

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016401.D
 Acq On : 01 Jun 2020 10:48
 Operator : SY/MD
 Sample : L2826-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:15:04 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	72900	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	70838	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	30018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25155	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	20336	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.12	63	37566	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.98	46	49638	36.05	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.10%
24) Chloroform-d	4.38	84	49912	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	27342	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	96162	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	29333	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	81854	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
45) trans-1,3-Dichloropropene-	7.65	79	10141	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
48) 2-Hexanone-d5	8.12	63	48116	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21072	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	28427	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

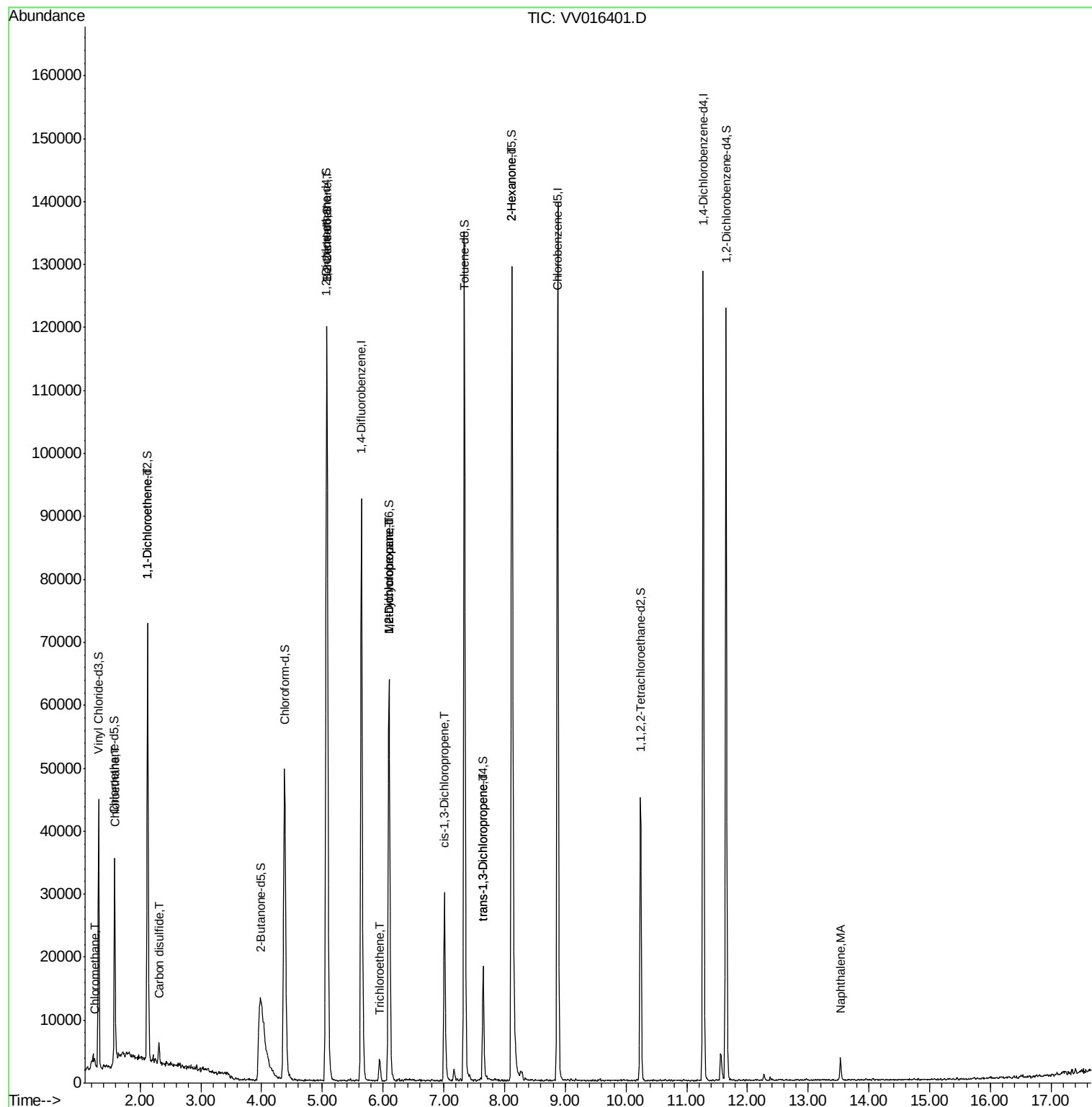
					Ovalue
3) Chloromethane	1.25	50	687	0.094 ug/L #	58
8) Chloroethane	1.59	64	1047	0.267 ug/L #	59
12) 1,1-Dichloroethene	2.12	96	406	0.087 ug/L #	1
14) Carbon disulfide	2.31	76	3157	0.221 ug/L #	88
27) 1,2-Dichloroethane	5.08	62	436	0.067 ug/L #	76
34) Trichloroethene	5.95	95	1360	0.247 ug/L	86
35) Methylcyclohexane	6.10	83	7134	0.805 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	3454	0.651 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	736	0.105 ug/L #	61
46) trans-1,3-Dichloropropene	7.65	75	455	0.079 ug/L #	45
50) 2-Hexanone	8.12	43	8158	3.652 ug/L #	69
70) Naphthalene	13.53	128	2900	0.212 ug/L	99

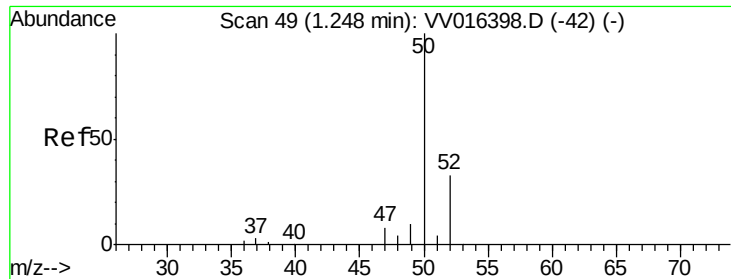
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060120\
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Instrument :
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ClientSampleId :

Quant Time: Jun 02 01:15:04 2020
Quant Method : Z:\V0ASRV\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





#3

Chloromethane

Concen: 0.094 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016401.D

Acq: 01 Jun 2020 10:48

Instrument :

MSVOA_V

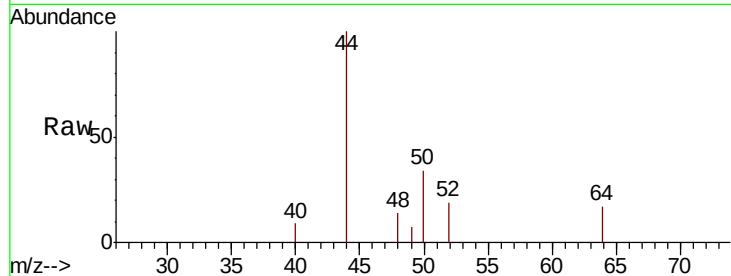
ClientSampled :

Tot Ion: 50 Resp: 687

Ion Ratio Lower Upper

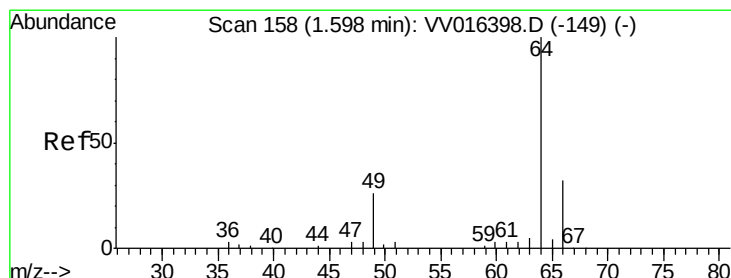
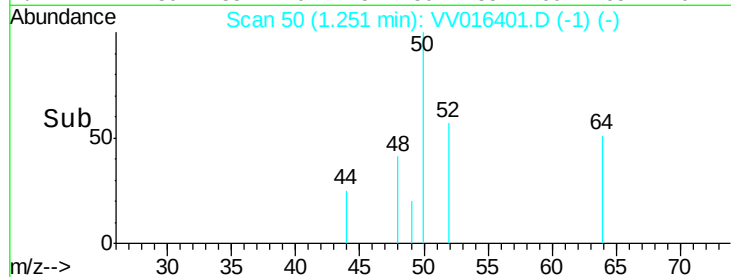
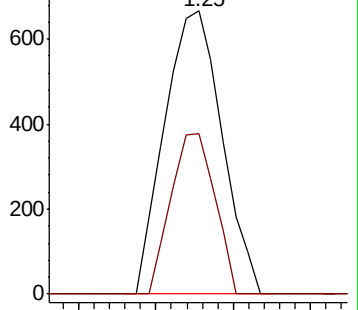
50 100

52 56.9 23.1 42.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.267 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV016401.D

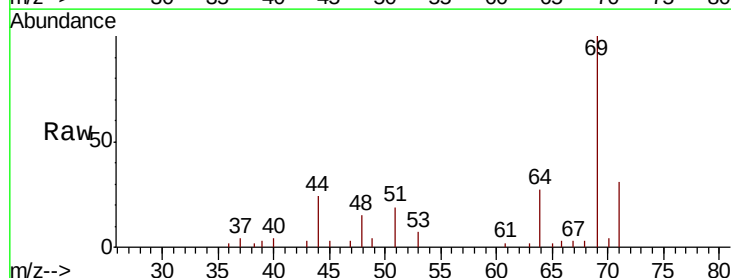
Acq: 01 Jun 2020 10:48

Tgt Ion: 64 Resp: 1047

Ion Ratio Lower Upper

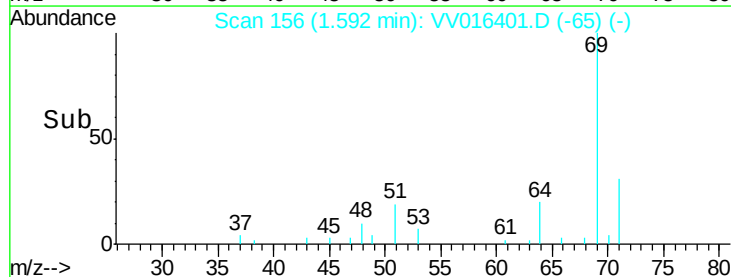
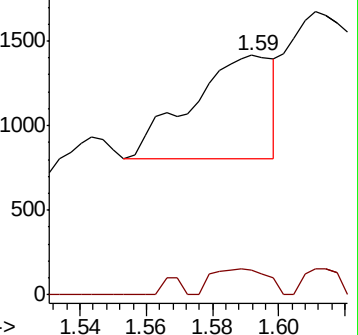
64 100

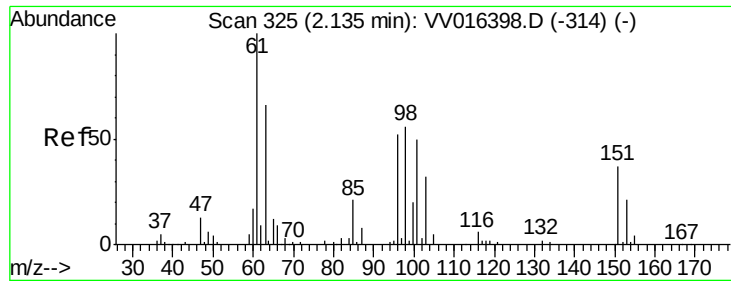
66 10.1 23.4 43.6#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

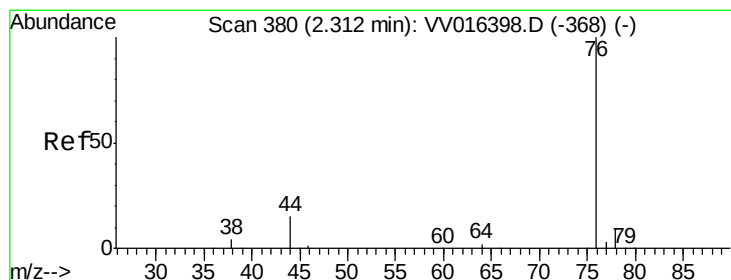
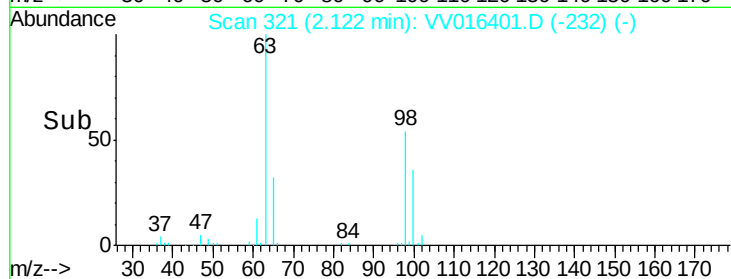
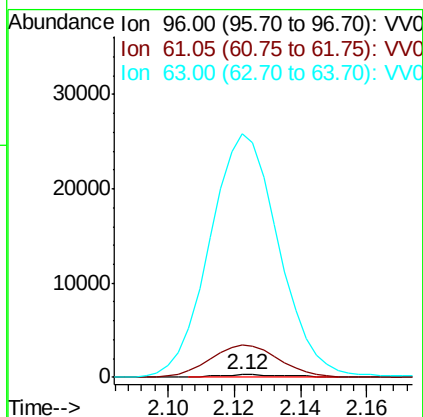
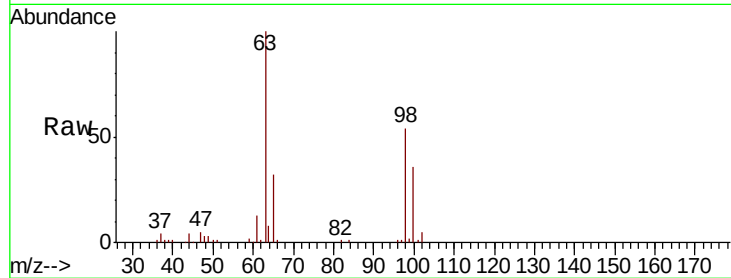




#12
 1,1-Dichloroethene
 Concen: 0.087 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV016401.D
 Acq: 01 Jun 2020 10:48

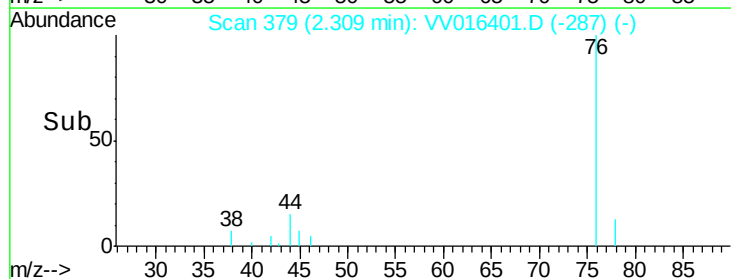
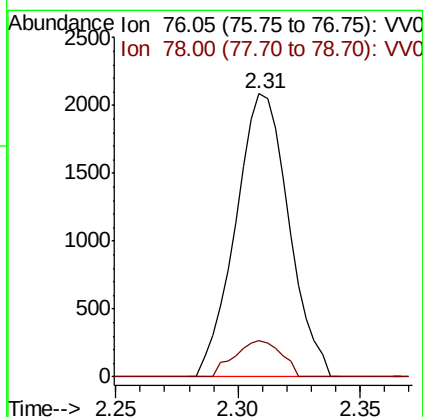
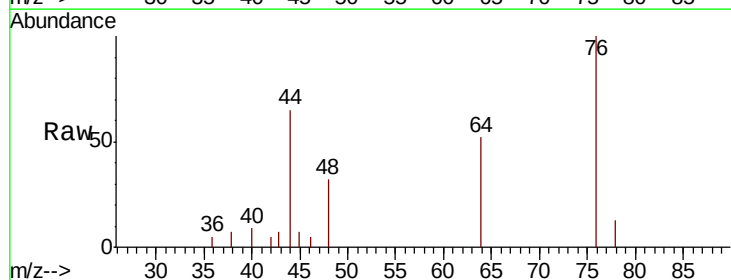
Instrument :
 MSVOA_V
 ClientSampleId :

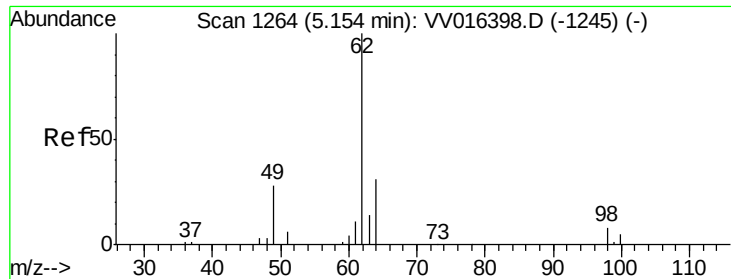
Tot Ion: 96 Resp: 406
 Ion Ratio Lower Upper
 96 100
 61 1306.4 125.4 233.0#
 63 9747.9 88.2 163.8#



#14
 Carbon disulfide
 Concen: 0.221 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VV016401.D
 Acq: 01 Jun 2020 10:48

Tgt Ion: 76 Resp: 3157
 Ion Ratio Lower Upper
 76 100
 78 12.8 6.8 10.2#





#27

1,2-Dichloroethane

Concen: 0.067 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.07 min

Lab File: VV016401.D

Acq: 01 Jun 2020 10:48

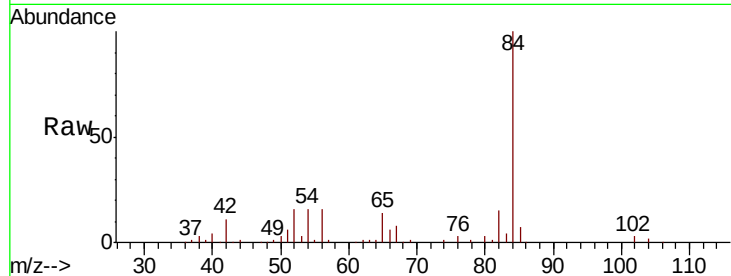
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 436

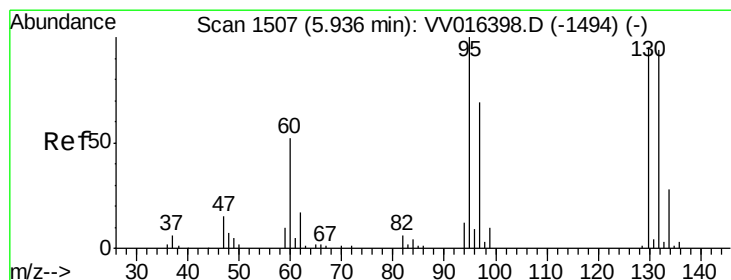
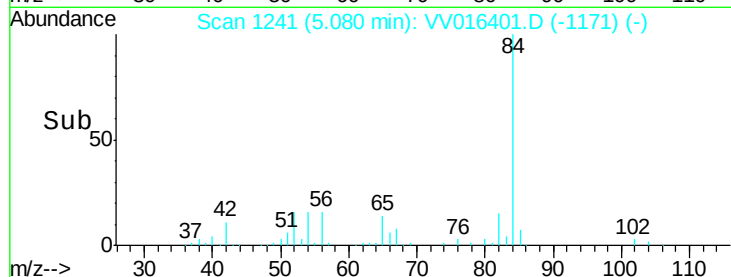
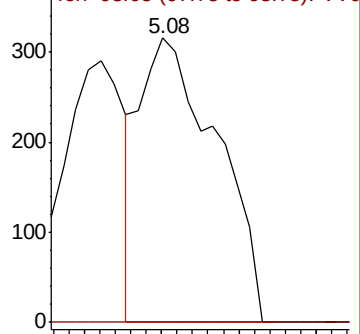
Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VV016401.D (-1171) (-)



#34

Trichloroethene

Concen: 0.247 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016401.D

Acq: 01 Jun 2020 10:48

Tgt Ion: 95 Resp: 1360

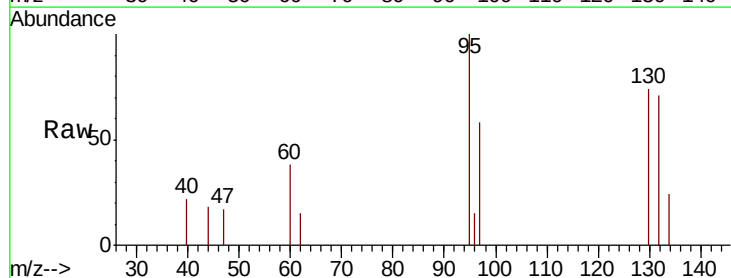
Ion Ratio Lower Upper

95 100

97 57.6 42.6 79.0

132 70.9 59.6 110.8

130 73.8 64.8 120.4

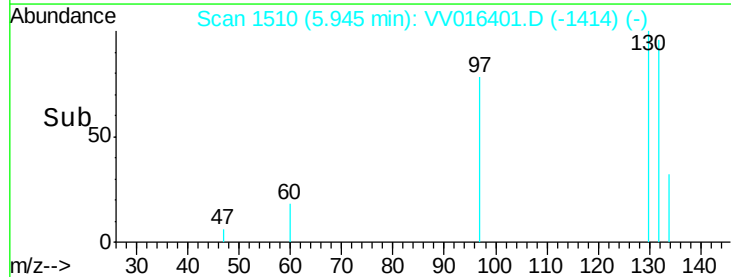
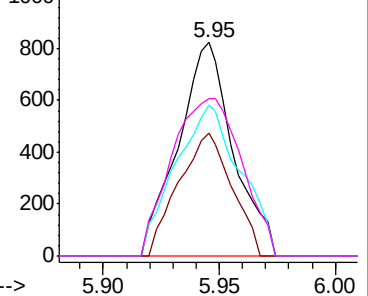


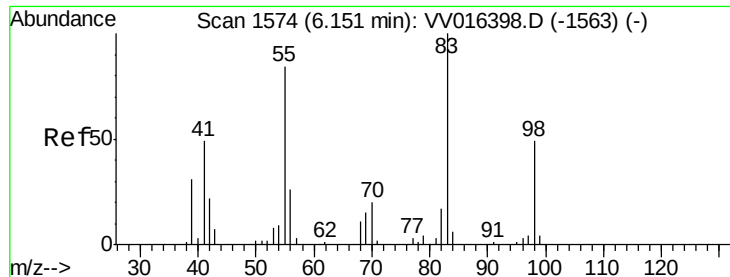
Abundance Ion 95.00 (94.70 to 95.70): VV016401.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV016401.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV016401.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV016401.D (-1414) (-)

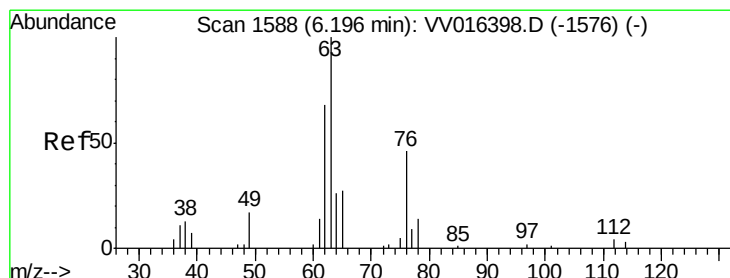
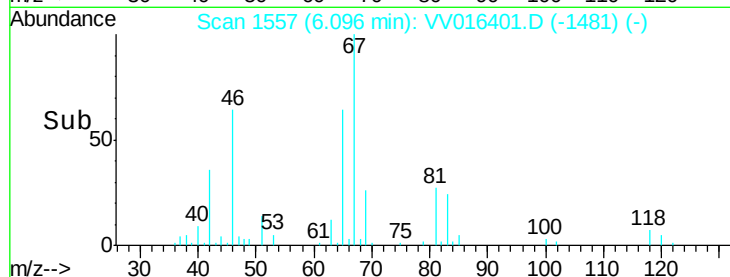
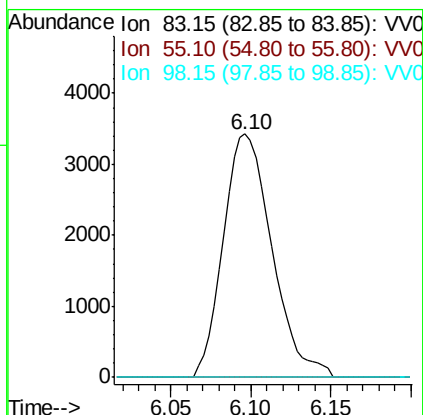
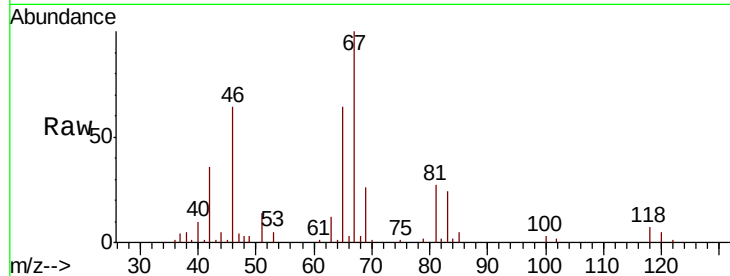




#35
Methylvlcyclohexane
Concen: 0.805 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016401.D
Acq: 01 Jun 2020 10:48

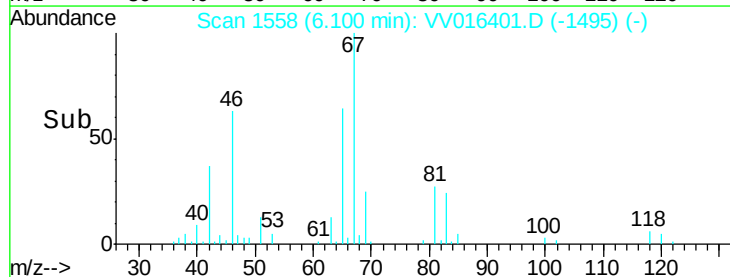
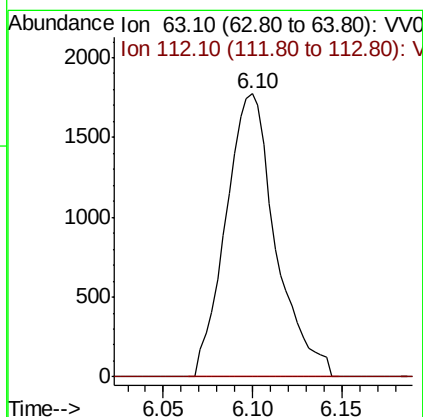
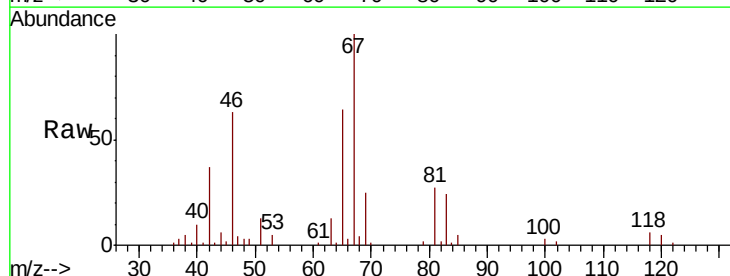
Instrument :
MSVOA_V
ClientSampleId :

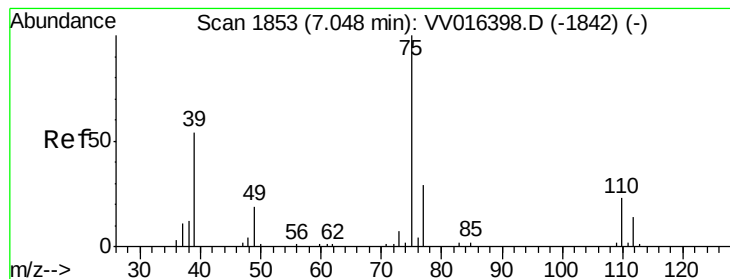
Tot Ion: 83 Resp: 7134
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016401.D
Acq: 01 Jun 2020 10:48

Tgt Ion: 63 Resp: 3454
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



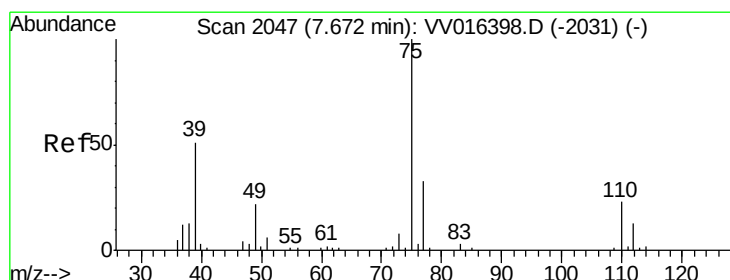
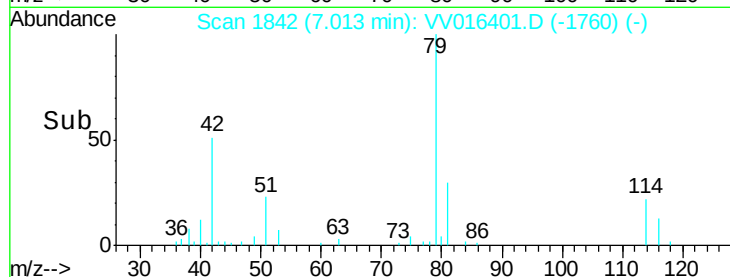
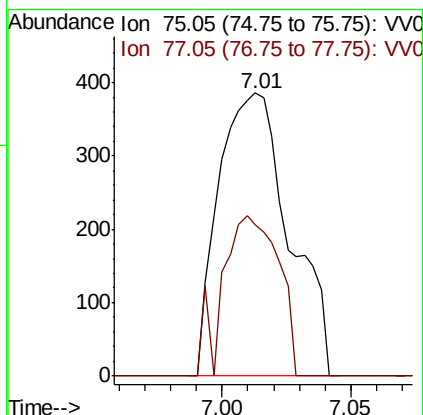
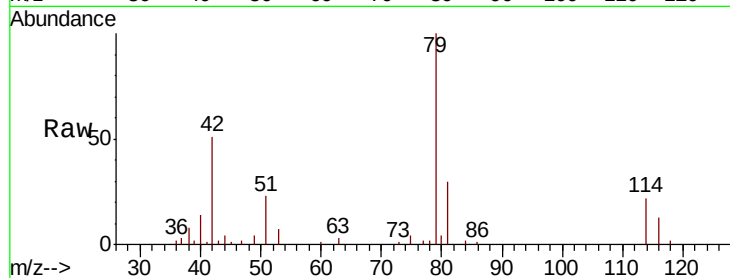


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016401.D
Acq: 01 Jun 2020 10:48

Instrument :
MSVOA_V
ClientSampled :

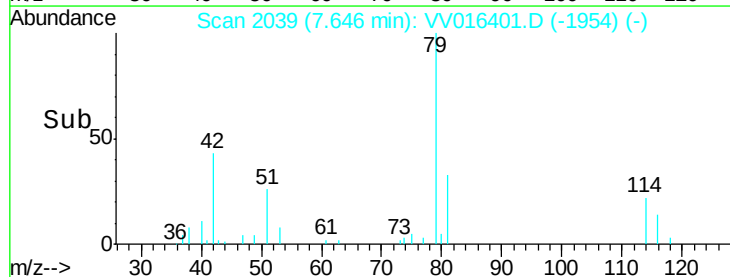
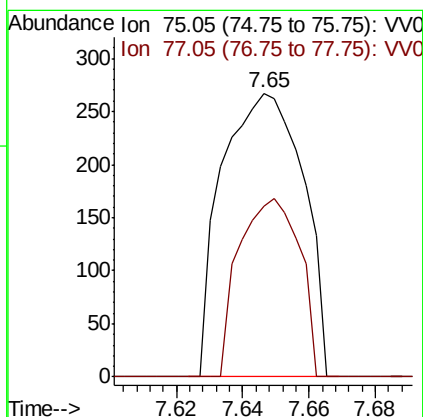
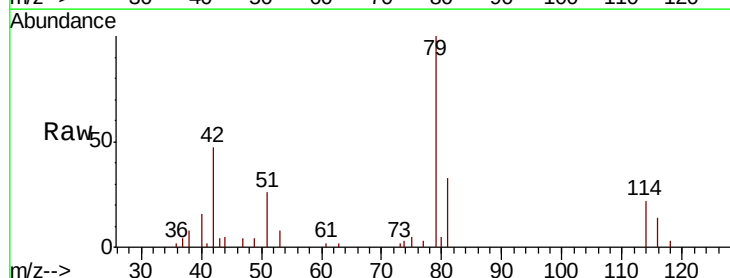
Tot Ion: 75 Resp: 736
Ion Ratio Lower Upper
75 100
77 53.4 22.0 41.0#

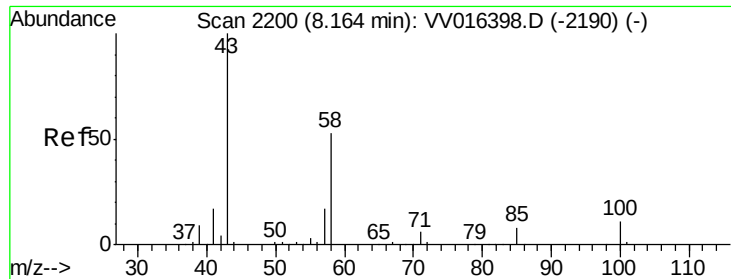


#46

trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016401.D
Acq: 01 Jun 2020 10:48

Tgt Ion: 75 Resp: 455
Ion Ratio Lower Upper
75 100
77 60.3 21.1 39.3#

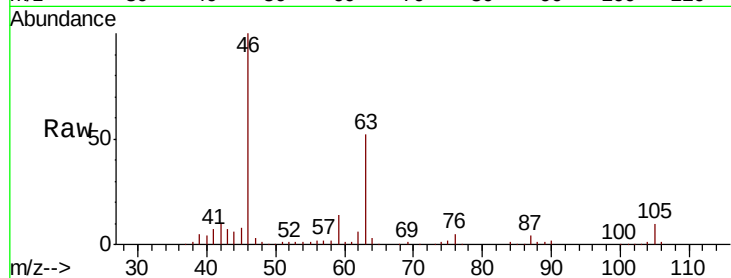




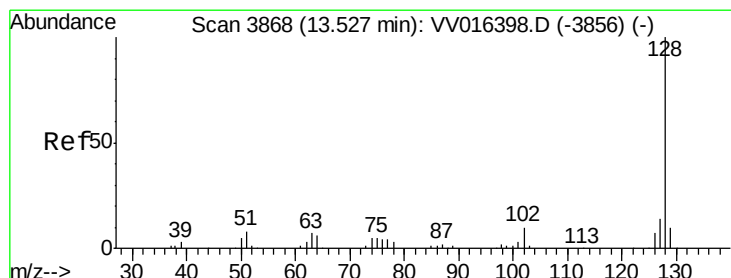
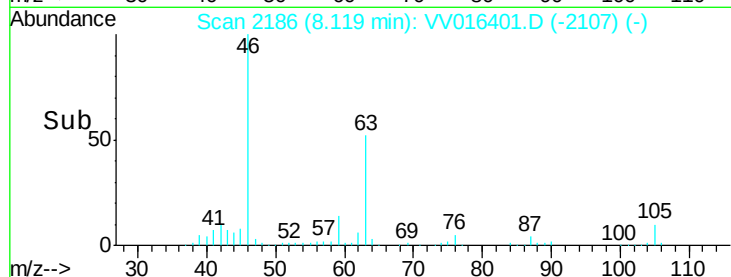
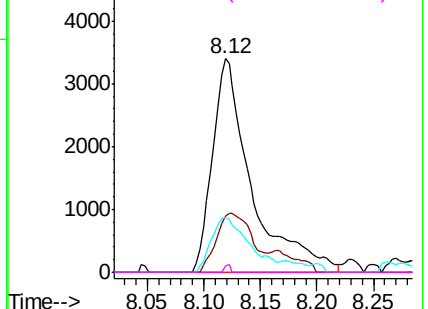
#50
2-Hexanone
Concen: 3.652 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016401.D
Acq: 01 Jun 2020 10:48

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
58 25.7 41.1 61.7#
57 25.0 14.2 21.4#
100 0.5 8.8 13.2#

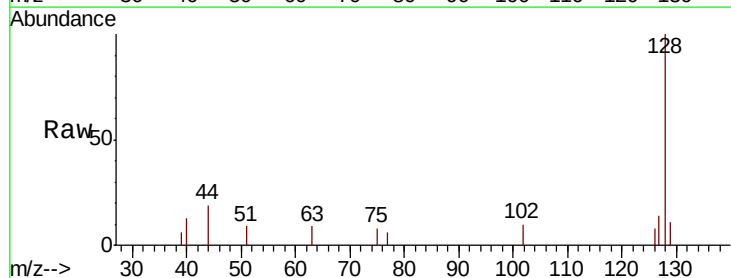


Abundance Ion 43.05 (42.75 to 43.75): VV016401.D (-2186) (-)
Ion 58.05 (57.75 to 58.75): VV016401.D (-2186) (-)
Ion 57.20 (56.90 to 57.90): VV016401.D (-2186) (-)
Ion 100.15 (99.85 to 100.85): VV016401.D (-2186) (-)



#70
Naphthalene
Concen: 0.212 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016401.D
Acq: 01 Jun 2020 10:48

Tgt Ion: 128 Resp: 2900
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): VV016401.D (-3856) (-)
Ion 129.00 (128.70 to 129.70): VV016401.D (-3856) (-)
Ion 127.00 (126.70 to 127.70): VV016401.D (-3856) (-)

