

Data File : VV011520.D
Acq On : 15 Jun 2019 05:12
Operator : SY/MD
Sample : K3314-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM48

Quant Time: Jun 15 05:37:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184200	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60763	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	48213	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.12	63	95017	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.96	46	193910	49.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	4.40	84	124603	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	74292	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	256630	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	78911	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	216285	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	22404	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	150612	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54782	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	70114	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

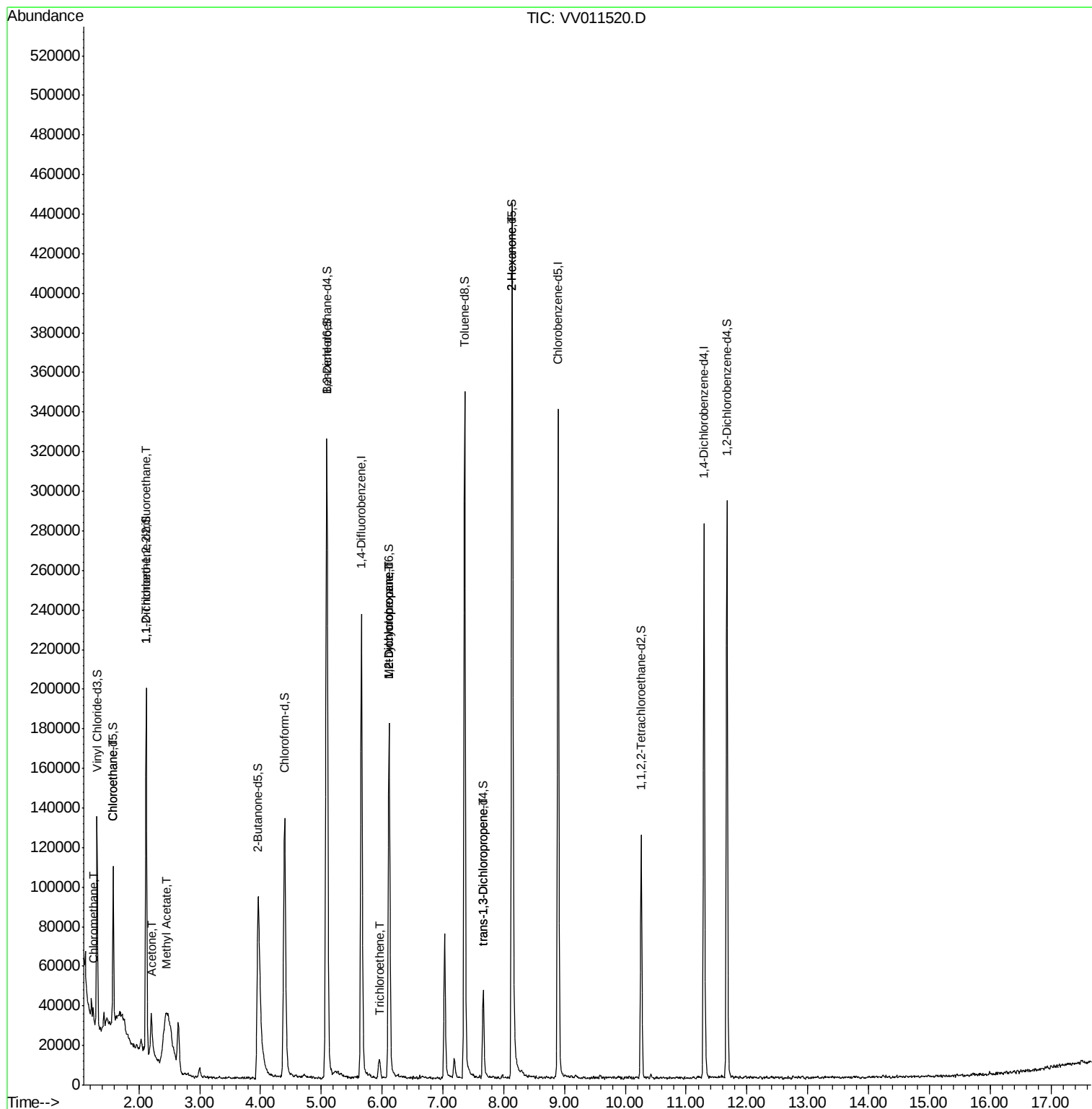
					Qvalue
3) Chloromethane	1.25	50	3338	0.188 ug/L	99
8) Chloroethane	1.58	64	875	0.103 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	963	0.087 ug/L #	20
13) Acetone	2.22	43	11893	4.510 ug/L	80
15) Methyl Acetate	2.45	43	21376	3.058 ug/L #	57
34) Trichloroethene	5.96	95	2641	0.188 ug/L	94
35) Methylcyclohexane	6.12	83	18428	0.918 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	9559	0.651 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1289	0.091 ug/L #	74
48) 2-Hexanone	8.14	43	22071	2.998 ug/L #	67

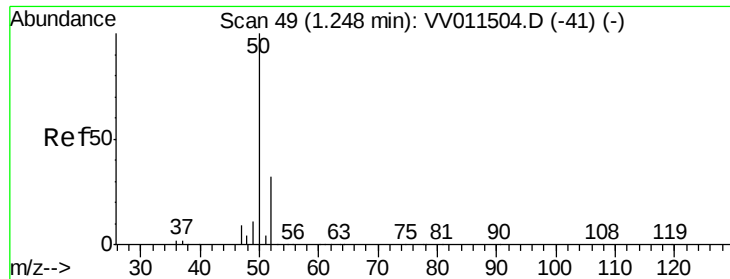
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.188 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011520.D

Acq: 15 Jun 2019 05:12

Instrument :

MSVOA_V

ClientSampleId :

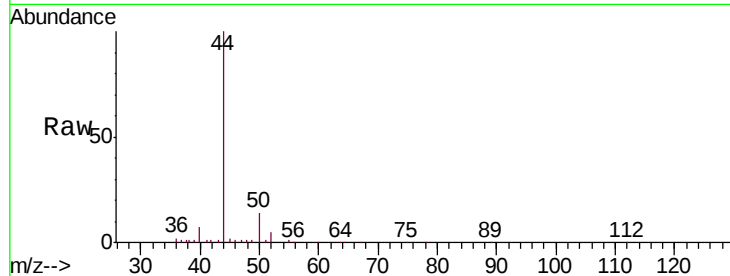
COM48

Tgt Ion: 50 Resp: 3338

Ion Ratio Lower Upper

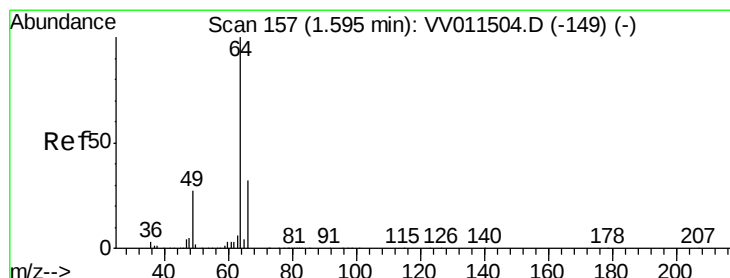
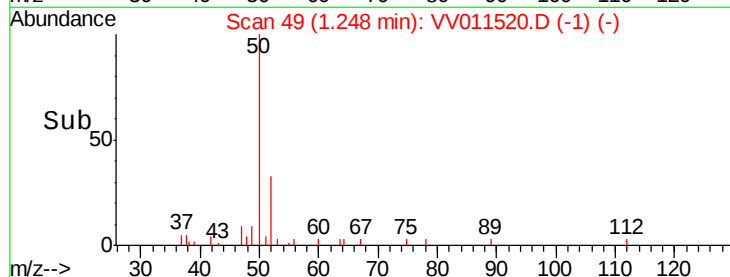
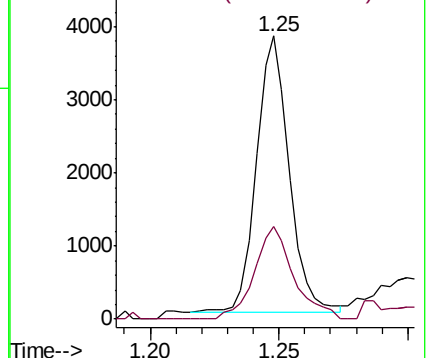
50 100

52 32.9 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: 0.103 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.01 min

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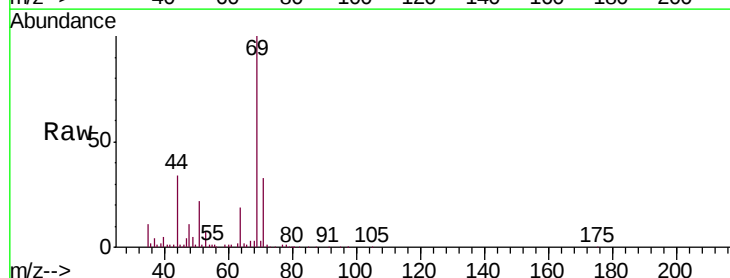
Acq: 15 Jun 2019 05:12

Tgt Ion: 64 Resp: 875

Ion Ratio Lower Upper

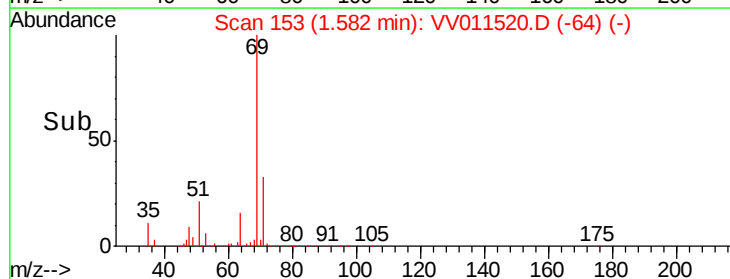
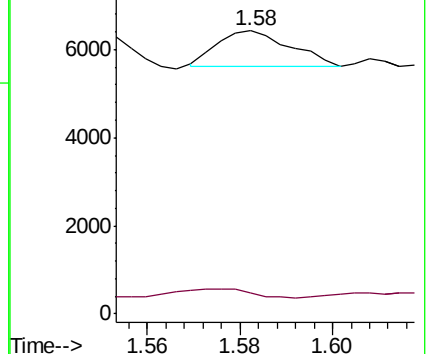
64 100

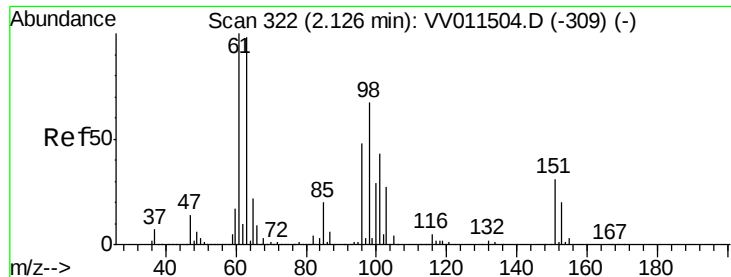
66 7.3 21.6 40.2#



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: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

COM48

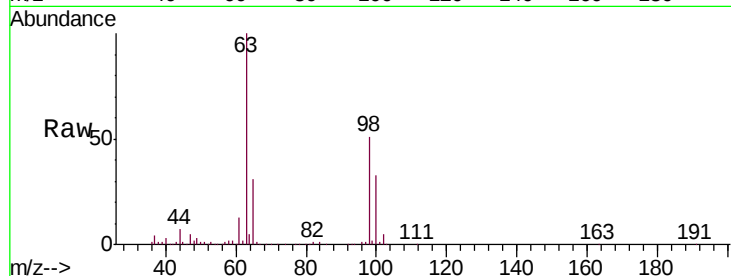
Tgt Ion:101 Resp: 963

Ion Ratio Lower Upper

101 100

85 2.1 37.3 55.9#

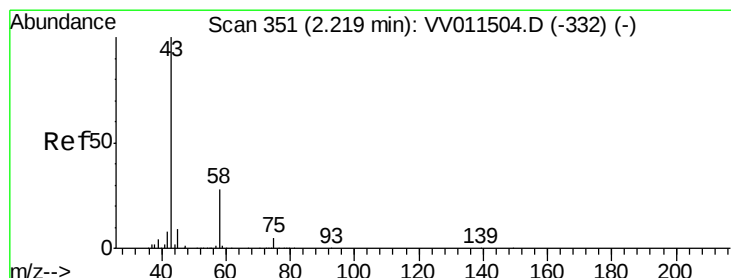
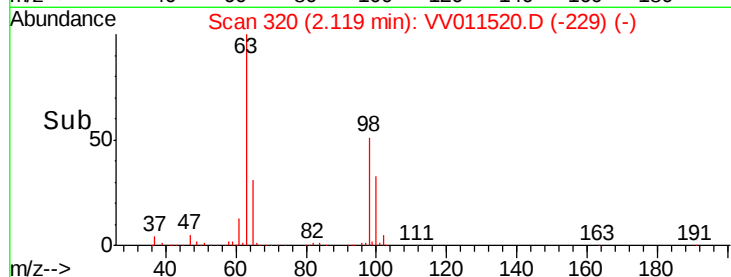
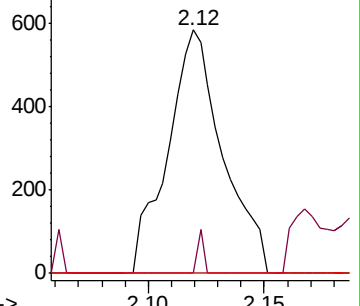
151 0.0 59.4 89.2#



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: 4.510 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV011520.D

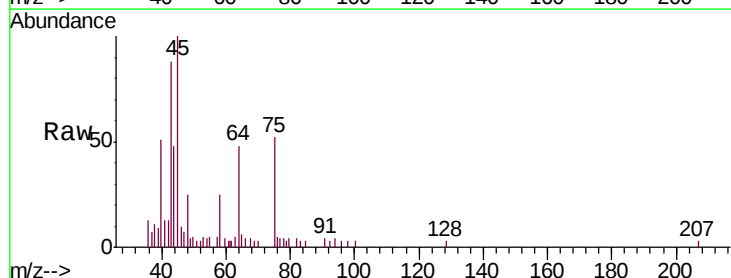
Acq: 15 Jun 2019 05:12

Tgt Ion: 43 Resp: 11893

Ion Ratio Lower Upper

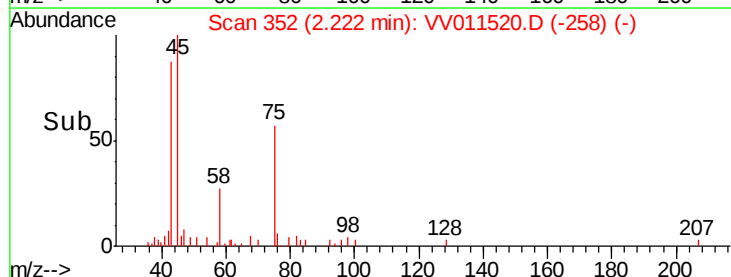
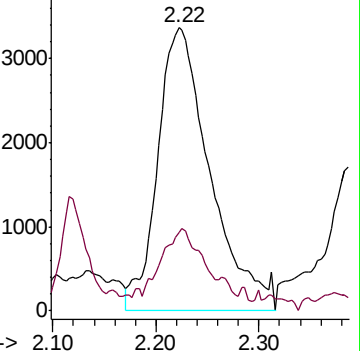
43 100

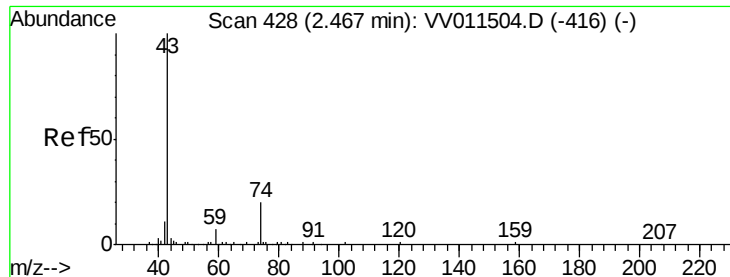
58 18.5 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

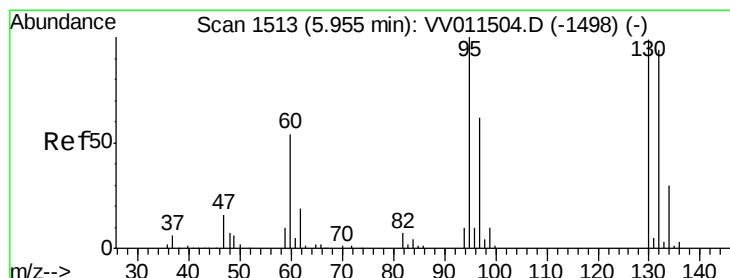
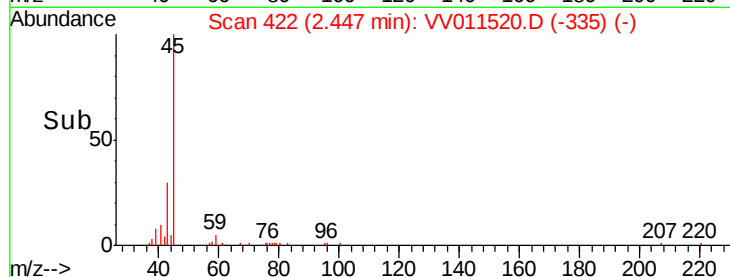
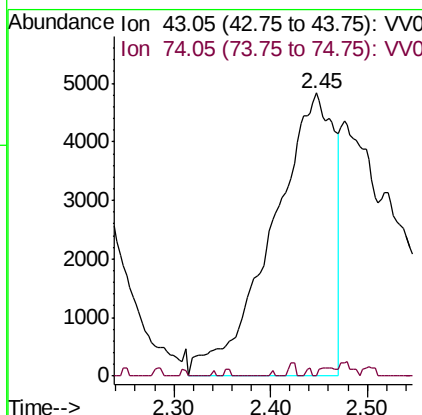
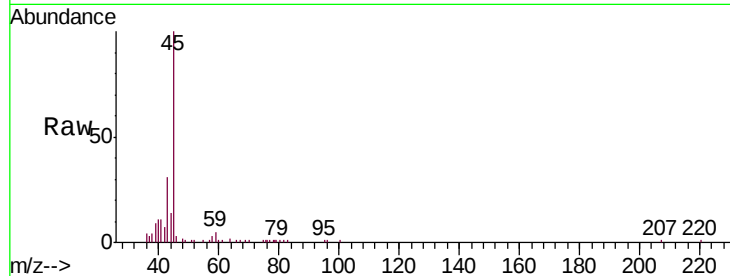




#15
Methyl Acetate
Concen: 3.058 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.02 min
Lab File: VV011520.D
Acq: 15 Jun 2019 05:12

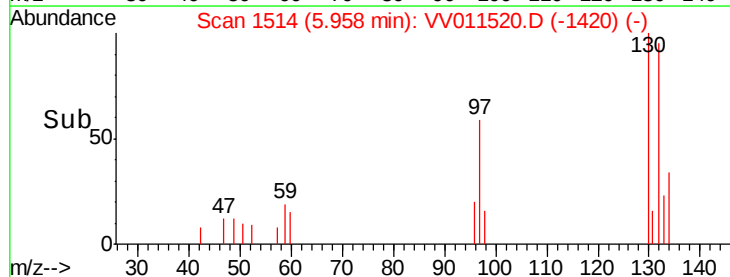
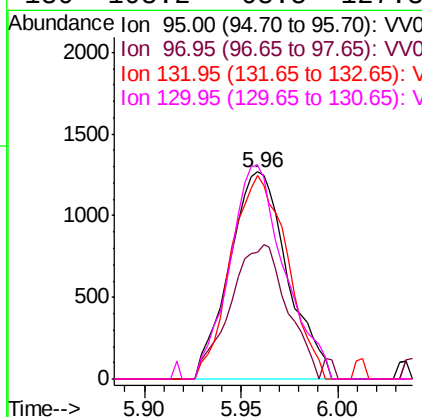
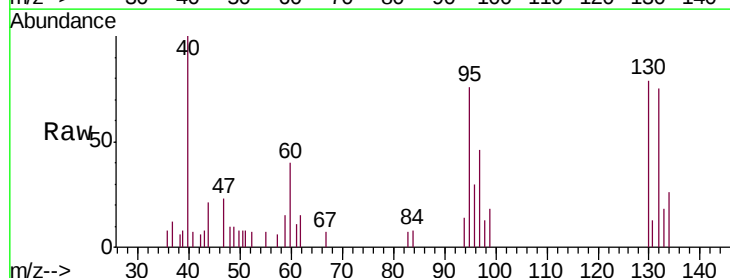
Instrument :
MSVOA_V
ClientSampled :
COM48

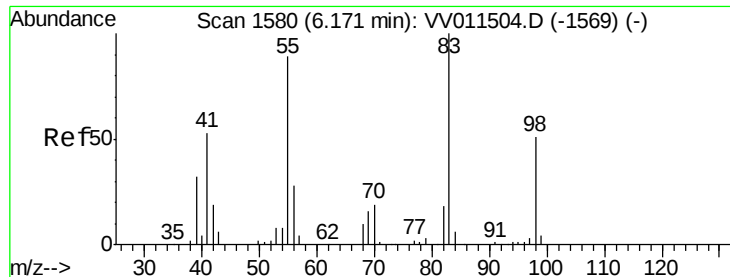
Tgt Ion: 43 Resp: 21376
Ion Ratio Lower Upper
43 100
74 0.7 16.5 24.7#



#34
Trichloroethene
Concen: 0.188 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011520.D
Acq: 15 Jun 2019 05:12

Tgt Ion: 95 Resp: 2641
Ion Ratio Lower Upper
95 100
97 61.0 44.4 82.4
132 98.1 63.5 117.9
130 103.2 68.5 127.3

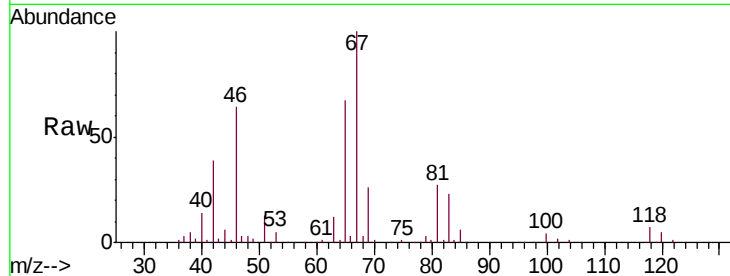




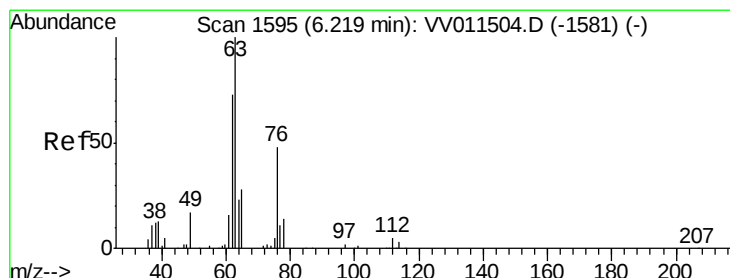
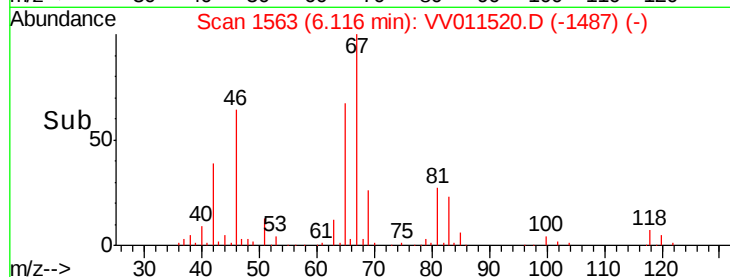
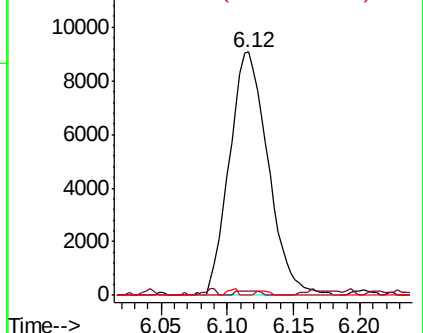
#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011520.D
Acq: 15 Jun 2019 05:12

Instrument :
MSVOA_V
ClientSampled :
COM48

Tgt Ion: 83 Resp: 18428
Ion Ratio Lower Upper
83 100
55 1.1 67.9 101.9#
98 0.6 39.6 59.4#

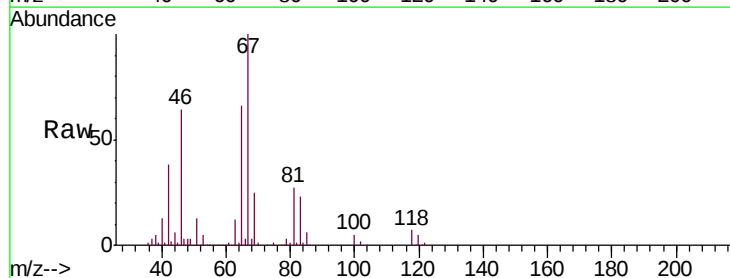


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

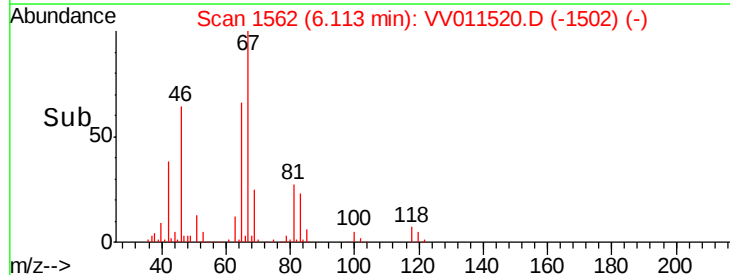
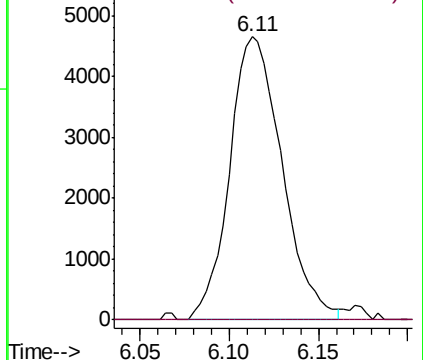


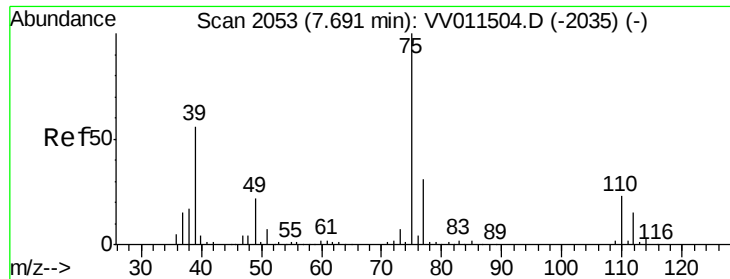
#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011520.D
Acq: 15 Jun 2019 05:12

Tgt Ion: 63 Resp: 9559
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

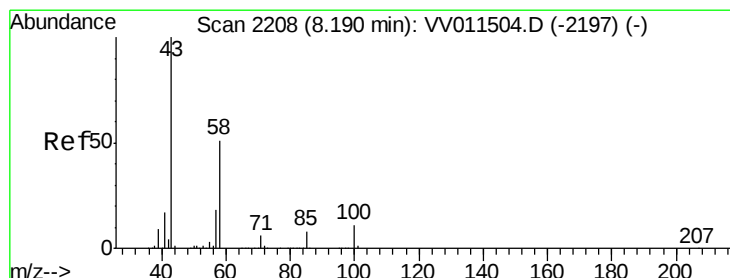
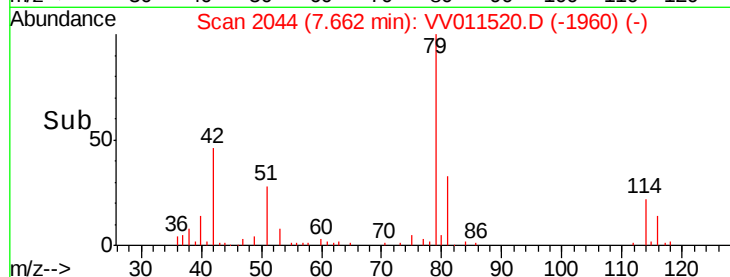
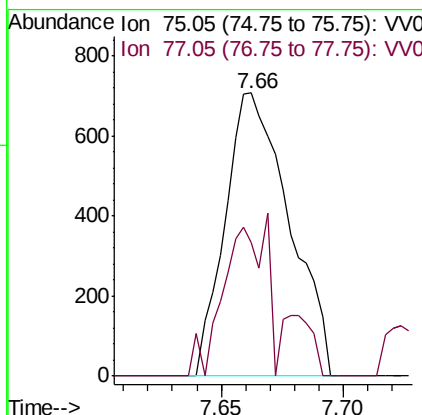
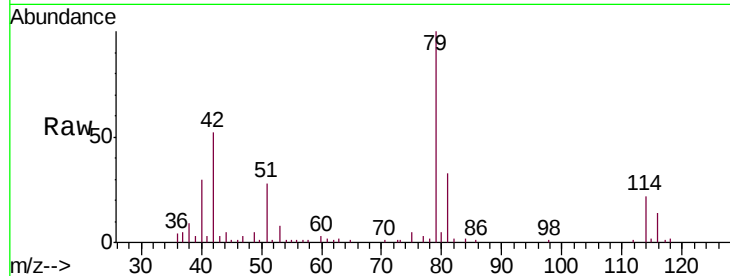
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MSVOA_V
ClientSampled :
COM48

Tgt Ion: 75 Resp: 1289

Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.8	42.4#



#48

2-Hexanone

Concen: 2.998 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011520.D

Acq: 15 Jun 2019 05:12

Tgt Ion: 43 Resp: 22071

Ion	Ratio	Lower	Upper
43	100		
58	28.8	40.6	60.8#
57	0.0	14.2	21.4#
100	0.5	8.6	12.8#

