

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016022.D
 Acq On : 12 May 2020 18:35
 Operator : SY/MD
 Sample : L2542-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138968	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27788	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.58	69	29259	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.12	63	48060	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.94	46	115593	53.56	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.12%
24) Chloroform-d	4.38	84	77740	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	44522	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.08	84	145405	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.10	67	47475	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	129701	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.65	79	15440	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	8.12	63	76255	43.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35827	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	50221	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

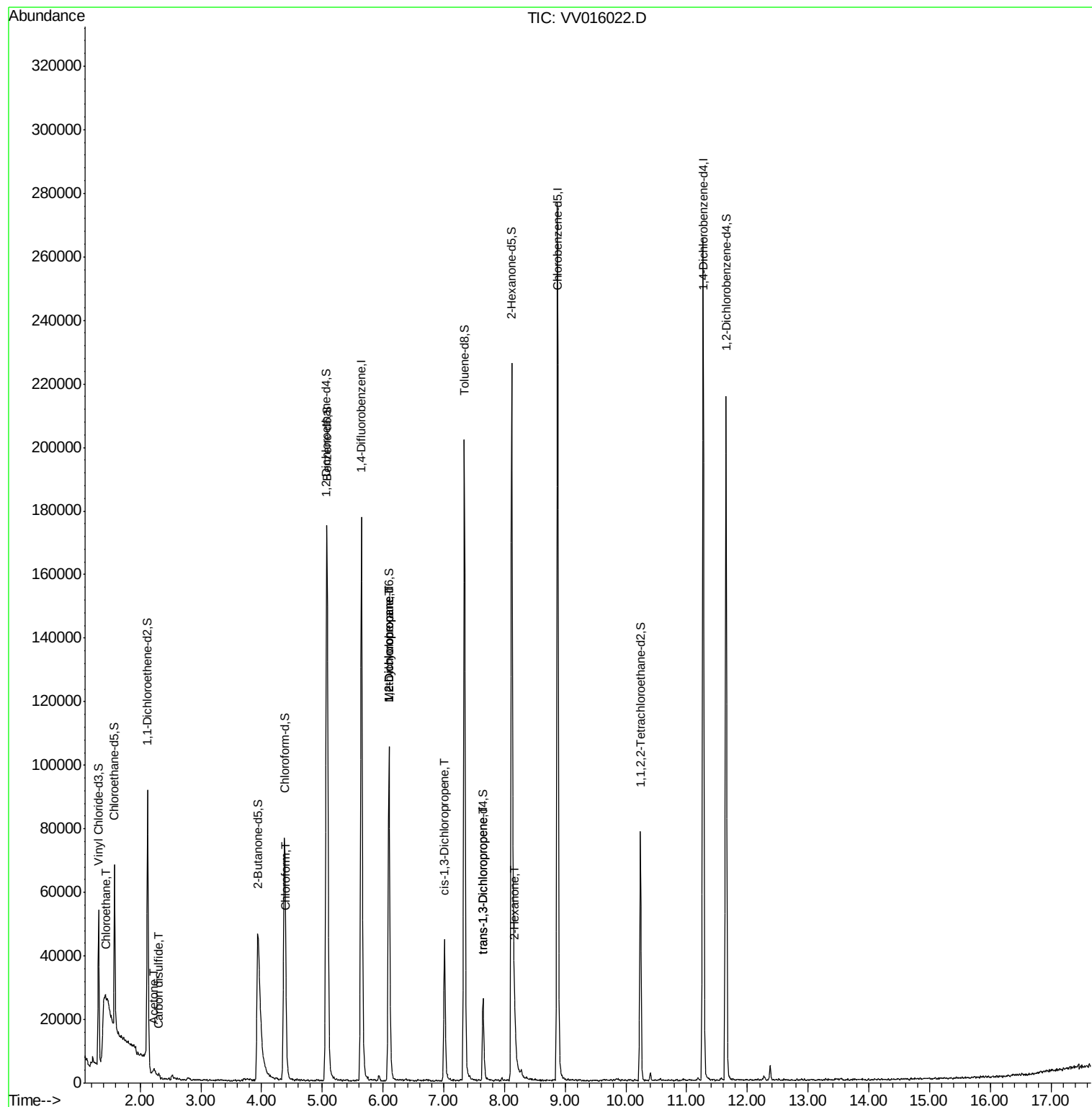
					Ovalue
8) Chloroethane	1.42	64	44700	6.064 ug/L #	50
13) Acetone	2.23	43	4436	3.116 ug/L #	49
14) Carbon disulfide	2.31	76	1400	0.055 ug/L #	89
25) Chloroform	4.41	83	2202	0.122 ug/L	91
35) Methylcyclohexane	6.10	83	11945	0.791 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5829	0.656 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1358	0.108 ug/L	94
46) trans-1,3-Dichloropropene	7.64	75	784	0.074 ug/L	84
50) 2-Hexanone	8.17	43	6090	1.555 ug/L #	87

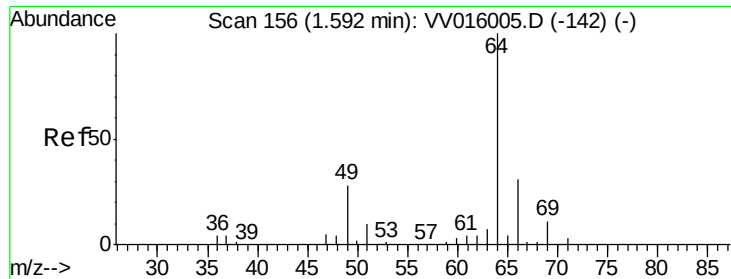
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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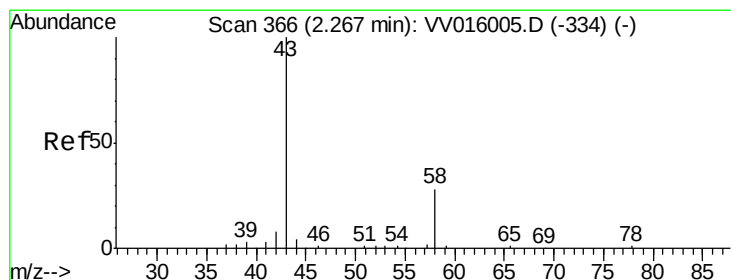
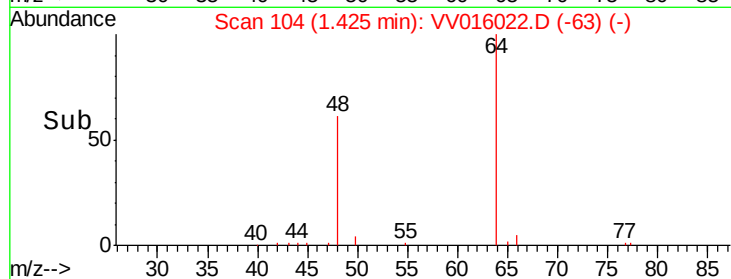
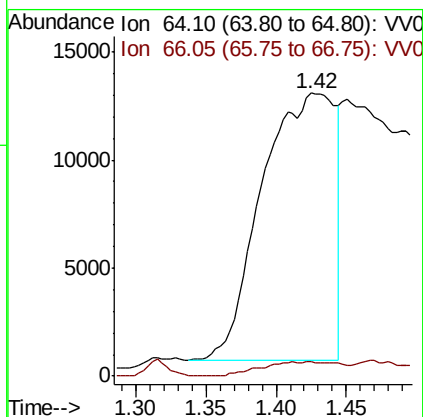
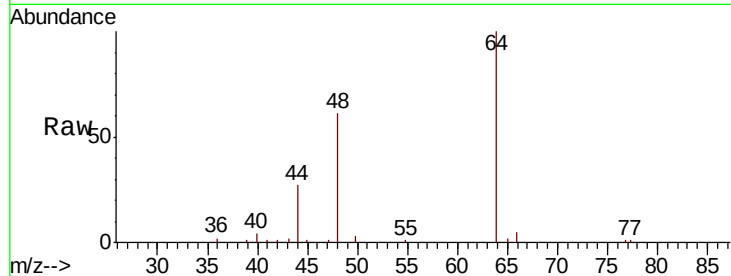




#8
Chloroethane
Concen: 6.064 ug/L
RT: 1.42 min Scan# 104
Delta R.T. -0.17 min
Lab File: VV016022.D
Acq: 12 May 2020 18:35

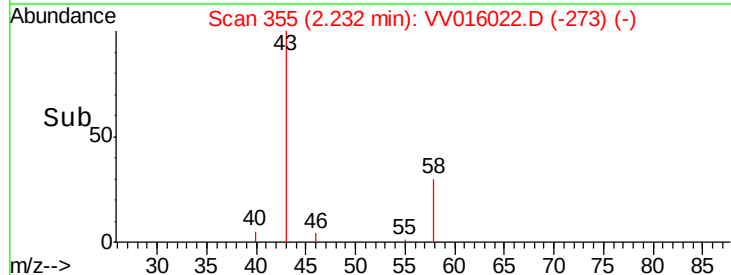
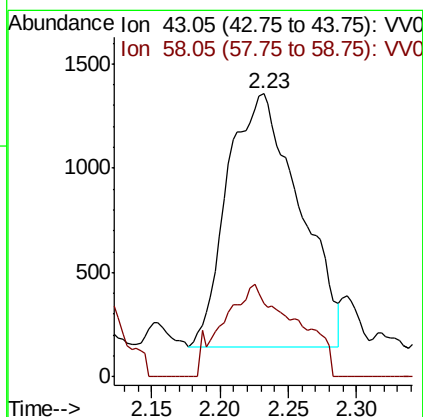
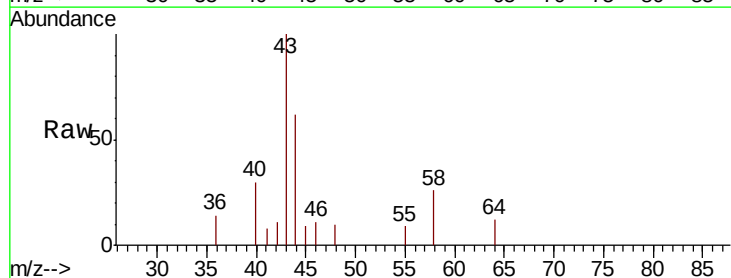
Instrument :
MSVOA_V
ClientSampled :

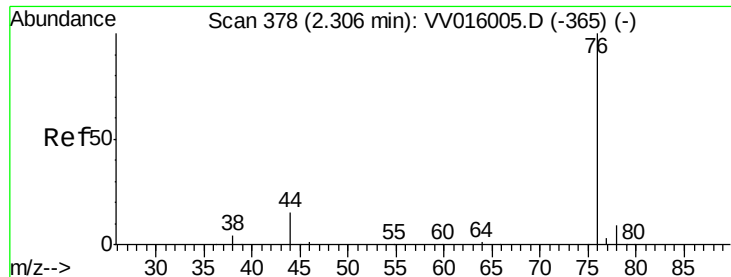
Tot Ion: 64 Resp: 44700
Ion Ratio Lower Upper
64 100
66 5.1 23.6 43.8#



#13
Acetone
Concen: 3.116 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.04 min
Lab File: VV016022.D
Acq: 12 May 2020 18:35

Tgt Ion: 43 Resp: 4436
Ion Ratio Lower Upper
43 100
58 36.9 0.0 30.8#





#14

Carbon disulfide

Concen: 0.055 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV016022.D

Acq: 12 May 2020 18:35

Instrument :

MSVOA_V

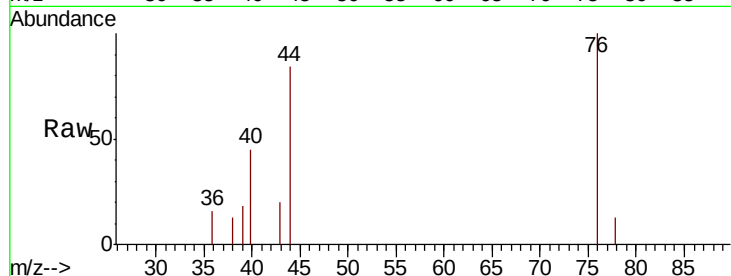
ClientSampleId :

Tot Ion: 76 Resp: 1400

Ion Ratio Lower Upper

76 100

78 12.7 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

1000

800

600

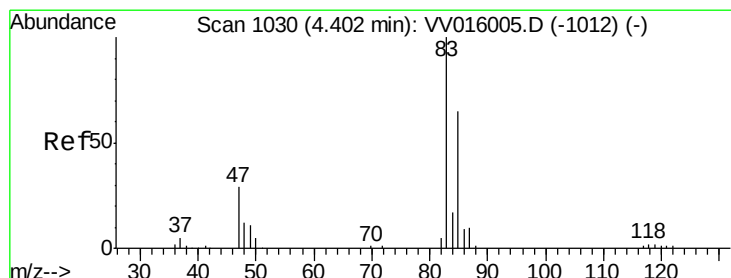
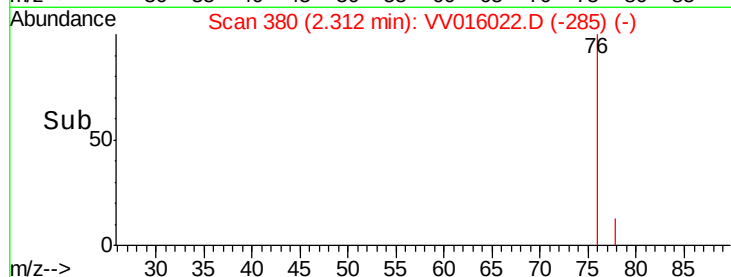
400

200

0

2.30 2.31 2.32 2.33 2.34 2.35

Time-->



#25

Chloroform

Concen: 0.122 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016022.D

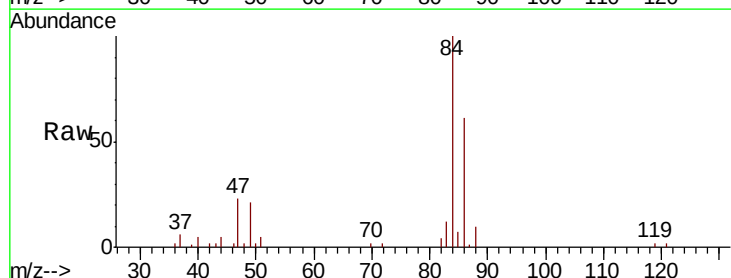
Acq: 12 May 2020 18:35

Tgt Ion: 83 Resp: 2202

Ion Ratio Lower Upper

83 100

85 58.0 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

1000

800

600

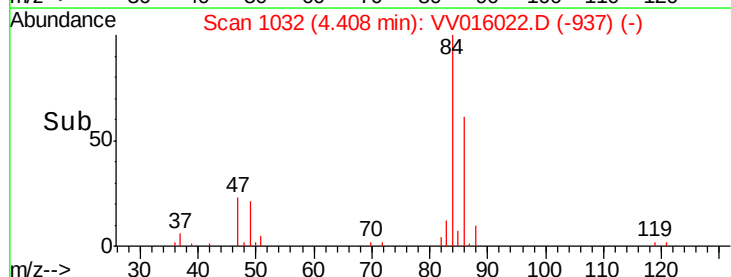
400

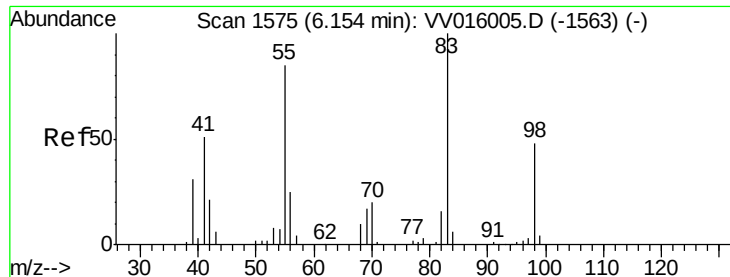
200

0

4.35 4.40 4.45

Time-->

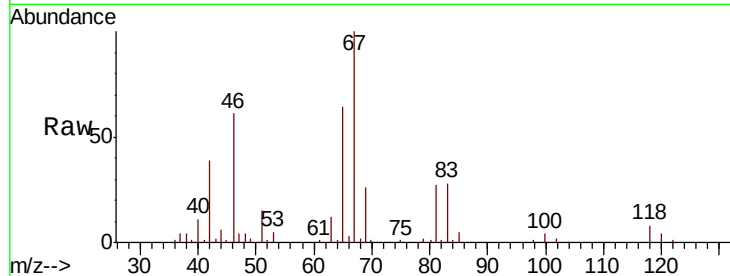




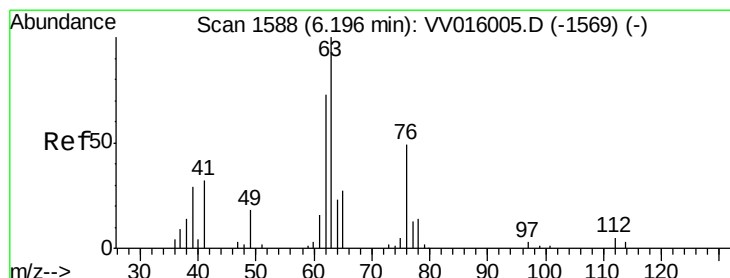
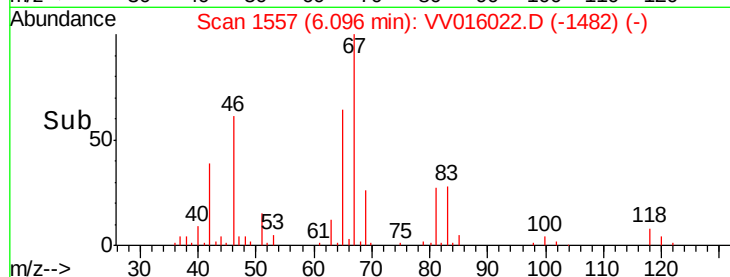
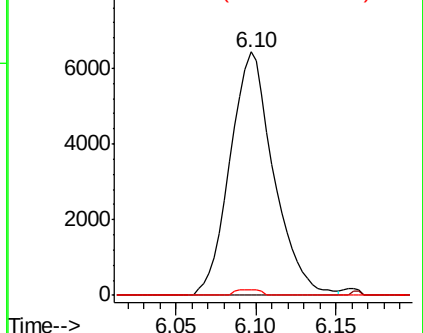
#35
Methylvlcyclohexane
Concen: 0.791 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016022.D
Acq: 12 May 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11945
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 1.2 37.9 56.9#

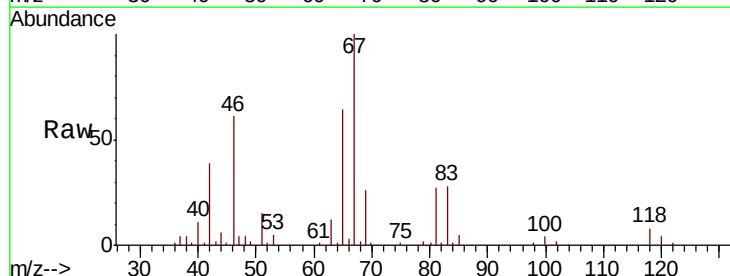


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

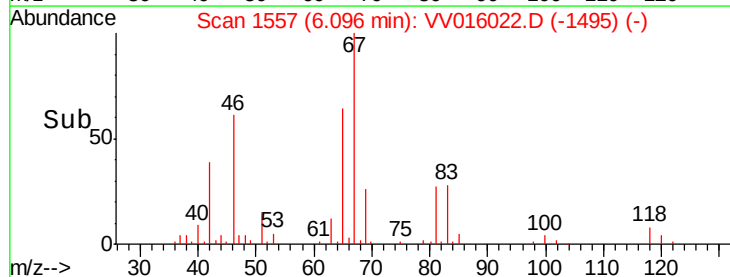
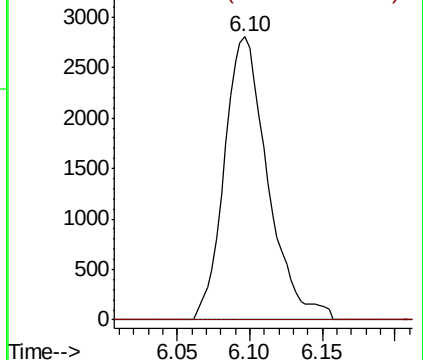


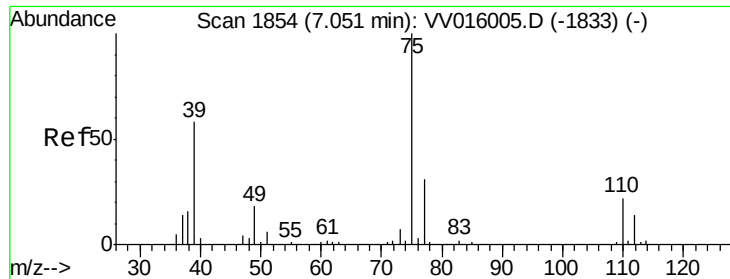
#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016022.D
Acq: 12 May 2020 18:35

Tgt Ion: 63 Resp: 5829
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

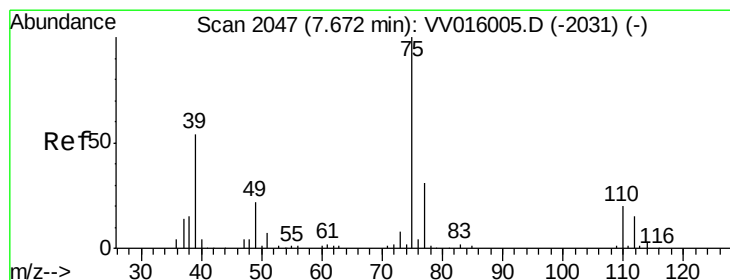
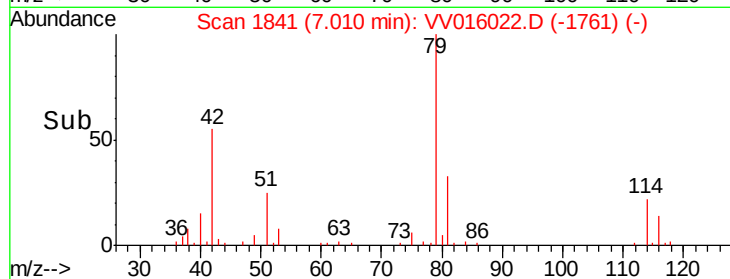
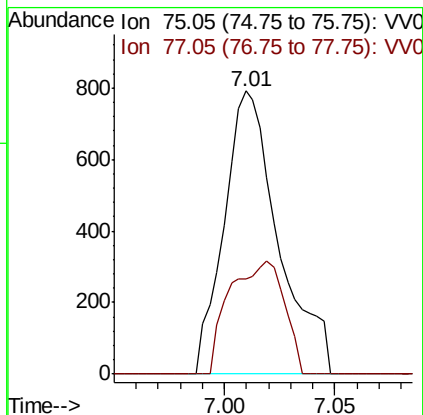
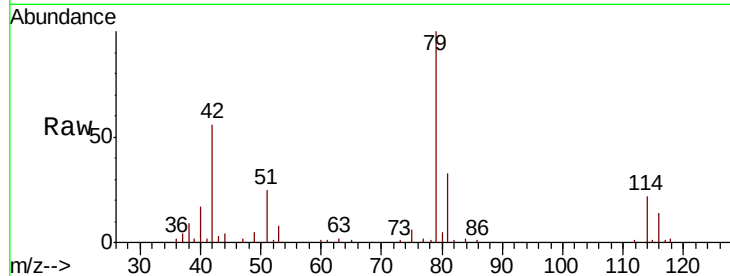




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016022.D
 Acq: 12 May 2020 18:35

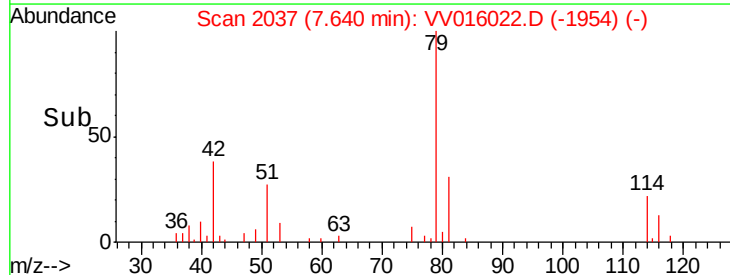
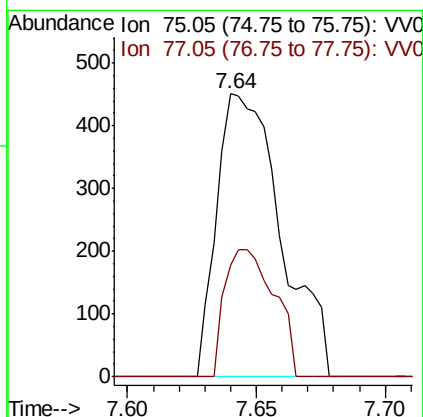
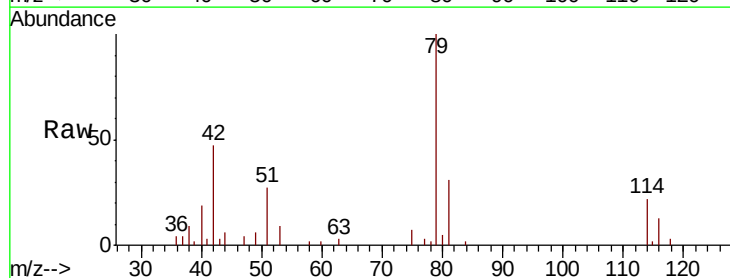
Instrument :
 MSVOA_V
 ClientSampleId :

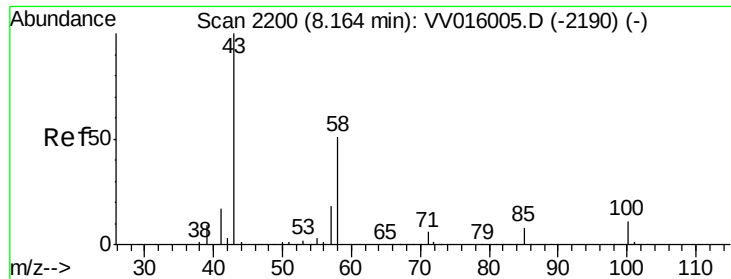
Tot Ion: 75 Resp: 1358
 Ion Ratio Lower Upper
 75 100
 77 33.5 21.3 39.5



#46
 trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV016022.D
 Acq: 12 May 2020 18:35

Tgt Ion: 75 Resp: 784
 Ion Ratio Lower Upper
 75 100
 77 39.5 21.3 39.6





#50
 2-Hexanone
 Concen: 1.555 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV016022.D
 Acq: 12 May 2020 18:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 6090
 Ion Ratio Lower Upper
 43 100
 58 57.2 40.8 61.2
 57 31.2 14.7 22.1#
 100 8.3 9.0 13.6#

