

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016173.D
 Acq On : 22 May 2020 16:15
 Operator : SY/MD
 Sample : L2725-07DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127406	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120653	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	55261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40922	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.58	69	36408	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	66511	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.95	46	74687	37.88	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.76%
24) Chloroform-d	4.38	84	77149	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	39215	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.08	84	154811	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.10	67	46207	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	145278	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
45) trans-1,3-Dichloropropene-	7.65	79	14601	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	8.12	63	54833	36.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26842	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	46925	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

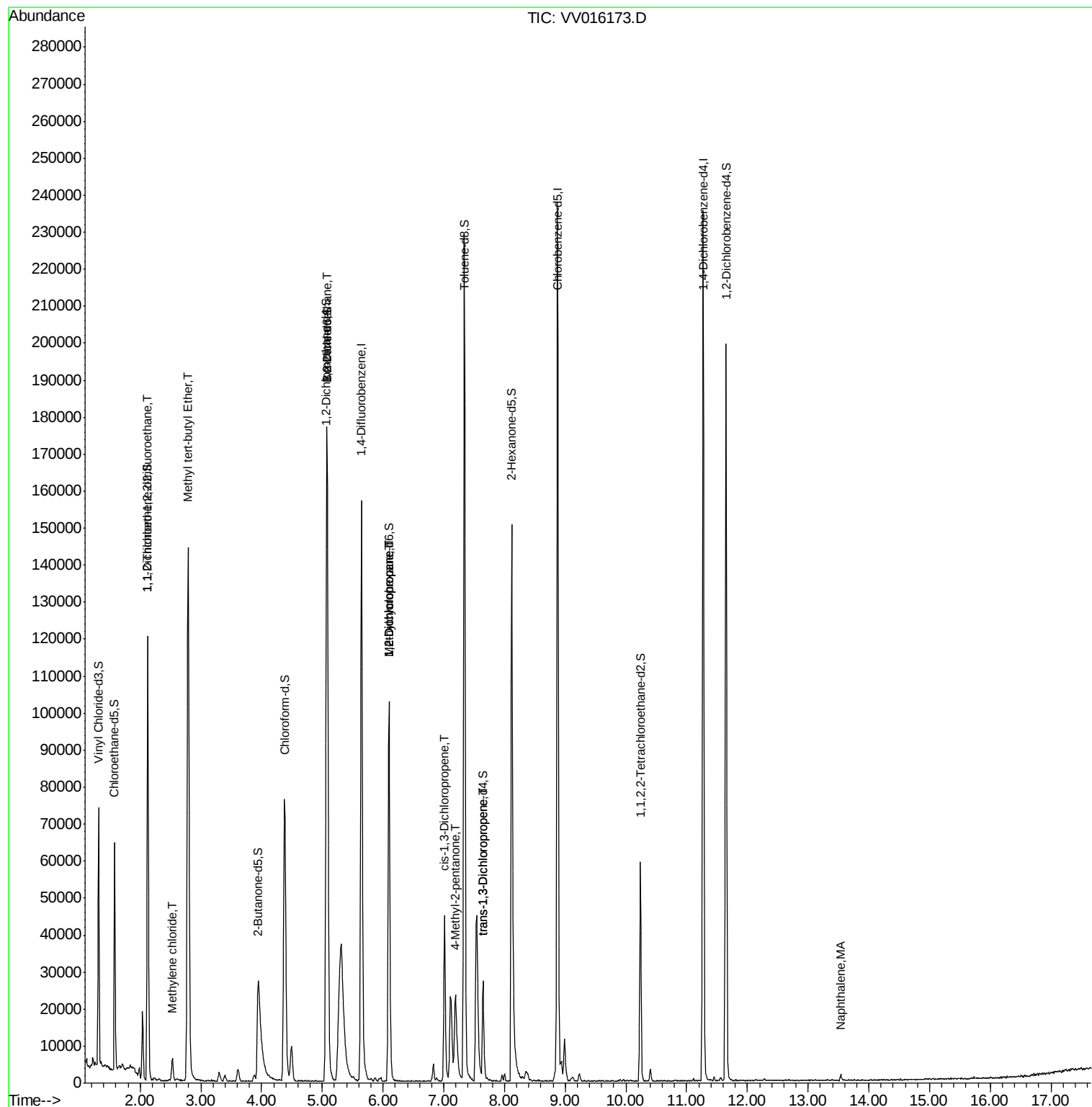
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	517	0.071 ug/L #	20
16) Methylene chloride	2.53	84	2371	0.283 ug/L	93
17) Methyl tert-butyl Ether	2.79	73	141917	7.790 ug/L	99
27) 1,2-Dichloroethane	5.08	62	1087	0.108 ug/L #	76
35) Methylcyclohexane	6.09	83	11374	0.868 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	5637	0.731 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1180	0.108 ug/L #	63
40) 4-Methyl-2-pentanone	7.19	43	5799	1.206 ug/L #	63
46) trans-1,3-Dichloropropene	7.64	75	803	0.087 ug/L	89
70) Naphthalene	13.54	128	2010	0.135 ug/L #	92

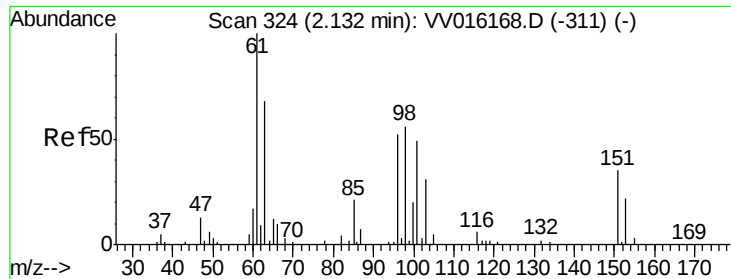
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016173.D
Acq On : 22 May 2020 16:15
Operator : SY/MD
Sample : L2725-07DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 23 05:10:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016173.D

Acq: 22 May 2020 16:15

Instrument :

MSVOA_V

ClientSampled :

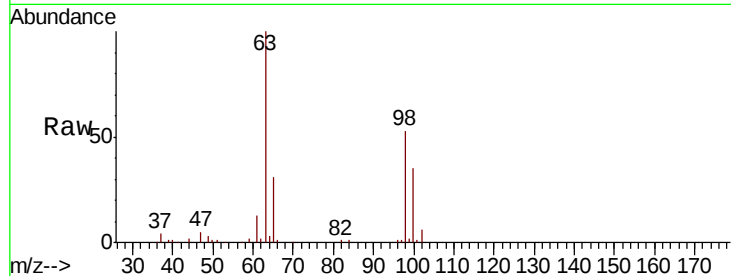
Tot Ion:101 Resp: 517

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 58.0 87.0#

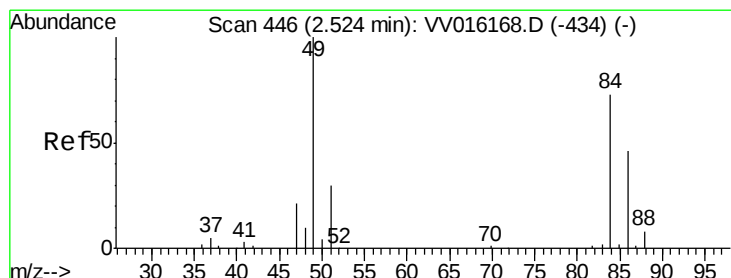
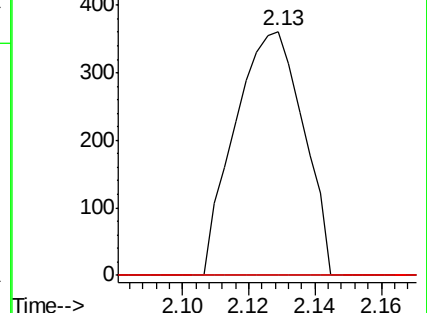
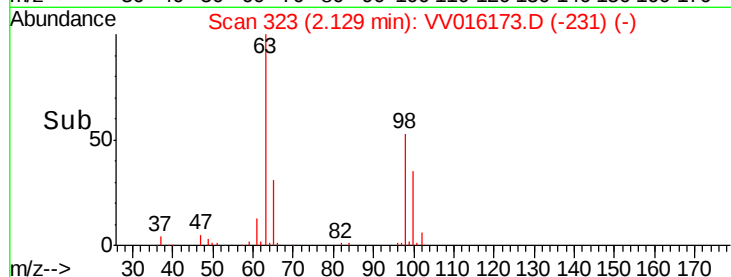


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.13



#16

Methylene chloride

Concen: 0.283 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV016173.D

Acq: 22 May 2020 16:15

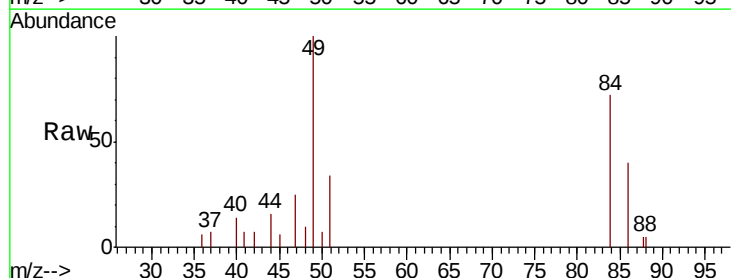
Tgt Ion: 84 Resp: 2371

Ion Ratio Lower Upper

84 100

86 55.4 45.6 84.8

49 138.7 93.6 173.8

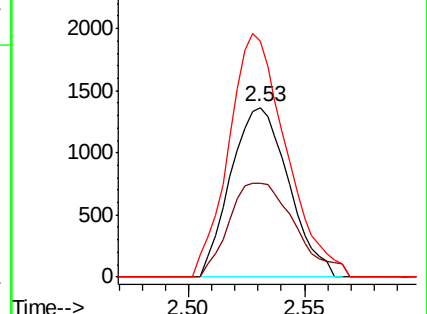
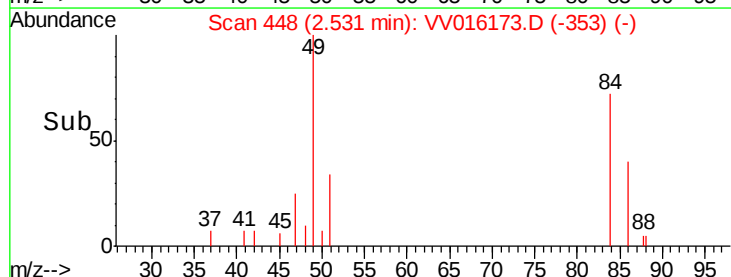


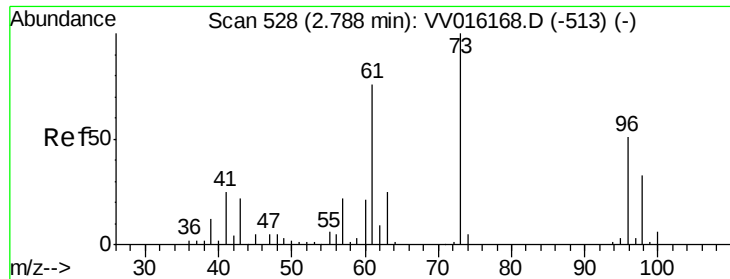
Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.53

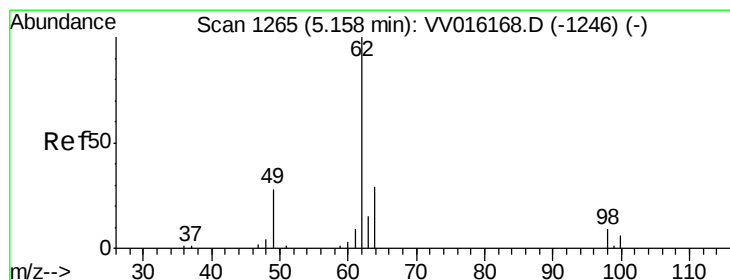
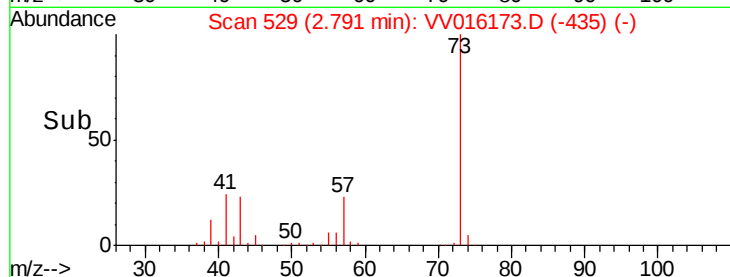
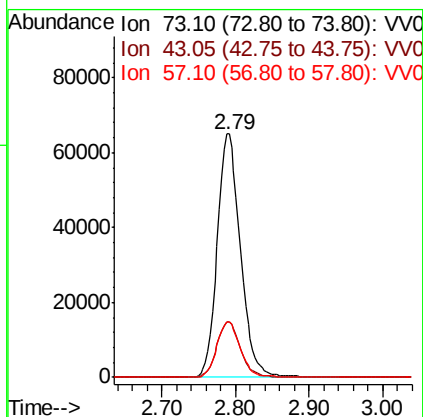
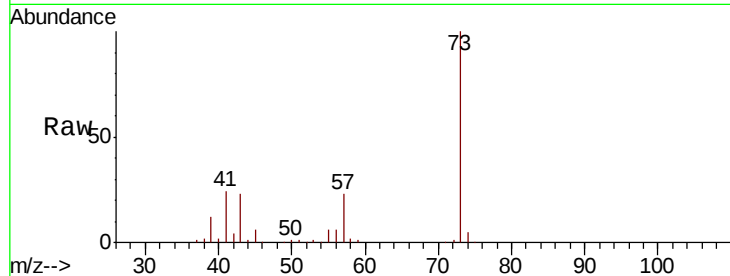




#17
Methvl tert-butvl Ether
Concen: 7.790 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV016173.D
Acq: 22 May 2020 16:15

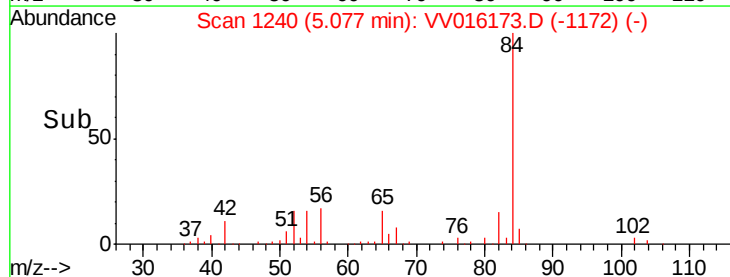
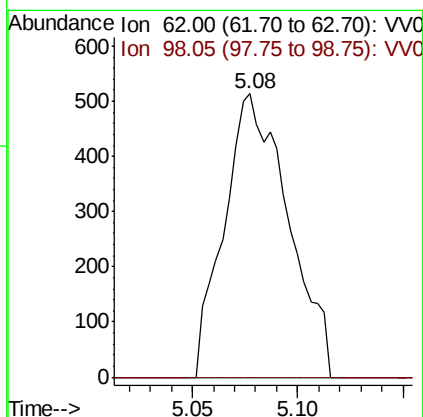
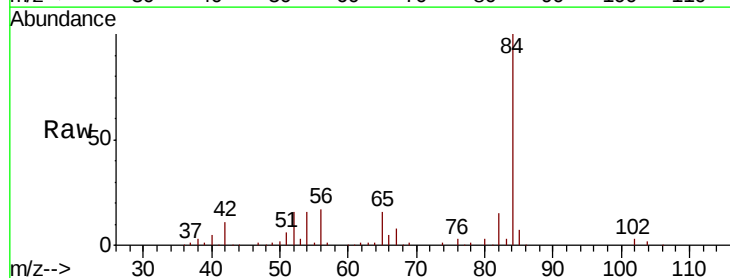
Instrument :
MSVOA_V
ClientSampleId :

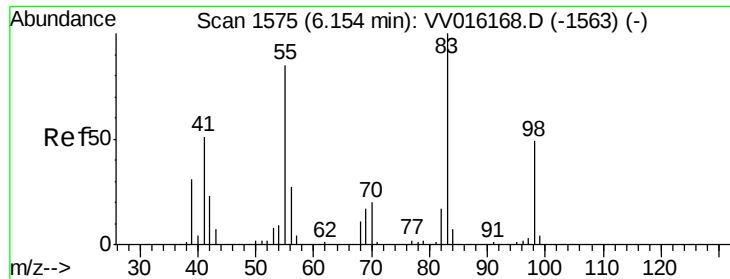
Tot Ion: 73 Resp: 141917
Ion Ratio Lower Upper
73 100
43 23.2 18.8 28.2
57 23.1 17.8 26.6



#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016173.D
Acq: 22 May 2020 16:15

Tgt Ion: 62 Resp: 1087
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

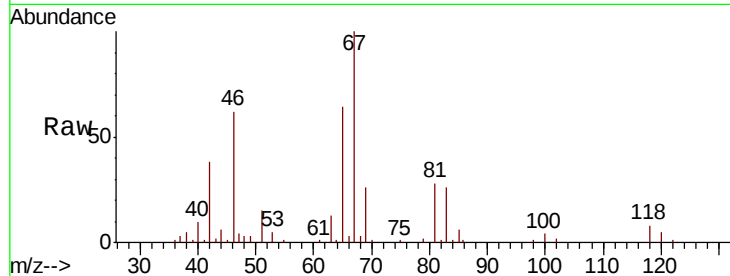




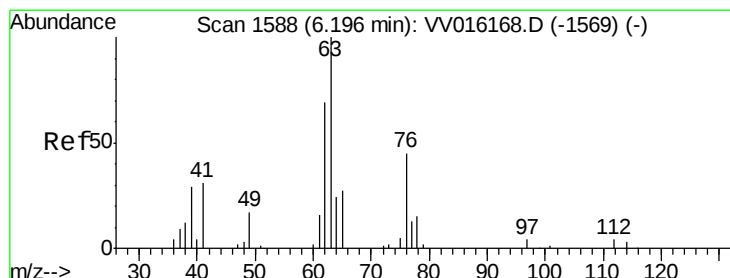
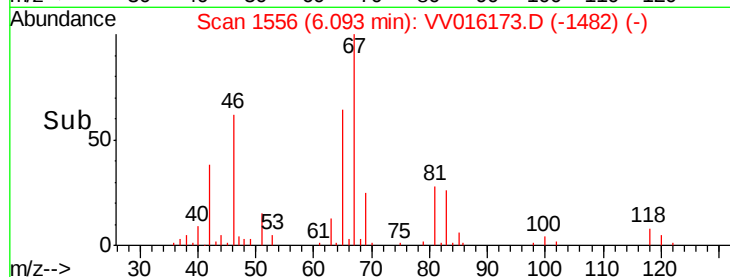
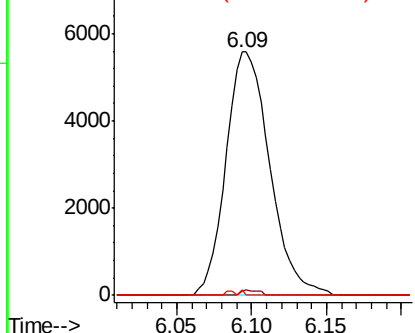
#35
Methvlcvclohexane
Concen: 0.868 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016173.D
Acq: 22 May 2020 16:15

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11374
Ion Ratio Lower Upper
83 100
55 0.9 66.2 99.2#
98 0.3 37.9 56.9#

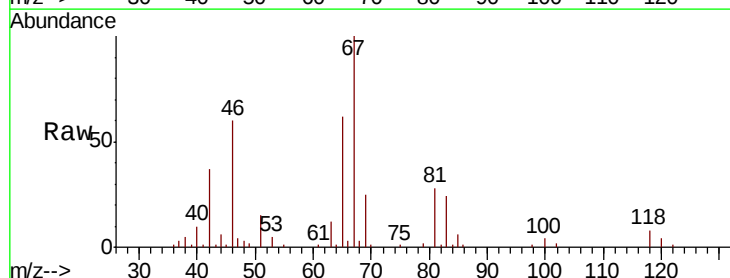


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

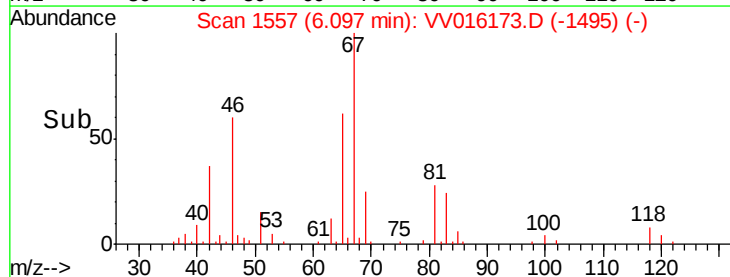
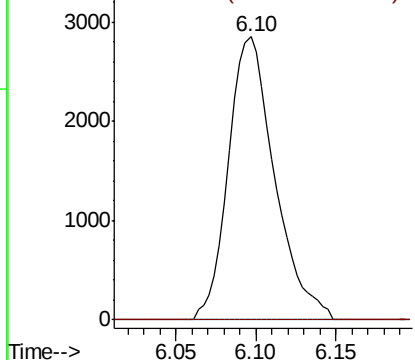


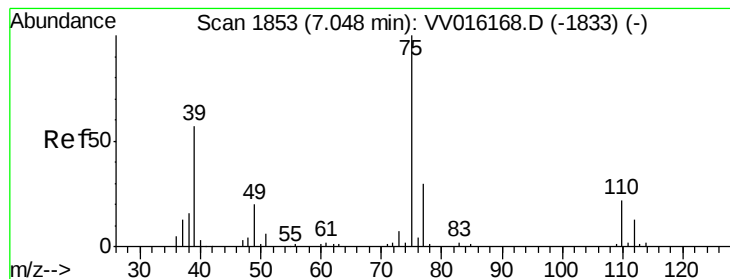
#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016173.D
Acq: 22 May 2020 16:15

Tgt Ion: 63 Resp: 5637
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



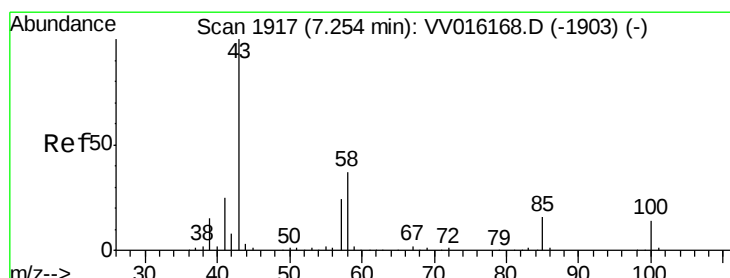
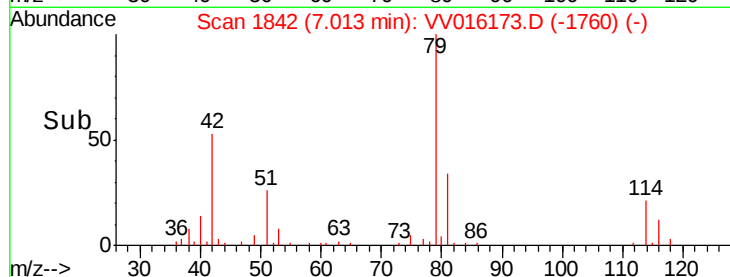
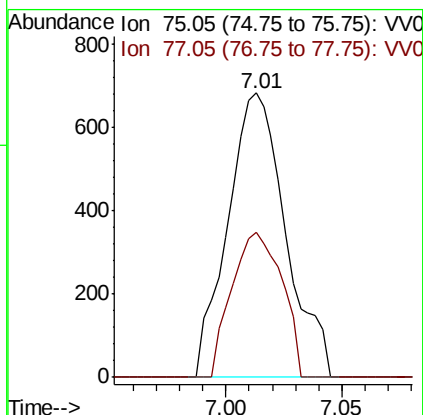
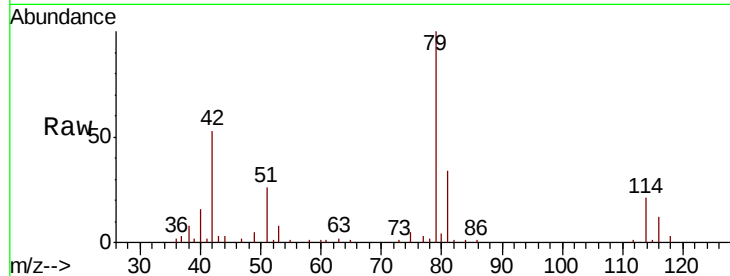


#39

cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016173.D
 Acq: 22 May 2020 16:15

Instrument :
 MSVOA_V
 ClientSampleId :

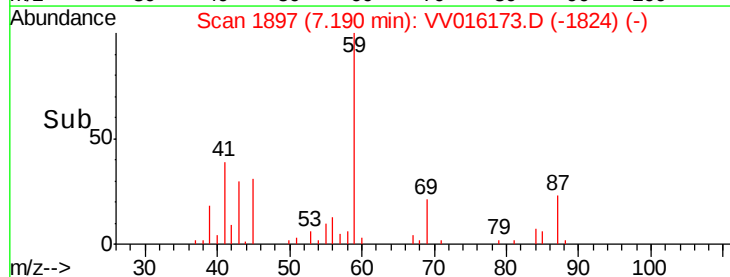
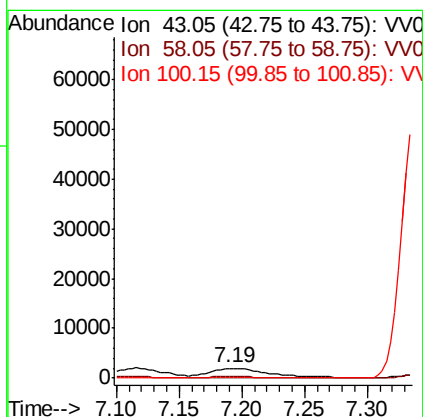
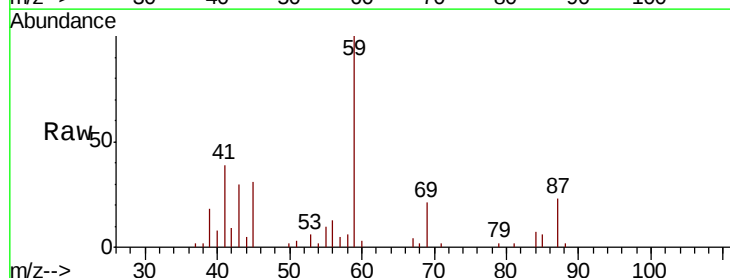
Tot Ion: 75 Resp: 1180
 Ion Ratio Lower Upper
 75 100
 77 50.7 21.3 39.5#

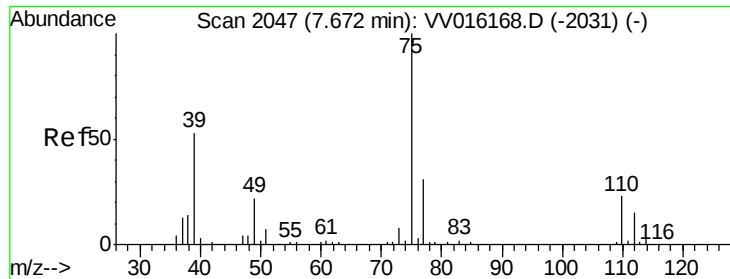


#40

4-Methyl-2-pentanone
 Concen: 1.206 ug/L
 RT: 7.19 min Scan# 1897
 Delta R.T. -0.06 min
 Lab File: VV016173.D
 Acq: 22 May 2020 16:15

Tgt Ion: 43 Resp: 5799
 Ion Ratio Lower Upper
 43 100
 58 13.8 29.0 43.4#
 100 0.0 10.9 16.3#





#46

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016173.D

Acq: 22 May 2020 16:15

Instrument :

MSVOA_V

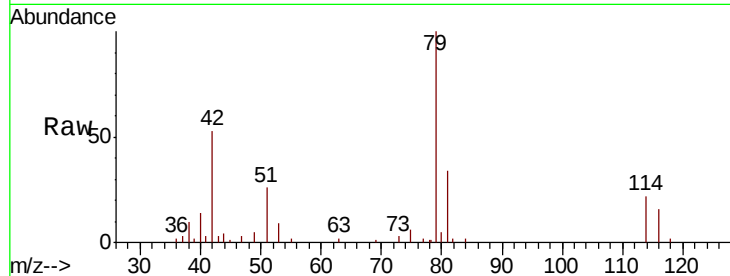
ClientSampled :

Tot Ion: 75 Resp: 803

Ion Ratio Lower Upper

75 100

77 36.3 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

500

400

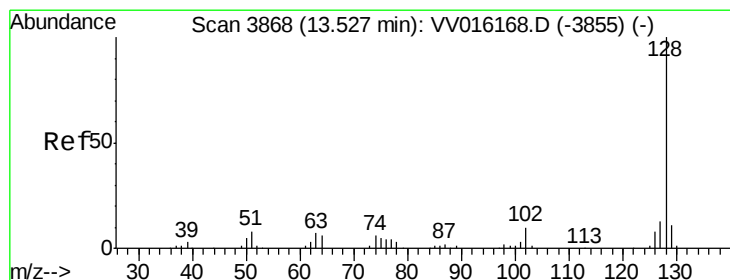
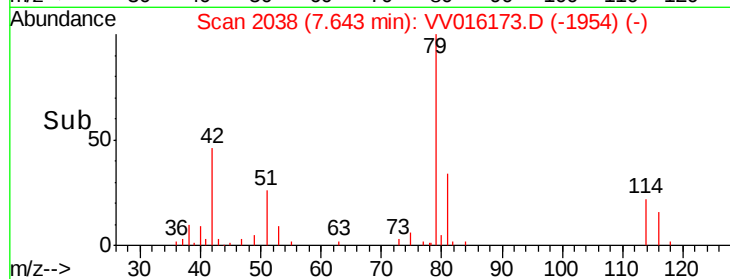
300

200

100

0

Time--> 7.60 7.65



#70

Naphthalene

Concen: 0.135 ug/L

RT: 13.54 min Scan# 3871

Delta R.T. 0.01 min

Lab File: VV016173.D

Acq: 22 May 2020 16:15

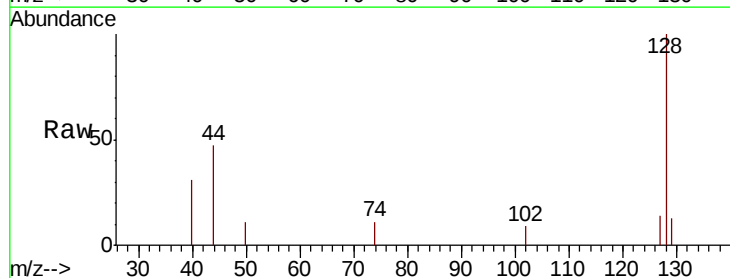
Tgt Ion: 128 Resp: 2010

Ion Ratio Lower Upper

128 100

129 7.6 8.5 12.7#

127 9.4 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

13.54

1000

500

0

Time--> 13.50 13.55 13.60

