

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060220\
 Data File : VV016424.D
 Acq On : 02 Jun 2020 11:47
 Operator : SY/MD
 Sample : VV0602WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK48

Quant Time: Jun 02 18:23:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 18:21:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83516	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	80761	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35540	5.00	ug/L	0.00

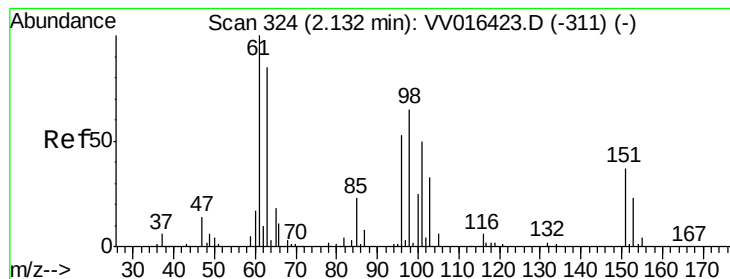
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28721	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.58	69	23603	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	41746	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.94	46	84212	53.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.76%
24) Chloroform-d	4.37	84	56266	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	31335	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.07	84	110633	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	34494	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.33	98	94155	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.64	79	11621	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
48) 2-Hexanone-d5	8.11	63	63127	53.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24420	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	31737	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	413	0.07	ug/L	# 21
16) Methylene chloride	2.52	84	786	0.14	ug/L	90
25) Chloroform	4.40	83	2154	0.19	ug/L	96
27) 1,2-Dichloroethane	5.07	62	709	0.10	ug/L	# 76
35) Methylcyclohexane	6.09	83	8605	0.85	ug/L	# 16
37) 1,2-Dichloropropane	6.09	63	4258	0.70	ug/L	# 87
39) cis-1,3-Dichloropropene	7.01	75	885	0.11	ug/L	# 65
46) trans-1,3-Dichloropropene	7.64	75	540	0.08	ug/L	# 57
50) 2-Hexanone	8.11	43	8527	3.35	ug/L	# 72
70) Naphthalene	13.53	128	2326	0.14	ug/L	95
71) 1,2,3-Trichlorobenzene	13.77	180	634	0.10	ug/L	88

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



#10

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

Concen: 0.07 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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MSVOA_V

ClientSampled :

VBLK48

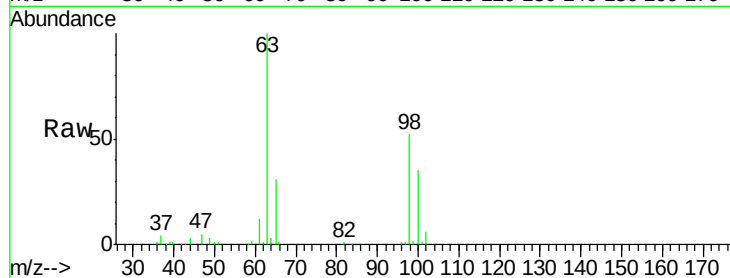
Tgt Ion: 101 Resp: 413

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

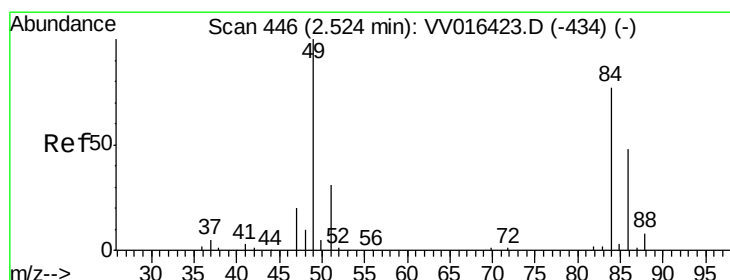
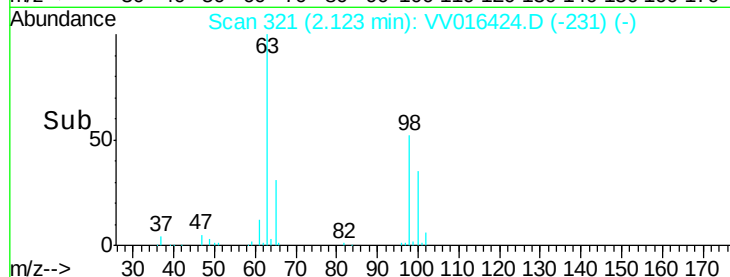
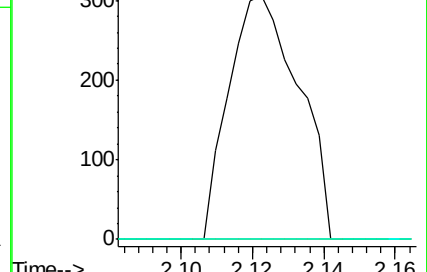
151 0.0 57.2 85.8#



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



#16

Methylene chloride

Concen: 0.14 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016424.D

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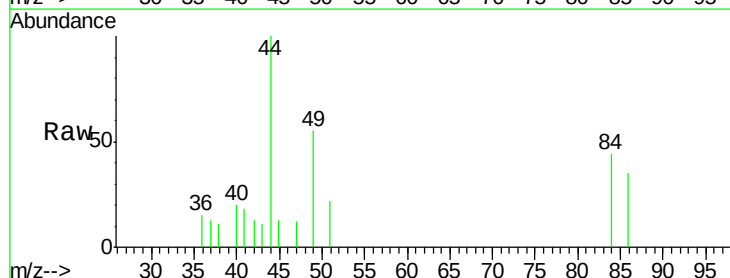
Tgt Ion: 84 Resp: 786

Ion Ratio Lower Upper

84 100

86 79.0 44.5 82.7

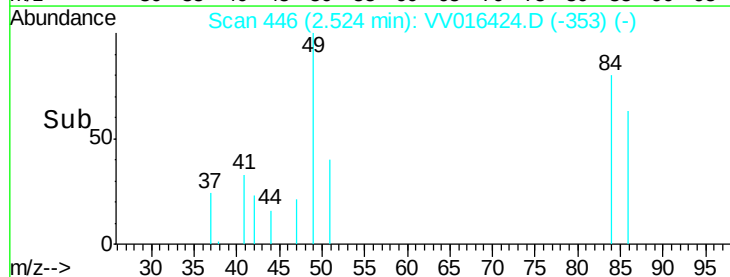
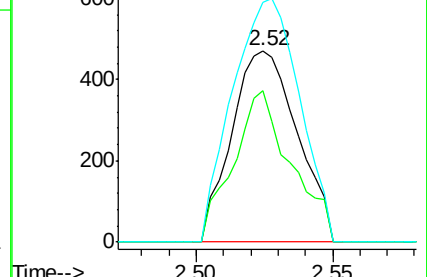
49 125.3 92.3 171.3

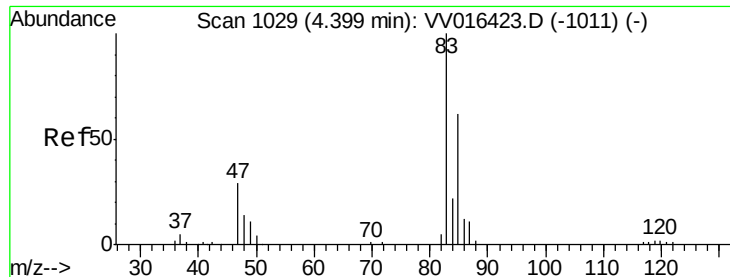


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

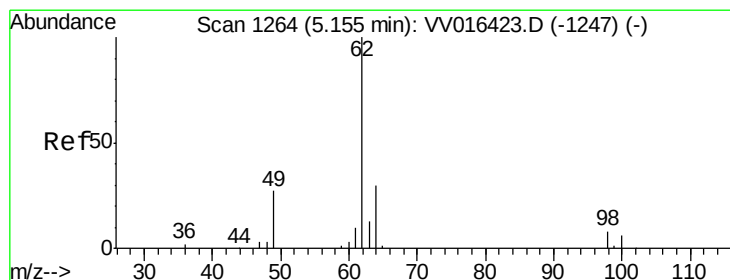
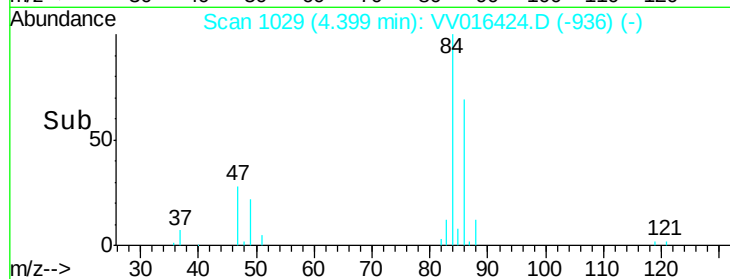
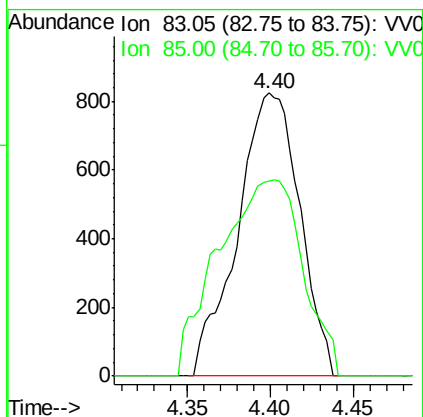
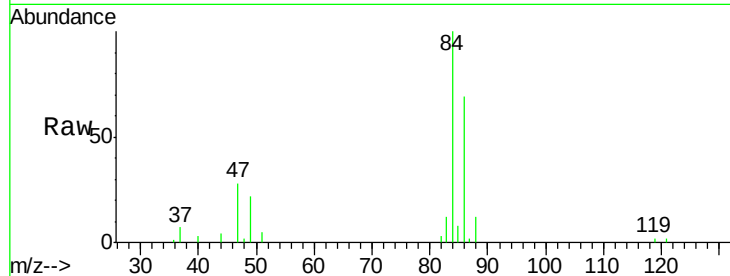




#25
Chloroform
Concen: 0.19 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV016424.D
Acq: 02 Jun 2020 11:47

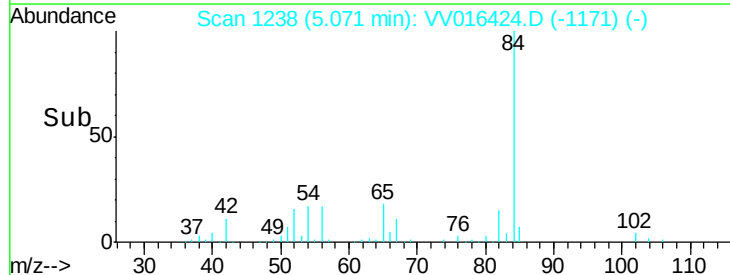
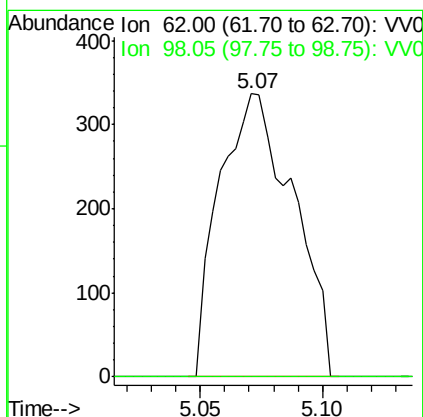
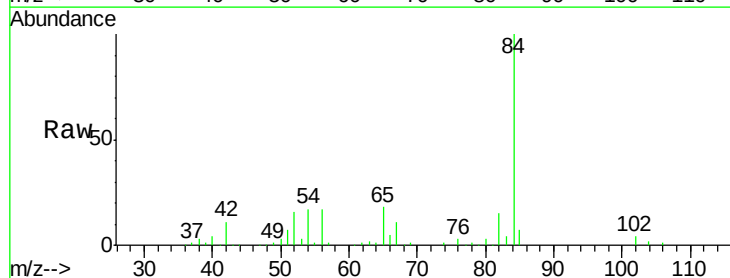
Instrument :
MSVOA_V
ClientSampled :
VBLK48

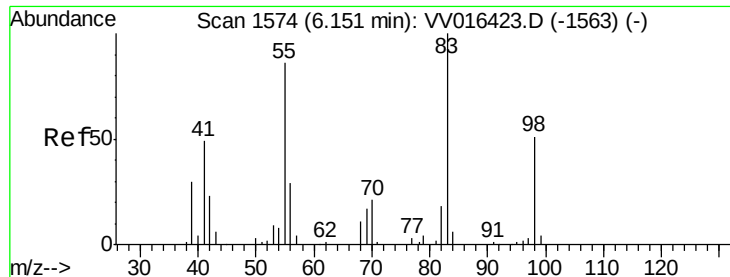
Tgt Ion: 83 Resp: 2154
Ion Ratio Lower Upper
83 100
85 69.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV016424.D
Acq: 02 Jun 2020 11:47

Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#

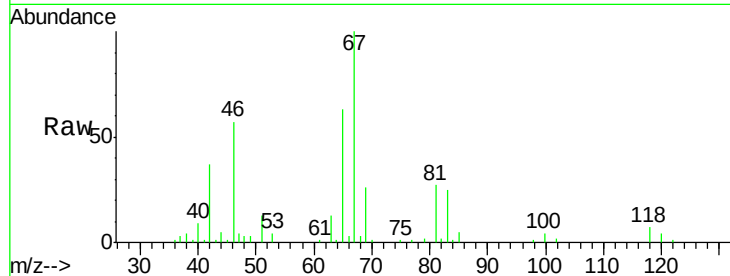




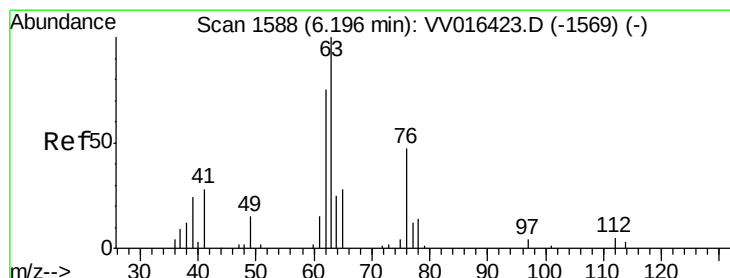
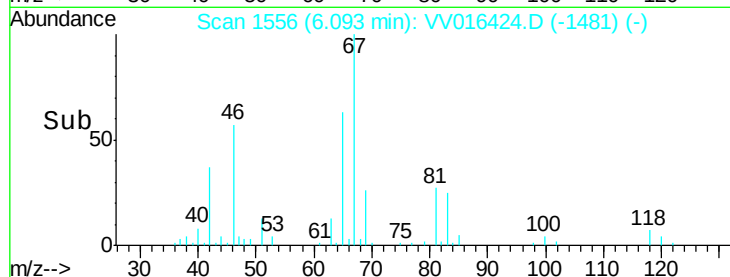
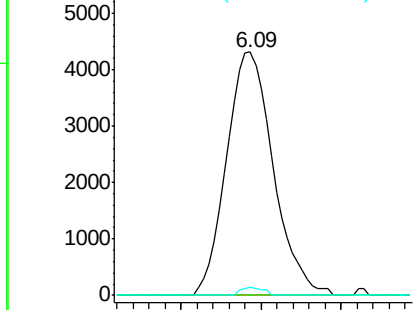
#35
Methylcyclohexane
Concen: 0.85 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016424.D
Acq: 02 Jun 2020 11:47

Instrument :
MSVOA_V
ClientSampleId :
VBLK48

Tgt Ion: 83 Resp: 8605
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 1.6 39.0 58.4#

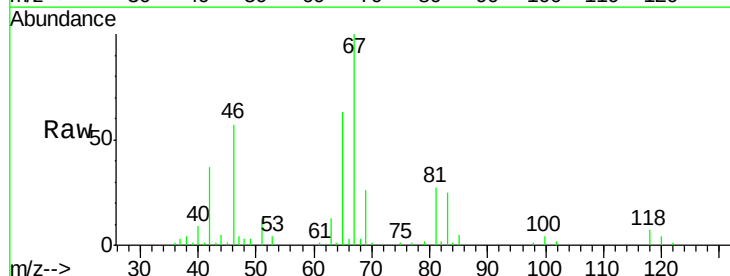


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

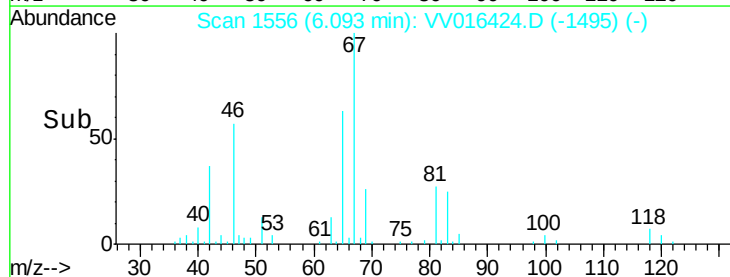
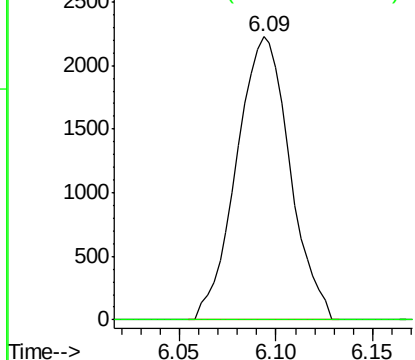


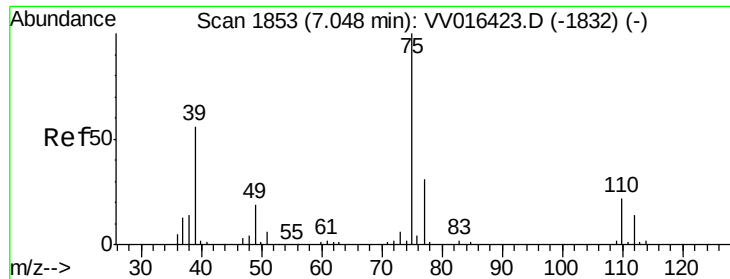
#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016424.D
Acq: 02 Jun 2020 11:47

Tgt Ion: 63 Resp: 4258
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

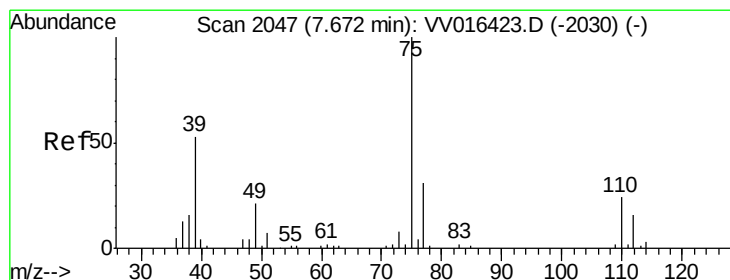
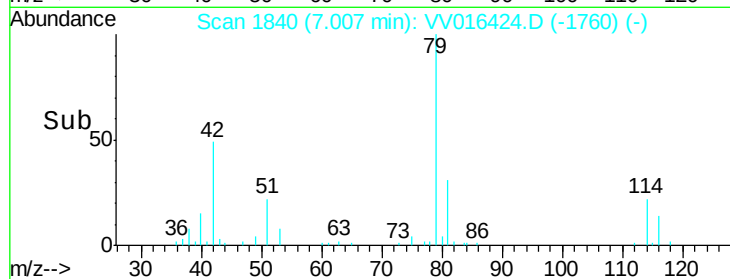
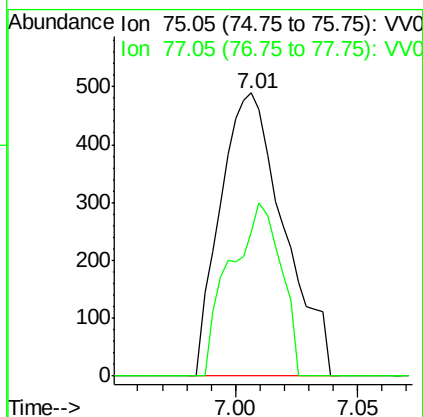
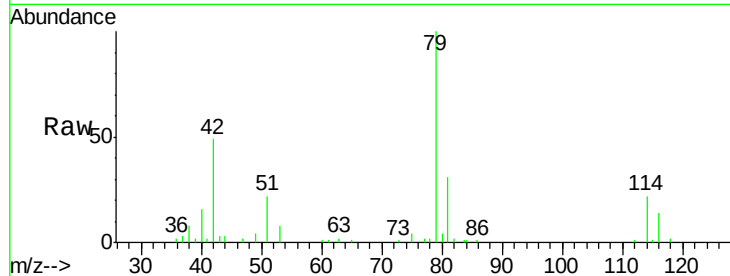




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016424.D
 Acq: 02 Jun 2020 11:47

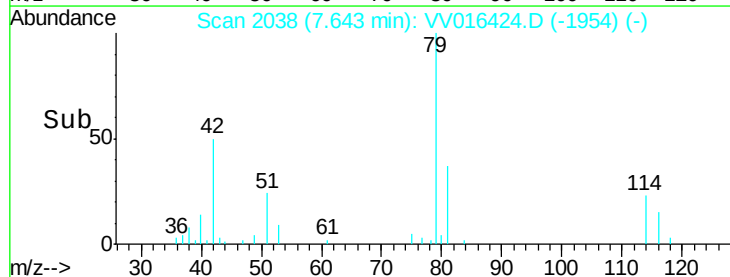
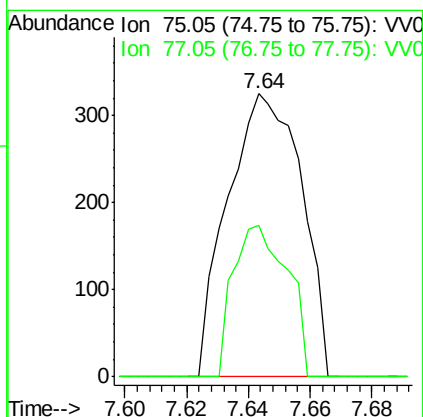
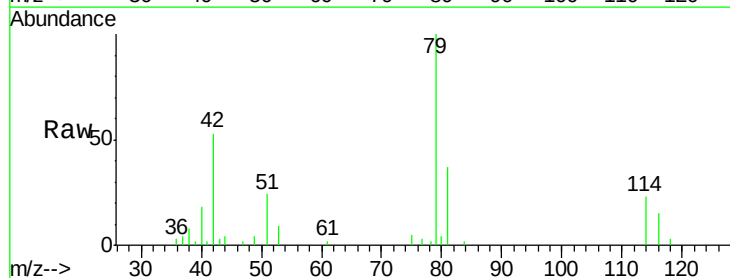
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK48

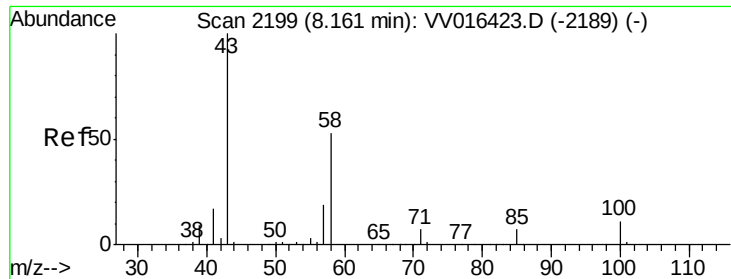
Tgt Ion: 75 Resp: 885
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.0 41.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.08 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016424.D
 Acq: 02 Jun 2020 11:47

Tgt Ion: 75 Resp: 540
 Ion Ratio Lower Upper
 75 100
 77 53.5 21.1 39.3#

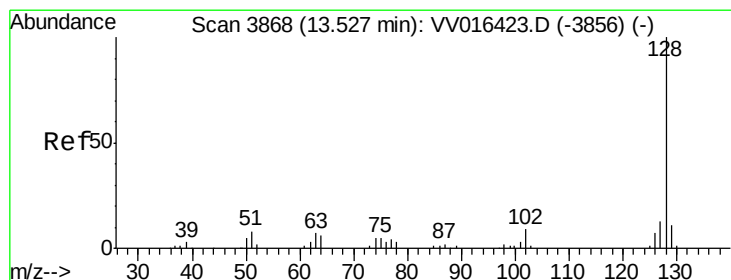
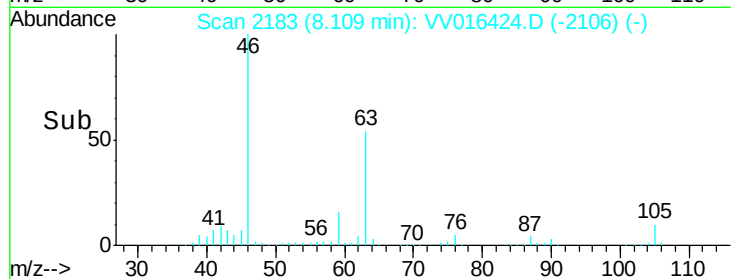
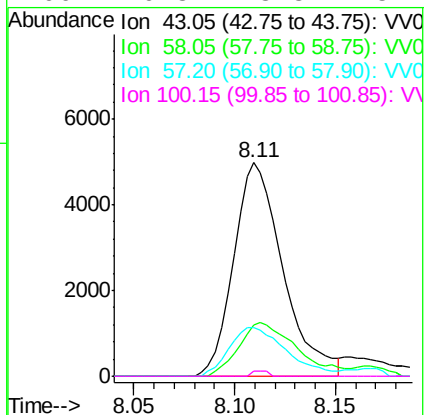
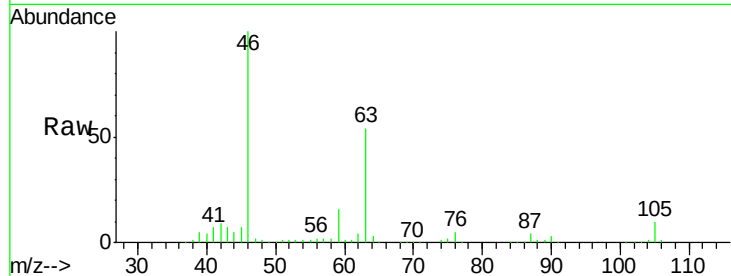




#50
2-Hexanone
Concen: 3.35 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV016424.D
Acq: 02 Jun 2020 11:47

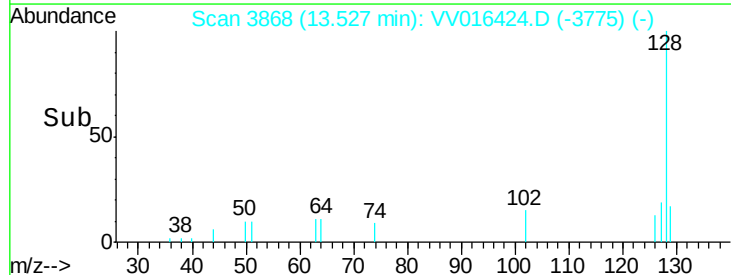
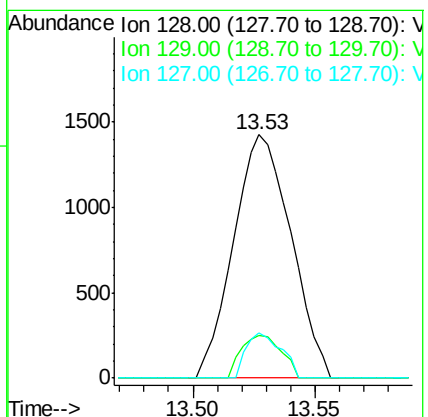
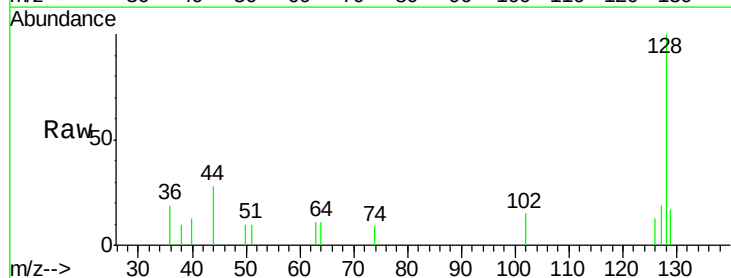
Instrument :
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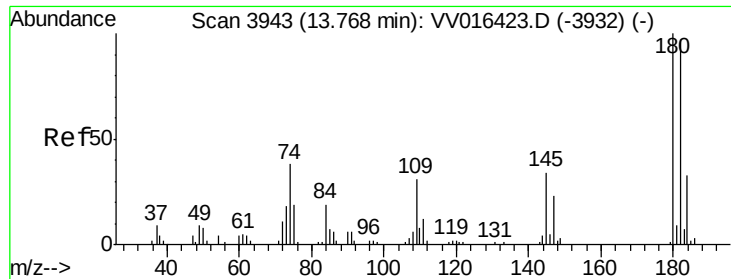
Tgt Ion: 43 Resp: 8527
Ion Ratio Lower Upper
43 100
58 29.9 41.1 61.7#
57 26.3 14.2 21.4#
100 0.8 8.8 13.2#



#70
Naphthalene
Concen: 0.14 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016424.D
Acq: 02 Jun 2020 11:47

Tgt Ion: 128 Resp: 2326
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 11.3 10.7 16.1





#71

1,2,3-Trichlorobenzene

Concen: 0.10 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV016424.D

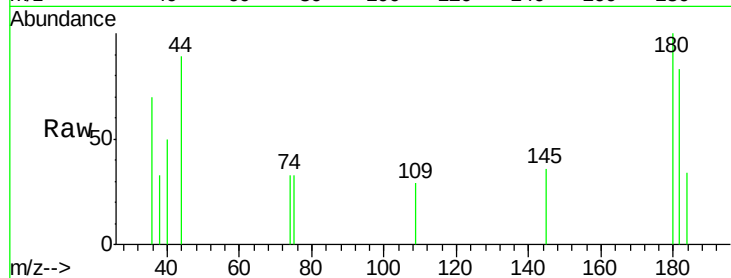
Acq: 02 Jun 2020 11:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK48



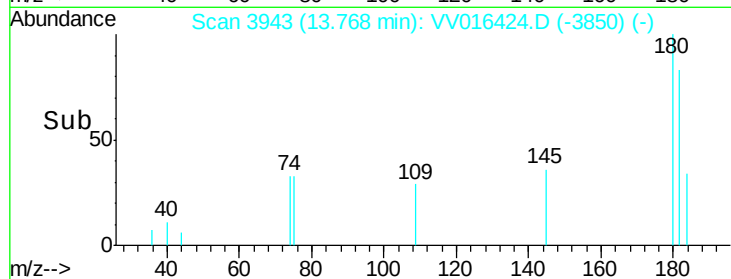
Tgt Ion:180 Resp: 634

Ion Ratio Lower Upper

180 100

182 81.9 75.1 112.7

145 30.0 28.5 42.7



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

