

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017082.D
 Acq On : 24 Jun 2020 19:29
 Operator : SY/MD
 Sample : L3105-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK9

Quant Time: Jun 25 01:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160460	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155475	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70188	5.00	ug/L	0.00

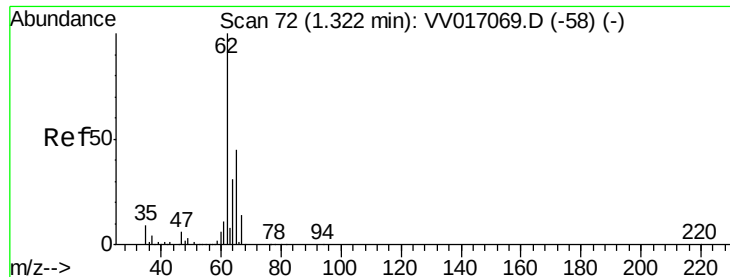
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38736	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	32157	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	62972	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.93	46	118549	48.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.38	84	103332	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	54148	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	192164	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.10	67	57480	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	172070	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
45) trans-1,3-Dichloropropene-	7.65	79	21809	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	8.11	63	87810	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41461	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	68836	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	1095	0.104	ug/L # 15
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	660	0.078	ug/L # 17
12) 1,1-Dichloroethene	2.13	96	855	0.111	ug/L # 1
13) Acetone	2.21	43	7700	6.206	ug/L 88
21) 2-Butanone	4.10	43	739724	316.276	ug/L # 50
22) cis-1,2-Dichloroethene	3.95	96	1827	0.164	ug/L 85
25) Chloroform	4.41	83	24499	1.223	ug/L 98
30) Cyclohexane	4.70	56	5506	0.311	ug/L 93
35) Methylcyclohexane	6.10	83	15090	0.814	ug/L # 17
37) 1,2-Dichloropropane	6.10	63	6916	0.686	ug/L # 85
46) trans-1,3-Dichloropropene	7.64	75	1265	0.098	ug/L 100
50) 2-Hexanone	8.11	43	12138	2.931	ug/L # 70

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



#5

Vinyl chloride

Concen: 0.104 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017082.D

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Instrument :

MSVOA_V

ClientSampleId :

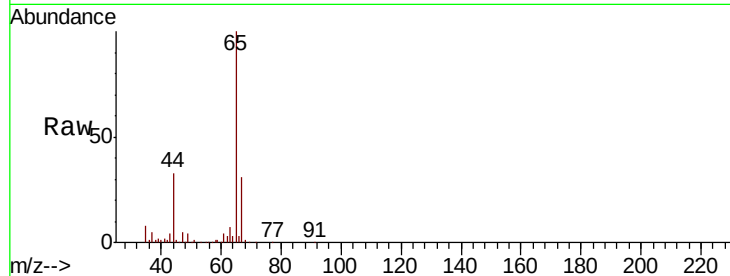
BFXK9

Tot Ion: 62 Resp: 1095

Ion Ratio Lower Upper

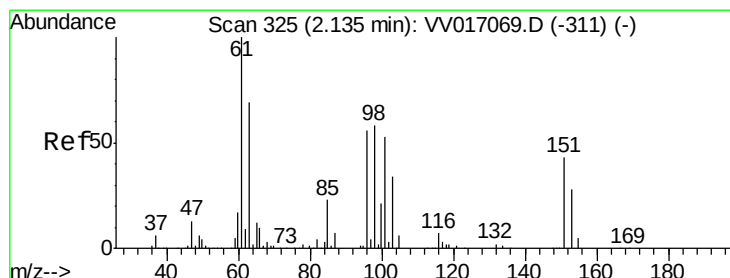
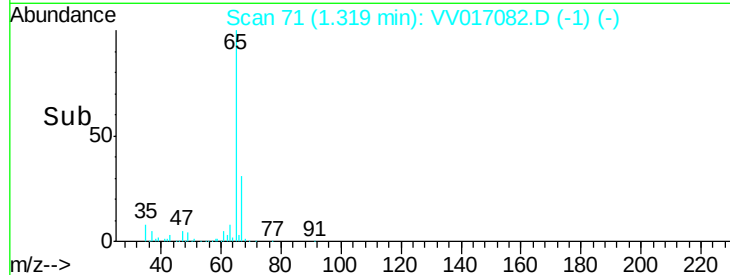
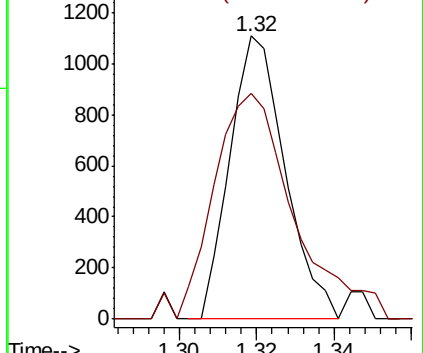
62 100

64 79.8 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV017069.D (-58) (-)

Ion 64.10 (63.80 to 64.80): VV017069.D (-58) (-)



#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV017082.D

Acq: 24 Jun 2020 19:29

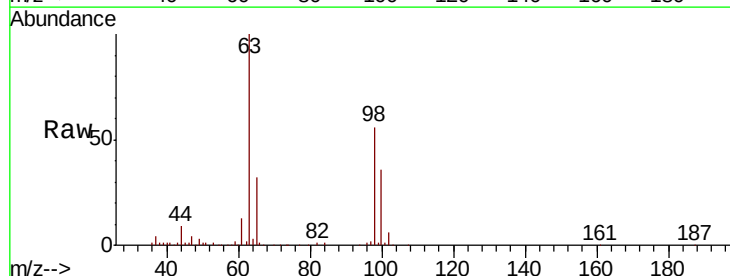
Tgt Ion: 101 Resp: 660

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

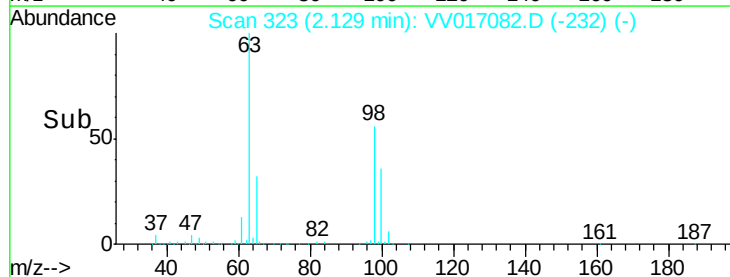
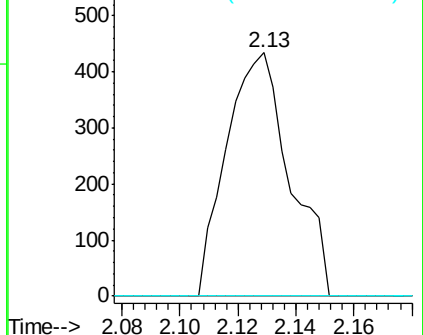
151 0.0 63.9 95.9#

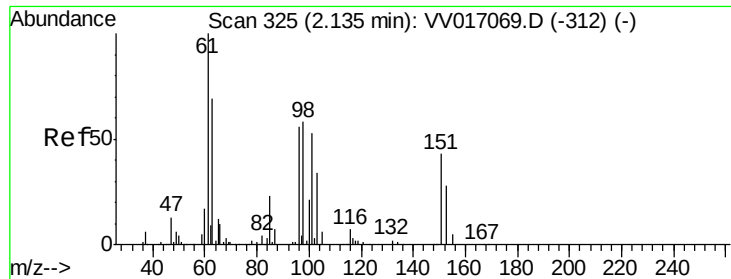


Abundance Ion 101.00 (100.70 to 101.70): VV017069.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017069.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017069.D (-311) (-)





#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017082.D

Acq: 24 Jun 2020 19:29

Instrument :

MSVOA_V

ClientSampled :

BFXK9

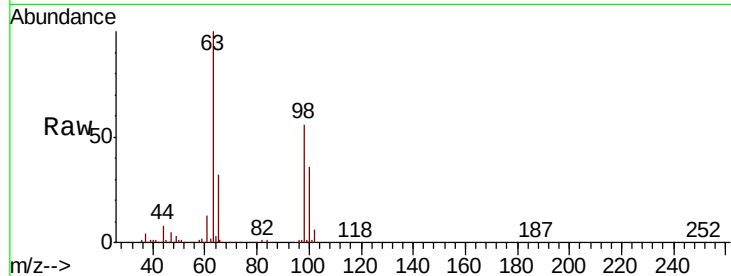
Tot Ion: 96 Resp: 855

Ion Ratio Lower Upper

96 100

61 1120.0 125.0 232.2#

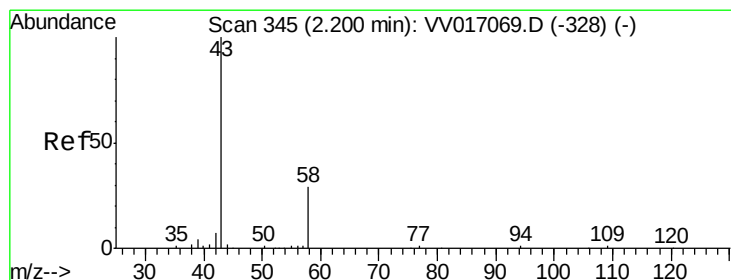
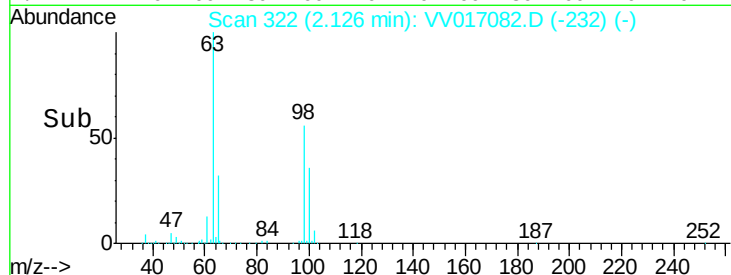
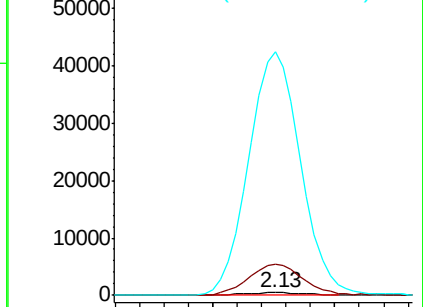
63 8685.5 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV017082.D (-232) (-)

Ion 61.05 (60.75 to 61.75): VV017082.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV017082.D (-232) (-)



#13

Acetone

Concen: 6.206 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV017082.D

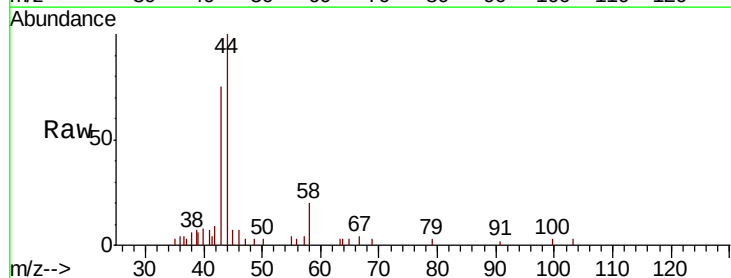
Acq: 24 Jun 2020 19:29

Tgt Ion: 43 Resp: 7700

Ion Ratio Lower Upper

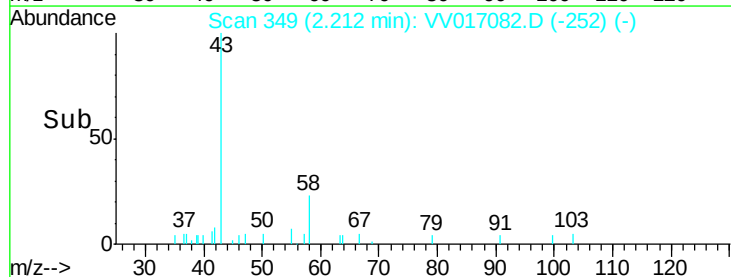
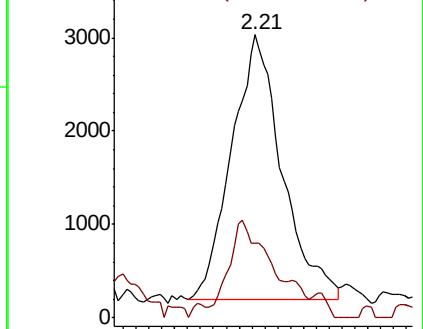
43 100

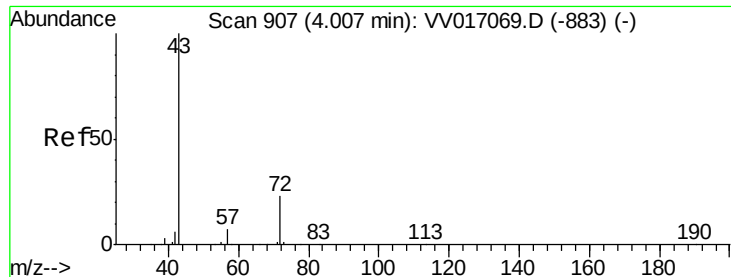
58 22.7 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017082.D (-252) (-)

Ion 58.05 (57.75 to 58.75): VV017082.D (-252) (-)





#21

2-Butanone

Concen: 316.276 ug/L

RT: 4.10 min Scan# 937

Delta R.T. 0.10 min

Lab File: VV017082.D

Acq: 24 Jun 2020 19:29

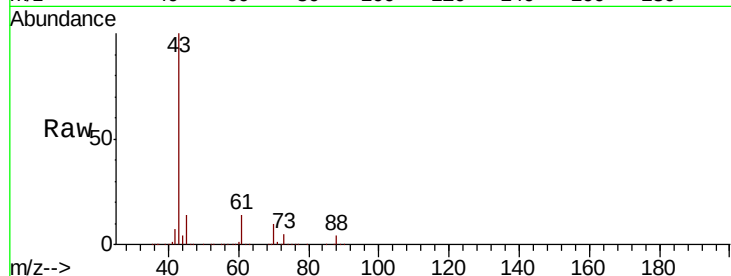
Instrument :
MSVOA_V
ClientSampled :
BFXK9

Tot Ion: 43 Resp: 739724

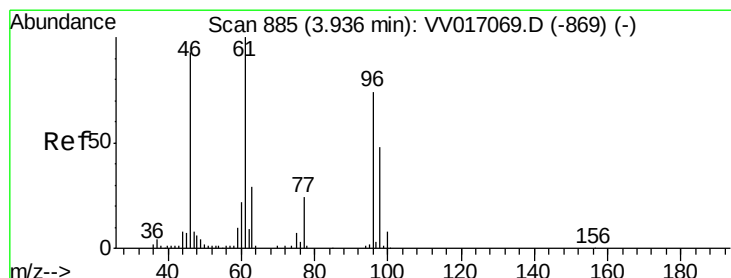
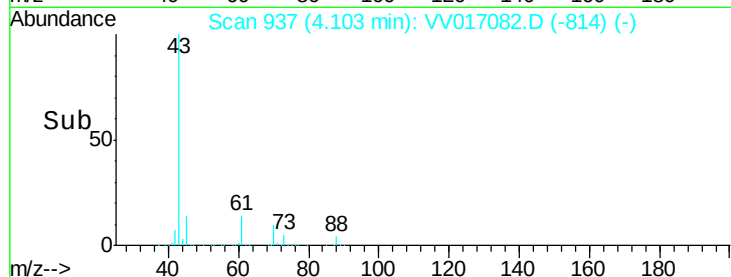
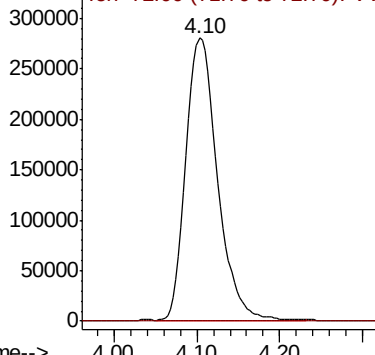
Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.164 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV017082.D

Acq: 24 Jun 2020 19:29

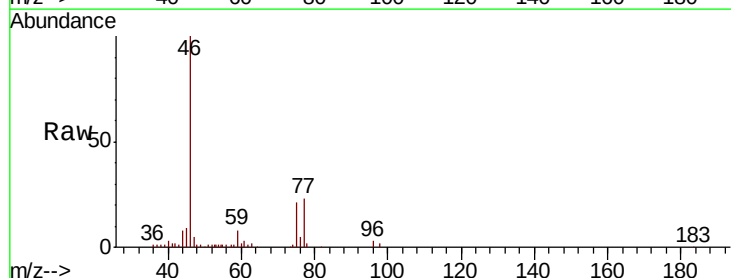
Tgt Ion: 96 Resp: 1827

Ion Ratio Lower Upper

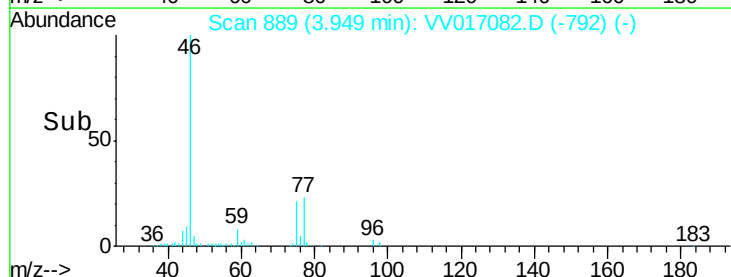
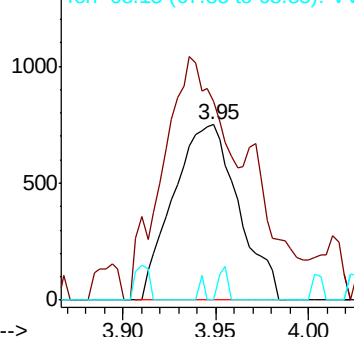
96 100

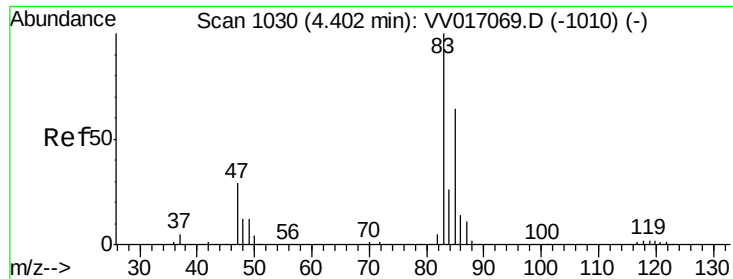
61 113.1 91.0 169.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

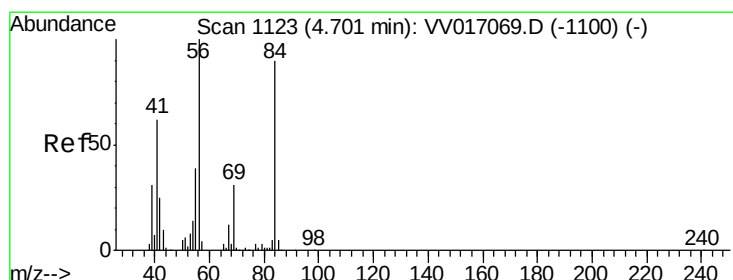
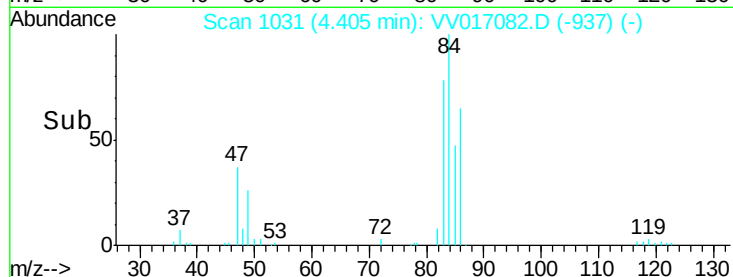
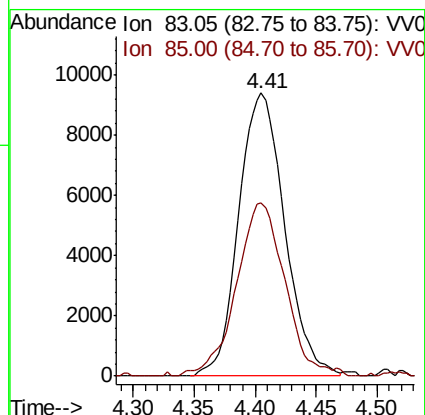
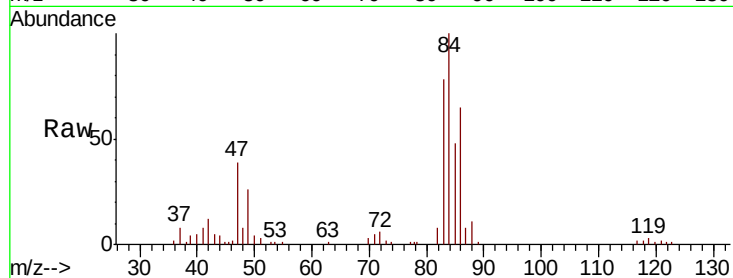




#25
Chloroform
Concen: 1.223 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017082.D
Acq: 24 Jun 2020 19:29

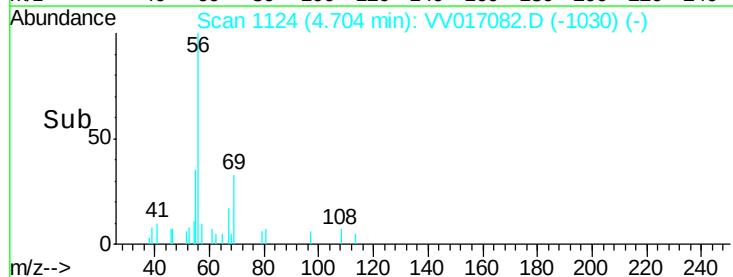
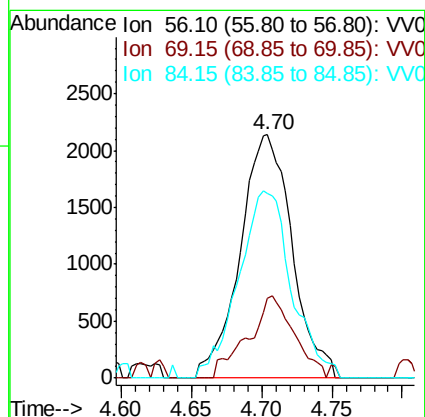
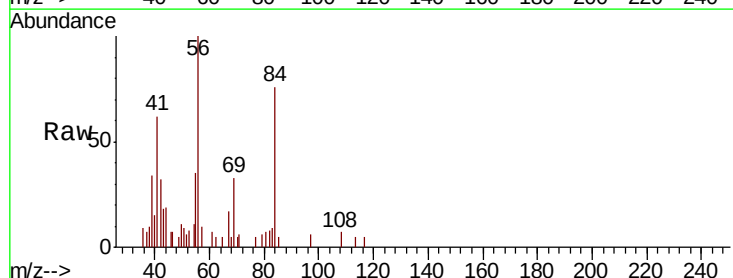
Instrument :
MSVOA_V
ClientSampleId :
BFXK9

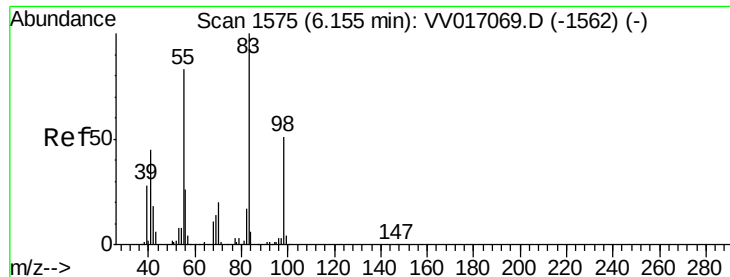
Tot Ion: 83 Resp: 24499
Ion Ratio Lower Upper
83 100
85 61.3 44.2 82.2



#30
Cyclohexane
Concen: 0.311 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017082.D
Acq: 24 Jun 2020 19:29

Tgt Ion: 56 Resp: 5506
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 78.5 69.9 104.9

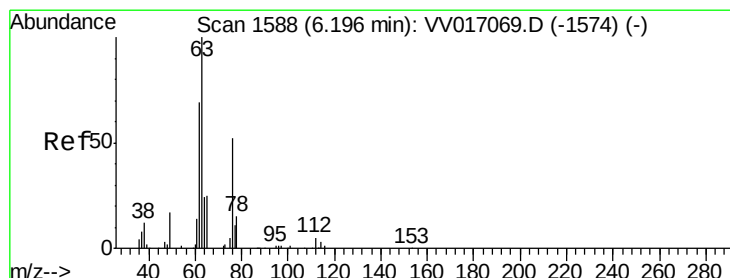
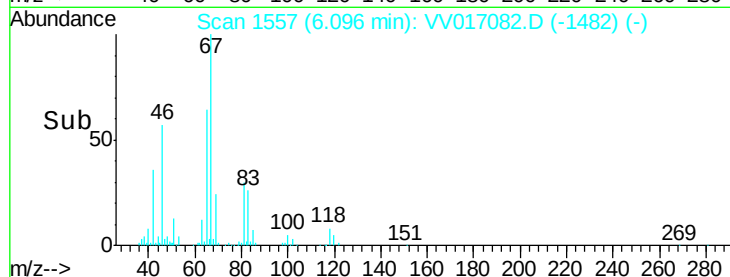
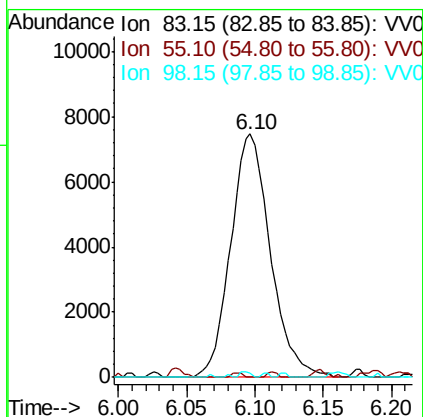
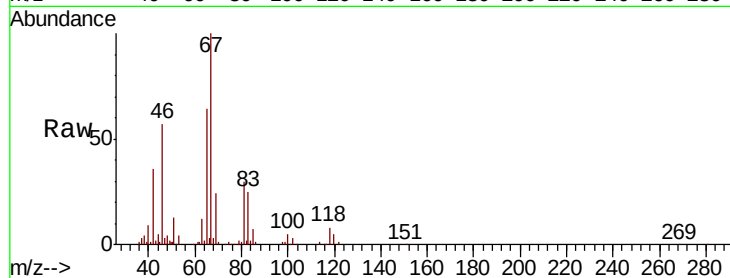




#35
Methylvlcyclohexane
Concen: 0.814 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017082.D
Acq: 24 Jun 2020 19:29

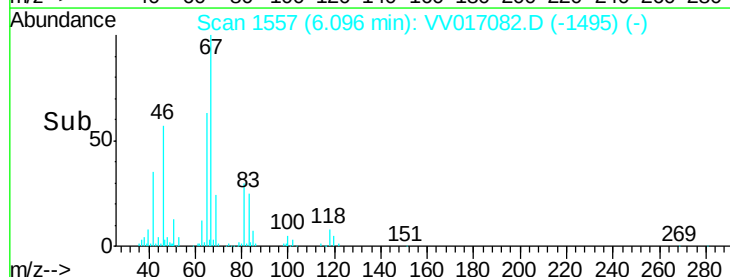
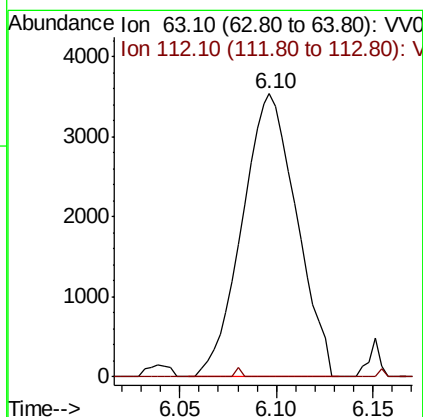
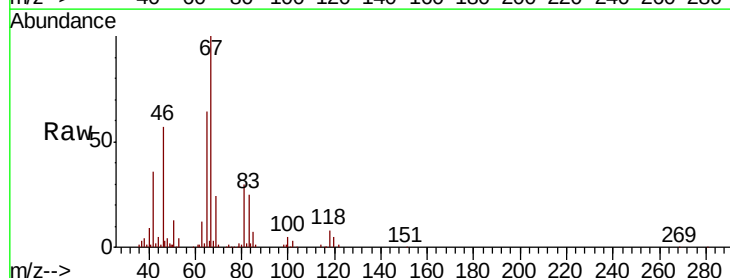
Instrument :
MSVOA_V
ClientSampleId :
BFXK9

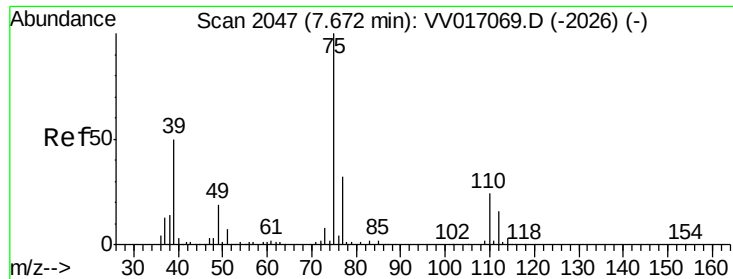
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.6	95.4#
98	0.6	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017082.D
Acq: 24 Jun 2020 19:29

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.4	6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017082.D

Acq: 24 Jun 2020 19:29

Instrument :

MSVOA_V

ClientSampleId :

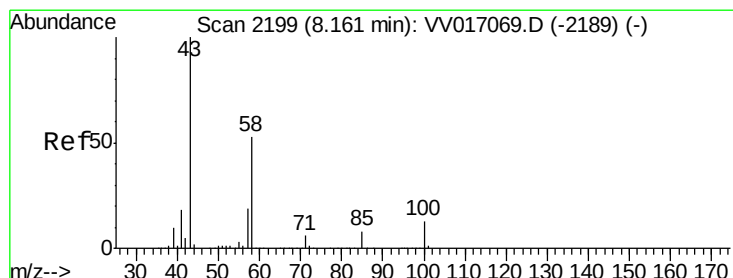
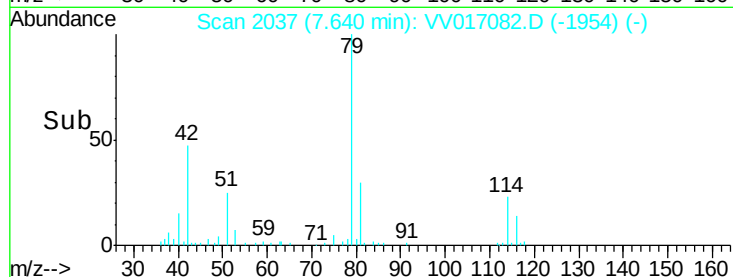
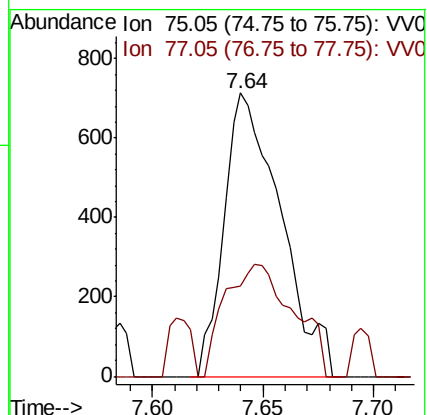
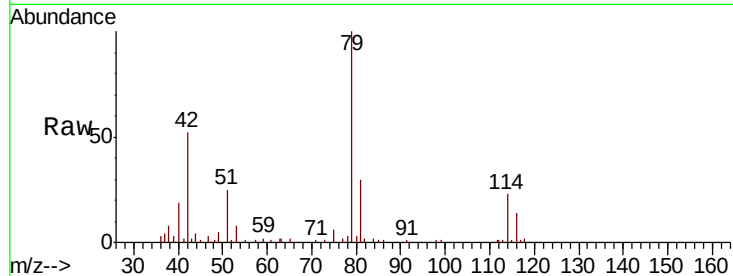
BFXK9

Tot Ion: 75 Resp: 1265

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#50

2-Hexanone

Concen: 2.931 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017082.D

Acq: 24 Jun 2020 19:29

Tgt Ion: 43 Resp: 12138

Ion Ratio Lower Upper

43 100

58 28.6 41.6 62.4#

57 29.0 15.4 23.0#

100 1.1 10.1 15.1#

