

Data File : VV011575.D
Acq On : 18 Jun 2019 15:08
Operator : SY/MD
Sample : K3314-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM47

Quant Time: Jun 19 02:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	59085	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	42901	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.12	63	90686	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.96	46	175289	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	4.40	84	122215	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	71355	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	244517	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.12	67	76259	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	204318	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.67	79	22525	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	132175	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50047	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	66578	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

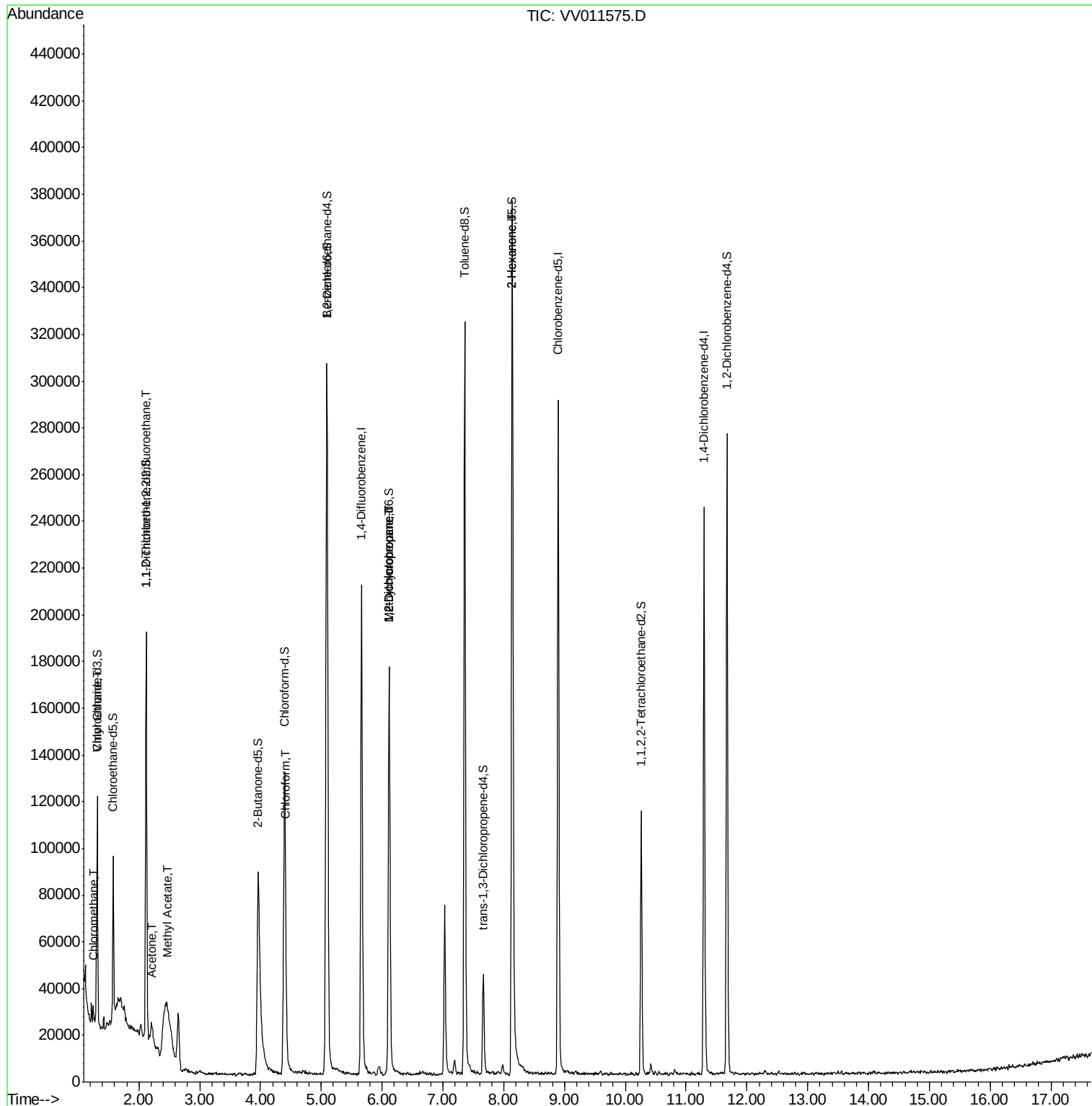
						Qvalue
3) Chloromethane	1.25	50	3663	0.229	ug/L	95
8) Chloroethane	1.32	64	1721	0.225	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	924	0.093	ug/L #	23
13) Acetone	2.22	43	7182	3.036	ug/L	72
15) Methyl Acetate	2.46	43	2917	0.465	ug/L #	62
25) Chloroform	4.42	83	2205	0.091	ug/L	93
35) Methylcyclohexane	6.12	83	19023	1.085	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9755	0.760	ug/L #	87
48) 2-Hexanone	8.14	43	18536	2.883	ug/L #	69

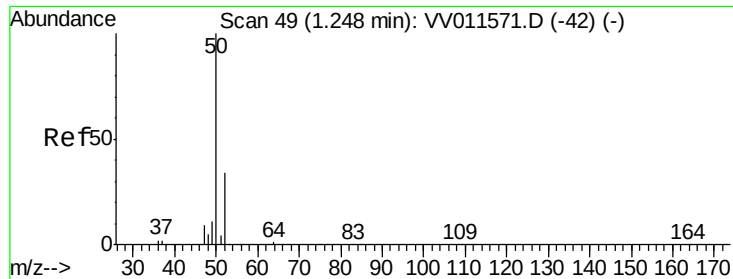
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.229 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 18 Jun 2019 15:08

Instrument :

MSVOA_V

ClientSampleId :

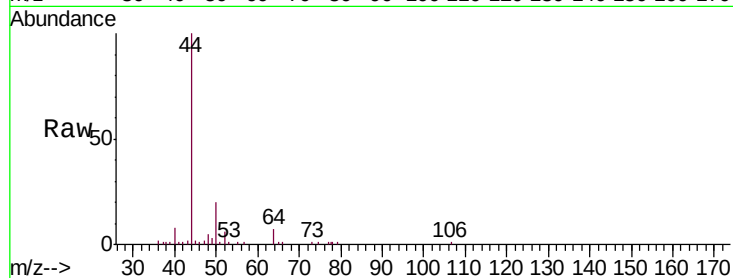
C0M47

Tgt Ion: 50 Resp: 3663

Ion Ratio Lower Upper

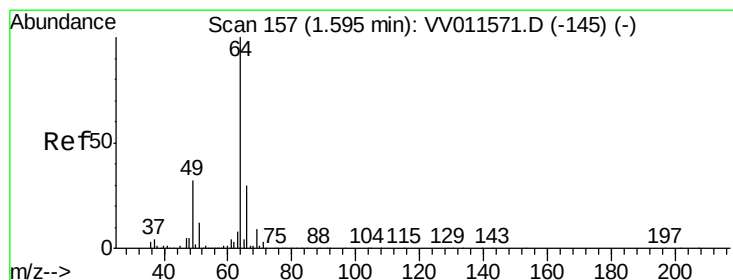
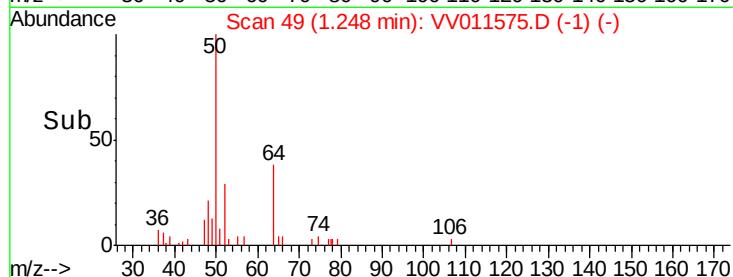
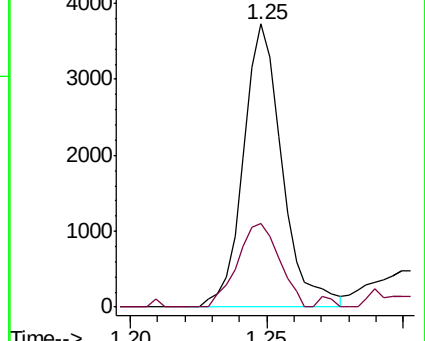
50 100

52 29.4 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.225 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

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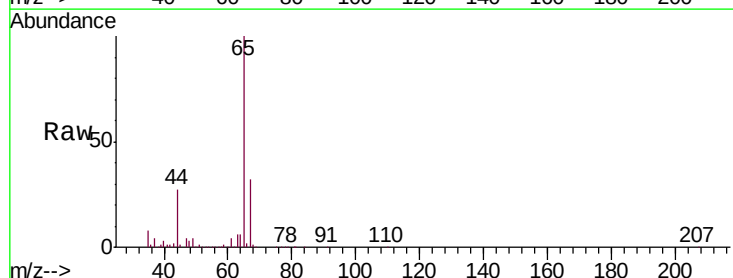
Acq: 18 Jun 2019 15:08

Tgt Ion: 64 Resp: 1721

Ion Ratio Lower Upper

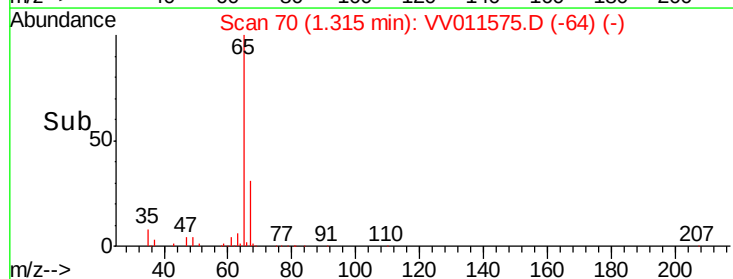
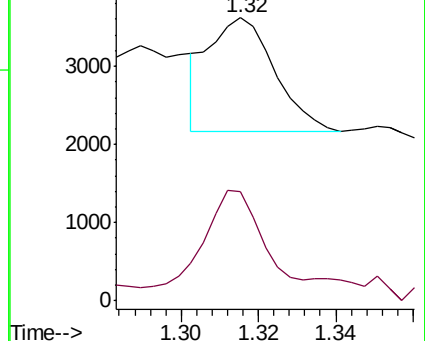
64 100

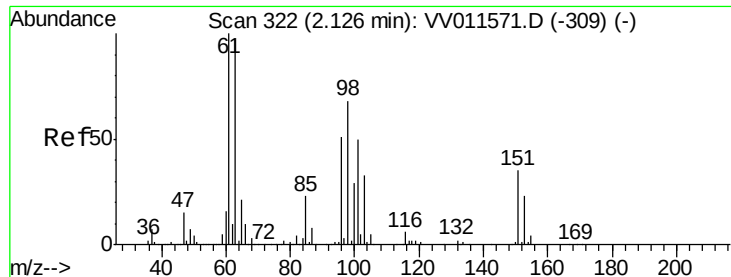
66 38.5 21.6 40.2



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.093 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

COM47

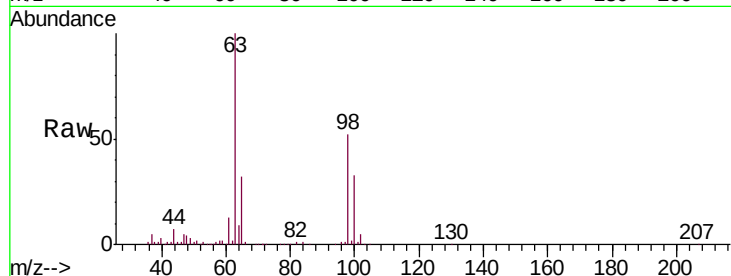
Tgt Ion: 101 Resp: 924

Ion Ratio Lower Upper

101 100

85 7.0 37.3 55.9#

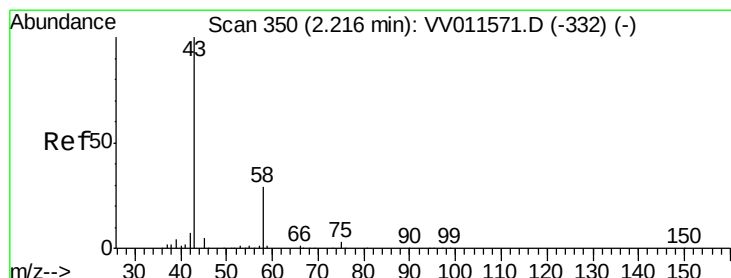
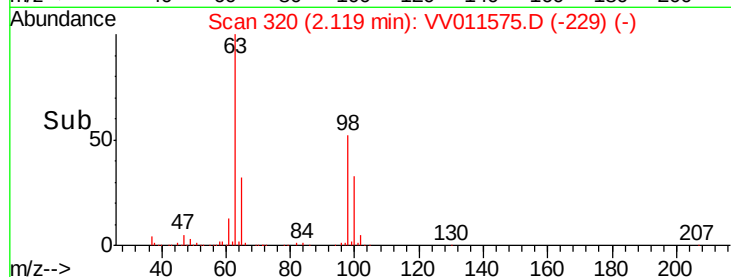
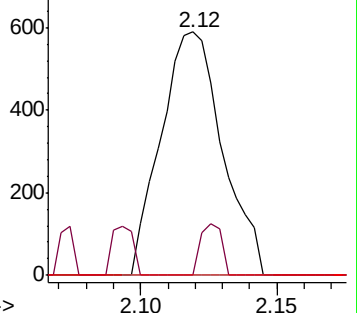
151 0.0 59.4 89.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.036 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV011575.D

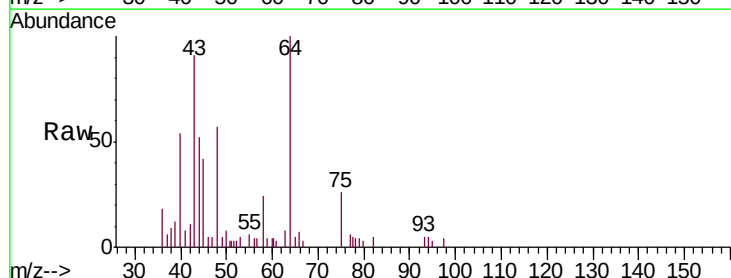
Acq: 18 Jun 2019 15:08

Tgt Ion: 43 Resp: 7182

Ion Ratio Lower Upper

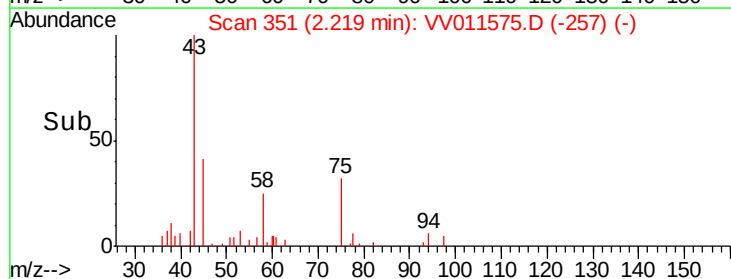
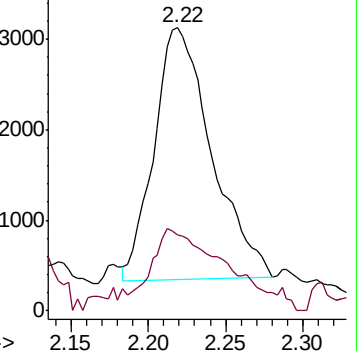
43 100

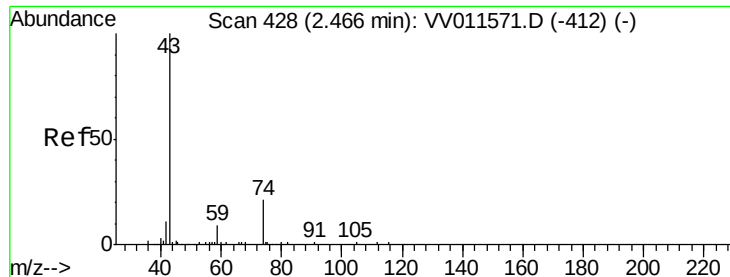
58 43.9 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

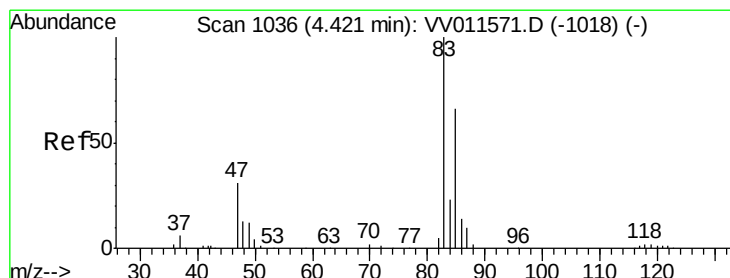
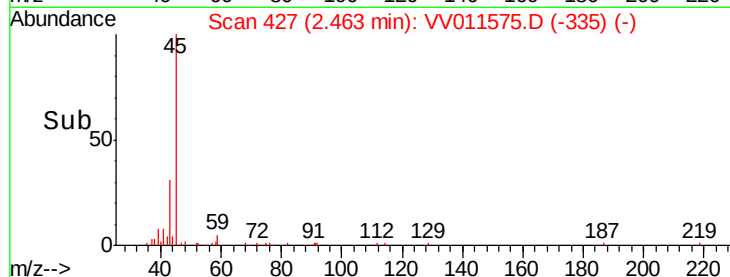
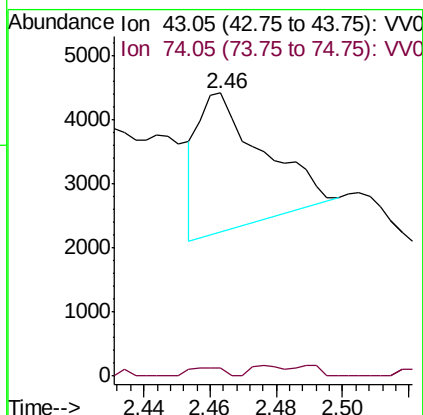
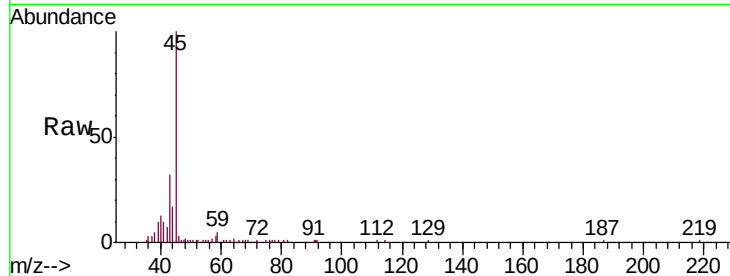




#15
Methyl Acetate
Concen: 0.465 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV011575.D
Acq: 18 Jun 2019 15:08

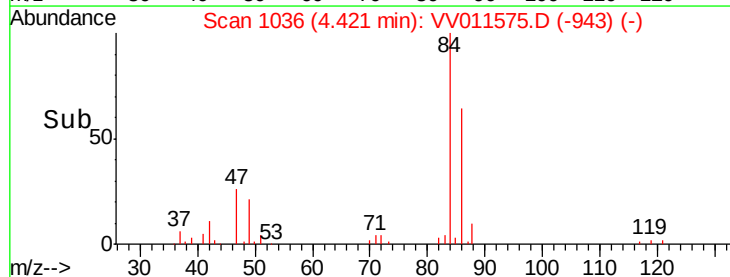
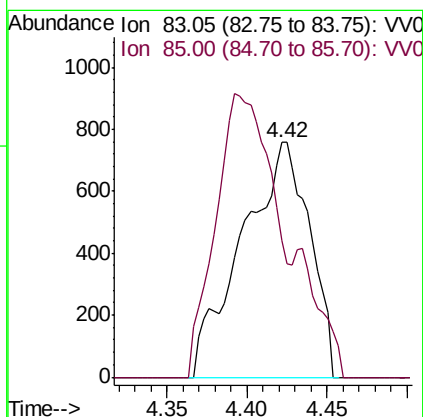
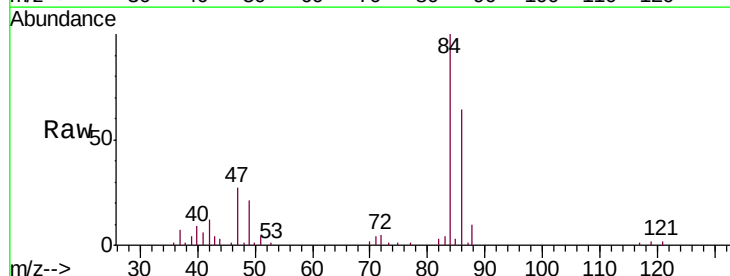
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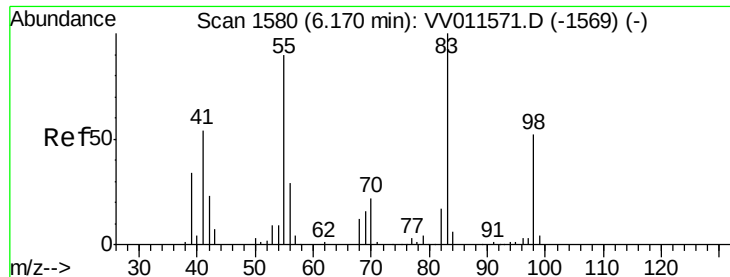
Tgt Ion: 43 Resp: 2917
Ion Ratio Lower Upper
43 100
74 3.2 16.5 24.7#



#25
Chloroform
Concen: 0.091 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011575.D
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Tgt Ion: 83 Resp: 2205
Ion Ratio Lower Upper
83 100
85 58.0 44.6 82.8

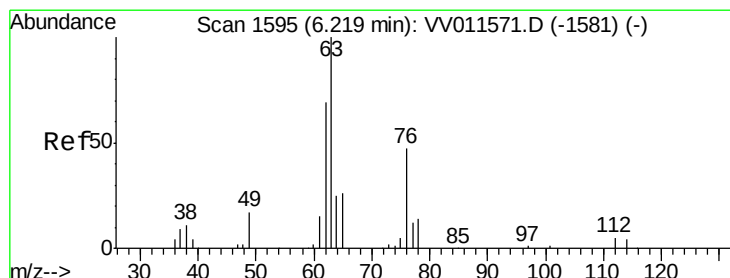
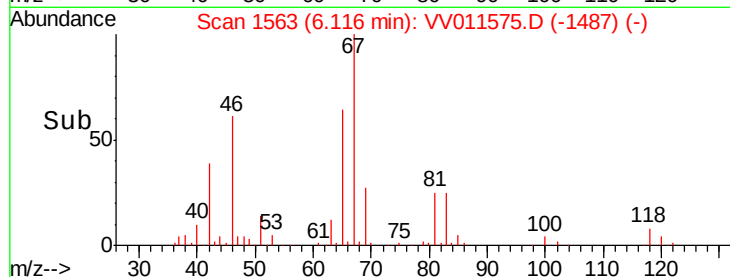
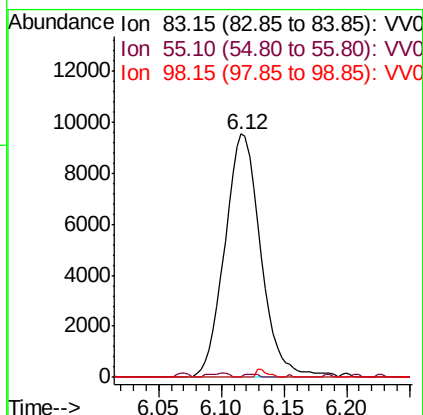
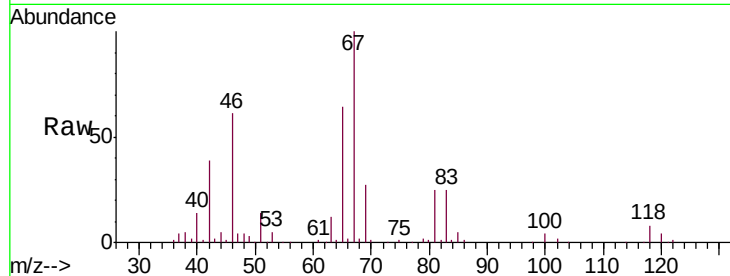




#35
Methylcyclohexane
Concen: 1.085 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011575.D
Acq: 18 Jun 2019 15:08

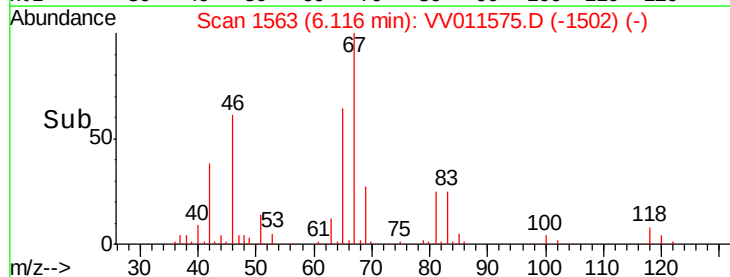
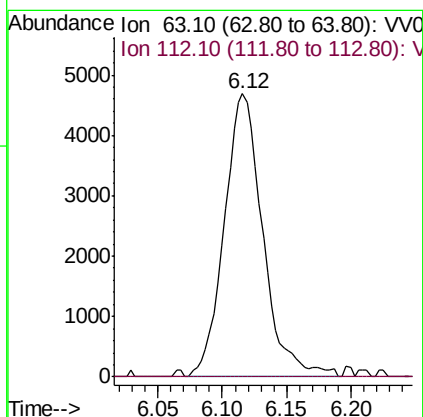
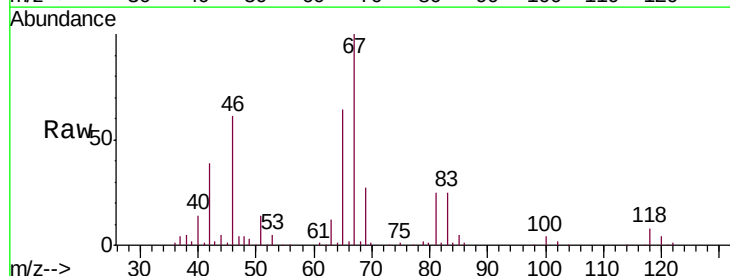
Instrument :
MSVOA_V
ClientSampleId :
COM47

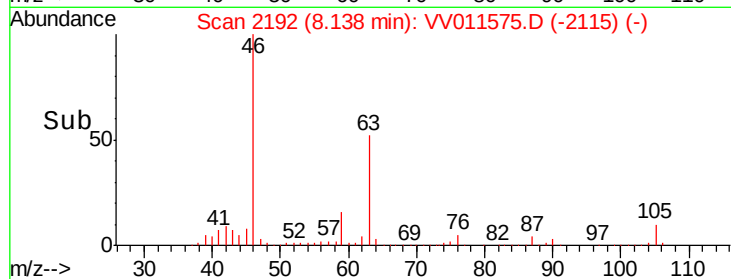
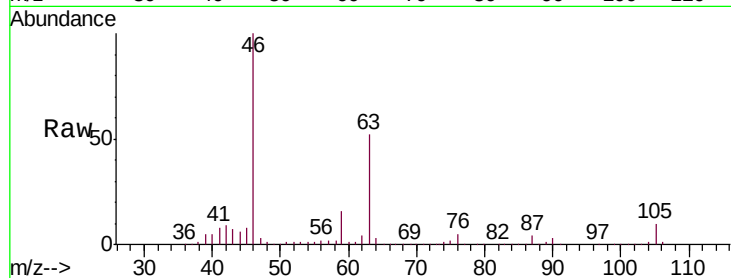
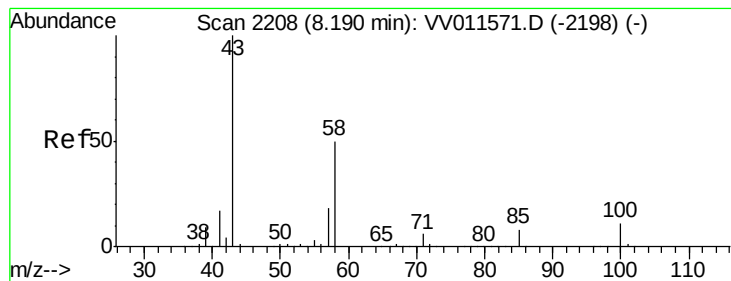
Tgt Ion: 83 Resp: 19023
Ion Ratio Lower Upper
83 100
55 0.5 67.9 101.9#
98 1.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.760 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011575.D
Acq: 18 Jun 2019 15:08

Tgt Ion: 63 Resp: 9755
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#





#48

2-Hexanone

Concen: 2.883 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011575.D

Acq: 18 Jun 2019 15:08

Instrument :
MSVOA_V
ClientSampleId :
COM47

Tgt Ion:	43	Resp:	18536
Ion	Ratio	Lower	Upper
43	100		
58	25.9	40.6	60.8#
57	26.6	14.2	21.4#
100	1.4	8.6	12.8#

