

Data File : VV014620.D
Acq On : 20 Feb 2020 13:53
Operator : SY/MD
Sample : L1584-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AM4

Quant Time: Feb 21 03:34:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	189481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37285	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	30694	56.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.86%
11) 1,1-Dichloroethene-d2	2.13	63	56458	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
21) 2-Butanone-d5	3.93	46	82823	129.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.13%
24) Chloroform-d	4.40	84	136557	60.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.08%
26) 1,2-Dichloroethane-d4	5.07	65	91860	65.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.30%#
32) Benzene-d6	5.09	84	284026	62.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.36%#
36) 1,2-Dichloropropane-d6	6.11	67	84828	62.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.30%#
41) Toluene-d8	7.35	98	262731	60.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.54%#
43) trans-1,3-Dichloropropene-	7.66	79	44877	59.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.26%
47) 2-Hexanone-d5	8.13	63	69560	127.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.54%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	119114	64.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	128.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	110089	65.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.14%#

Target Compounds

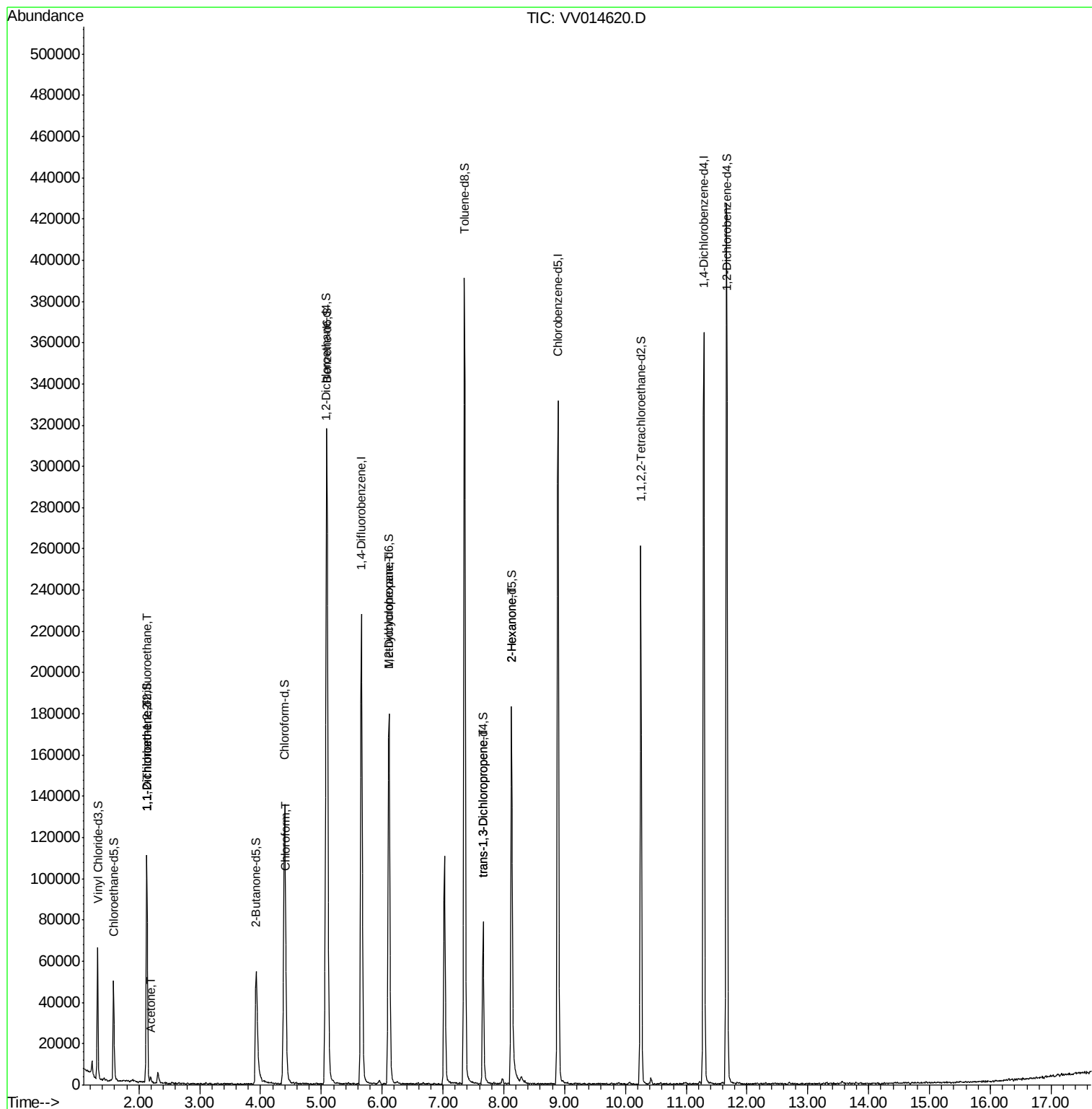
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	583	0.877 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	506	0.819 ug/L #	1
13) Acetone	2.19	43	1822	3.311 ug/L	73
25) Chloroform	4.42	83	8270	3.498 ug/L	93
35) Methylcyclohexane	6.11	83	22404	10.659 ug/L #	21
44) trans-1,3-Dichloropropene	7.66	75	2266	1.157 ug/L	98
48) 2-Hexanone	8.13	43	7446	6.294 ug/L #	66

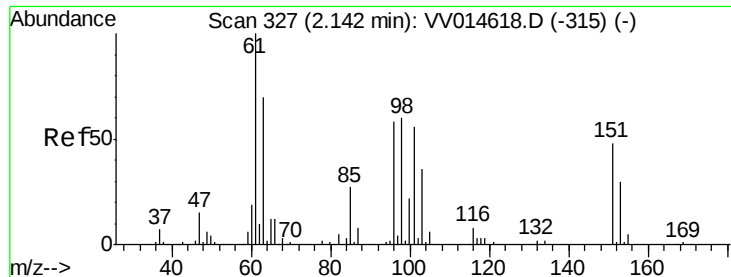
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.877 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

C0AM4

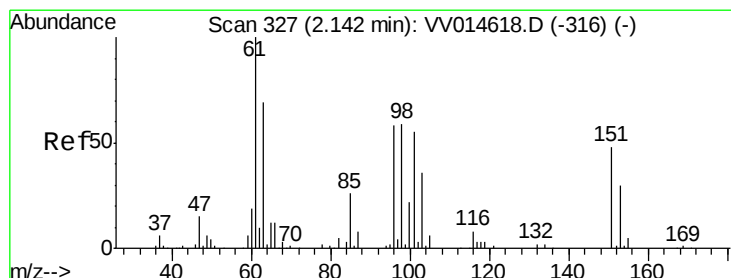
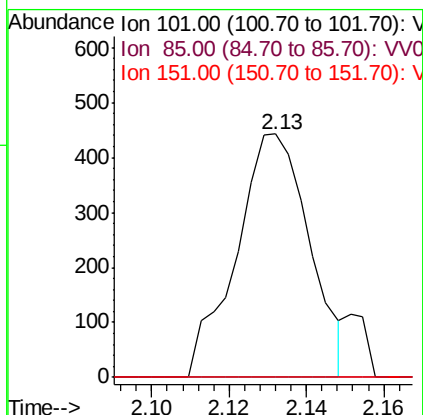
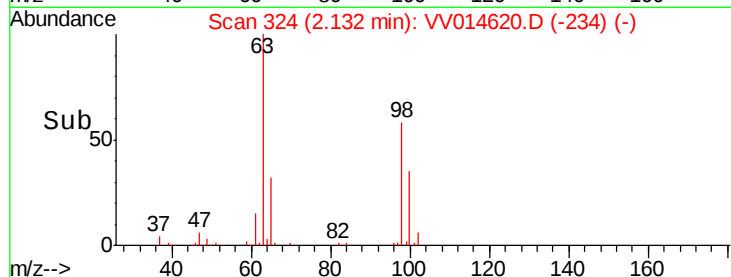
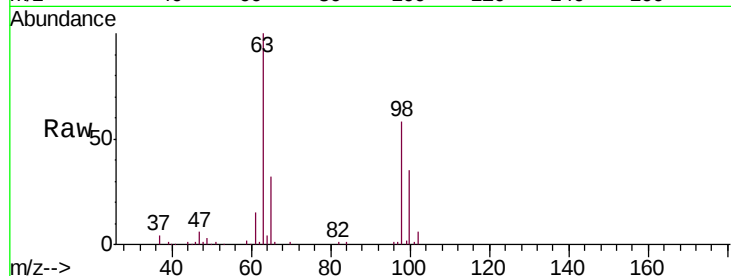
Tgt Ion: 101 Resp: 583

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

151 0.0 65.4 98.2#



#12

1,1-Dichloroethene

Concen: 0.819 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014620.D

Acq: 20 Feb 2020 13:53

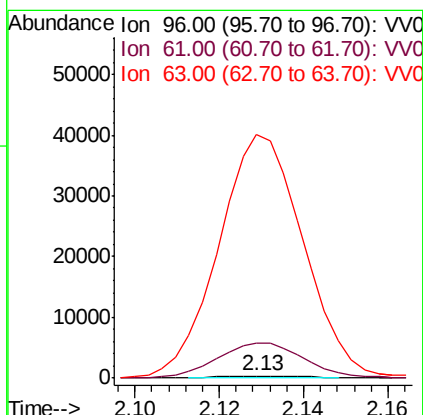
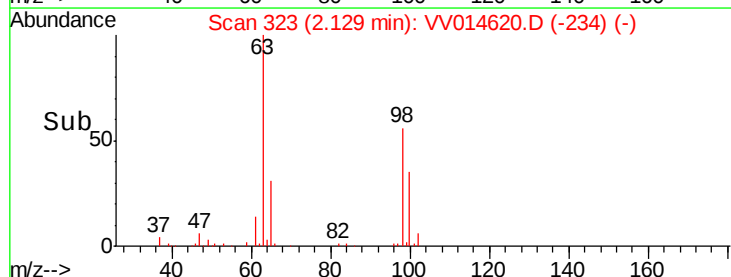
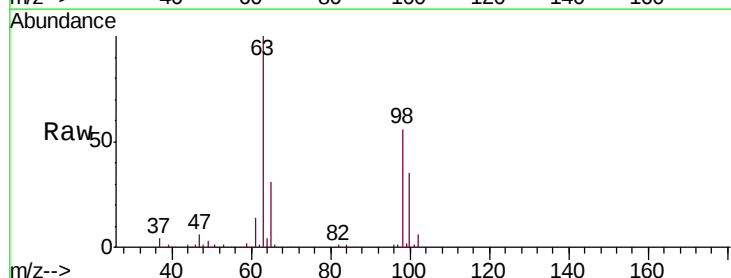
Tgt Ion: 96 Resp: 506

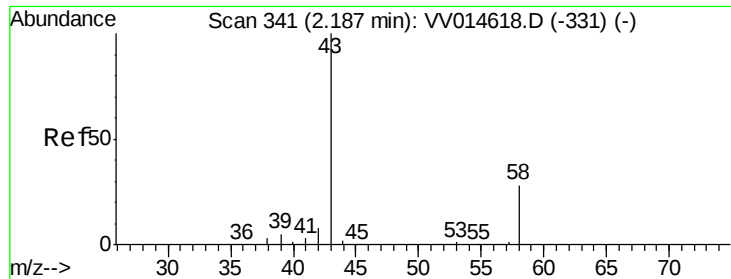
Ion Ratio Lower Upper

96 100

61 1555.5 124.2 230.6#

63 10749.6 89.2 165.8#





#13

Acetone

Concen: 3.311 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV014620.D

Acq: 20 Feb 2020 13:53

Instrument :

MSVOA_V

ClientSampled :

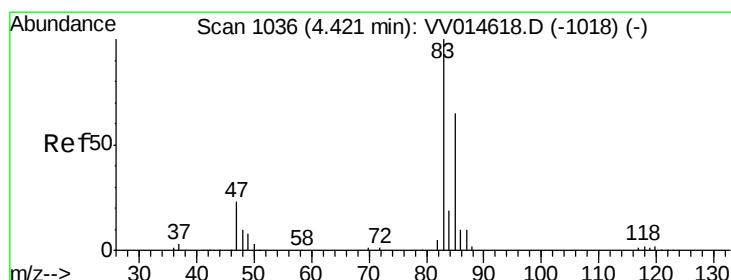
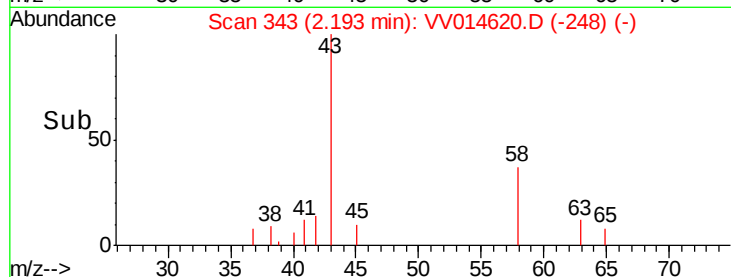
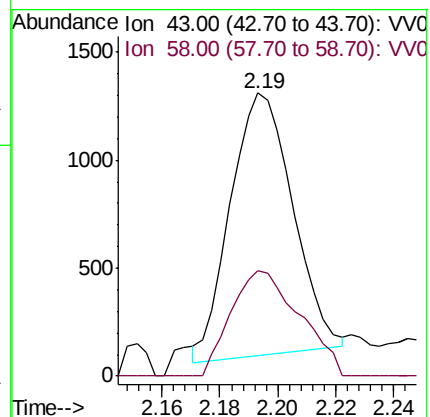
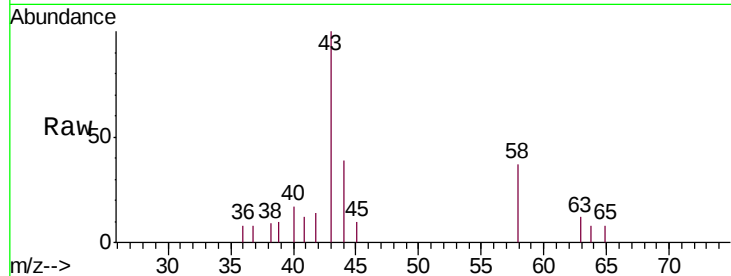
C0AM4

Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

43 100

58 44.0 0.0 58.8



#25

Chloroform

Concen: 3.498 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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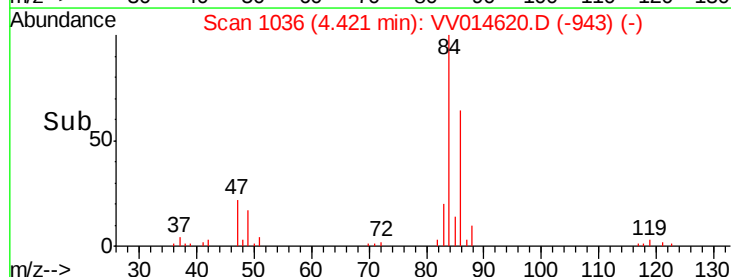
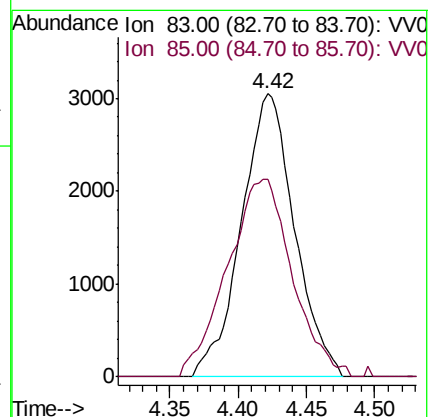
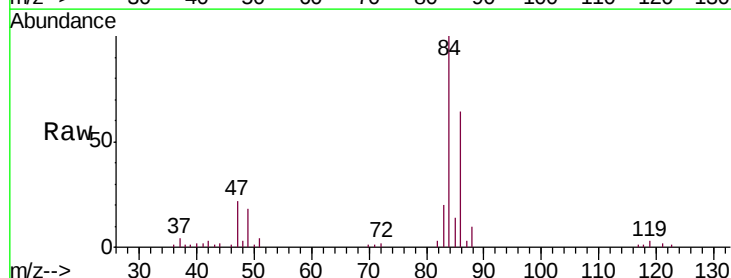
Acq: 20 Feb 2020 13:53

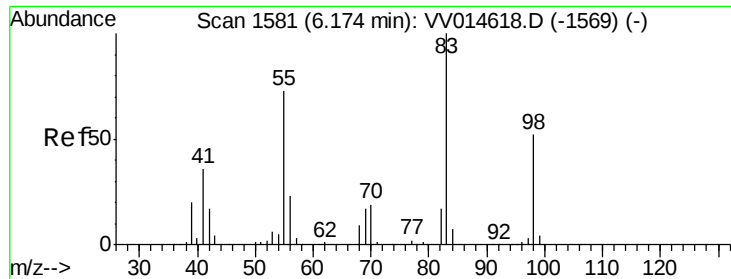
Tgt Ion: 83 Resp: 8270

Ion Ratio Lower Upper

83 100

85 69.7 45.0 83.6

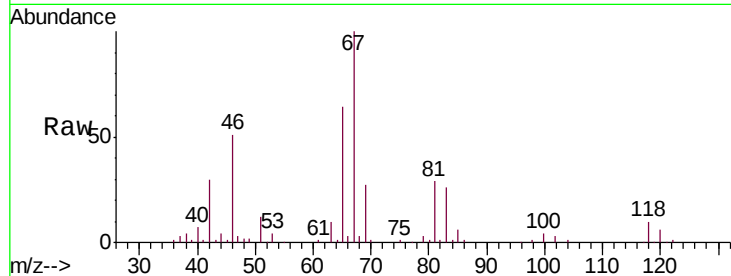




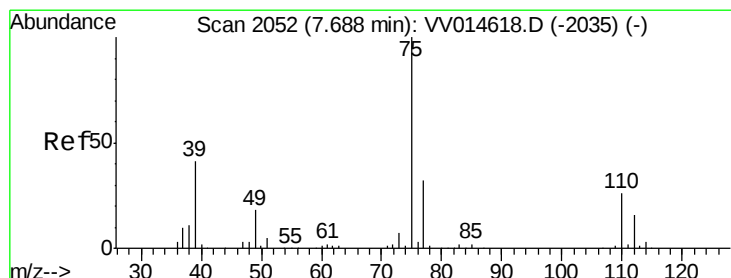
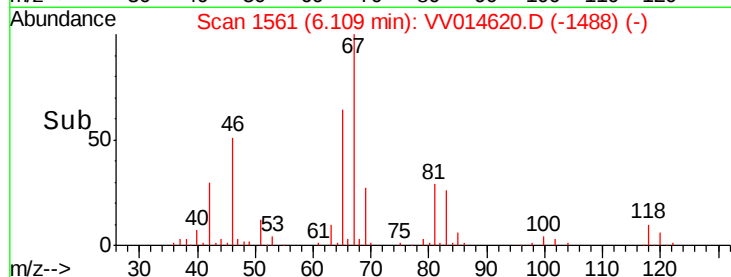
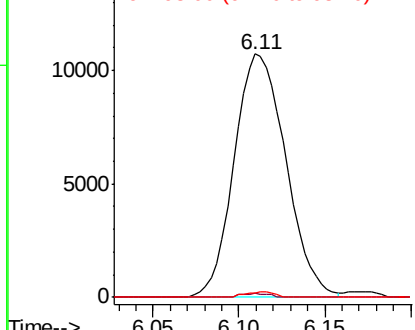
#35
Methylcyclohexane
Concen: 10.659 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV014620.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AM4

Tgt Ion: 83 Resp: 22404
Ion Ratio Lower Upper
83 100
55 0.8 57.8 86.6#
98 1.3 39.7 59.5#

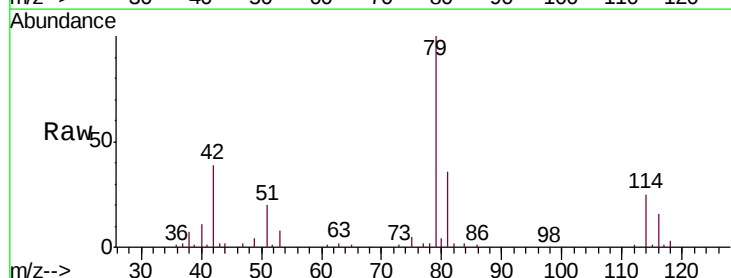


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

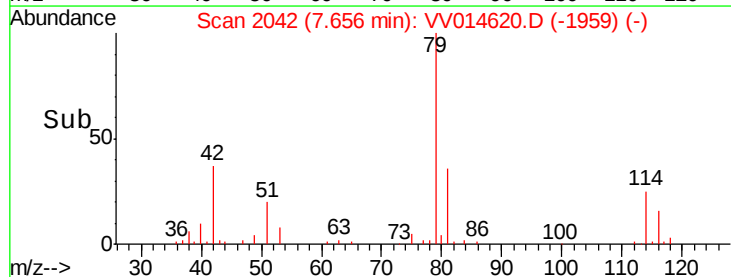
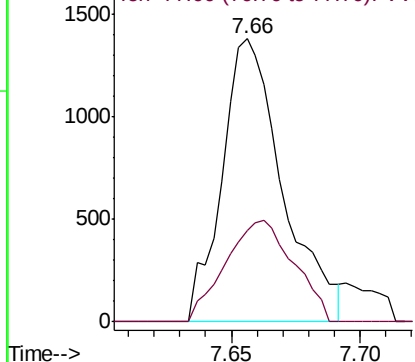


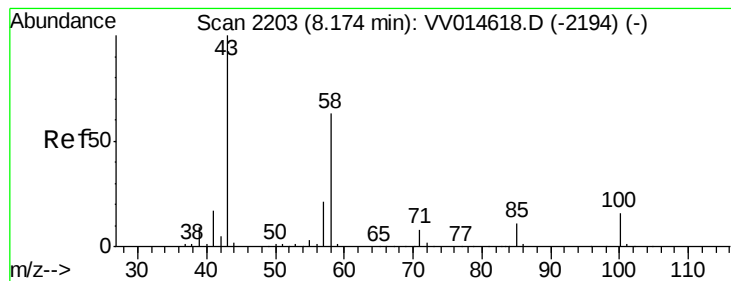
#44
trans-1,3-Dichloropropene
Concen: 1.157 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.03 min
Lab File: VV014620.D
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Tgt Ion: 75 Resp: 2266
Ion Ratio Lower Upper
75 100
77 32.1 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#48
 2-Hexanone
 Concen: 6.294 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.04 min
 Lab File: VV014620.D
 Acq: 20 Feb 2020 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AM4

Tgt Ion:	43	Resp:	7446
Ion	Ratio	Lower	Upper
43	100		
58	29.2	50.4	75.6#
57	25.2	17.8	26.6
100	0.0	12.6	19.0#

