

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016408.D
 Acq On : 01 Jun 2020 13:42
 Operator : SY/MD
 Sample : L2780-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:16:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	75565	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	72845	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	30391	5.00	ug/L	0.00

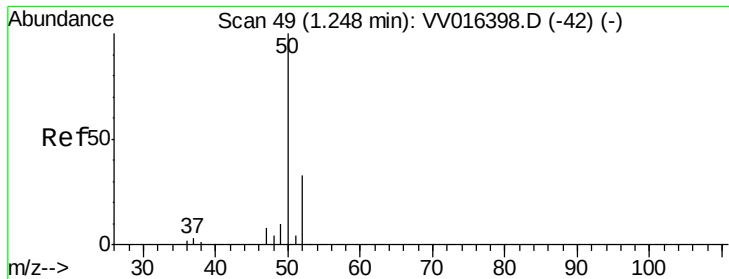
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29251	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	23077	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.12	63	42027	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	52964	37.11	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.22%
24) Chloroform-d	4.37	84	55487	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.05	65	30821	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.07	84	107160	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.09	67	34071	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.33	98	93473	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
45) trans-1,3-Dichloropropene-	7.64	79	9673	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
48) 2-Hexanone-d5	8.11	63	59228	55.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.44%
59) 1,1,2,2-Tetrachloroethane-	10.23	84	23599	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
65) 1,2-Dichlorobenzene-d4	11.64	152	29475	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	2923	0.387	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	462	0.090	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	357	0.073	ug/L #	1
19) 1,1-Dichloroethane	3.20	63	864	0.085	ug/L #	78
27) 1,2-Dichloroethane	5.07	62	665	0.099	ug/L #	76
35) Methylcyclohexane	6.09	83	8258	0.907	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4299	0.788	ug/L #	87
39) cis-1,3-Dichloropropene	7.00	75	670	0.093	ug/L #	51
70) Naphthalene	13.53	128	2777	0.200	ug/L #	93

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



#3

Chloromethane

Concen: 0.387 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016408.D

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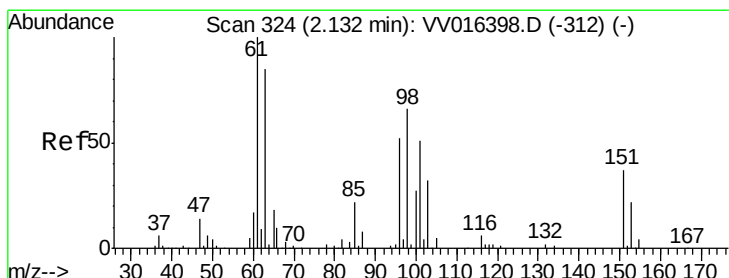
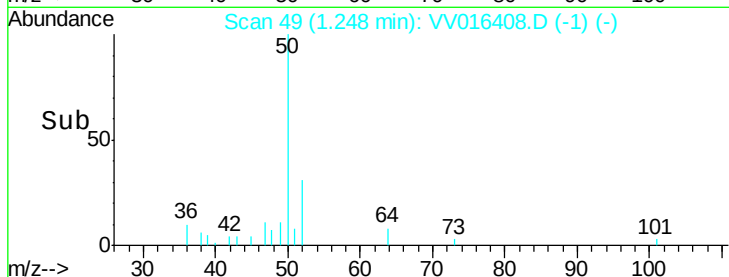
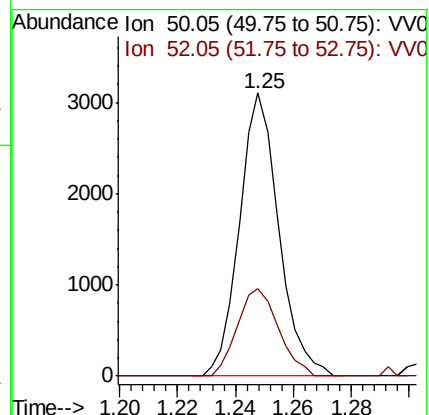
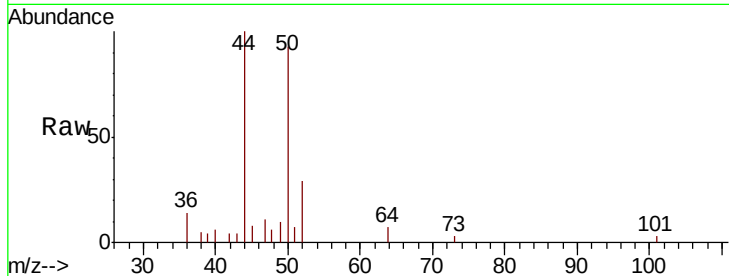
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 2923

Ion Ratio Lower Upper

50 100

52 30.9 23.1 42.9



#10

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

Concen: 0.090 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016408.D

Acq: 01 Jun 2020 13:42

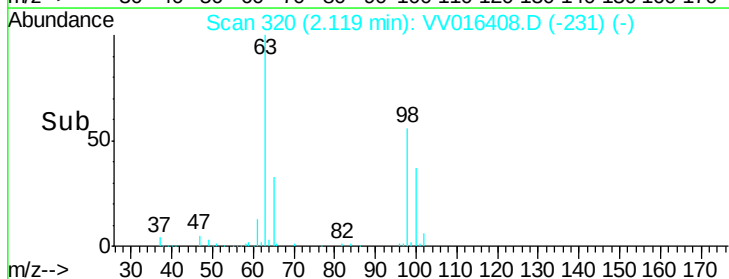
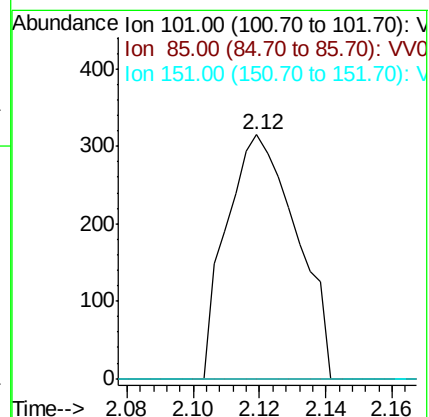
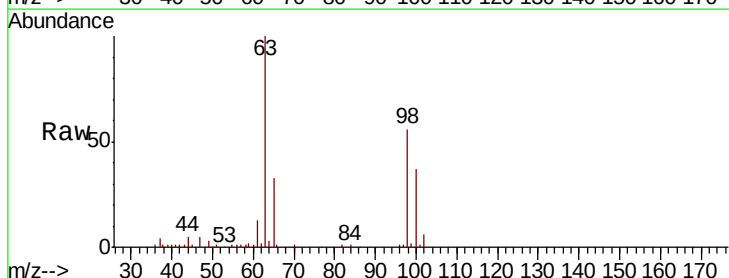
Tgt Ion: 101 Resp: 462

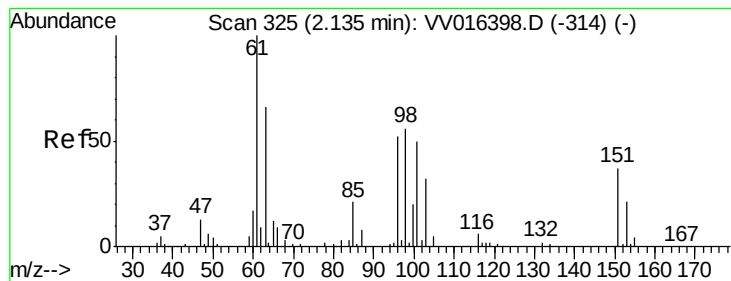
Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 57.2 85.8#





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016408.D

Acq: 01 Jun 2020 13:42

Instrument :

MSVOA_V

ClientSampled :

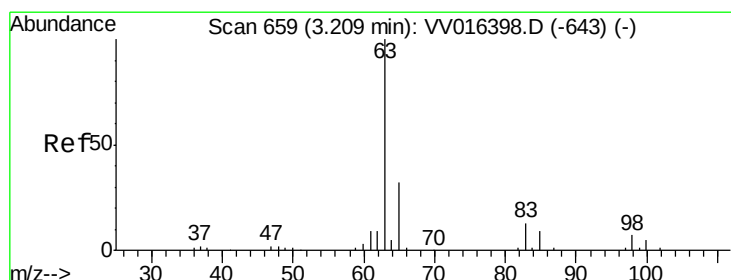
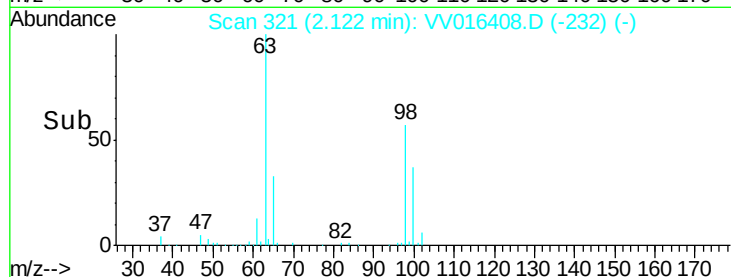
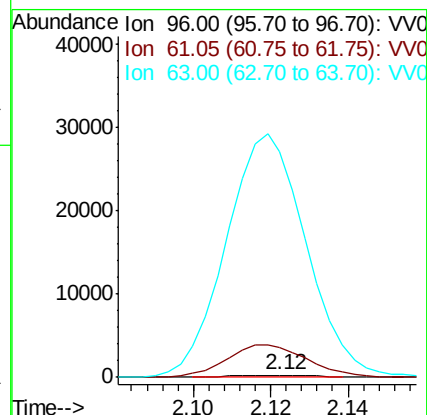
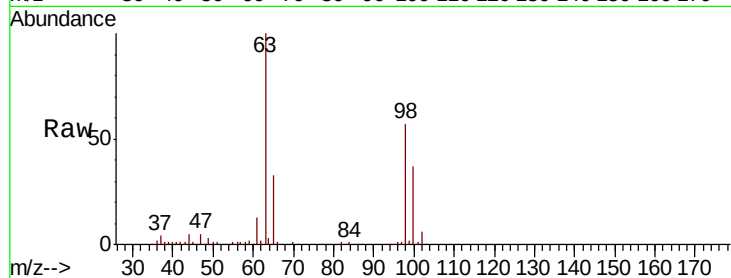
Tot Ion: 96 Resp: 357

Ion Ratio Lower Upper

96 100

61 1293.2 125.4 233.0#

63 9752.5 88.2 163.8#



#19

1,1-Dichloroethane

Concen: 0.085 ug/L

RT: 3.20 min Scan# 656

Delta R.T. -0.01 min

Lab File: VV016408.D

Acq: 01 Jun 2020 13:42

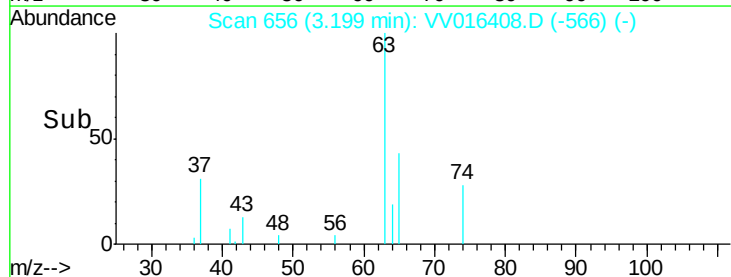
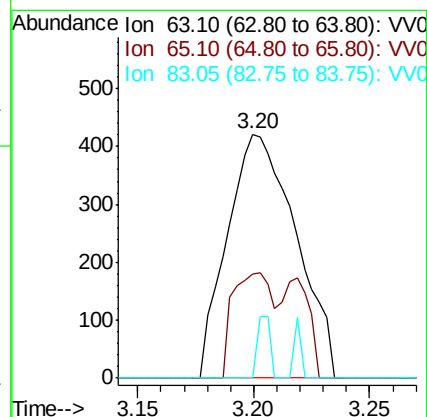
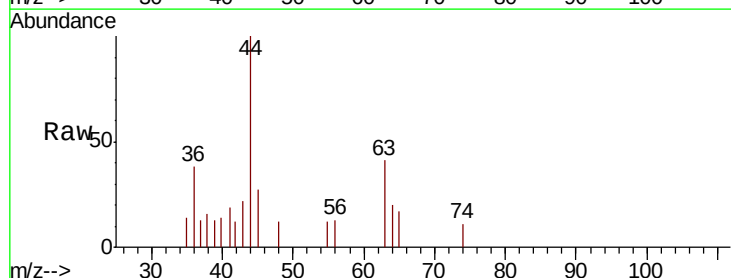
Tgt Ion: 63 Resp: 864

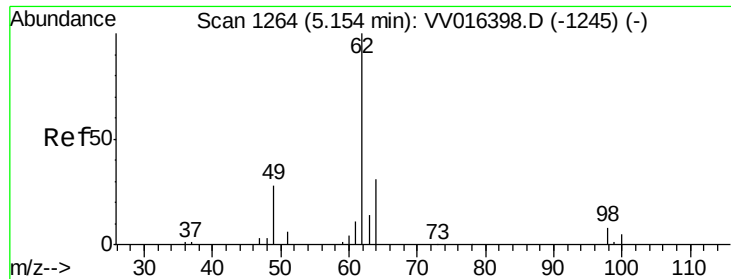
Ion Ratio Lower Upper

63 100

65 42.5 23.3 43.3

83 0.0 9.9 18.3#

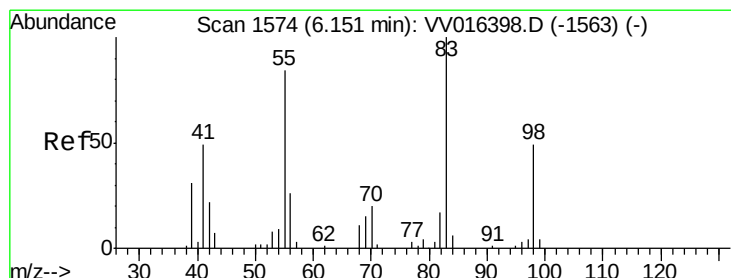
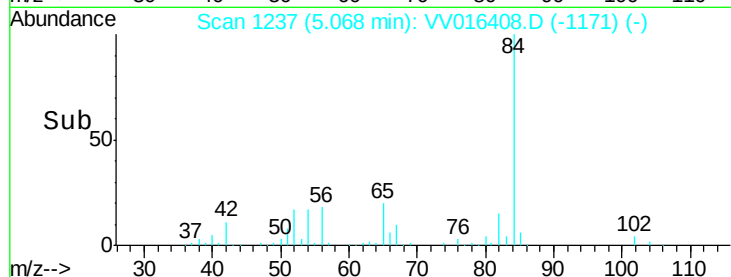
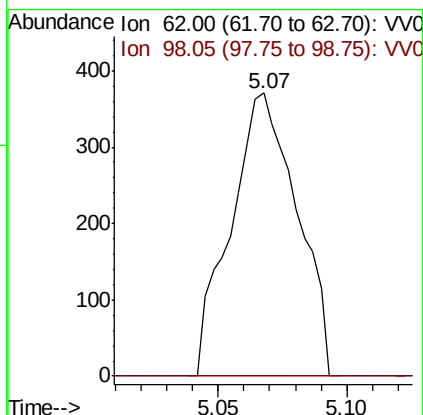
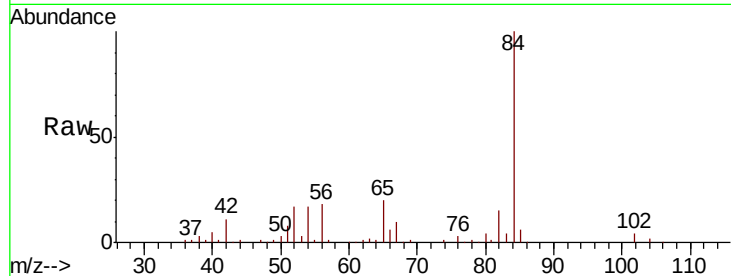




#27
 1,2-Dichloroethane
 Concen: 0.099 ug/L
 RT: 5.07 min Scan# 1237
 Delta R.T. -0.09 min
 Lab File: VV016408.D
 Acq: 01 Jun 2020 13:42

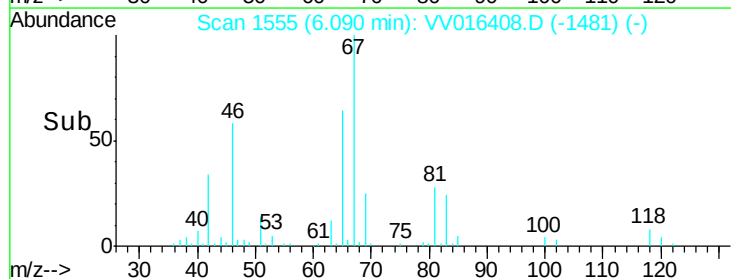
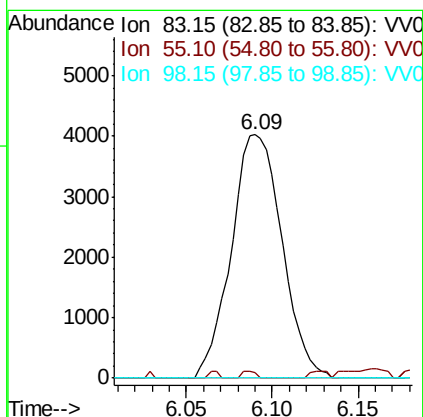
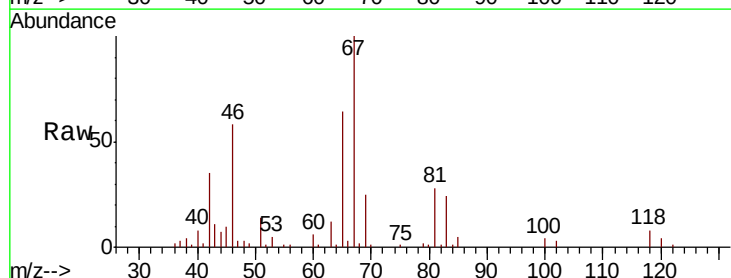
Instrument :
 MSVOA_V
 ClientSampleId :

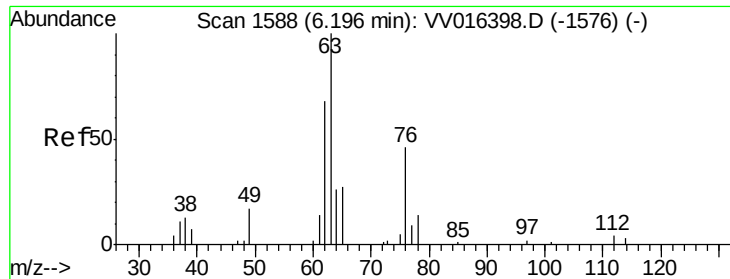
Tot Ion: 62 Resp: 665
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#35
 Methylcyclohexane
 Concen: 0.907 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.06 min
 Lab File: VV016408.D
 Acq: 01 Jun 2020 13:42

Tgt Ion: 83 Resp: 8258
 Ion Ratio Lower Upper
 83 100
 55 0.8 67.0 100.4#
 98 0.0 39.0 58.4#

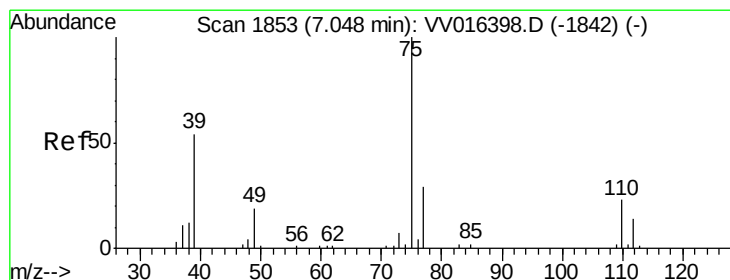
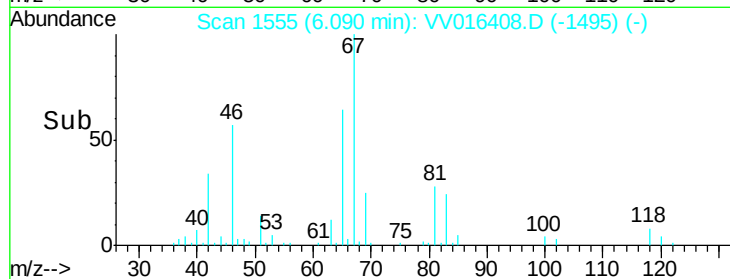
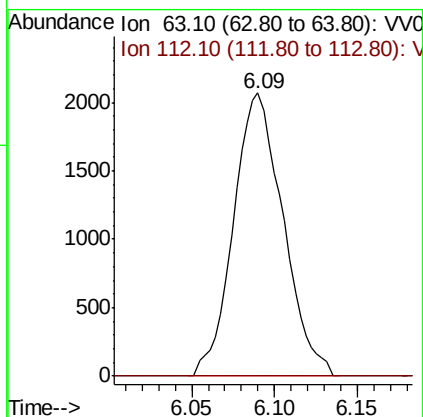
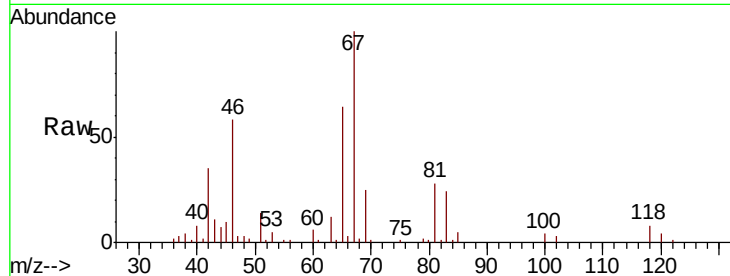




#37
 1,2-Dichloropropane
 Concen: 0.788 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV016408.D
 Acq: 01 Jun 2020 13:42

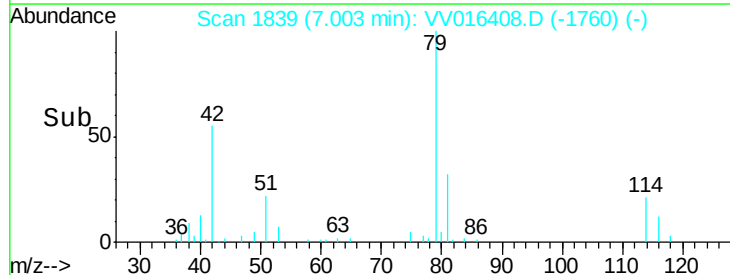
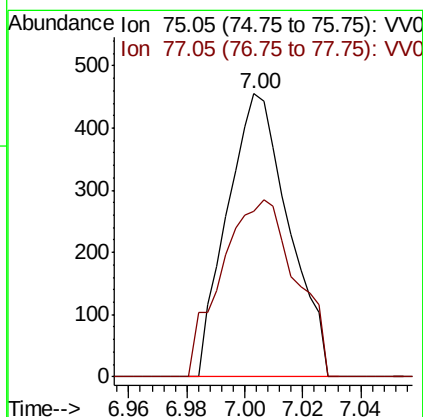
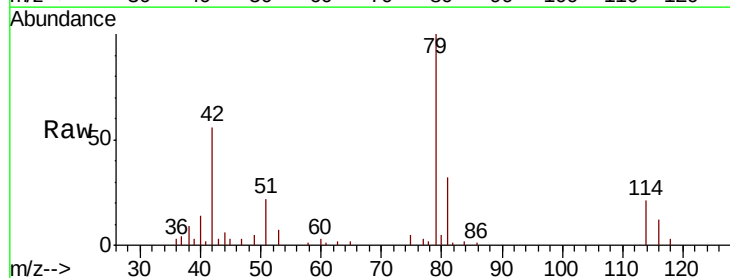
Instrument :
 MSVOA_V
 ClientSampleId :

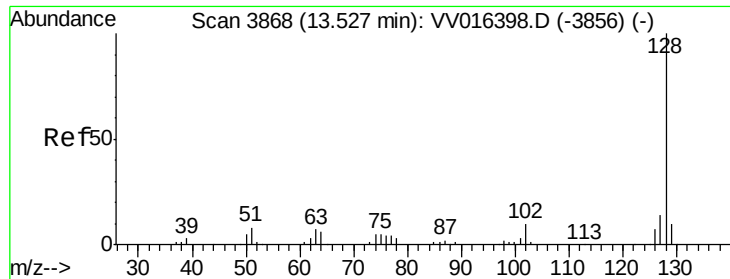
Tot Ion: 63 Resp: 4299
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV016408.D
 Acq: 01 Jun 2020 13:42

Tgt Ion: 75 Resp: 670
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.0 41.0#





#70

Naphthalene

Concen: 0.200 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016408.D

Acq: 01 Jun 2020 13:42

Instrument :

MSVOA_V

ClientSampleId :

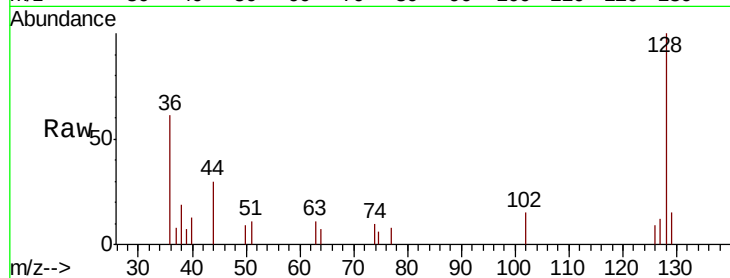
Tot Ion:128 Resp: 2777

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

127 8.8 10.7 16.1#



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

