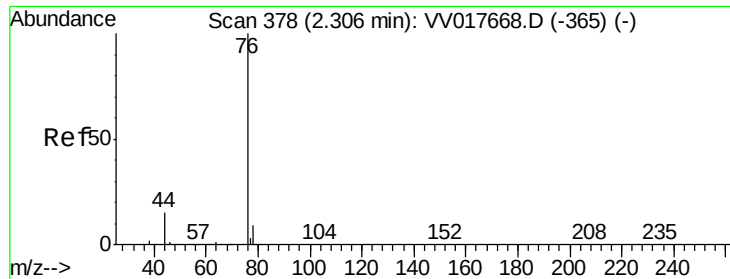


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VV017670.D

Acq: 27 Jul 2020 11:33

Instrument :

MSVOA_V

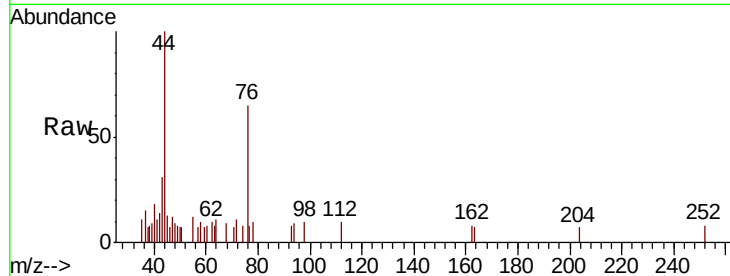
ClientSampled :

Tot Ion: 76 Resp: 1820

Ion Ratio Lower Upper

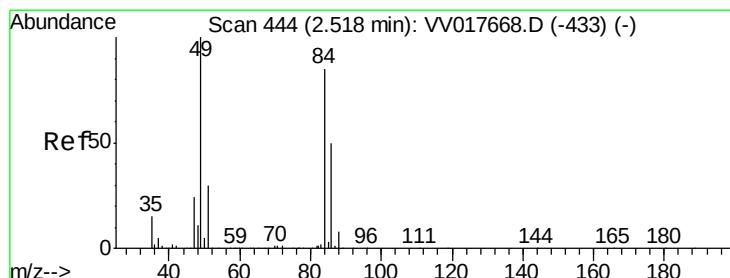
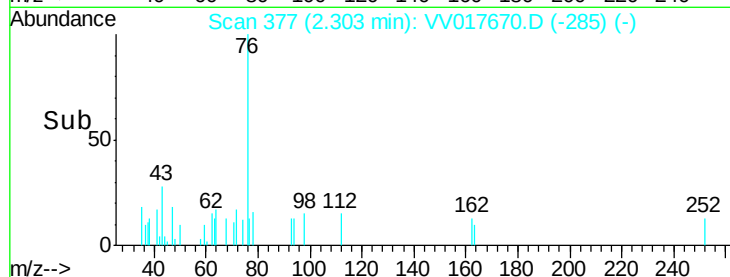
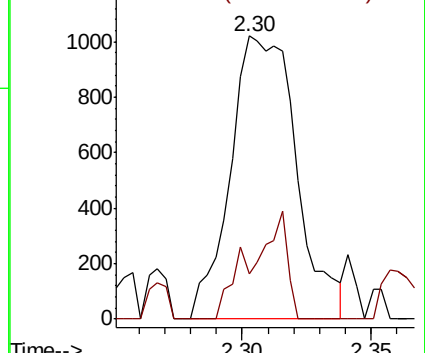
76 100

78 15.9 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.278 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017670.D

Acq: 27 Jul 2020 11:33

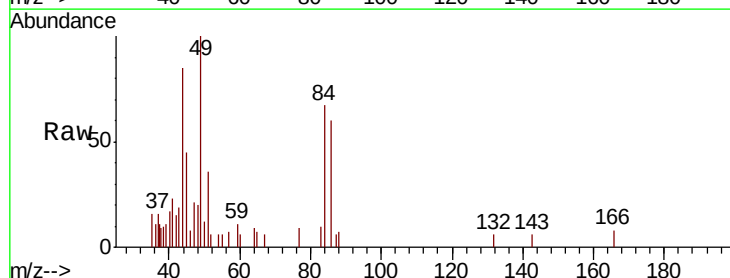
Tgt Ion: 84 Resp: 2366

Ion Ratio Lower Upper

84 100

86 89.9 46.5 86.3#

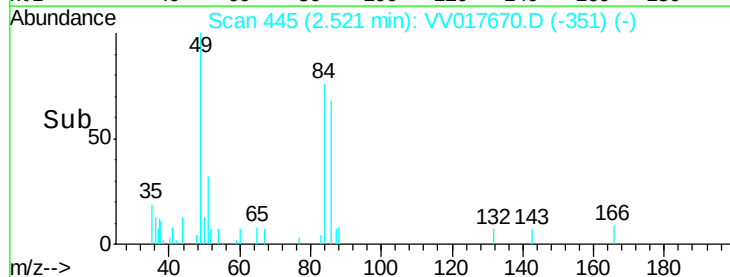
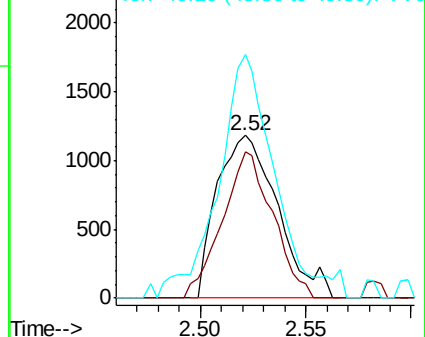
49 149.5 79.2 147.2#

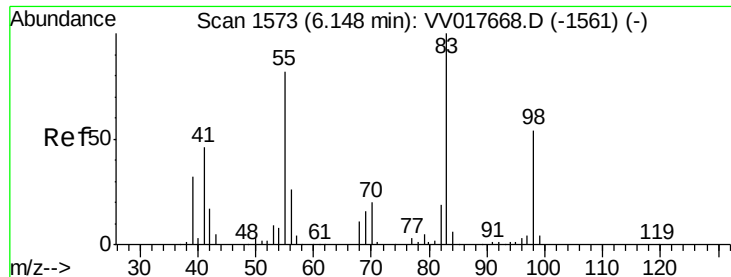


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

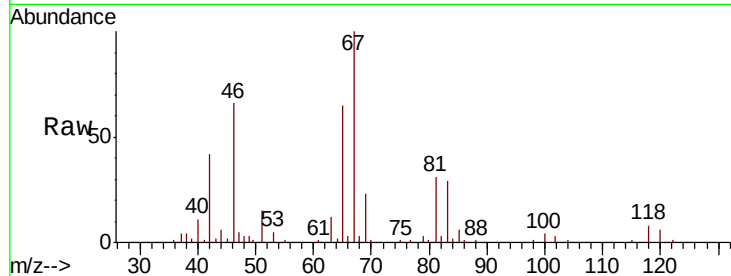




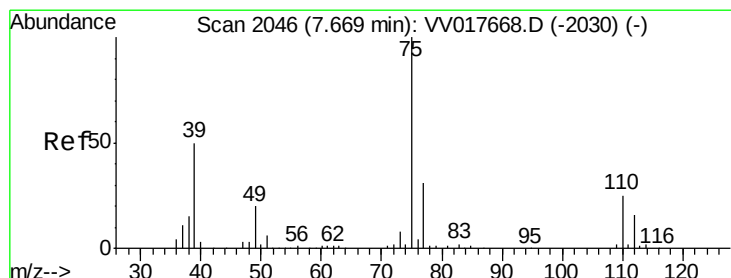
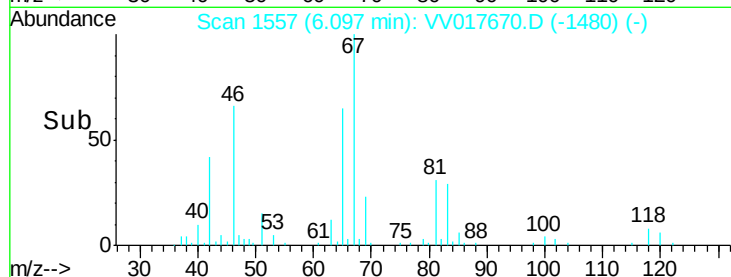
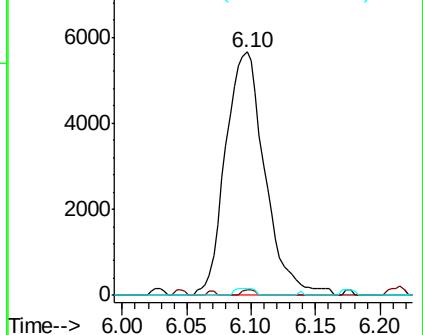
#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017670.D
Acq: 27 Jul 2020 11:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12015
Ion Ratio Lower Upper
83 100
55 0.7 61.8 92.8#
98 1.4 39.0 58.6#

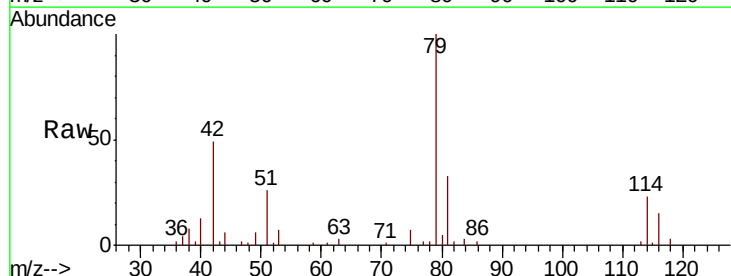


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

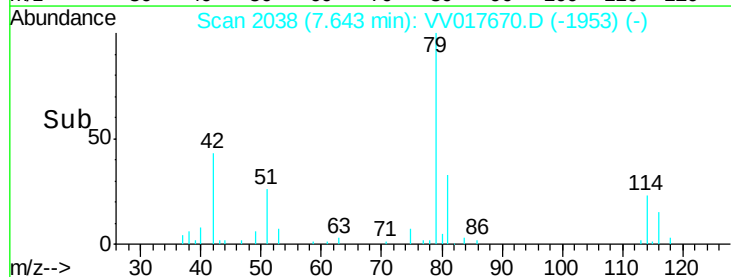
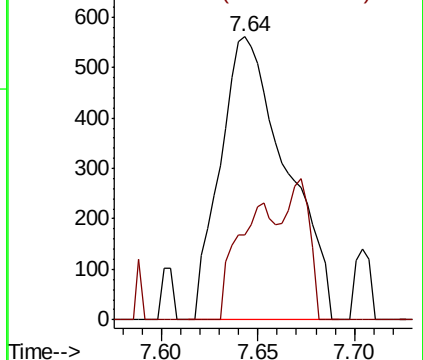


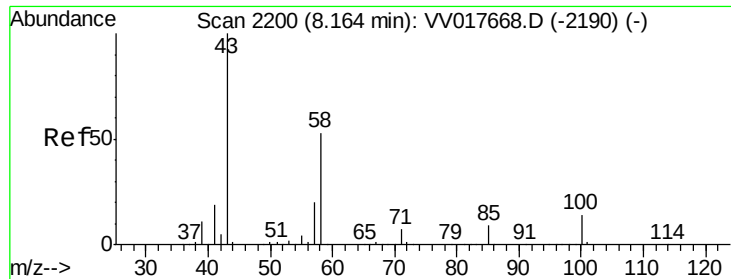
#46
trans-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017670.D
Acq: 27 Jul 2020 11:33

Tgt Ion: 75 Resp: 1331
Ion Ratio Lower Upper
75 100
77 29.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#50

2-Hexanone

Concen: 0.428 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VV017670.D

Acq: 27 Jul 2020 11:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

58 0.0 41.6 62.4#

57 33.5 15.4 23.0#

100 21.1 11.2 16.8#

