

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017049.D
 Acq On : 23 Jun 2020 12:35
 Operator : SY/MD
 Sample : L3067-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG8

Quant Time: Jun 24 05:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178931	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172947	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45291	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	36068	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	69236	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.93	46	130190	47.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	4.38	84	108567	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	59411	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	209996	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	63245	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	193766	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	7.64	79	24279	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	8.11	63	79984	37.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42540	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	78183	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

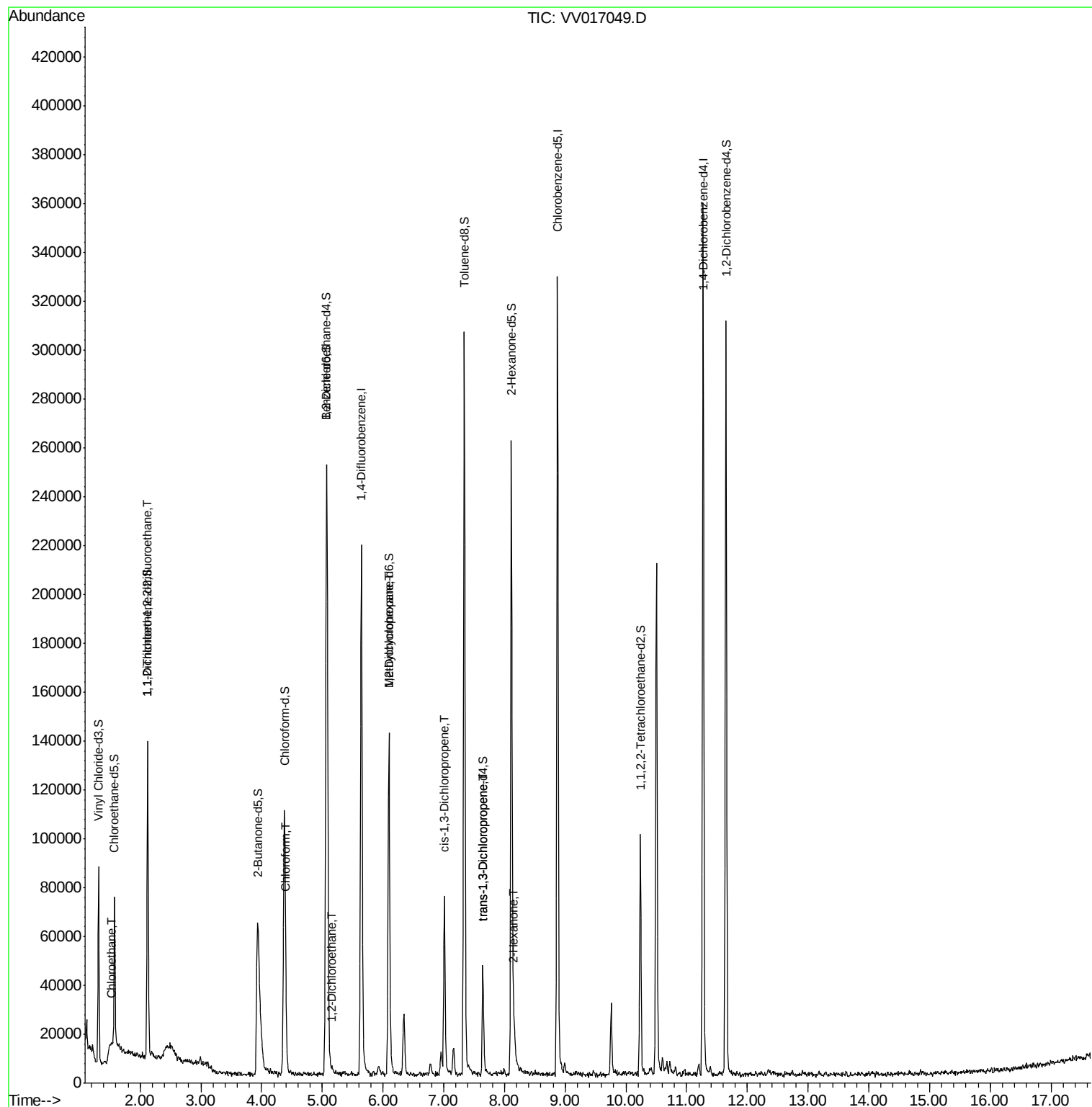
					Ovalue
8) Chloroethane	1.51	64	16773	2.585 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	725	0.077 ug/L #	27
25) Chloroform	4.41	83	4830	0.216 ug/L	90
27) 1,2-Dichloroethane	5.17	62	575	0.041 ug/L #	76
35) Methylcyclohexane	6.09	83	16001	0.776 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	2195	0.132 ug/L #	77
46) trans-1,3-Dichloropropene	7.64	75	1373	0.095 ug/L #	74
50) 2-Hexanone	8.16	43	8055	1.748 ug/L #	85

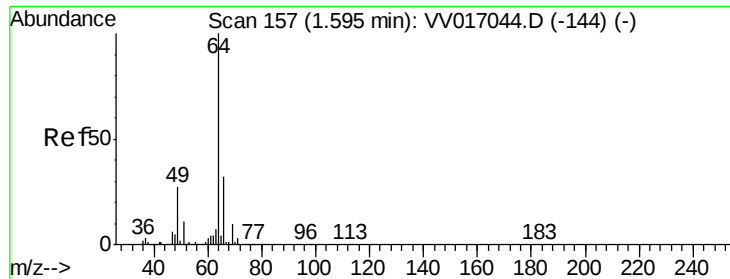
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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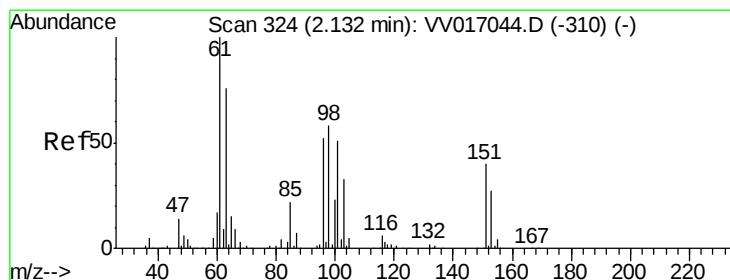
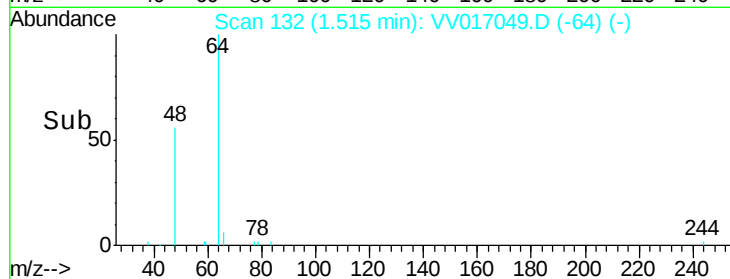
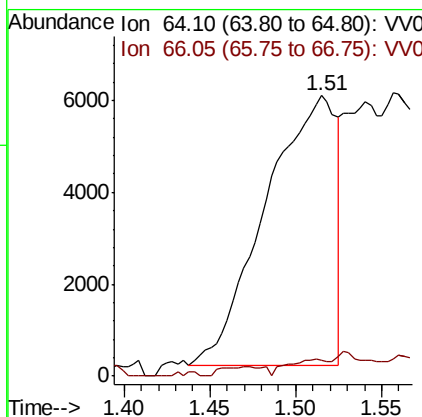
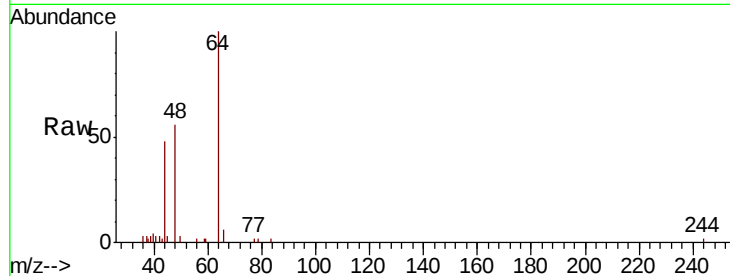




#8
Chloroethane
Concen: 2.585 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.08 min
Lab File: VV017049.D
Acq: 23 Jun 2020 12:35

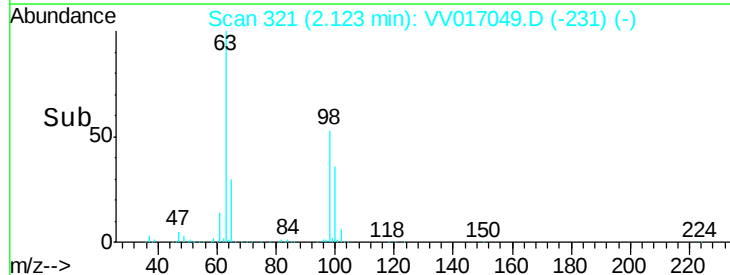
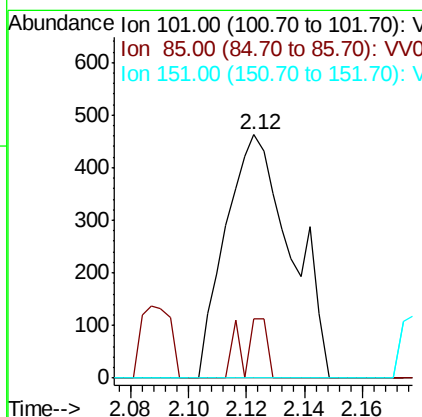
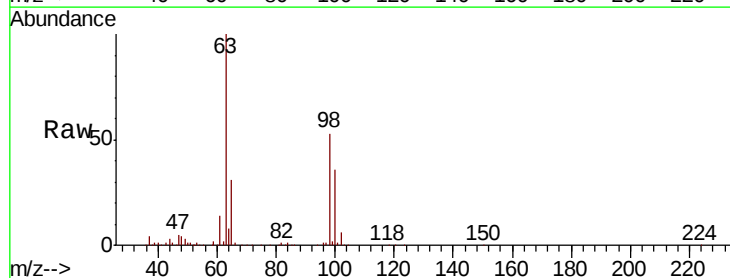
Instrument :
MSVOA_V
ClientSampleId :
BFXG8

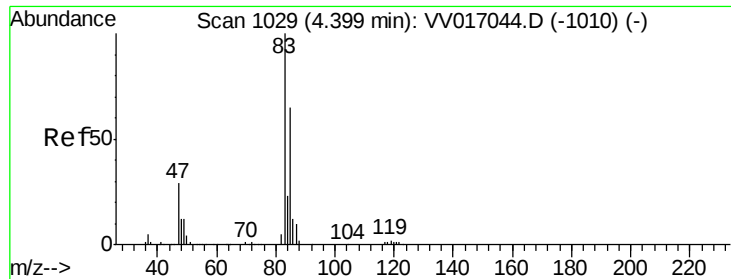
Tot Ion: 64 Resp: 16773
Ion Ratio Lower Upper
64 100
66 5.8 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017049.D
Acq: 23 Jun 2020 12:35

Tgt Ion: 101 Resp: 725
Ion Ratio Lower Upper
101 100
85 8.8 35.4 53.2#
151 5.9 63.9 95.9#





#25

Chloroform

Concen: 0.216 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV017049.D

Acq: 23 Jun 2020 12:35

Instrument :

MSVOA_V

ClientSampled :

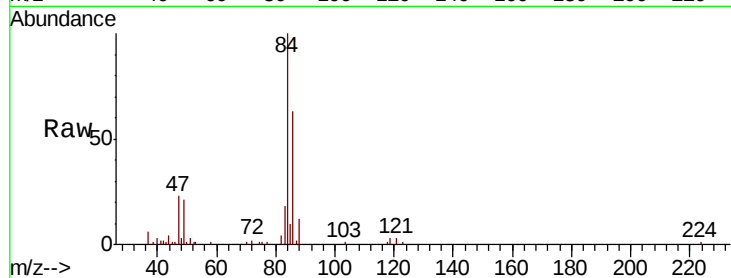
BFXG8

Tot Ion: 83 Resp: 4830

Ion Ratio Lower Upper

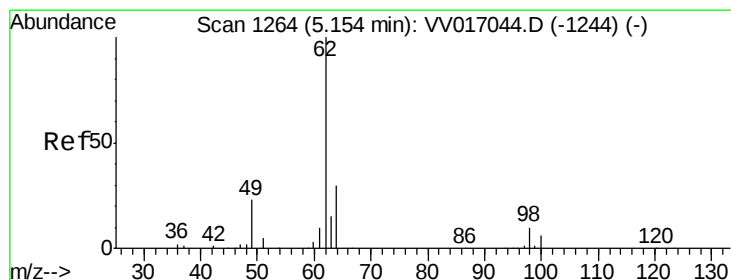
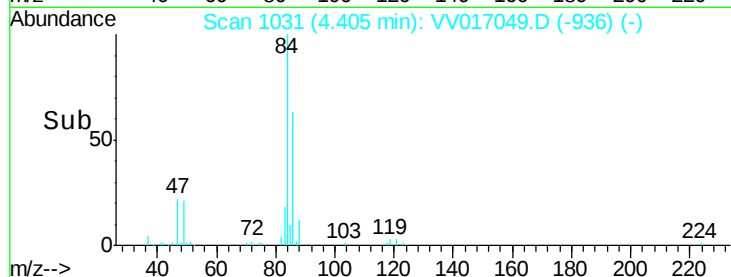
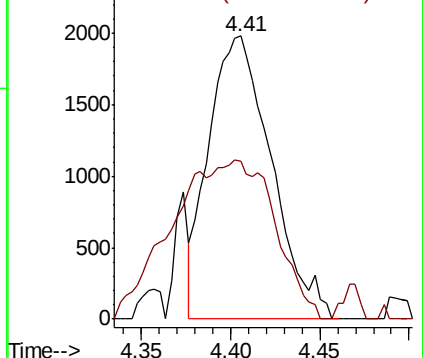
83 100

85 55.7 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.041 ug/L

RT: 5.17 min Scan# 1269

Delta R.T. 0.02 min

Lab File: VV017049.D

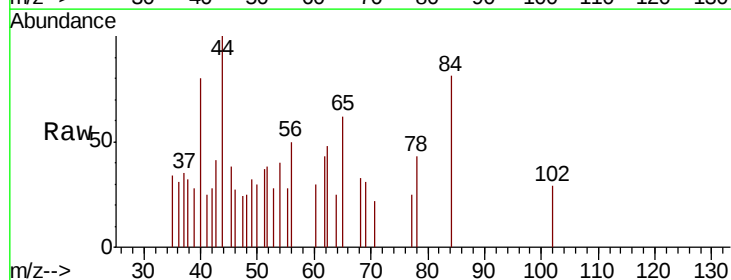
Acq: 23 Jun 2020 12:35

Tgt Ion: 62 Resp: 575

Ion Ratio Lower Upper

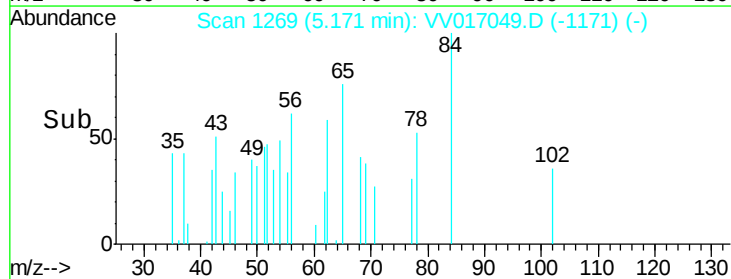
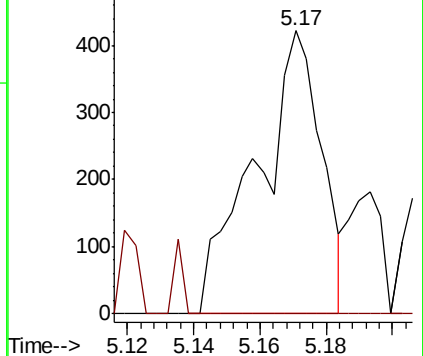
62 100

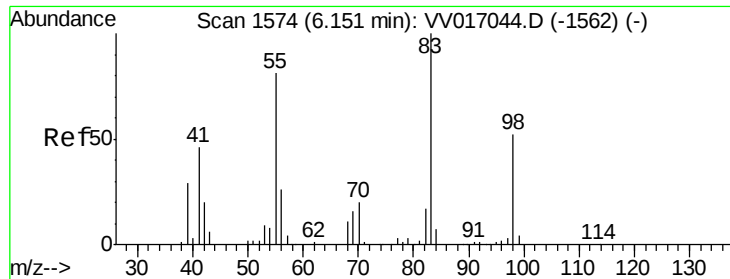
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

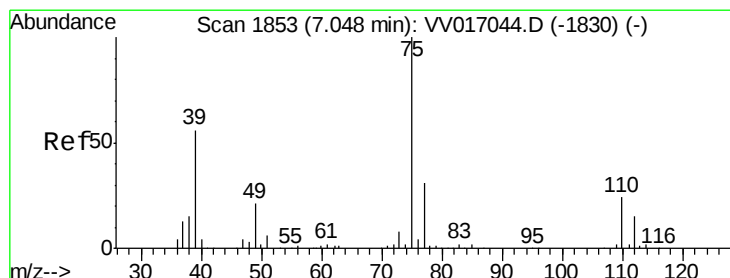
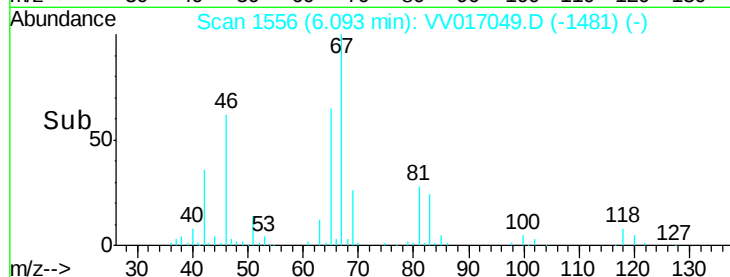
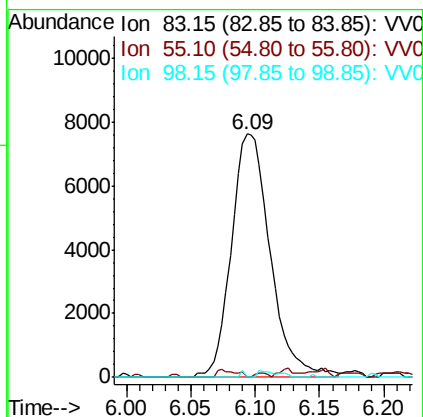
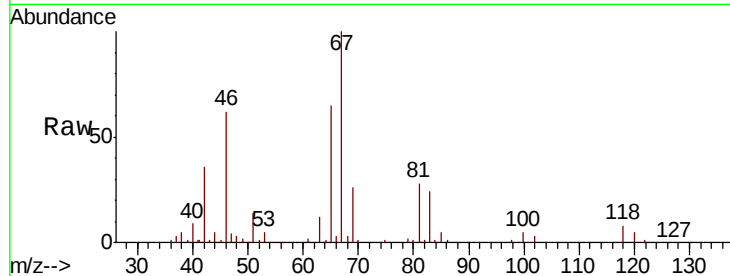




#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017049.D
Acq: 23 Jun 2020 12:35

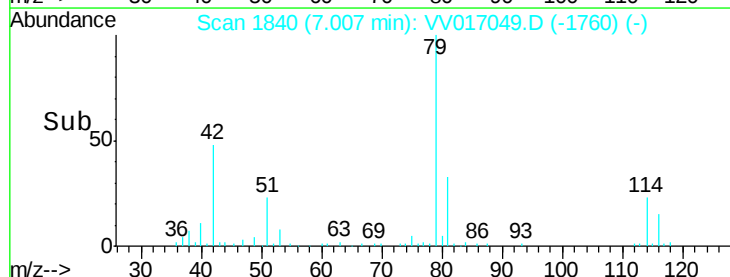
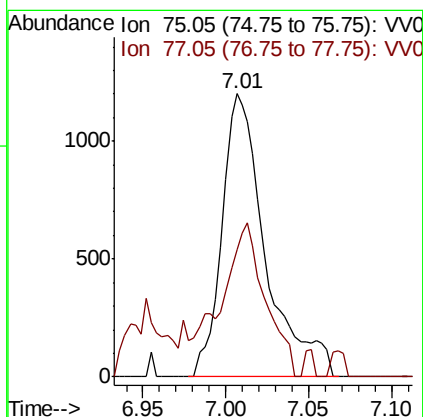
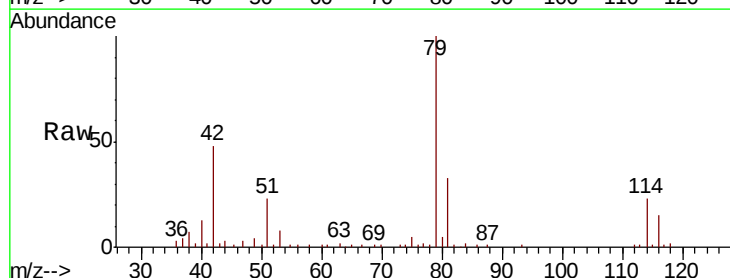
Instrument :
MSVOA_V
ClientSampled :
BFXG8

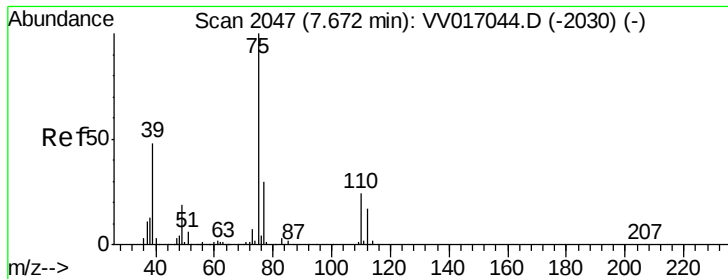
Tot Ion: 83 Resp: 16001
Ion Ratio Lower Upper
83 100
55 1.6 63.6 95.4#
98 0.2 38.8 58.2#



#39
cis-1,3-Dichloropropene
Concen: 0.132 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017049.D
Acq: 23 Jun 2020 12:35

Tgt Ion: 75 Resp: 2195
Ion Ratio Lower Upper
75 100
77 45.0 22.3 41.5#





#46

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017049.D

Acq: 23 Jun 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

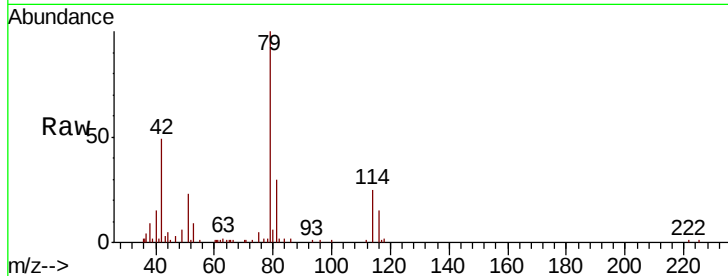
BFXG8

Tot Ion: 75 Resp: 1373

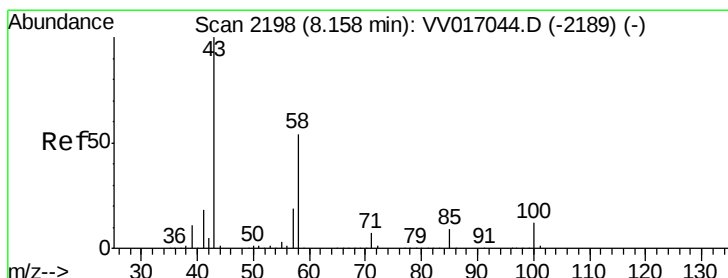
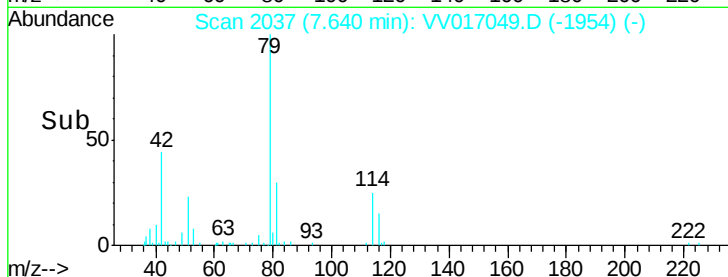
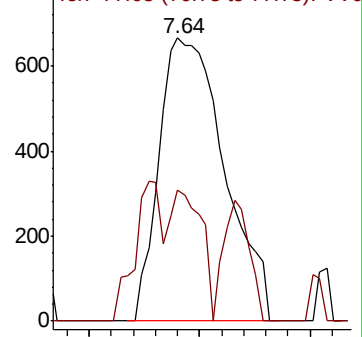
Ion Ratio Lower Upper

75 100

77 46.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV017044.D (-2030) (-)



#50

2-Hexanone

Concen: 1.748 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV017049.D

Acq: 23 Jun 2020 12:35

Tgt Ion: 43 Resp: 8055

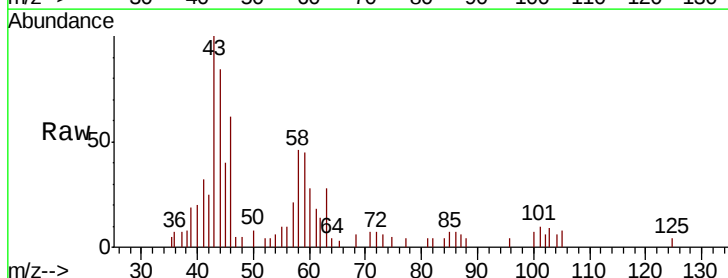
Ion Ratio Lower Upper

43 100

58 47.2 41.6 62.4

57 1.6 15.4 23.0#

100 8.5 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV017044.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV017044.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV017044.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV017044.D (-2189) (-)

