

Data File : VV011597.D
Acq On : 19 Jun 2019 02:00
Operator : SY/MD
Sample : K3386-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM89

Quant Time: Jun 19 07:53:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172829	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40362	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.58	69	35335	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.12	63	66517	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	3.97	46	189622	51.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.40	84	106406	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.08	65	66671	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.09	84	199904	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	66800	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	157750	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.66	79	17563	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.14	63	135359	49.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50751	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	52979	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

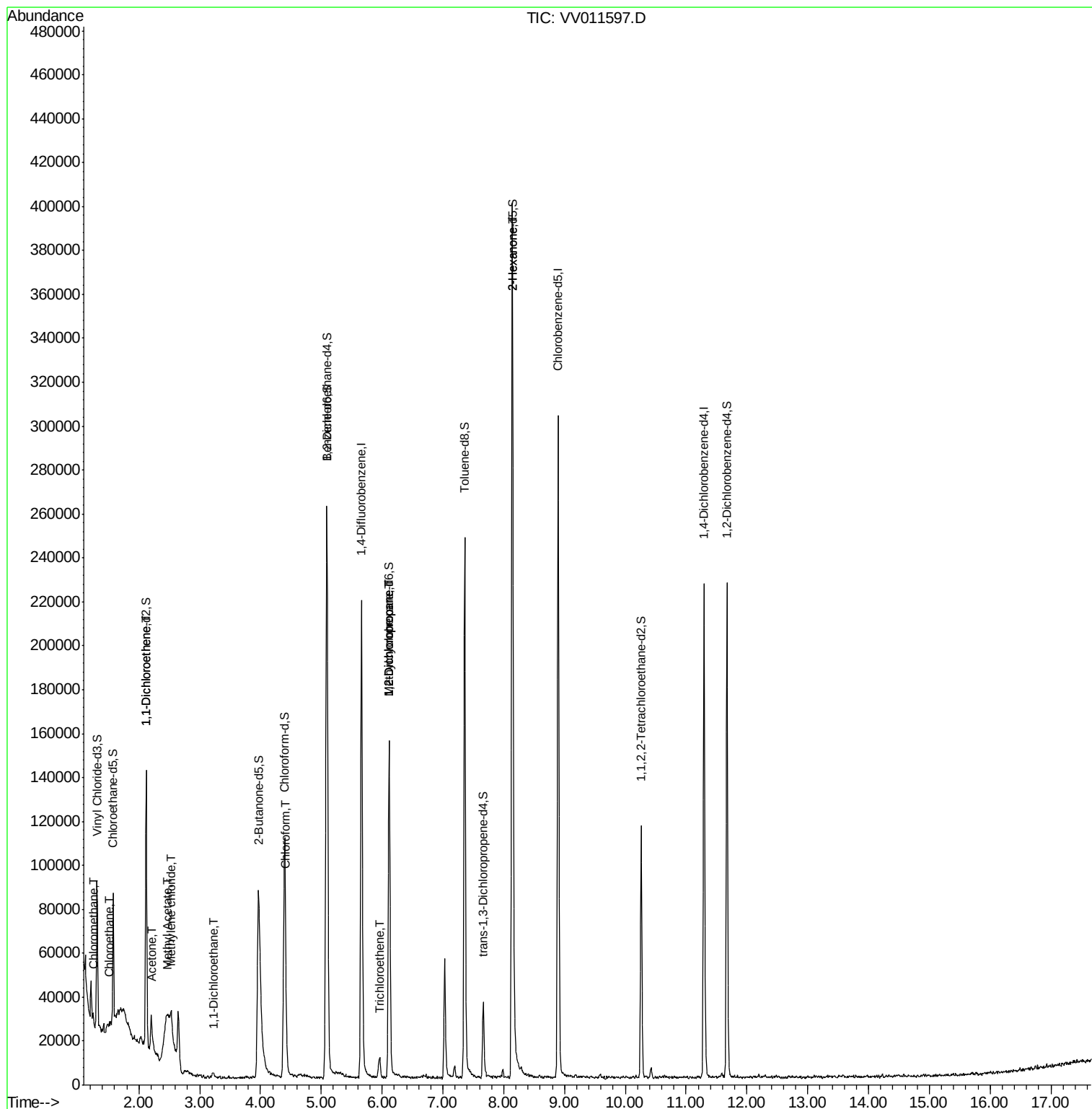
					Qvalue
3) Chloromethane	1.25	50	3080	0.184 ug/L	99
8) Chloroethane	1.51	64	10901	1.365 ug/L #	56
12) 1,1-Dichloroethene	2.13	96	1620	0.151 ug/L #	1
13) Acetone	2.22	43	6647	2.686 ug/L	71
15) Methyl Acetate	2.45	43	12107	1.846 ug/L #	57
16) Methylene chloride	2.53	84	2590	0.212 ug/L	92
19) 1,1-Dichloroethane	3.22	63	2234	0.089 ug/L	98
25) Chloroform	4.42	83	3763	0.149 ug/L	78
34) Trichloroethene	5.96	95	2520	0.202 ug/L	92
35) Methylcyclohexane	6.11	83	16285	0.913 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8042	0.616 ug/L #	88
48) 2-Hexanone	8.14	43	19685	3.009 ug/L #	74

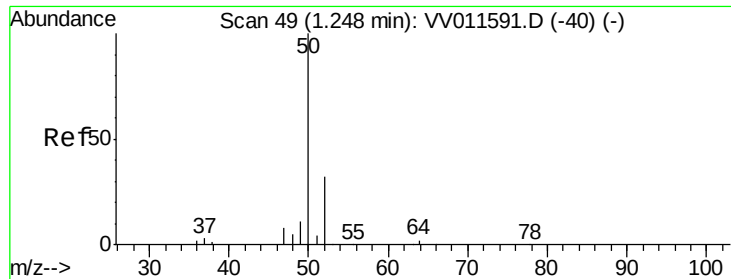
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.184 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011597.D

Acq: 19 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampled :

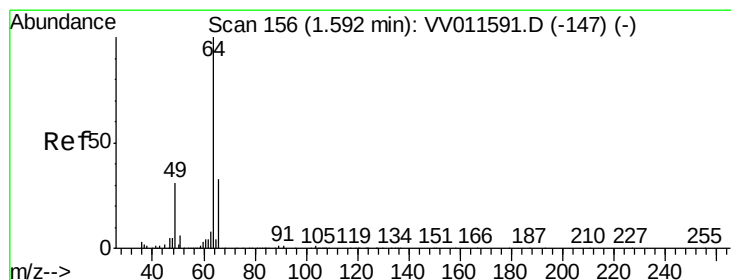
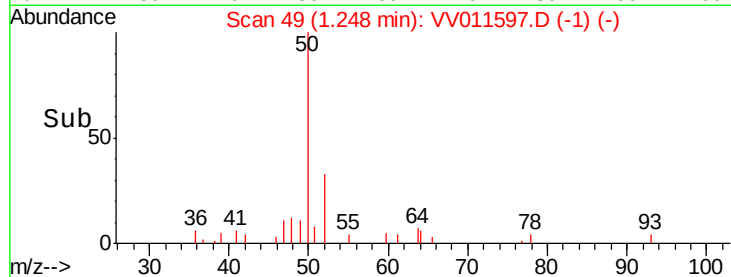
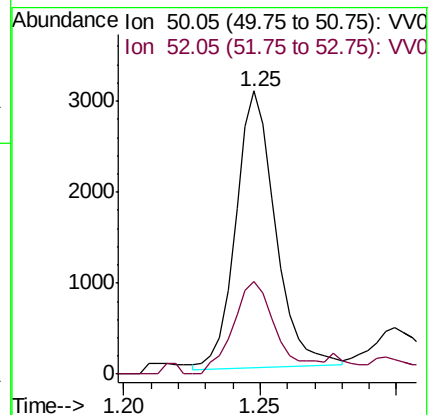
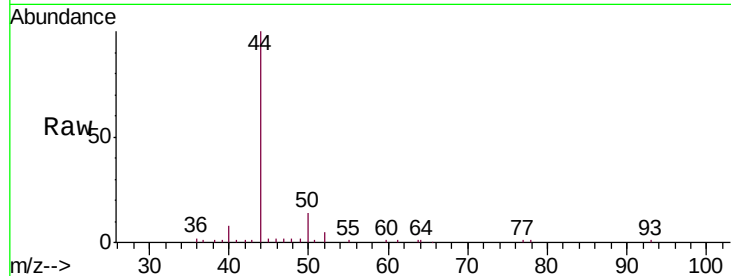
COM89

Tgt Ion: 50 Resp: 3080

Ion Ratio Lower Upper

50 100

52 32.9 22.7 42.1



#8

Chloroethane

Concen: 1.365 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.09 min

Lab File: VV011597.D

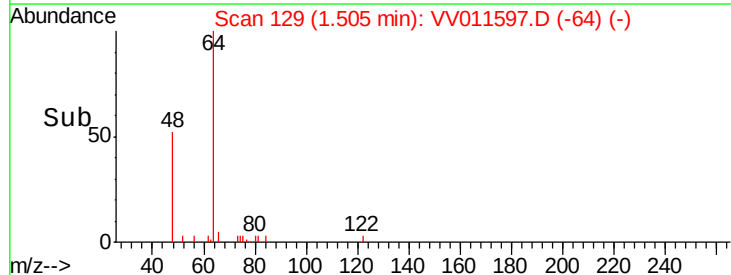
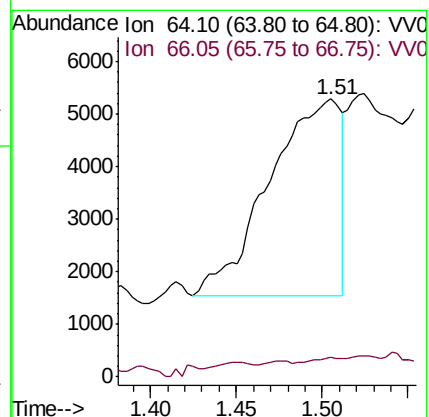
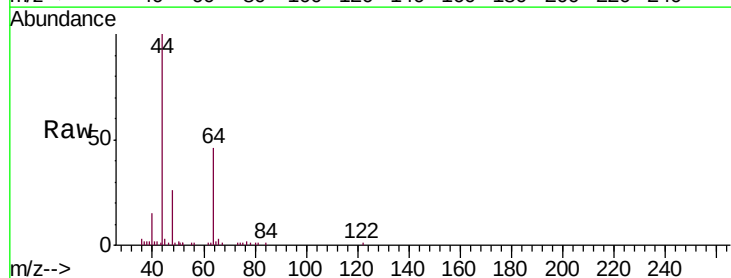
Acq: 19 Jun 2019 02:00

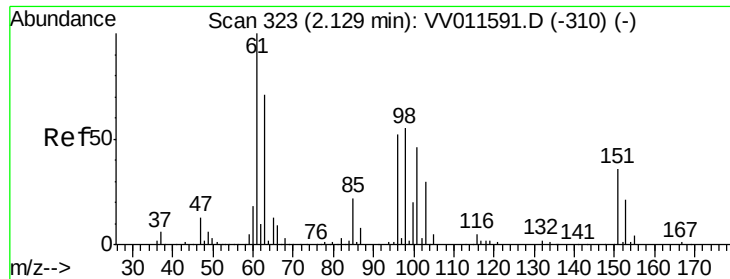
Tgt Ion: 64 Resp: 10901

Ion Ratio Lower Upper

64 100

66 6.7 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011597.D

Acq: 19 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampled :

C0M89

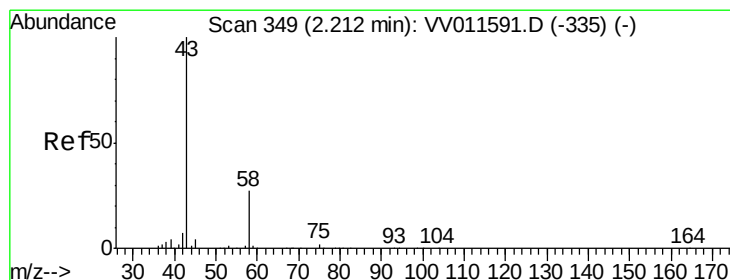
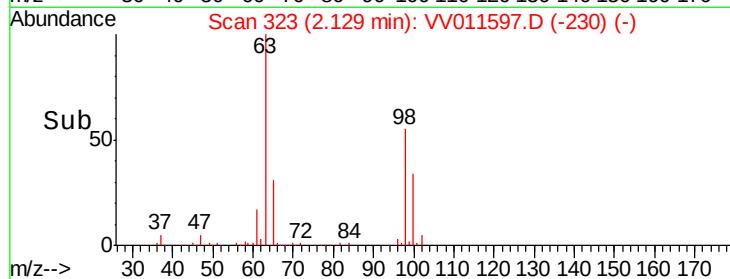
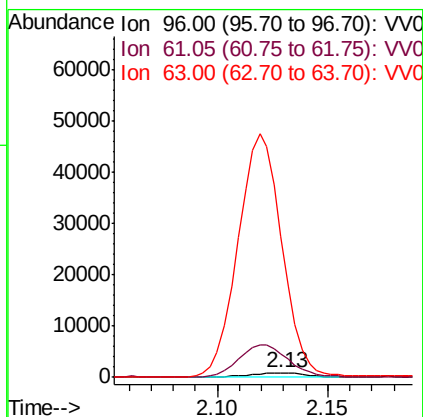
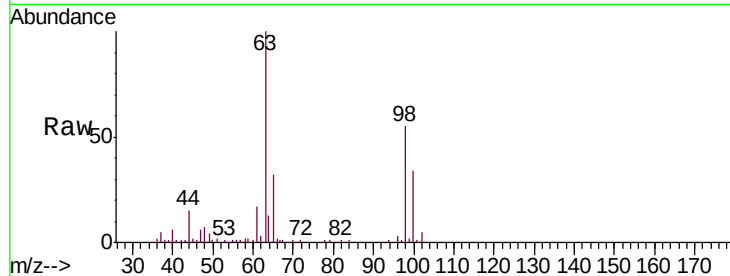
Tgt Ion: 96 Resp: 1620

Ion Ratio Lower Upper

96 100

61 486.1 135.9 252.5#

63 2926.2 86.2 160.2#



#13

Acetone

Concen: 2.686 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV011597.D

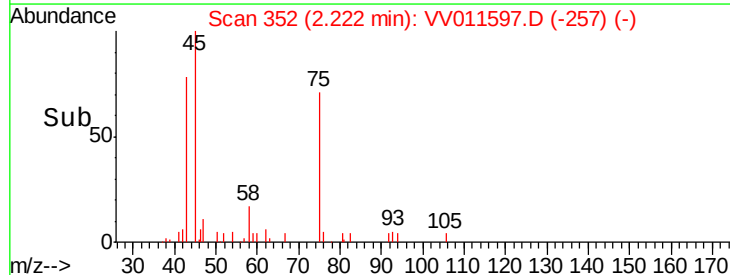
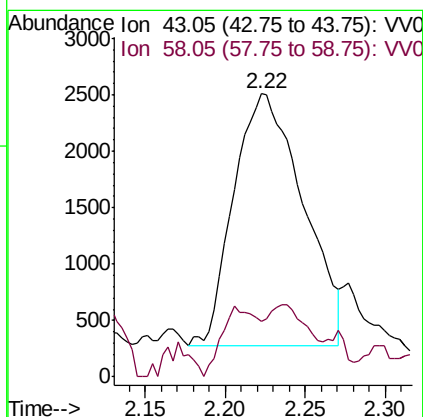
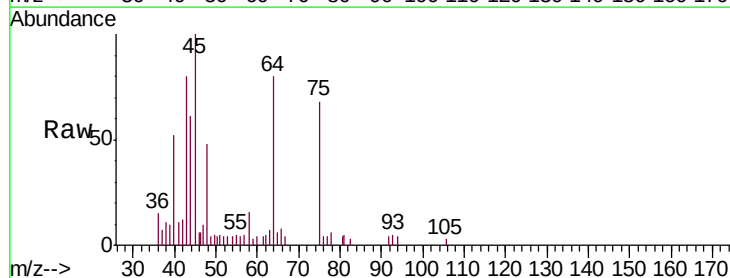
Acq: 19 Jun 2019 02:00

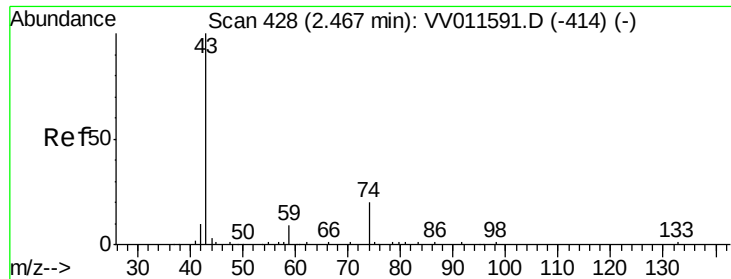
Tgt Ion: 43 Resp: 6647

Ion Ratio Lower Upper

43 100

58 13.3 0.0 57.8

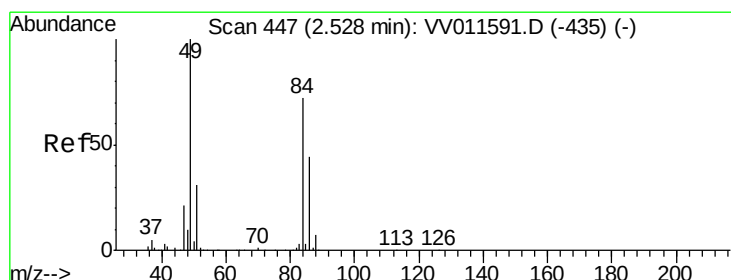
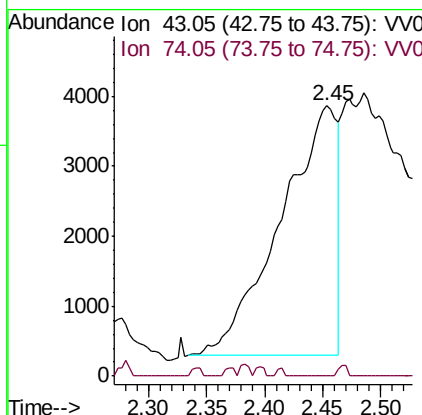
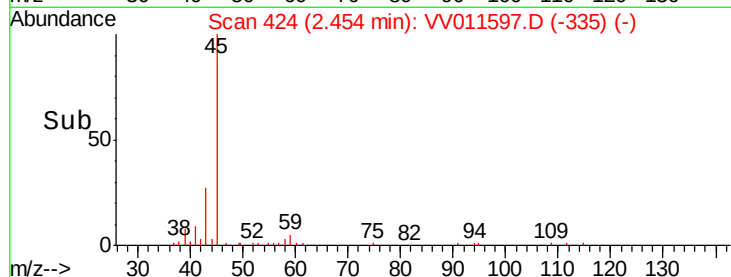
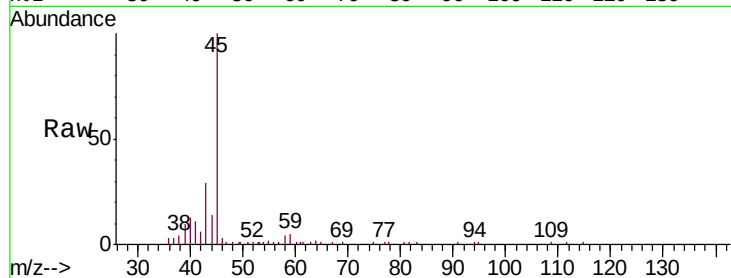




#15
Methyl Acetate
Concen: 1.846 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.01 min
Lab File: VV011597.D
Acq: 19 Jun 2019 02:00

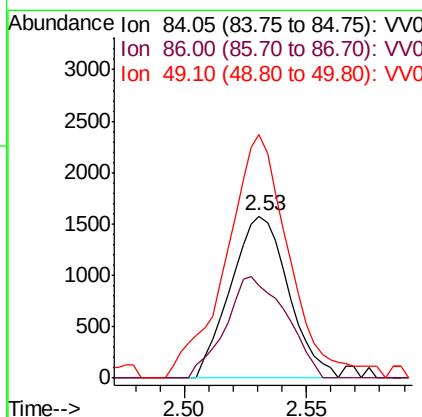
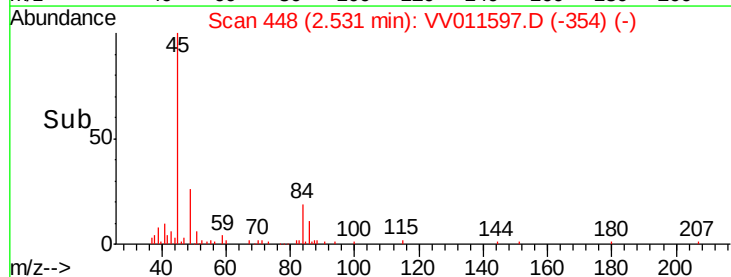
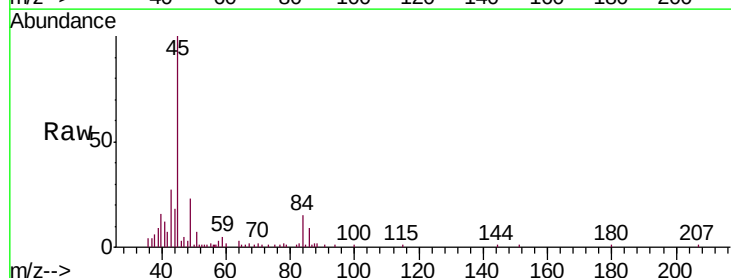
Instrument :
MSVOA_V
ClientSampleId :
COM89

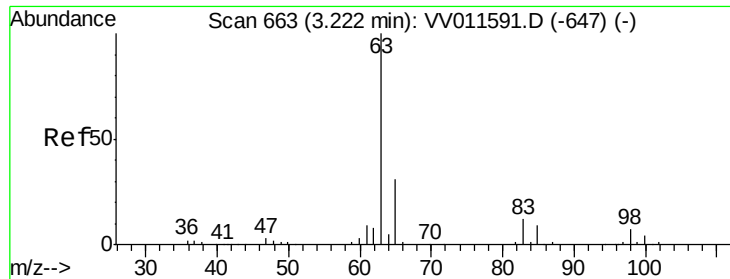
Tgt Ion: 43 Resp: 12107
Ion Ratio Lower Upper
43 100
74 0.6 16.5 24.7#



#16
Methylene chloride
Concen: 0.212 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011597.D
Acq: 19 Jun 2019 02:00

Tgt Ion: 84 Resp: 2590
Ion Ratio Lower Upper
84 100
86 57.0 42.5 78.9
49 150.5 97.7 181.5

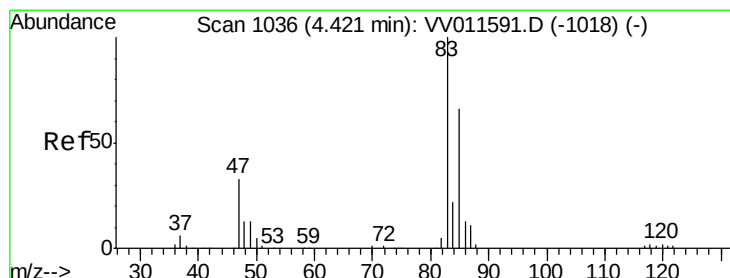
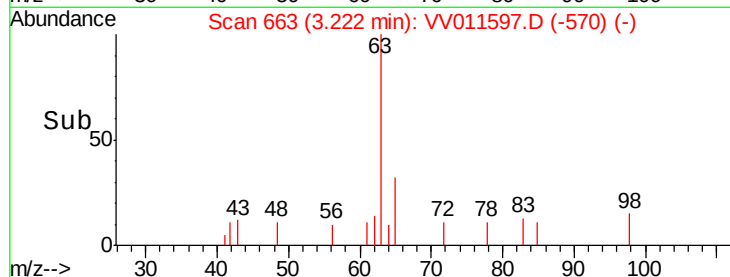
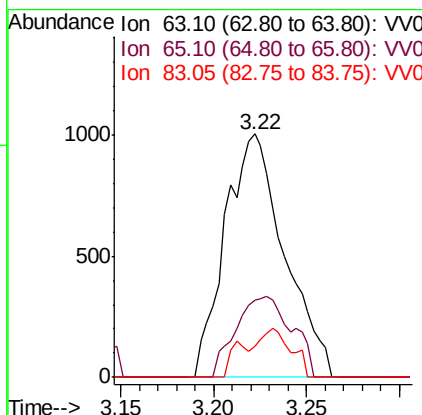
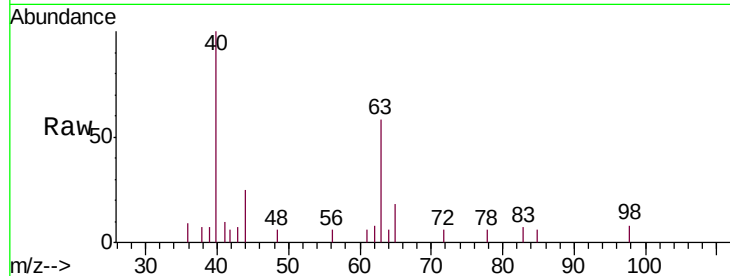




#19
 1,1-Dichloroethane
 Concen: 0.089 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: VV011597.D
 Acq: 19 Jun 2019 02:00

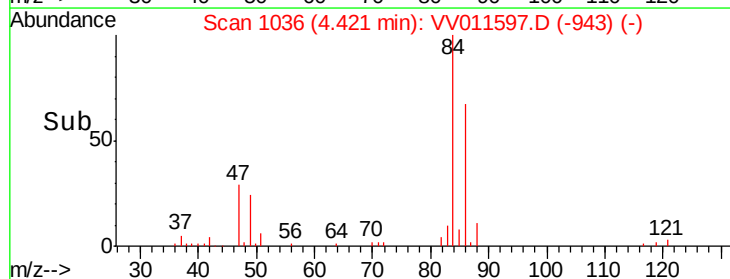
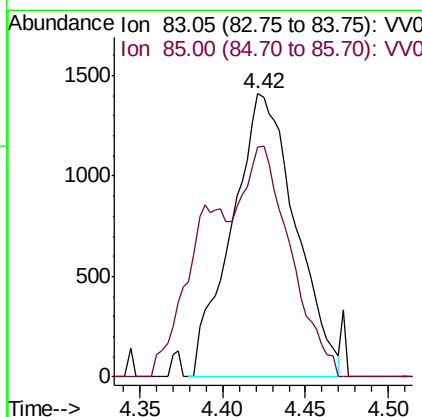
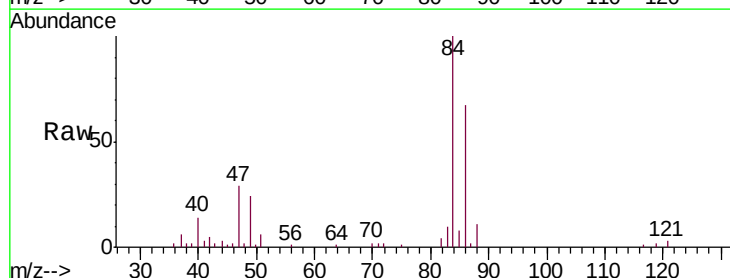
Instrument :
 MSVOA_V
 ClientSampled :
 COM89

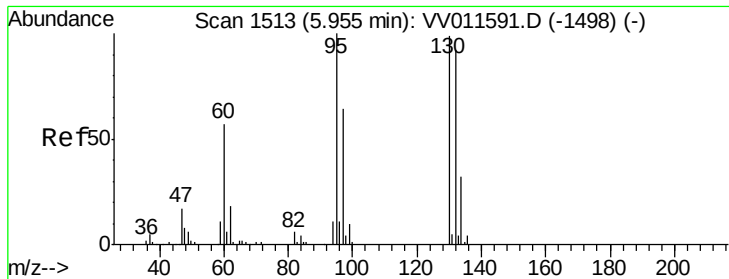
Tgt Ion: 63 Resp: 2234
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.5 41.9
 83 12.7 10.1 18.9



#25
 Chloroform
 Concen: 0.149 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VV011597.D
 Acq: 19 Jun 2019 02:00

Tgt Ion: 83 Resp: 3763
 Ion Ratio Lower Upper
 83 100
 85 81.2 44.6 82.8





#34

Trichloroethene

Concen: 0.202 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011597.D

Acq: 19 Jun 2019 02:00

Instrument :

MSVOA_V

ClientSampleId :

C0M89

Tgt Ion: 95 Resp: 2520

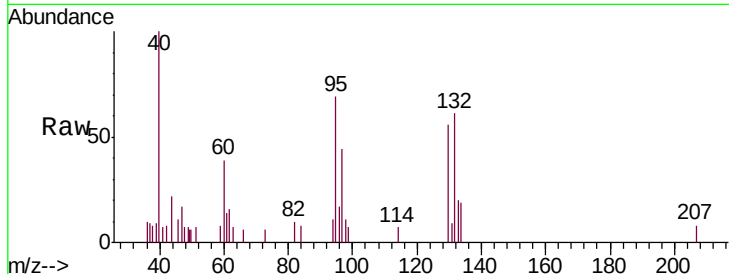
Ion Ratio Lower Upper

95 100

97 63.3 44.4 82.4

132 87.7 63.5 117.9

130 80.8 68.5 127.3

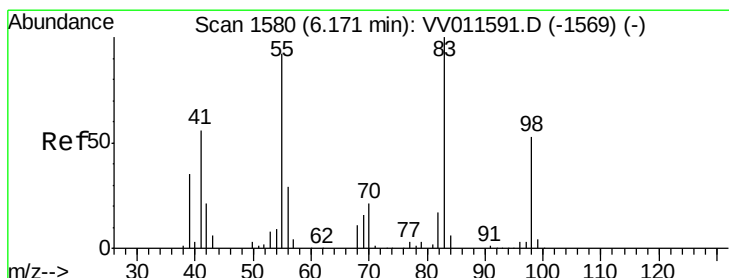
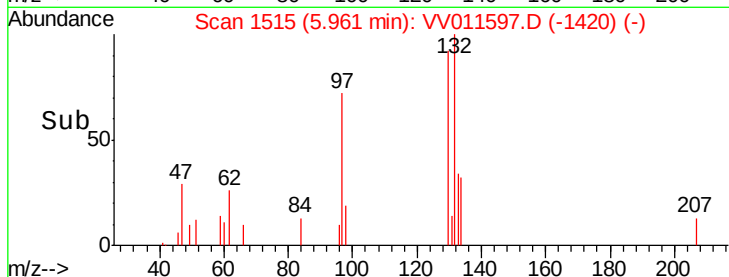
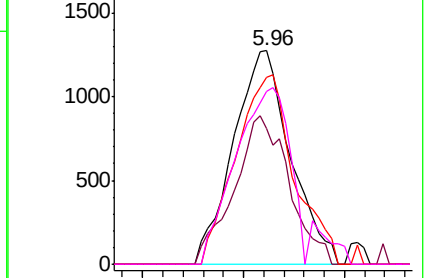


Abundance Ion 95.00 (94.70 to 95.70): VV011591.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011591.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011591.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011591.D (-1498) (-)



#35

Methylcyclohexane

Concen: 0.913 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011597.D

Acq: 19 Jun 2019 02:00

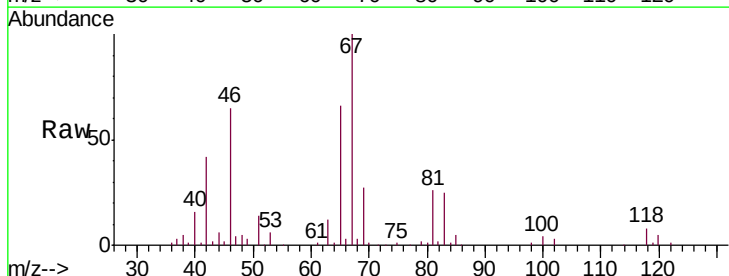
Tgt Ion: 83 Resp: 16285

Ion Ratio Lower Upper

83 100

55 0.7 67.9 101.9#

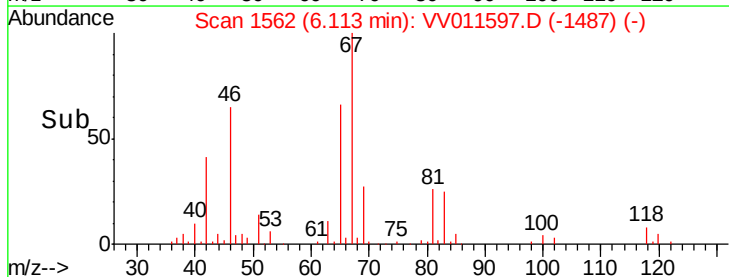
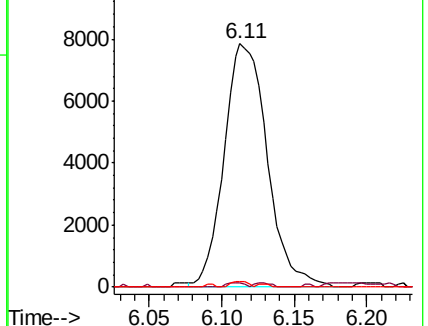
98 0.9 39.6 59.4#

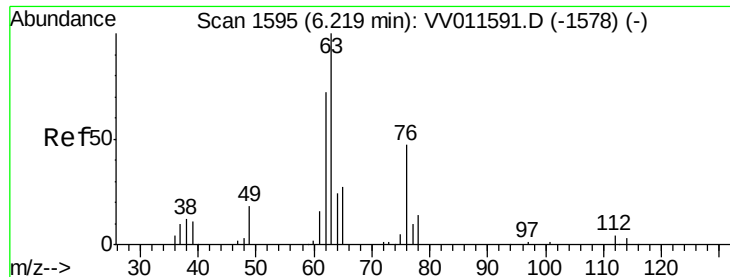


Abundance Ion 83.15 (82.85 to 83.85): VV011591.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV011591.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV011591.D (-1569) (-)

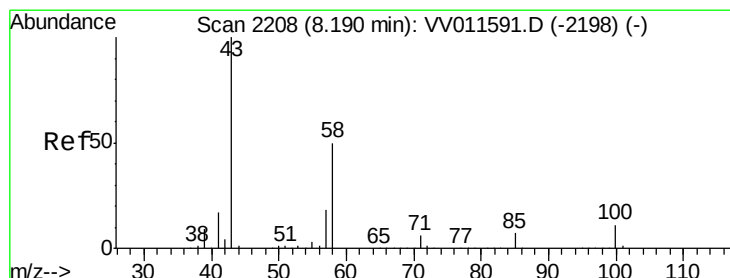
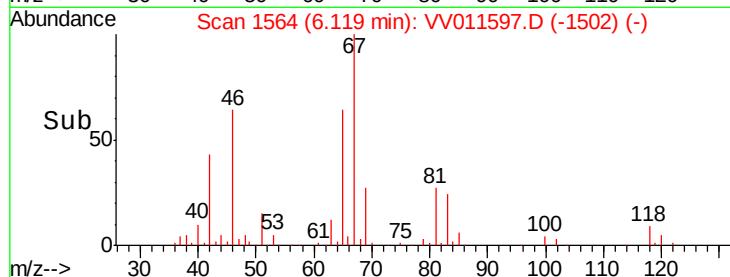
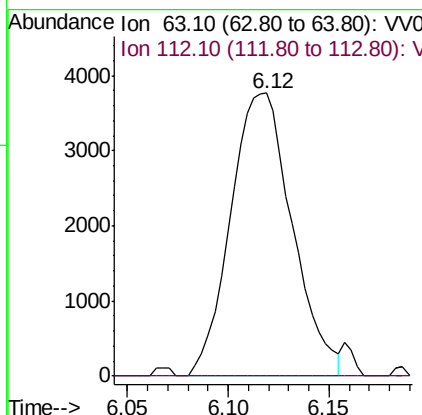
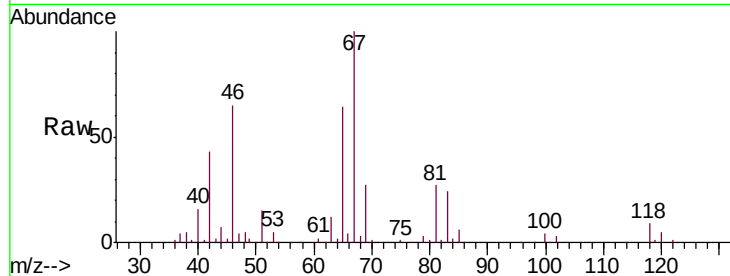




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011597.D
 Acq: 19 Jun 2019 02:00

Instrument :
 MSVOA_V
 ClientSampleId :
 COM89

Tgt Ion: 63 Resp: 8042
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#48
 2-Hexanone
 Concen: 3.009 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011597.D
 Acq: 19 Jun 2019 02:00

Tgt Ion: 43 Resp: 19685
 Ion Ratio Lower Upper
 43 100
 58 32.2 40.6 60.8#
 57 28.1 14.2 21.4#
 100 0.5 8.6 12.8#

