

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016222.D
 Acq On : 27 May 2020 12:49
 Operator : SY/MD
 Sample : L2754-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:20:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	98198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	95330	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43754	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26602	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	24435	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	38011	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.95	46	69871	44.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.32%
24) Chloroform-d	4.38	84	54273	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.06	65	29508	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.08	84	105563	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.10	67	32566	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	93281	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
45) trans-1,3-Dichloropropene-	7.65	79	11097	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.12	63	51096	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22397	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32842	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
8) Chloroethane	1.61	64	752	0.157 ug/L #	42
13) Acetone	2.21	43	1171	1.209 ug/L	78
14) Carbon disulfide	2.31	76	1005	0.056 ug/L #	66
21) 2-Butanone	4.12	43	46651	27.081 ug/L #	57
22) cis-1,2-Dichloroethene	3.94	96	2493	0.333 ug/L	98
34) Trichloroethene	5.94	95	4247	0.594 ug/L	94
35) Methylcyclohexane	6.10	83	7734	0.642 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	4017	0.597 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1078	0.113 ug/L #	69
42) Toluene	7.42	91	3381	0.113 ug/L	94
46) trans-1,3-Dichloropropene	7.64	75	524	0.066 ug/L #	74
49) Tetrachloroethene	8.00	164	7381	1.439 ug/L	97
50) 2-Hexanone	8.12	43	6582	2.255 ug/L #	76
51) Dibromochloromethane	8.00	129	7496	1.599 ug/L #	10
70) Naphthalene	13.53	128	2531	0.140 ug/L	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration

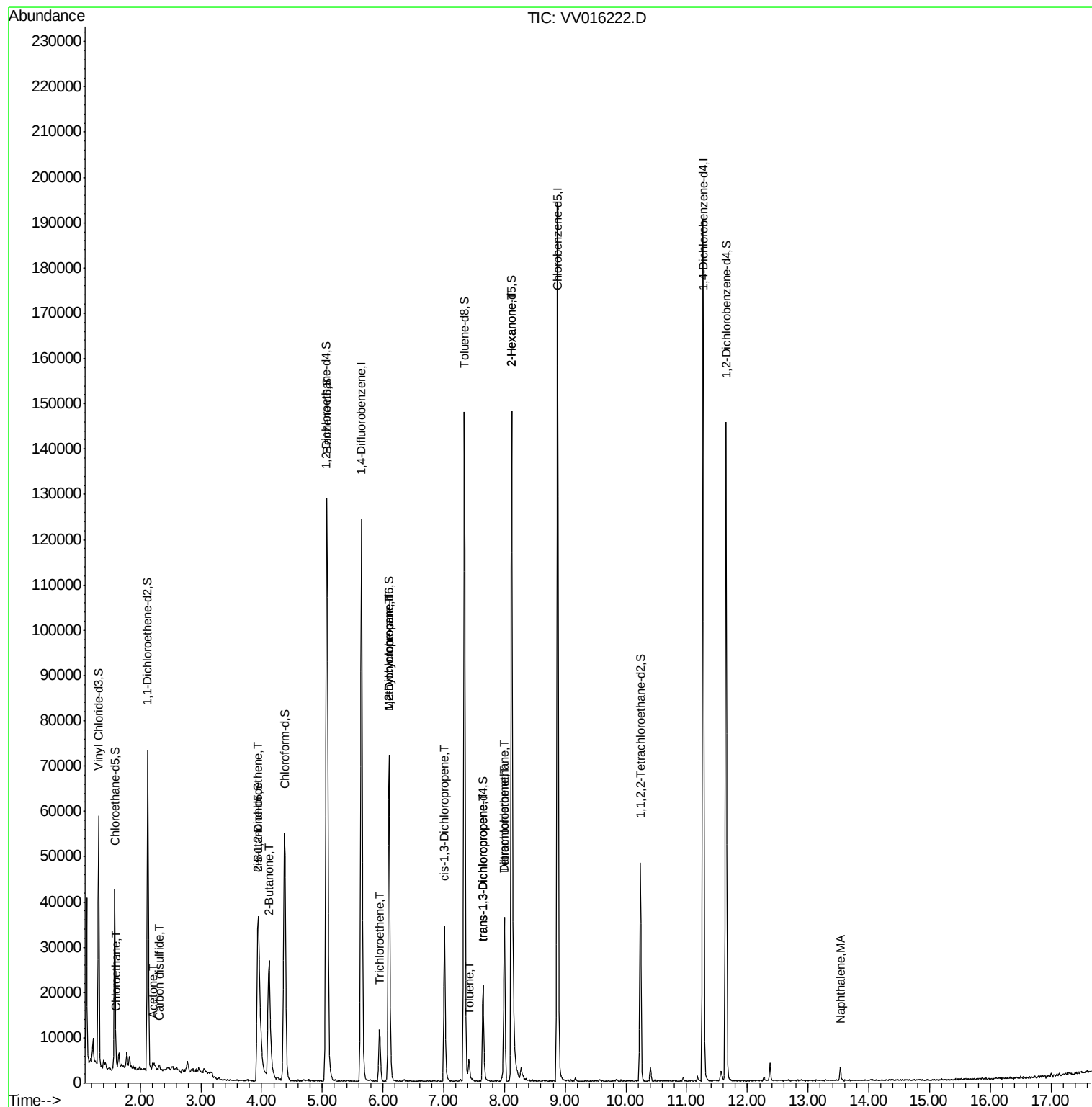
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

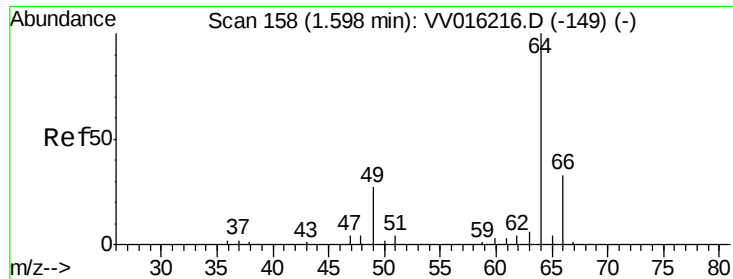
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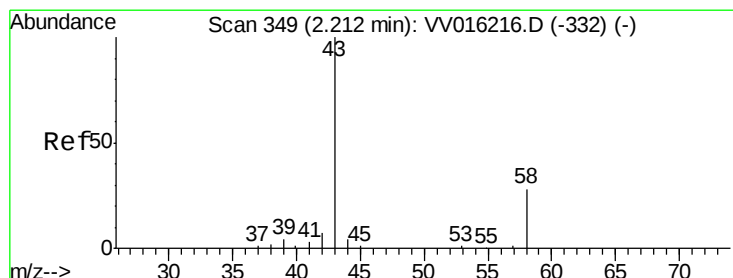
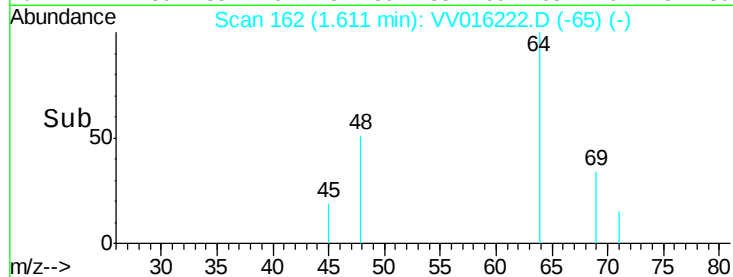
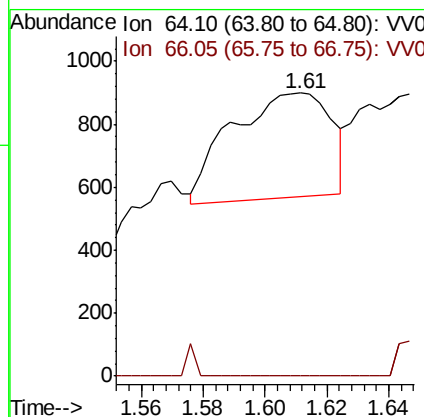
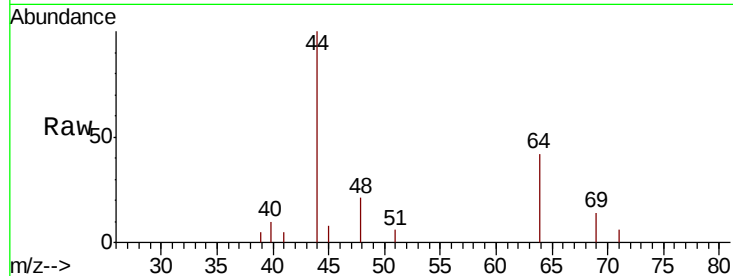




#8
 Chloroethane
 Concen: 0.157 ug/L
 RT: 1.61 min Scan# 162
 Delta R.T. 0.01 min
 Lab File: VV016222.D
 Acq: 27 May 2020 12:49

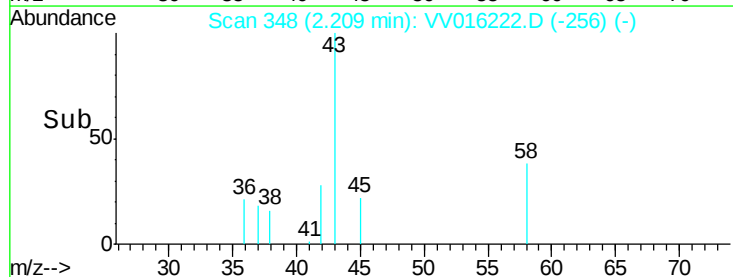
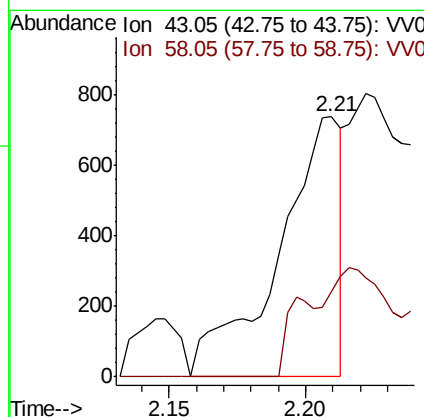
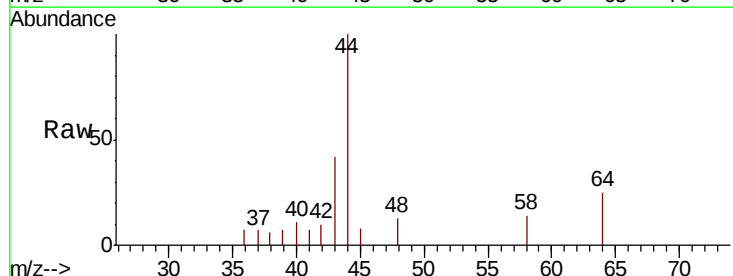
Instrument :
 MSVOA_V
 ClientSampled :

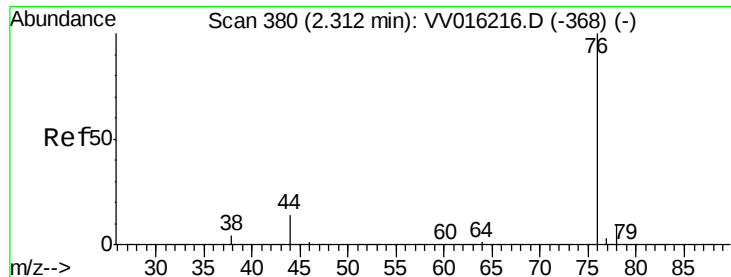
Tot Ion: 64 Resp: 752
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#



#13
 Acetone
 Concen: 1.209 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.00 min
 Lab File: VV016222.D
 Acq: 27 May 2020 12:49

Tgt Ion: 43 Resp: 1171
 Ion Ratio Lower Upper
 43 100
 58 13.5 0.0 48.8





#14

Carbon disulfide

Concen: 0.056 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

Instrument :

MSVOA_V

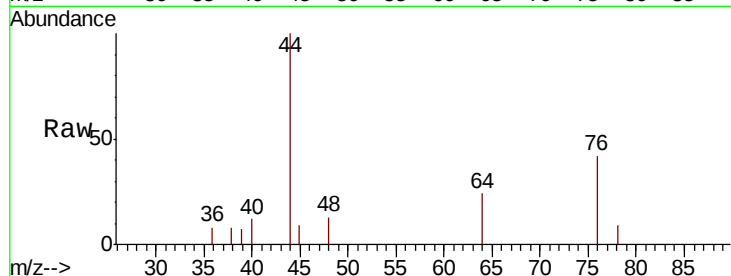
ClientSampled :

Tot Ion: 76 Resp: 1005

Ion Ratio Lower Upper

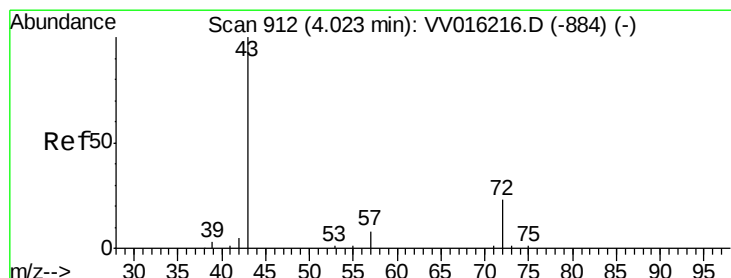
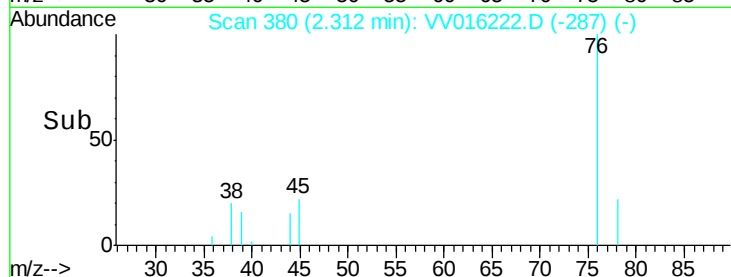
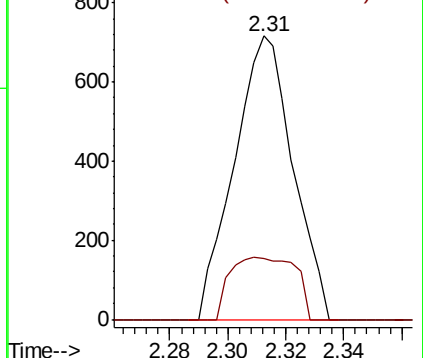
76 100

78 21.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#21

2-Butanone

Concen: 27.081 ug/L

RT: 4.12 min Scan# 943

Delta R.T. 0.10 min

Lab File: VV016222.D

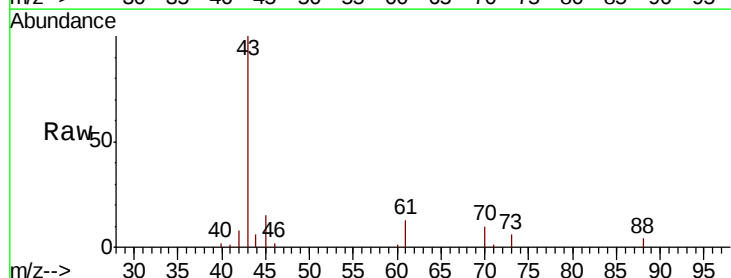
Acq: 27 May 2020 12:49

Tgt Ion: 43 Resp: 46651

Ion Ratio Lower Upper

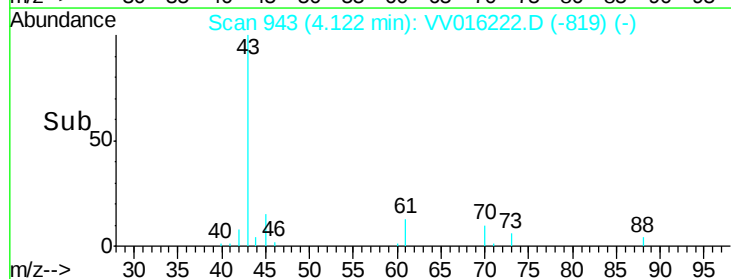
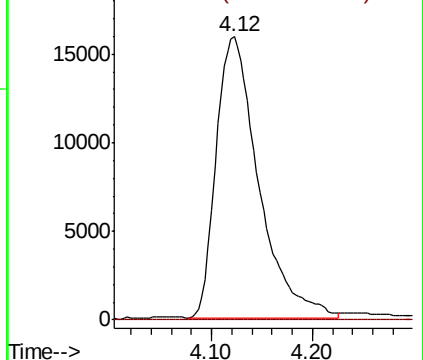
43 100

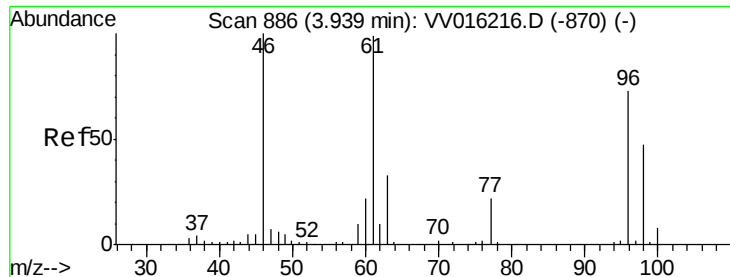
72 0.0 9.7 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



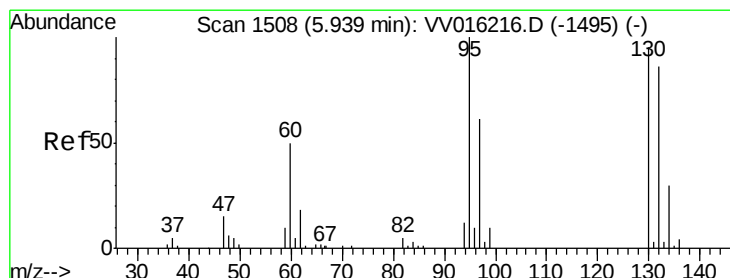
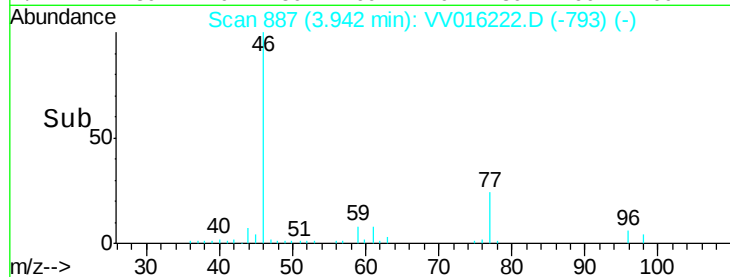
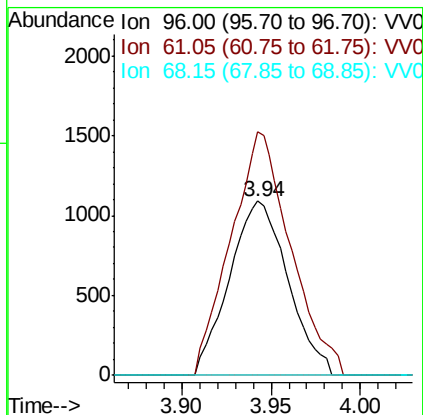
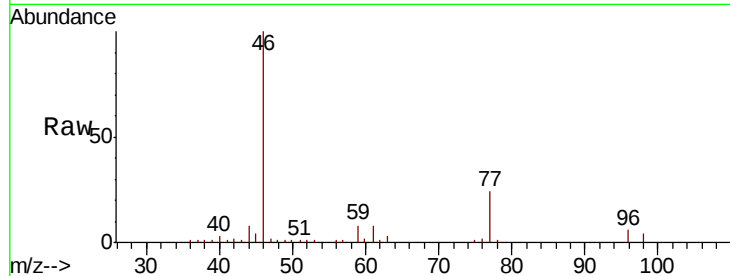


#22

cis-1,2-Dichloroethene
Concen: 0.333 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016222.D
Acq: 27 May 2020 12:49

Instrument :
MSVOA_V
ClientSampleId :

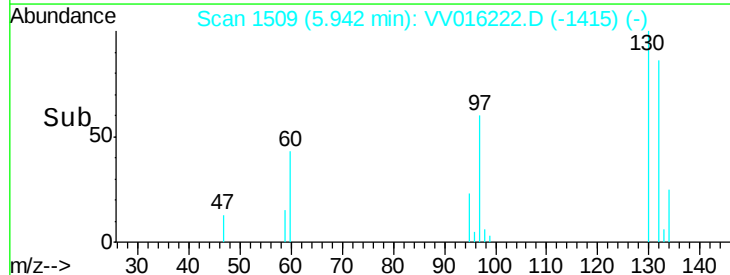
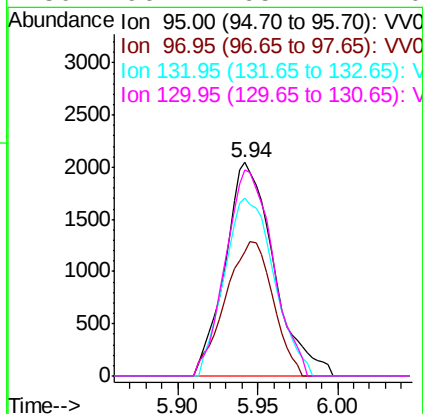
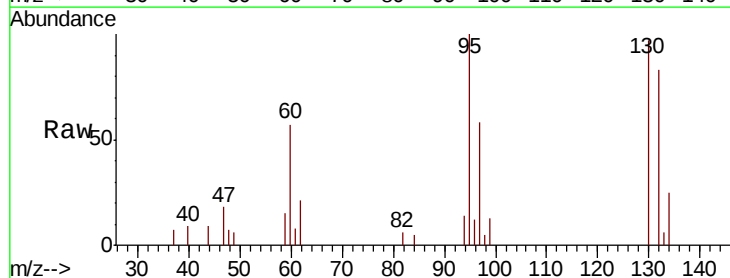
Tot Ion: 96 Resp: 2493
Ion Ratio Lower Upper
96 100
61 139.8 99.7 185.1
68 0.0 0.0 0.0

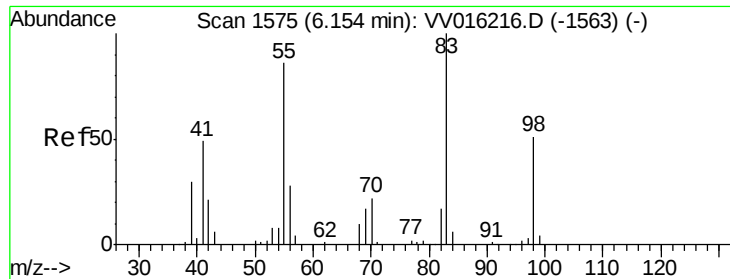


#34

Trichloroethene
Concen: 0.594 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VV016222.D
Acq: 27 May 2020 12:49

Tgt Ion: 95 Resp: 4247
Ion Ratio Lower Upper
95 100
97 58.4 43.6 81.0
132 83.1 63.9 118.7
130 96.7 65.2 121.0

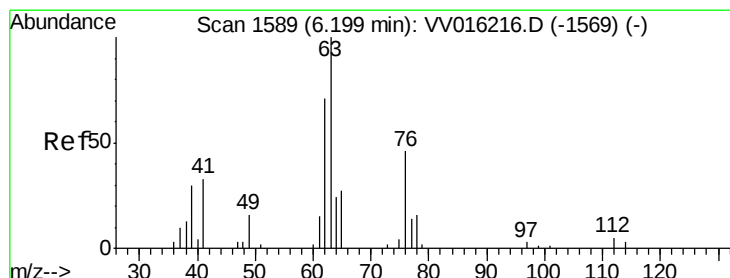
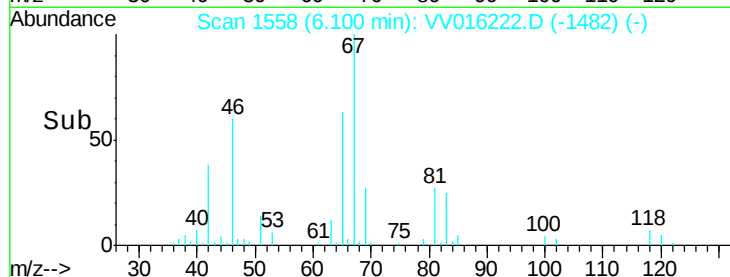
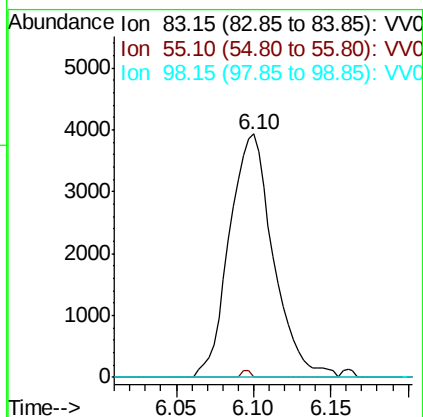
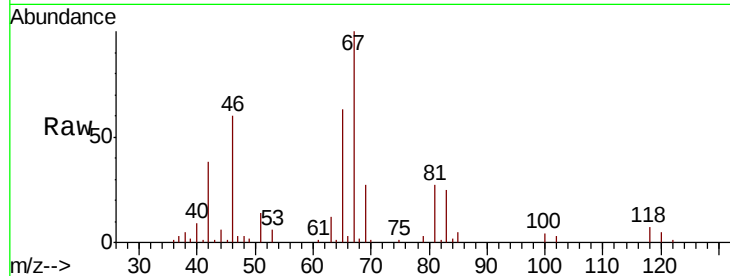




#35
Methvlcvclohexane
Concen: 0.642 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV016222.D
Acq: 27 May 2020 12:49

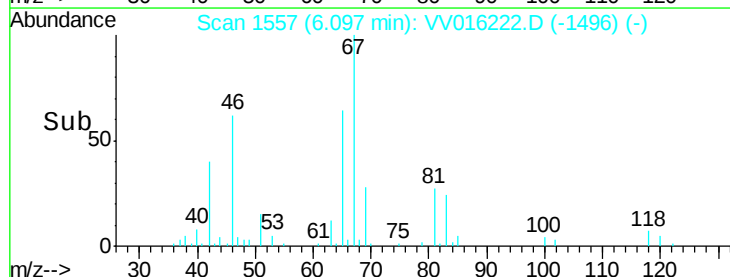
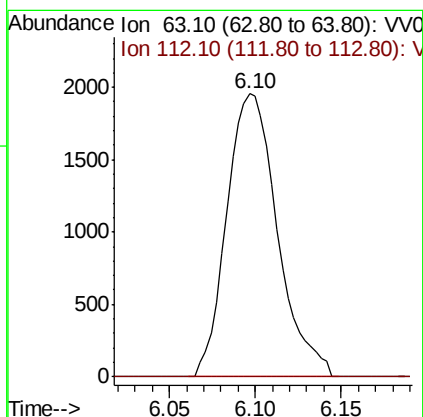
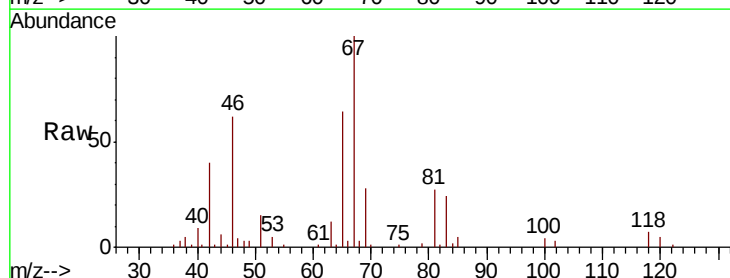
Instrument :
MSVOA_V
ClientSampleId :

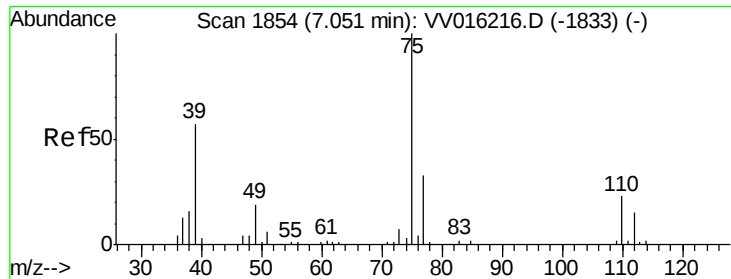
Tot Ion: 83 Resp: 7734
Ion Ratio Lower Upper
83 100
55 0.5 65.4 98.0#
98 3.6 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016222.D
Acq: 27 May 2020 12:49

Tgt Ion: 63 Resp: 4017
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

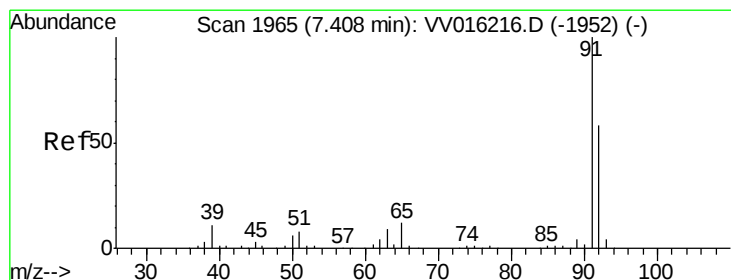
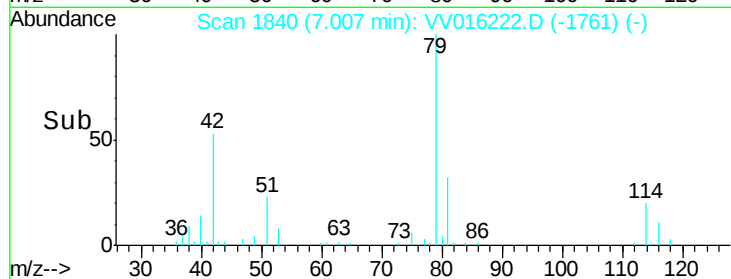
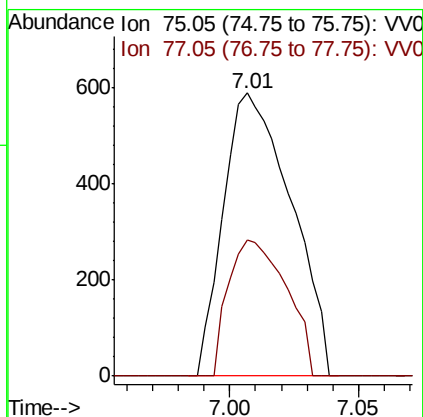
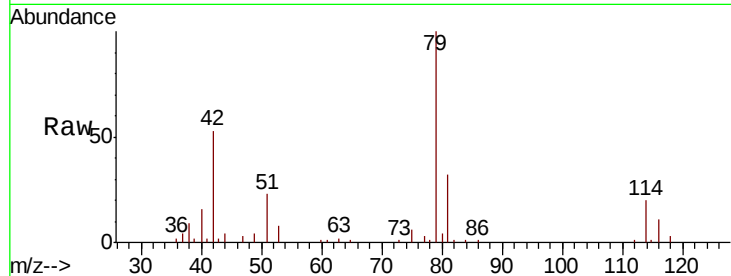




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016222.D
 Acq: 27 May 2020 12:49

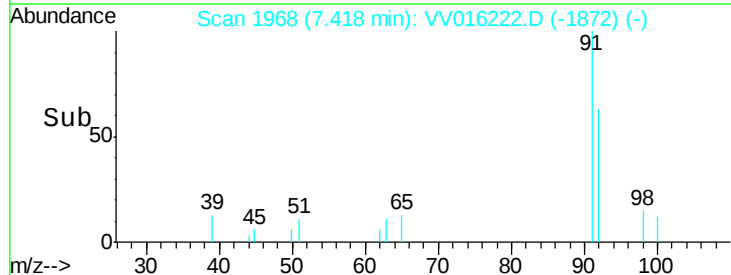
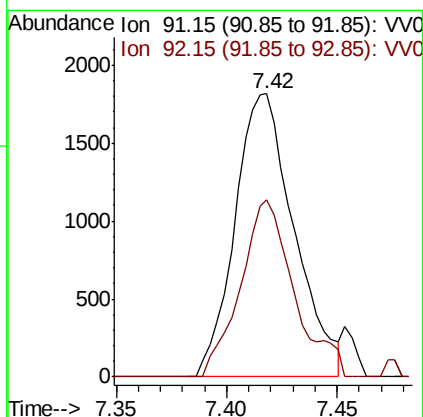
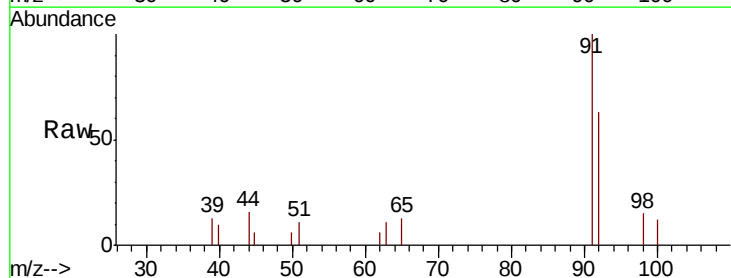
Instrument :
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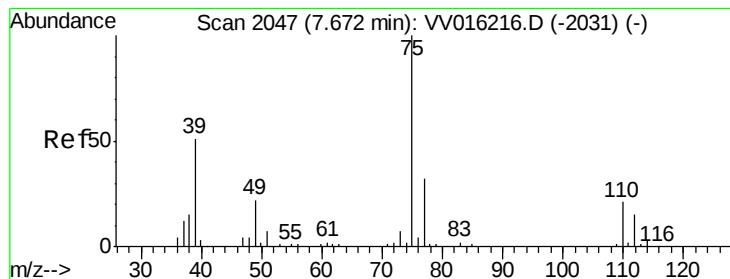
Tot Ion: 75 Resp: 1078
 Ion Ratio Lower Upper
 75 100
 77 48.0 21.7 40.3#



#42
 Toluene
 Concen: 0.113 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV016222.D
 Acq: 27 May 2020 12:49

Tgt Ion: 91 Resp: 3381
 Ion Ratio Lower Upper
 91 100
 92 62.7 40.9 76.0





#46

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

Instrument :

MSVOA_V

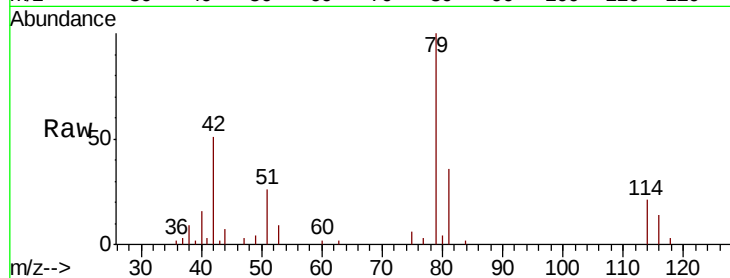
ClientSampleId :

Tot Ion: 75 Resp: 524

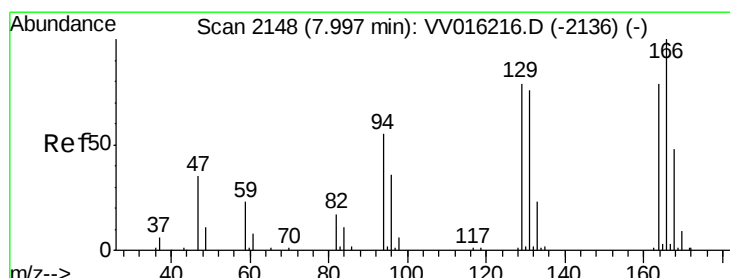
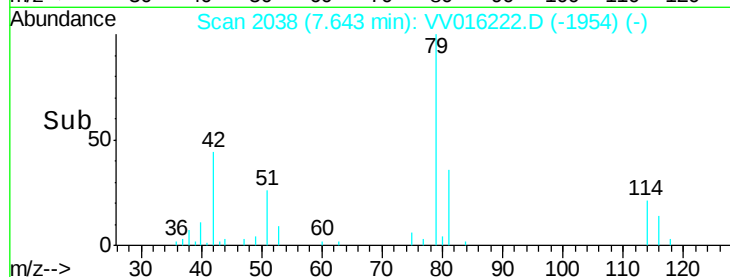
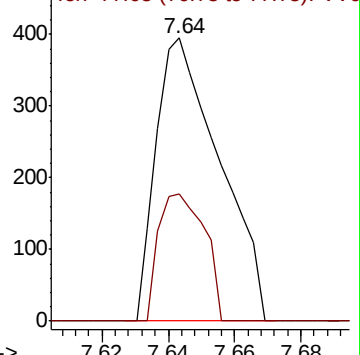
Ion Ratio Lower Upper

75 100

77 45.1 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV016222.D (-1954) (-)



#49

Tetrachloroethene

Concen: 1.439 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

Tgt Ion: 164 Resp: 7381

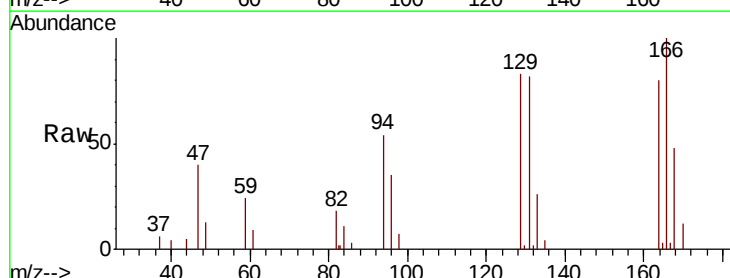
Ion Ratio Lower Upper

164 100

129 103.2 70.7 131.3

131 102.7 66.6 123.8

166 124.9 86.9 161.5

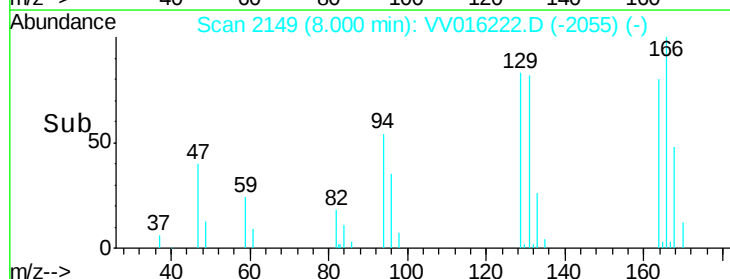
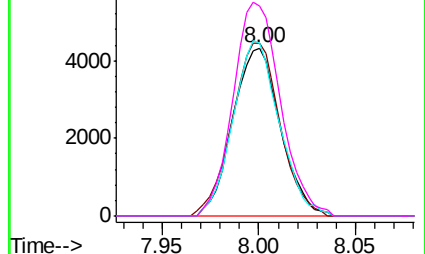


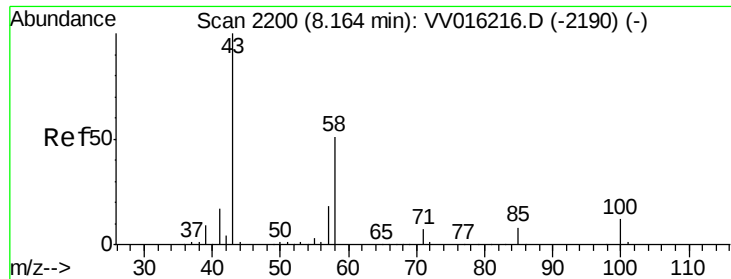
Abundance Ion 163.90 (163.60 to 164.60): VV016222.D (-2055) (-)

Ion 128.95 (128.65 to 129.65): VV016222.D (-2055) (-)

Ion 130.95 (130.65 to 131.65): VV016222.D (-2055) (-)

Ion 165.90 (165.60 to 166.60): VV016222.D (-2055) (-)

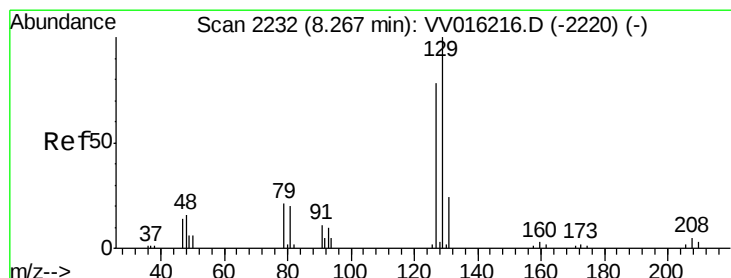
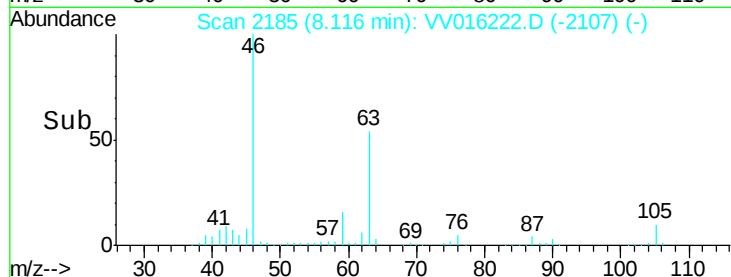
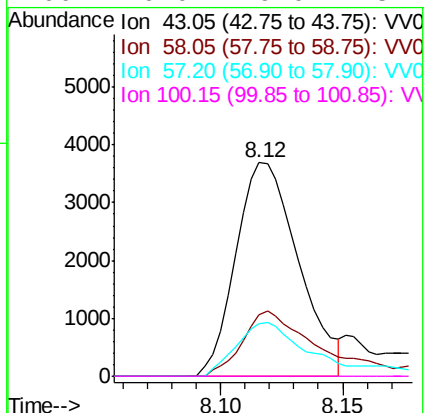
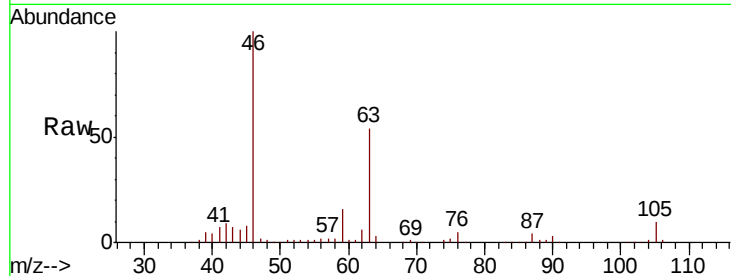




#50
2-Hexanone
Concen: 2.255 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016222.D
Acq: 27 May 2020 12:49

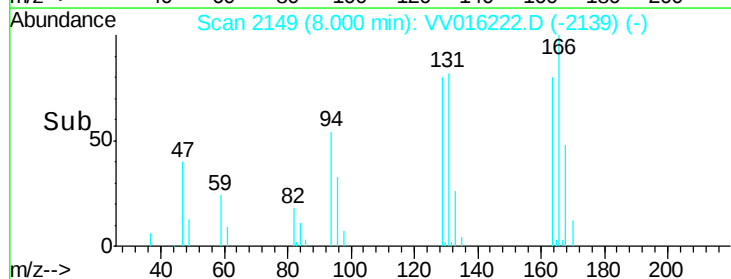
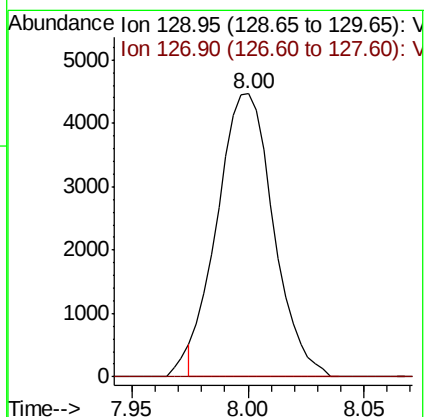
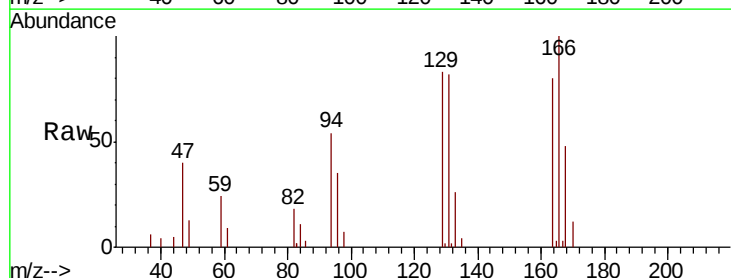
Instrument :
MSVOA_V
ClientSampleId :

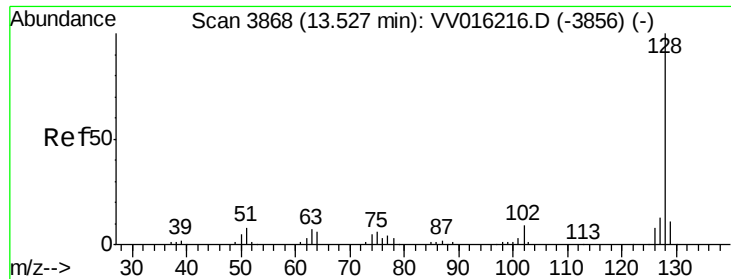
Tot Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
58 36.0 41.4 62.0#
57 30.7 15.0 22.4#
100 0.0 9.0 13.4#



#51
Dibromochloromethane
Concen: 1.599 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016222.D
Acq: 27 May 2020 12:49

Tgt Ion: 129 Resp: 7496
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#70

Naphthalene

Concen: 0.140 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016222.D

Acq: 27 May 2020 12:49

Instrument :

MSVOA_V

ClientSampleId :

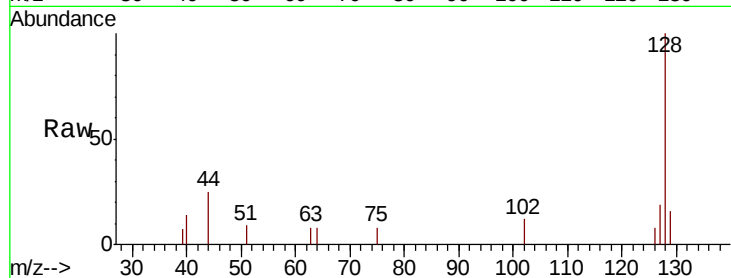
Tot Ion:128 Resp: 2531

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.2 10.6 15.8



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

