

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017129.D
 Acq On : 25 Jun 2020 15:59
 Operator : SY/MD
 Sample : L3105-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 26 01:35:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173897	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51366	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	41000	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.12	63	76292	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.96	46	116262	43.10	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.20%
24) Chloroform-d	4.38	84	111884	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	59487	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.07	84	212884	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	62922	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	185925	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.64	79	25275	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
48) 2-Hexanone-d5	8.12	63	90317	42.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44045	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	73443	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

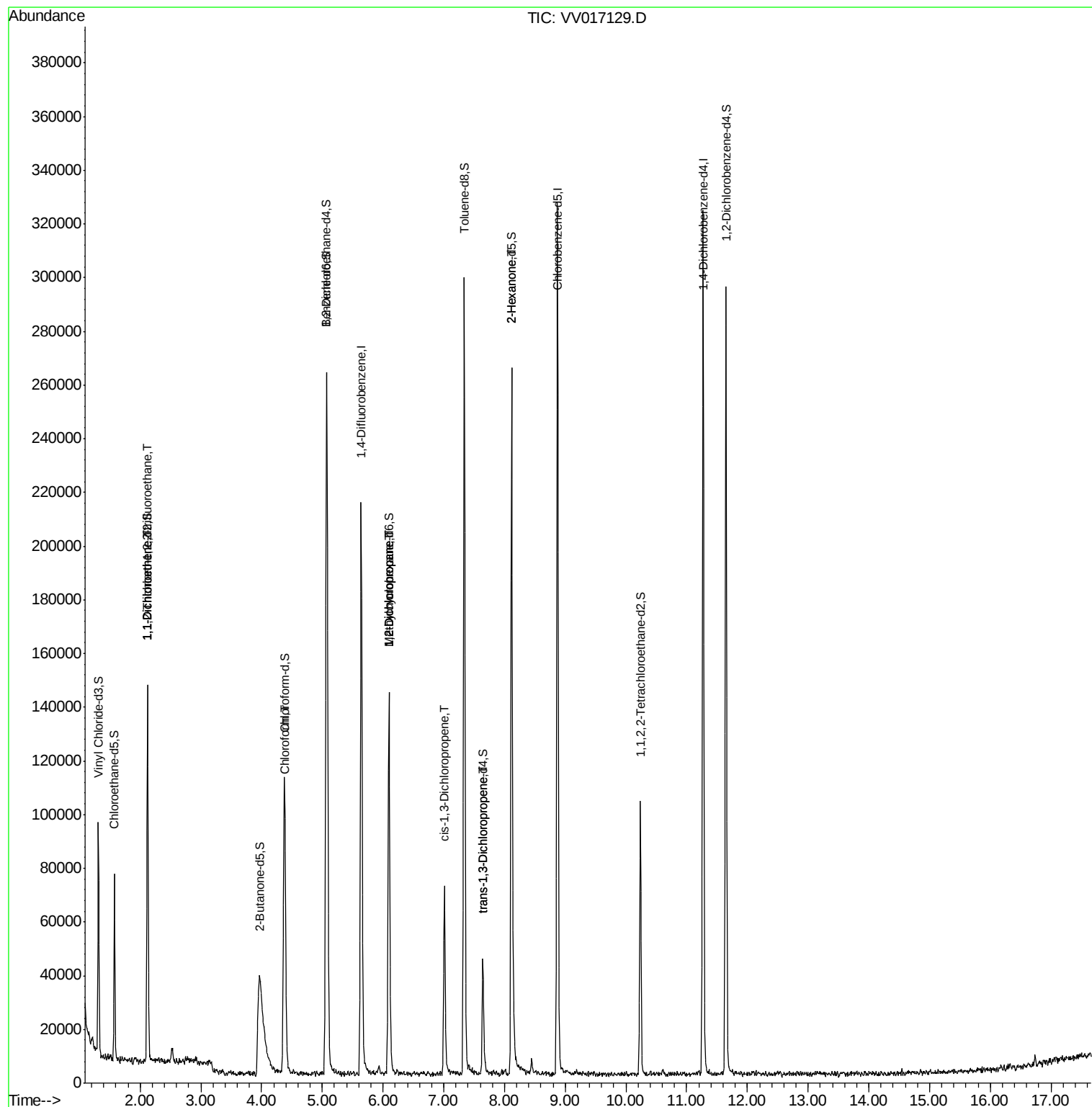
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	903	0.097 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	761	0.090 ug/L #	1
25) Chloroform	4.40	83	2305	0.105 ug/L	78
35) Methylcyclohexane	6.10	83	16447	0.793 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	8222	0.729 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	2477	0.148 ug/L #	77
46) trans-1,3-Dichloropropene	7.64	75	1472	0.102 ug/L #	62
50) 2-Hexanone	8.11	43	12763	2.755 ug/L #	73

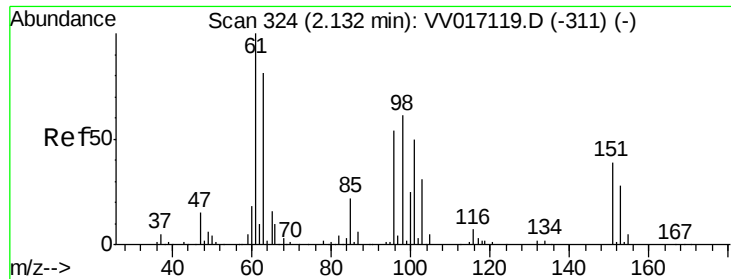
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.097 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017129.D

Acq: 25 Jun 2020 15:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

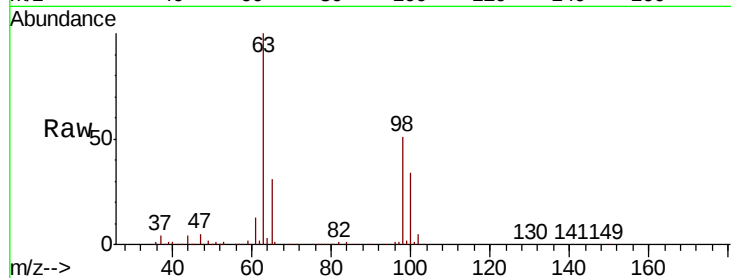
Tot Ion:101 Resp: 903

Ion Ratio Lower Upper

101 100

85 2.3 35.4 53.2#

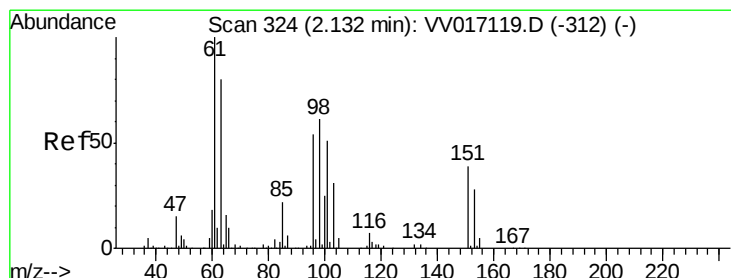
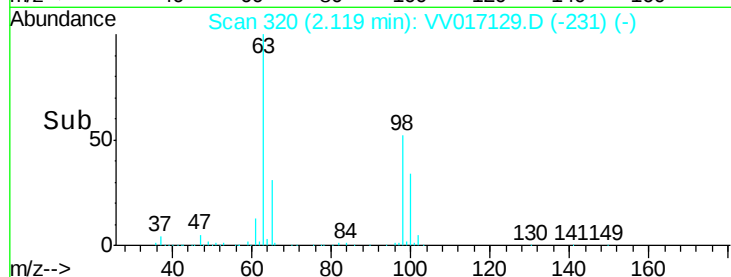
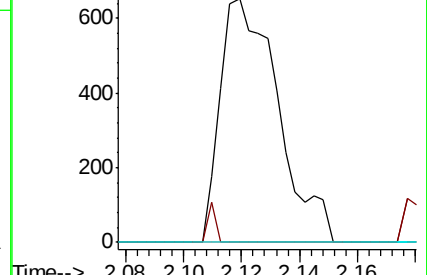
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017129.D

Acq: 25 Jun 2020 15:59

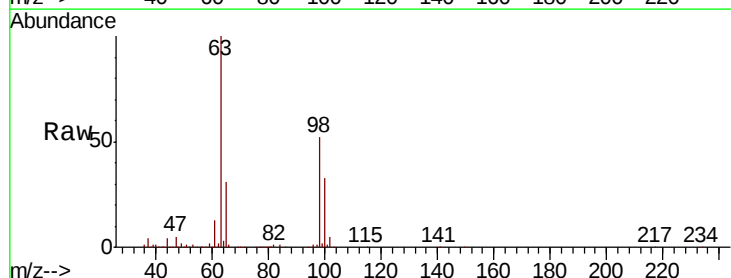
Tgt Ion: 96 Resp: 761

Ion Ratio Lower Upper

96 100

61 1482.3 125.0 232.2#

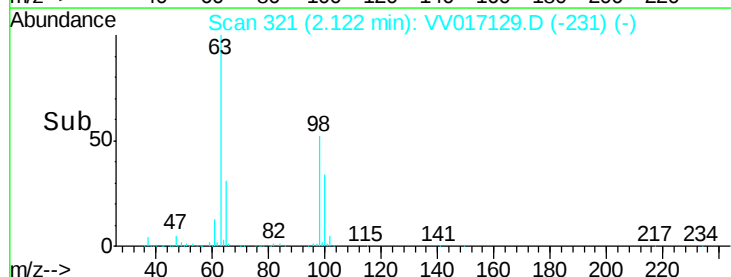
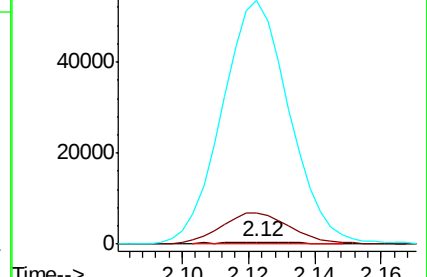
63 11531.0 109.8 203.8#

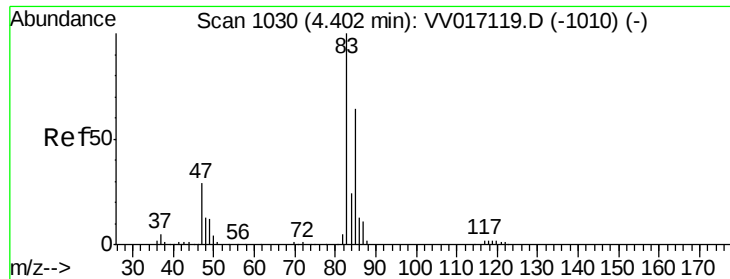


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

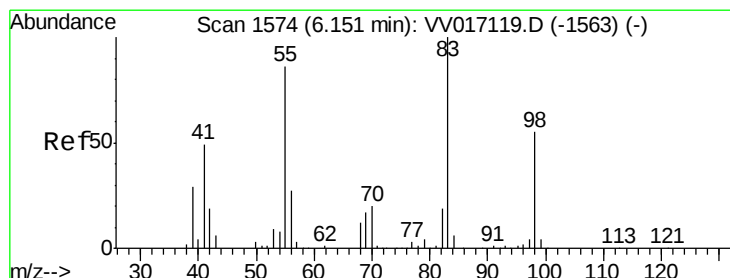
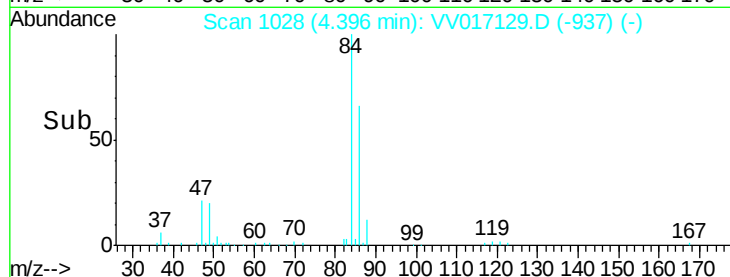
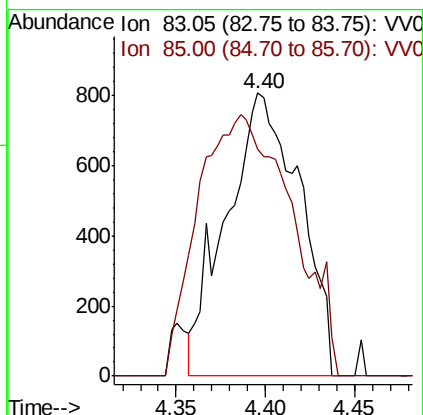
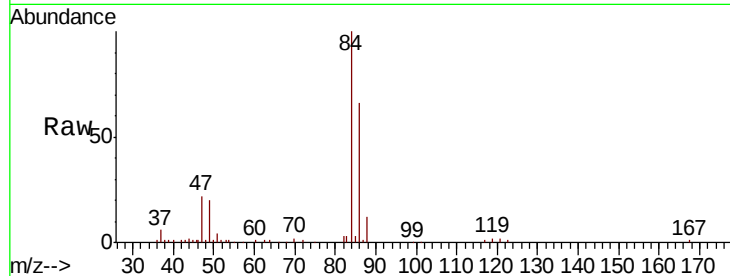




#25
Chloroform
Concen: 0.105 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV017129.D
Acq: 25 Jun 2020 15:59

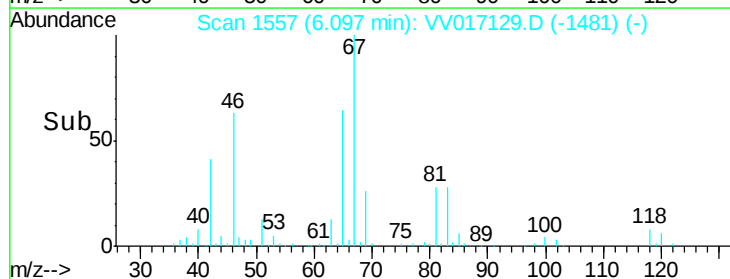
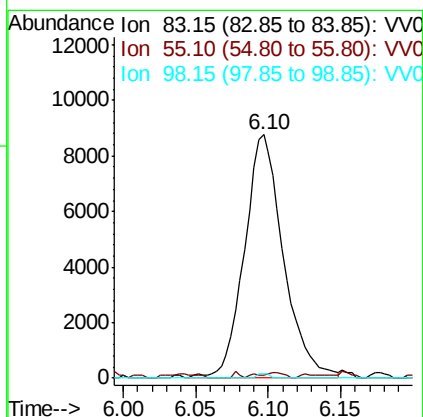
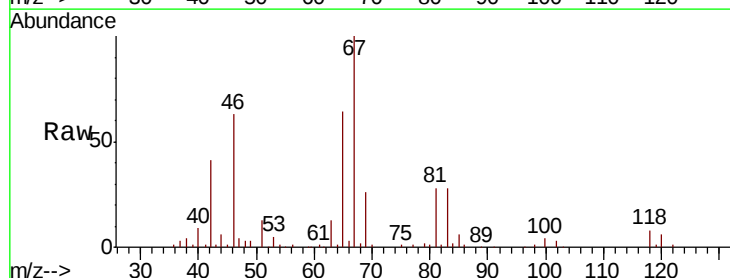
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

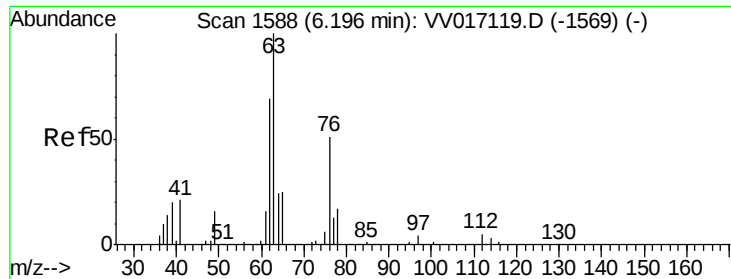
Tot Ion: 83 Resp: 2305
Ion Ratio Lower Upper
83 100
85 80.3 44.2 82.2



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017129.D
Acq: 25 Jun 2020 15:59

Tgt Ion: 83 Resp: 16447
Ion Ratio Lower Upper
83 100
55 0.6 63.6 95.4#
98 0.5 38.8 58.2#

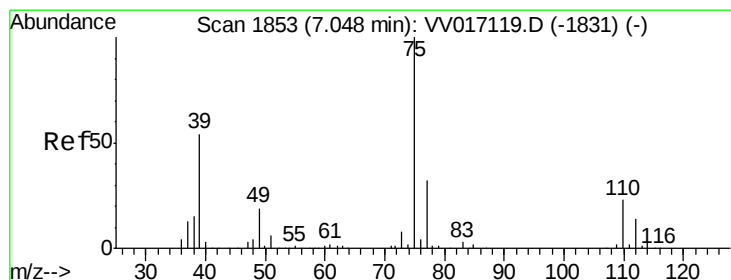
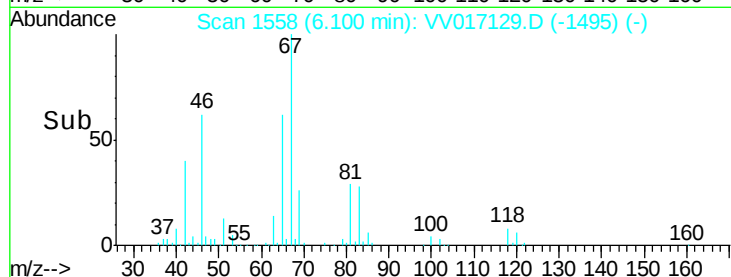
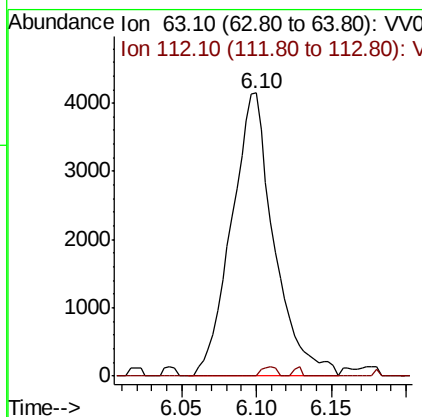
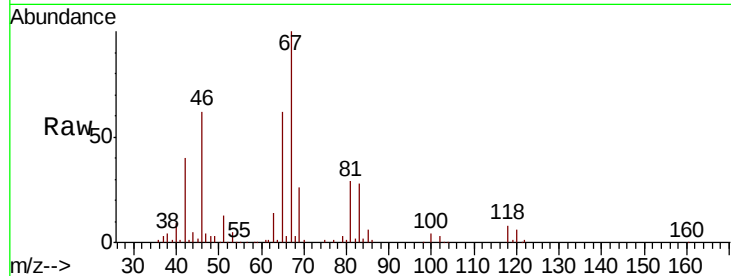




#37
 1,2-Dichloropropane
 Concen: 0.729 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV017129.D
 Acq: 25 Jun 2020 15:59

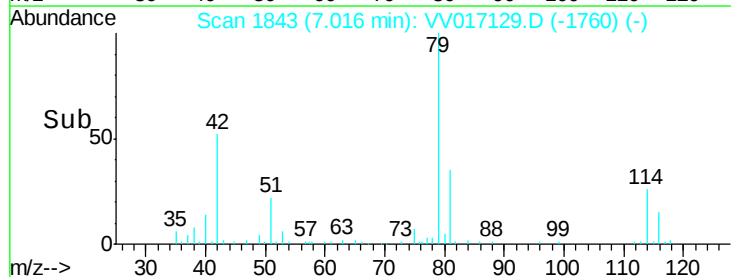
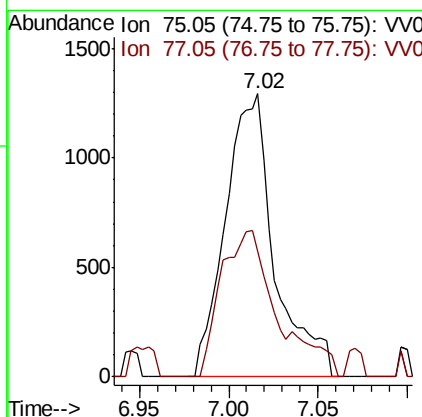
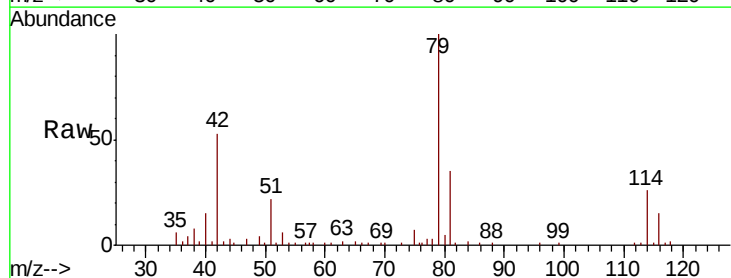
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

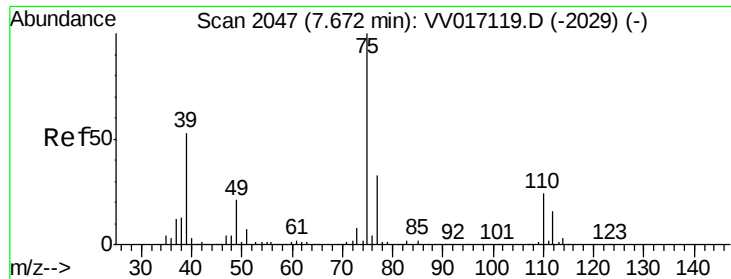
Tot Ion: 63 Resp: 8222
 Ion Ratio Lower Upper
 63 100
 112 1.1 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.148 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: VV017129.D
 Acq: 25 Jun 2020 15:59

Tgt Ion: 75 Resp: 2477
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.3 41.5#





#46

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017129.D

Acq: 25 Jun 2020 15:59

Instrument :

MSVOA_V

ClientSampleId :

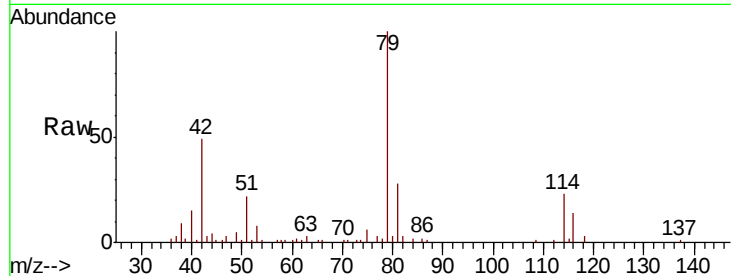
VHBLK01

Tot Ion: 75 Resp: 1472

Ion Ratio Lower Upper

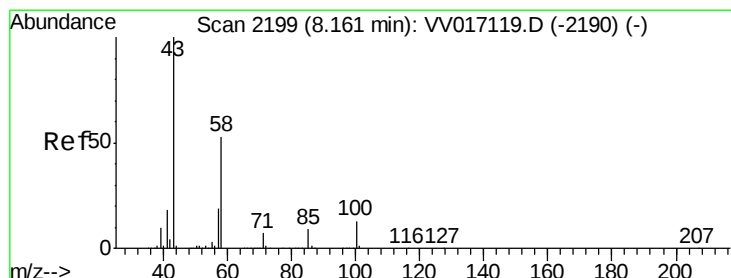
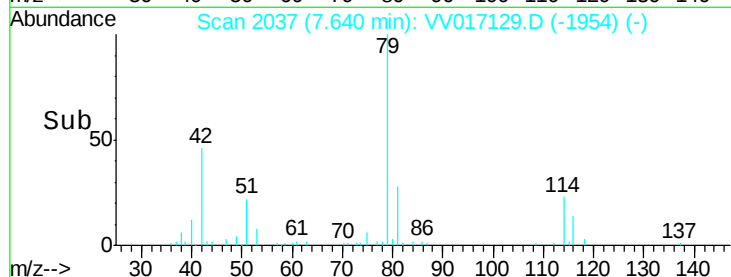
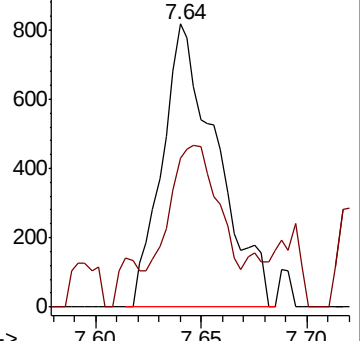
75 100

77 52.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 2.755 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV017129.D

Acq: 25 Jun 2020 15:59

Tgt Ion: 43 Resp: 12763

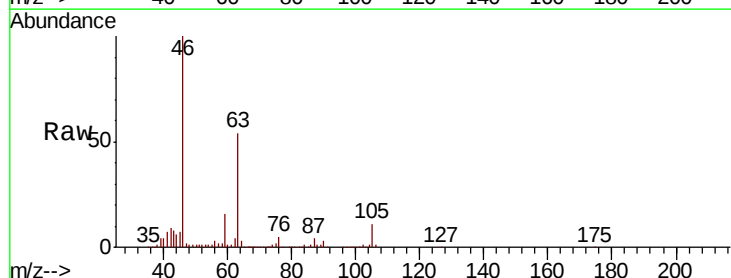
Ion Ratio Lower Upper

43 100

58 33.4 41.6 62.4#

57 33.0 15.4 23.0#

100 2.2 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

