

Data File : VV011599.D
Acq On : 19 Jun 2019 02:52
Operator : SY/MD
Sample : K3386-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM93

Quant Time: Jun 19 07:54:11 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	180579	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41798	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.58	69	35860	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.12	63	79226	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.97	46	196755	51.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.58%
24) Chloroform-d	4.40	84	113484	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	70985	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	216997	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	73037	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	175780	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.67	79	18739	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.14	63	143219	48.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52904	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	60224	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

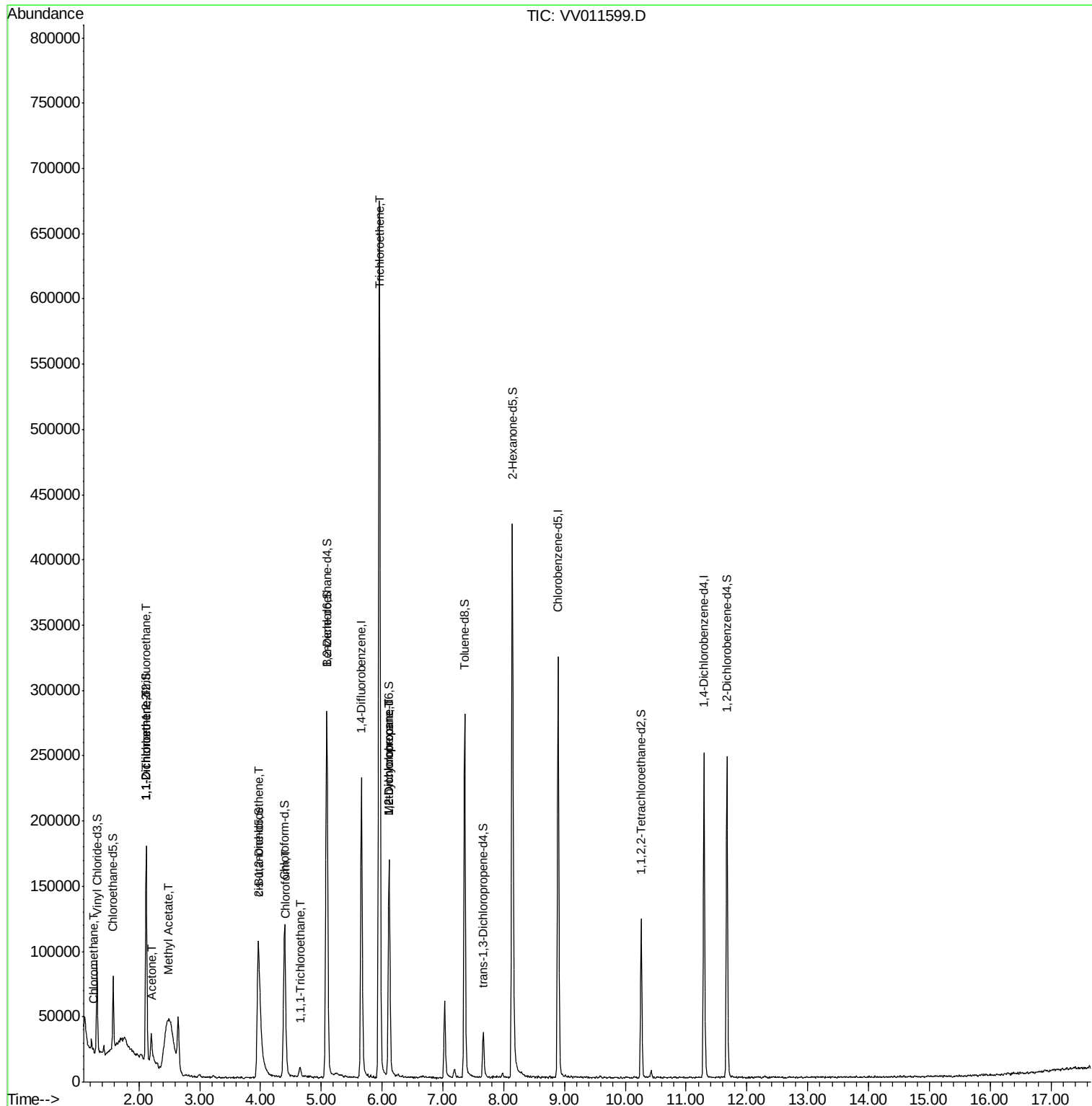
					Qvalue
3) Chloromethane	1.25	50	1956	0.112 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	953	0.088 ug/L #	25
12) 1,1-Dichloroethene	2.13	96	13872	1.235 ug/L #	44
13) Acetone	2.23	43	6027	2.331 ug/L	79
15) Methyl Acetate	2.47	43	27185	3.966 ug/L #	57
22) cis-1,2-Dichloroethene	3.96	96	12583	0.875 ug/L	89
25) Chloroform	4.42	83	4232	0.161 ug/L	88
29) 1,1,1-Trichloroethane	4.65	97	5093	0.252 ug/L	91
34) Trichloroethene	5.96	95	224169	16.583 ug/L	98
35) Methylcyclohexane	6.11	83	17613	0.914 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9015	0.639 ug/L #	87

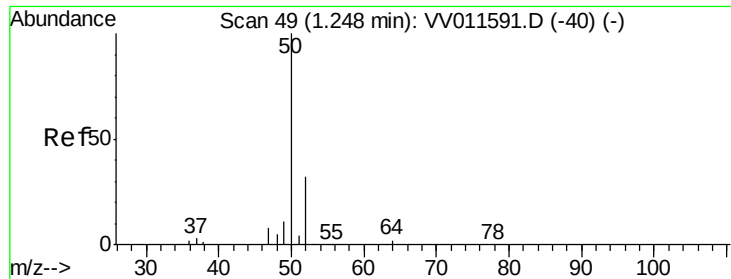
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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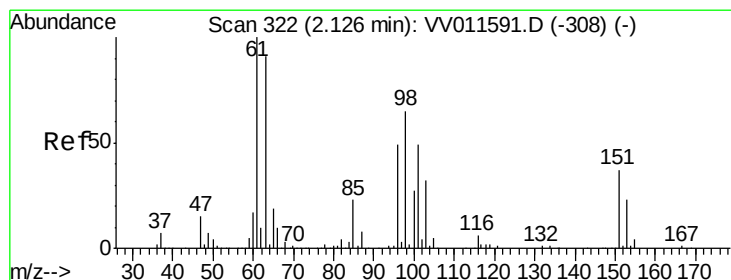
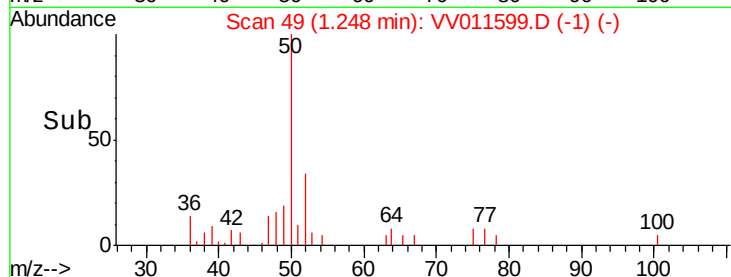
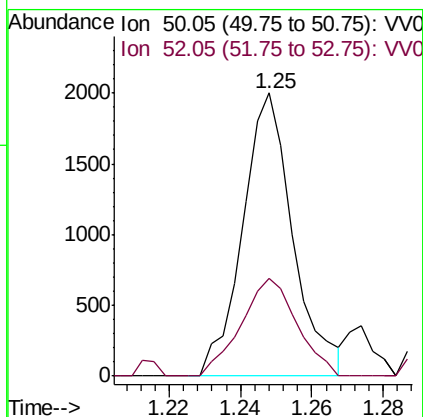
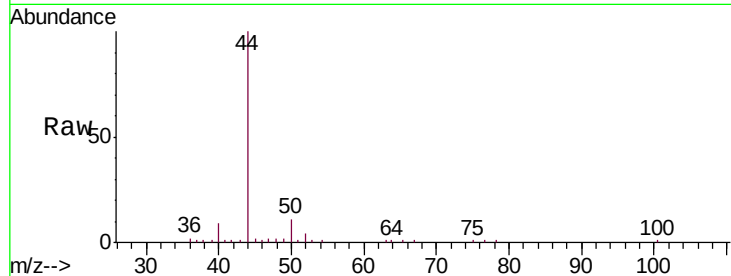




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

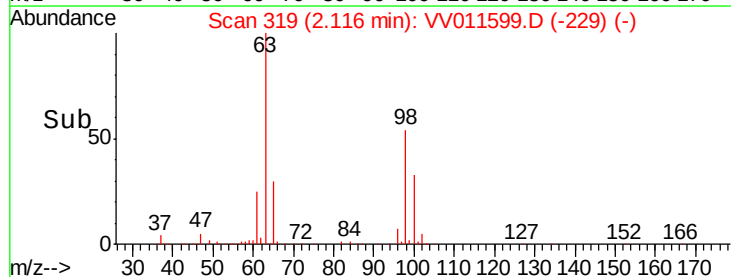
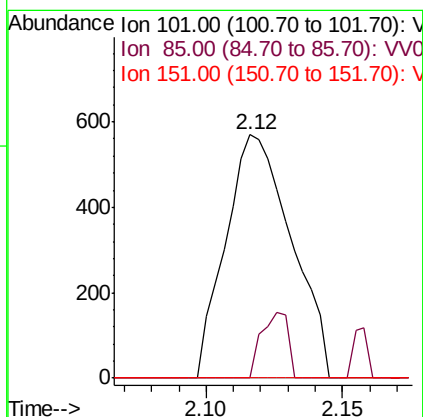
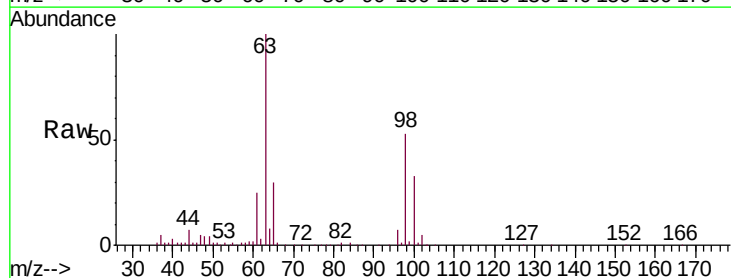
Instrument :
MSVOA_V
ClientSampleId :
COM93

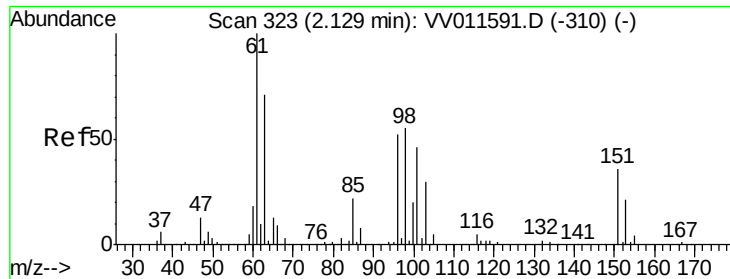
Tgt Ion: 50 Resp: 1956
Ion Ratio Lower Upper
50 100
52 34.3 22.7 42.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

Tgt Ion: 101 Resp: 953
Ion Ratio Lower Upper
101 100
85 10.7 37.3 55.9#
151 0.0 59.4 89.2#

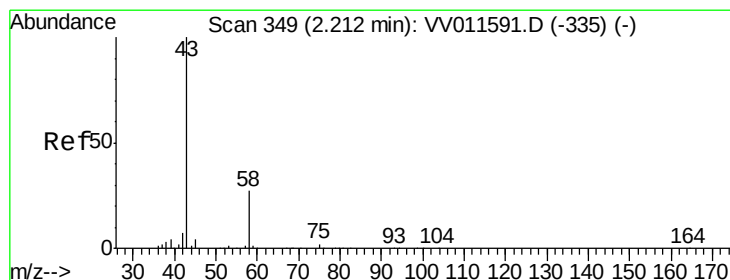
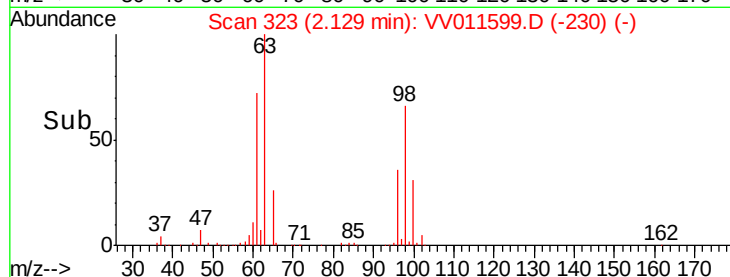
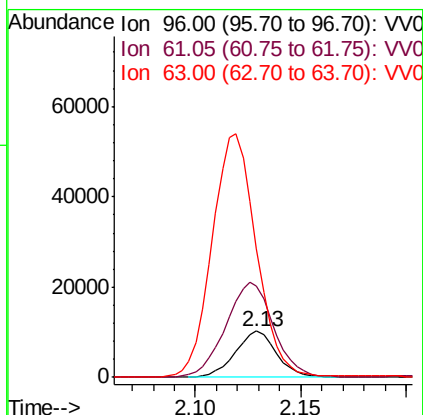
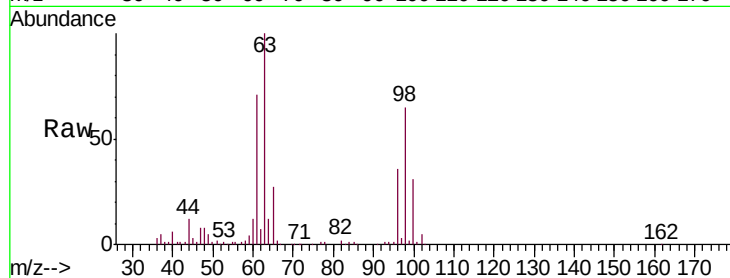




#12
 1,1-Dichloroethene
 Concen: 1.235 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: VV011599.D
 Acq: 19 Jun 2019 02:52

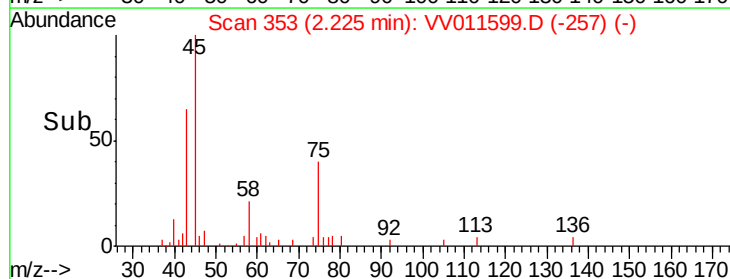
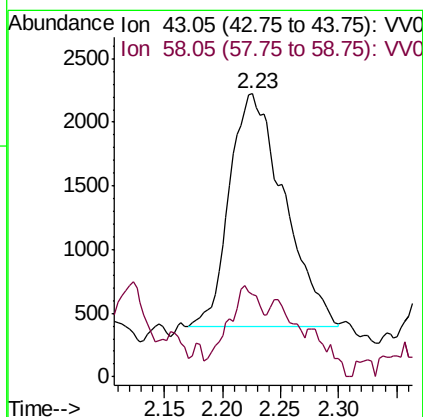
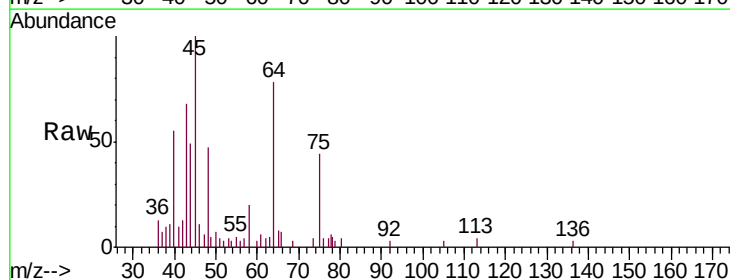
Instrument :
 MSVOA_V
 ClientSampleId :
 COM93

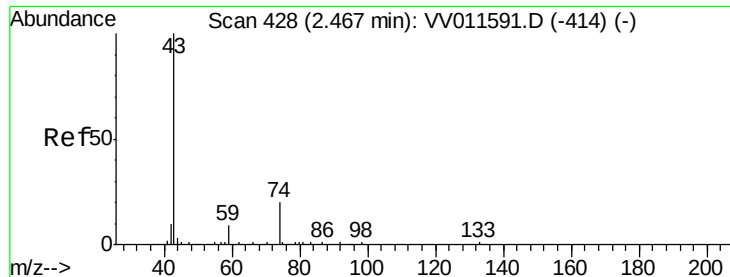
Tgt Ion: 96 Resp: 13872
 Ion Ratio Lower Upper
 96 100
 61 199.3 135.9 252.5
 63 279.0 86.2 160.2#



#13
 Acetone
 Concen: 2.331 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VV011599.D
 Acq: 19 Jun 2019 02:52

Tgt Ion: 43 Resp: 6027
 Ion Ratio Lower Upper
 43 100
 58 17.6 0.0 57.8

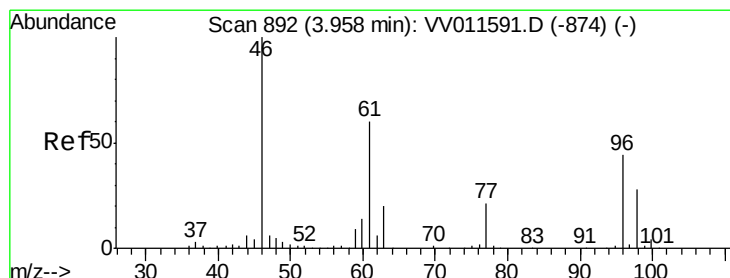
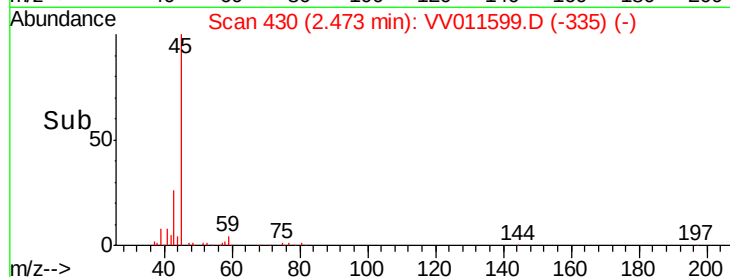
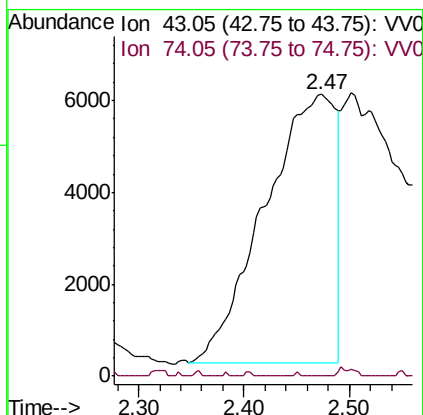
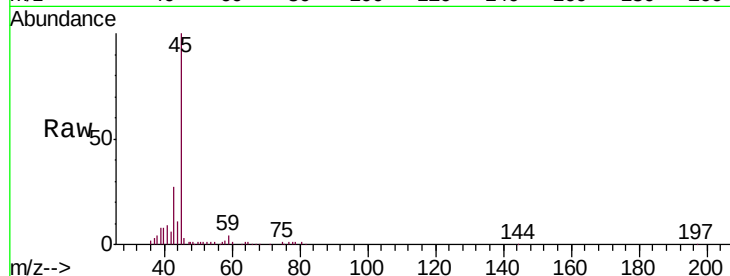




#15
Methyl Acetate
Concen: 3.966 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

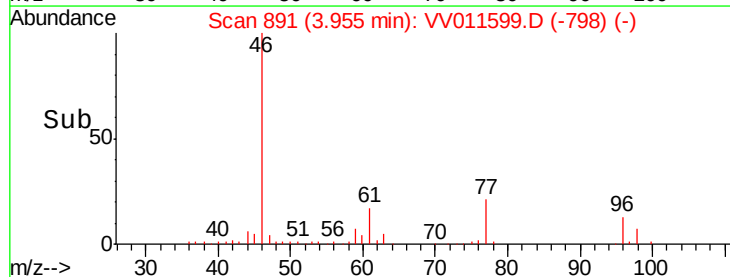
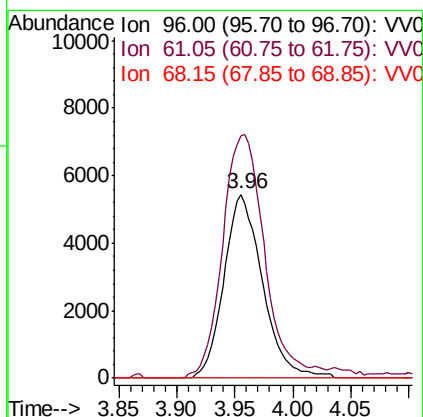
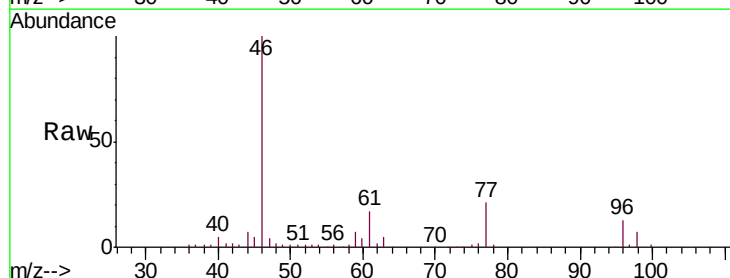
Instrument :
MSVOA_V
ClientSampleId :
COM93

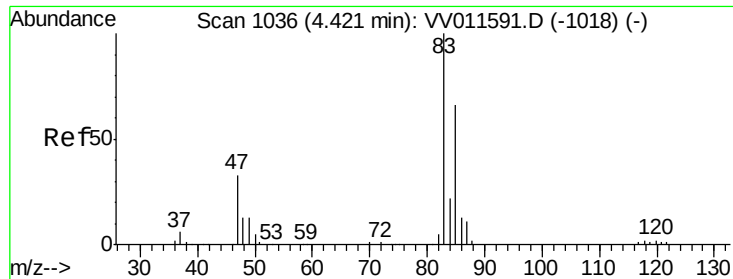
Tgt Ion: 43 Resp: 27185
Ion Ratio Lower Upper
43 100
74 0.4 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.875 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

Tgt Ion: 96 Resp: 12583
Ion Ratio Lower Upper
96 100
61 131.9 102.2 189.8
68 0.0 0.0 0.0

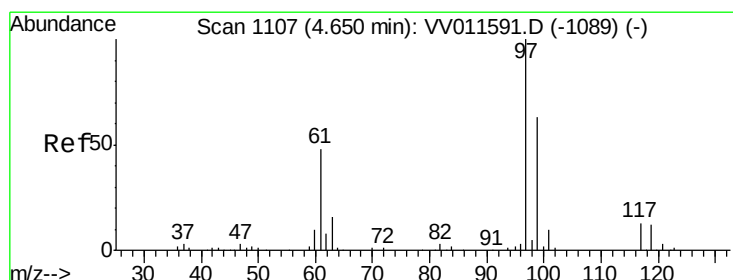
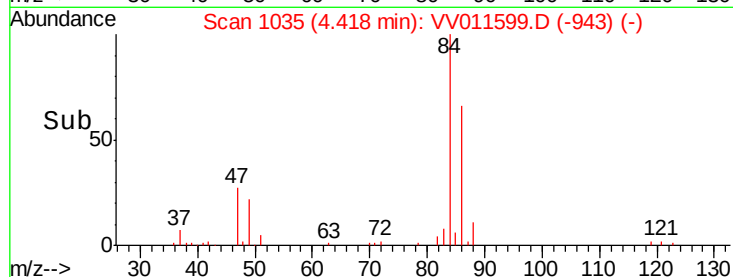
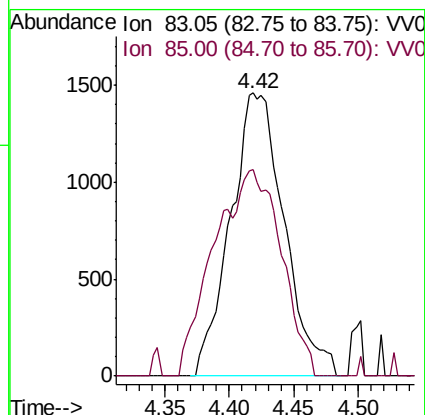
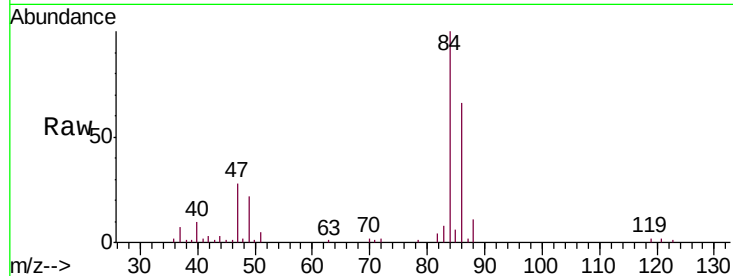




#25
Chloroform
Concen: 0.161 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

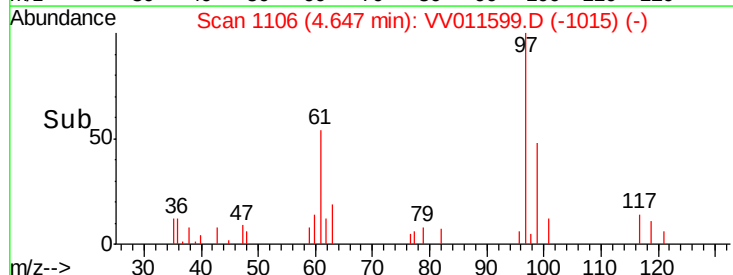
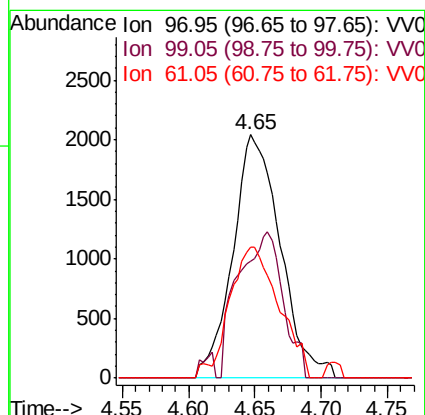
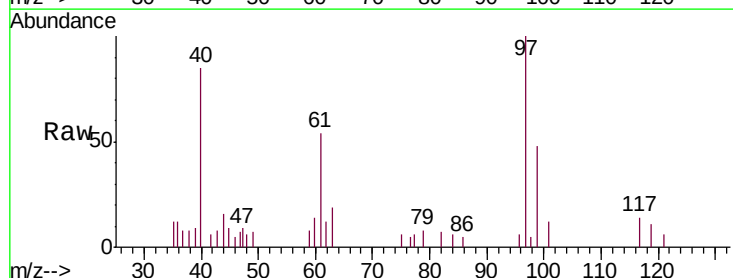
Instrument :
MSVOA_V
ClientSampleId :
COM93

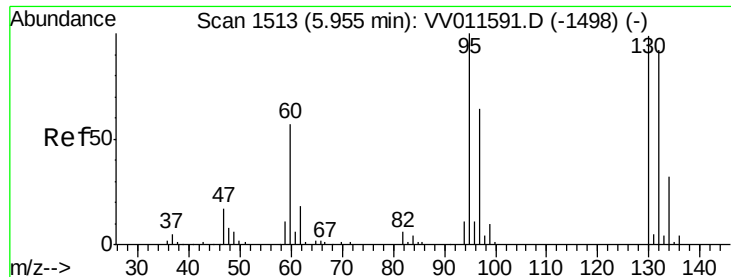
Tgt Ion: 83 Resp: 4232
Ion Ratio Lower Upper
83 100
85 73.1 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.252 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

Tgt Ion: 97 Resp: 5093
Ion Ratio Lower Upper
97 100
99 56.9 51.6 77.4
61 56.0 40.4 60.6





#34

Trichloroethene

Concen: 16.583 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011599.D

Acq: 19 Jun 2019 02:52

Instrument :

MSVOA_V

ClientSampleId :

COM93

Tgt Ion: 95 Resp: 224169

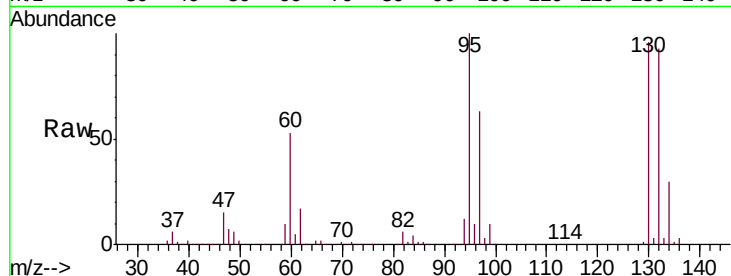
Ion Ratio Lower Upper

95 100

97 63.1 44.4 82.4

132 92.6 63.5 117.9

130 96.0 68.5 127.3

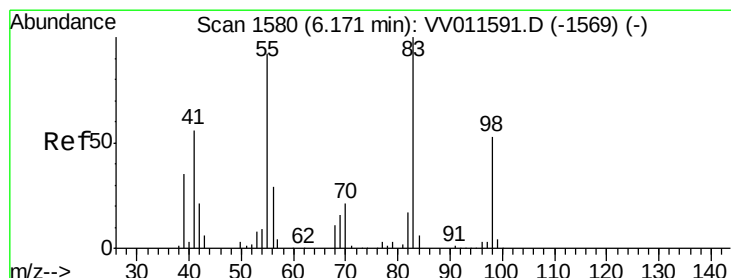
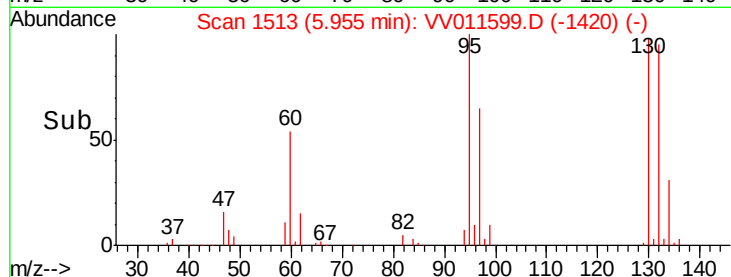
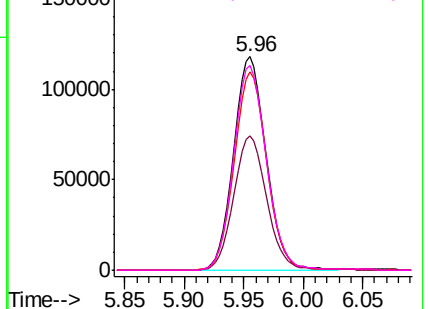


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011599.D

Acq: 19 Jun 2019 02:52

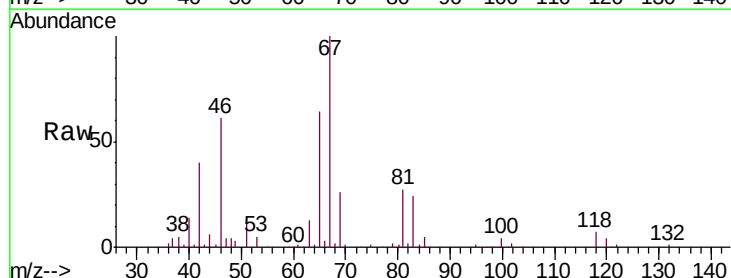
Tgt Ion: 83 Resp: 17613

Ion Ratio Lower Upper

83 100

55 1.1 67.9 101.9#

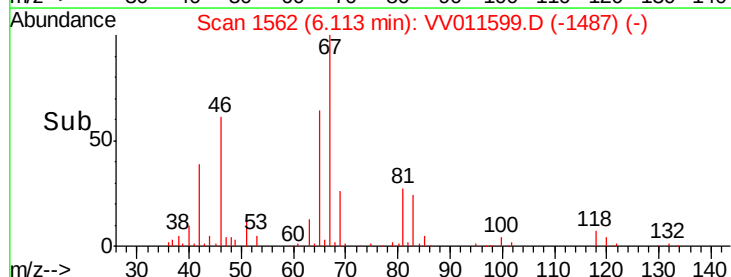
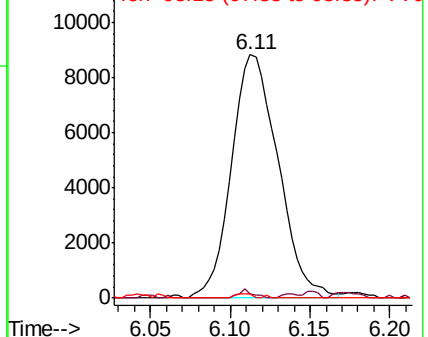
98 0.0 39.6 59.4#

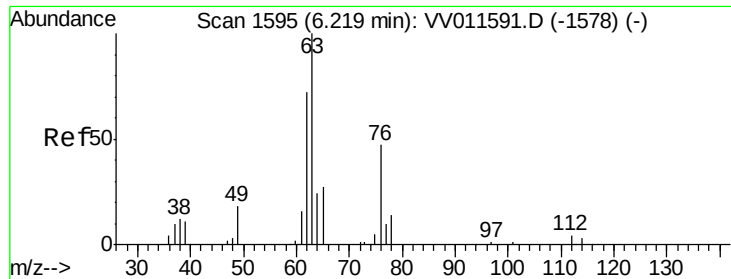


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37
 1,2-Dichloropropane
 Concen: 0.639 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011599.D
 Acq: 19 Jun 2019 02:52

Instrument :
 MSVOA_V
 ClientSampleId :
 COM93

Tgt Ion: 63 Resp: 9015
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#

