

Data File : VV011536.D
Acq On : 15 Jun 2019 13:41
Operator : SY/MD
Sample : K3386-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM73

Quant Time: Jun 17 04:36:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	163784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60966	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	48954	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.12	63	97455	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.96	46	197516	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	125582	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	76329	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.09	84	247172	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	79406	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	210939	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	21012	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	148973	50.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54098	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68989	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

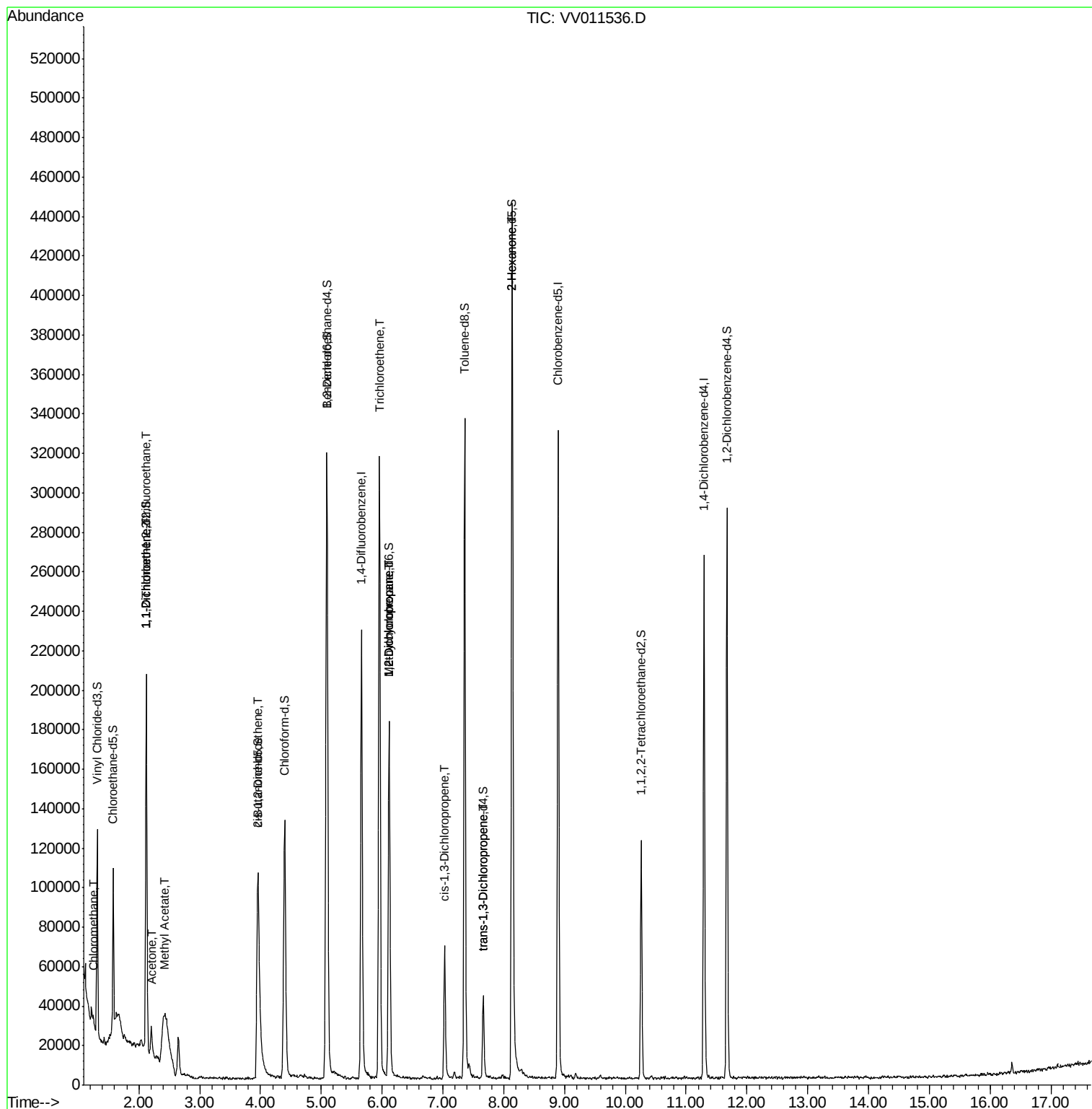
						Qvalue
3) Chloromethane	1.25	50	2826	0.163	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1026	0.095	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	6646	0.594	ug/L #	1
13) Acetone	2.22	43	6598	2.564	ug/L	90
15) Methyl Acetate	2.42	43	27999	4.104	ug/L #	56
22) cis-1,2-Dichloroethene	3.96	96	1557	0.109	ug/L	86
34) Trichloroethene	5.96	95	106916	7.837	ug/L	99
35) Methylcyclohexane	6.12	83	19417	0.998	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10092	0.709	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1992	0.111	ug/L #	46
44) trans-1,3-Dichloropropene	7.66	75	1225	0.089	ug/L	94
48) 2-Hexanone	8.14	43	21857	3.063	ug/L #	73

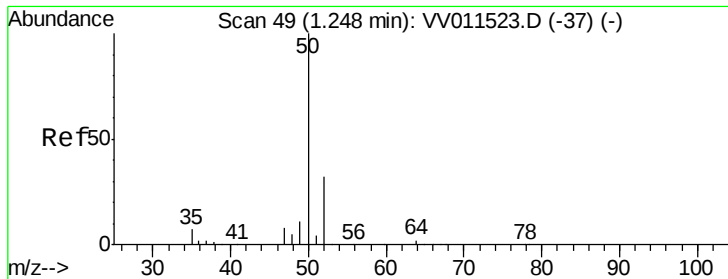
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.163 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011536.D

Acq: 15 Jun 2019 13:41

Instrument :

MSVOA_V

ClientSampled :

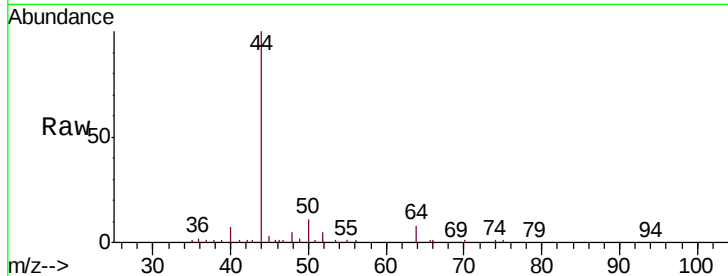
COM73

Tgt Ion: 50 Resp: 2826

Ion Ratio Lower Upper

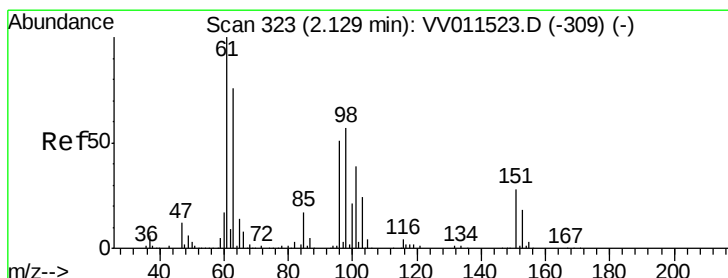
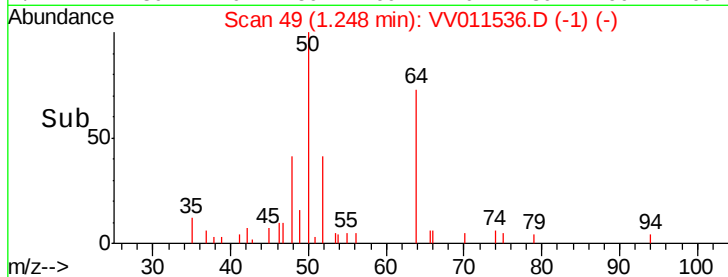
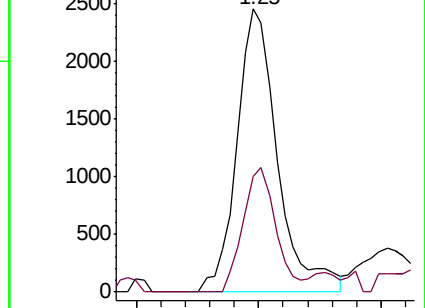
50 100

52 41.1 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011536.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011536.D (-37) (-)



#10

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

Concen: 0.095 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011536.D

Acq: 15 Jun 2019 13:41

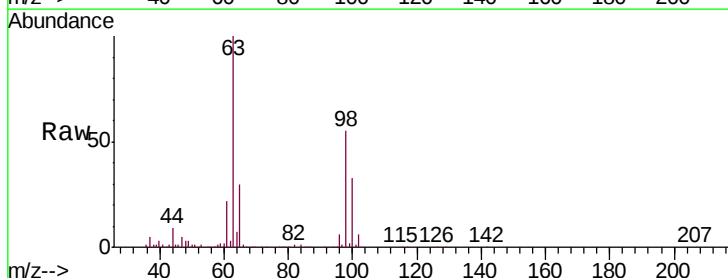
Tgt Ion: 101 Resp: 1026

Ion Ratio Lower Upper

101 100

85 4.1 37.3 55.9#

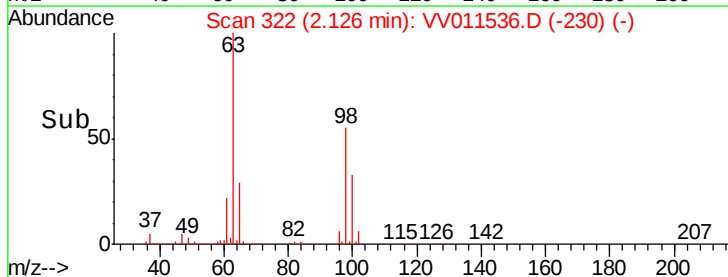
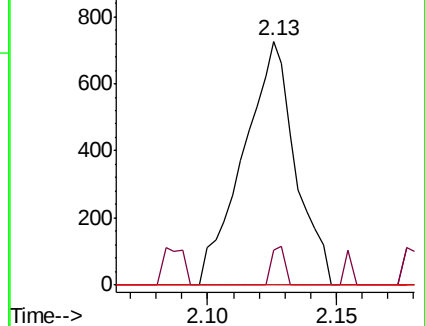
151 0.0 59.4 89.2#

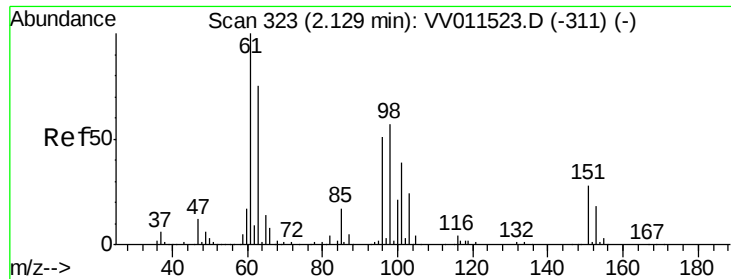


Abundance Ion 101.00 (100.70 to 101.70): VV011536.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV011536.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV011536.D (-230) (-)

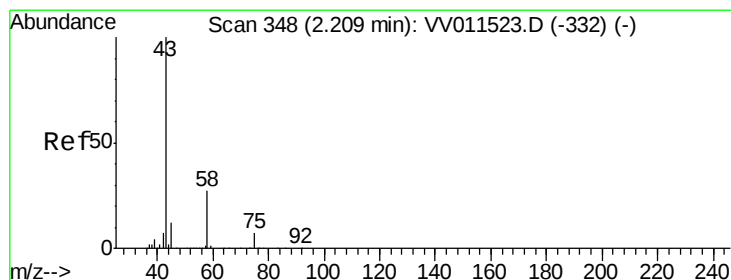
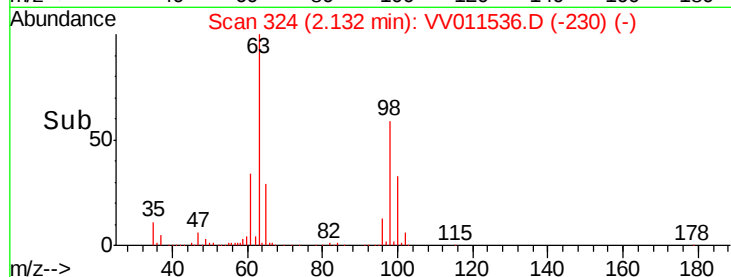
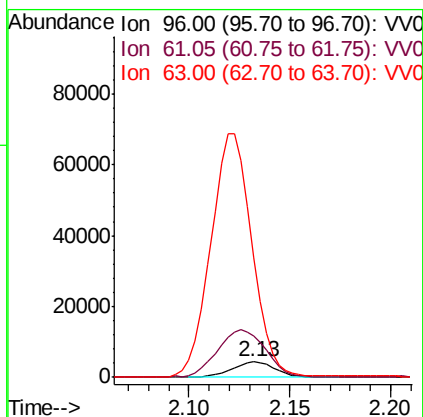
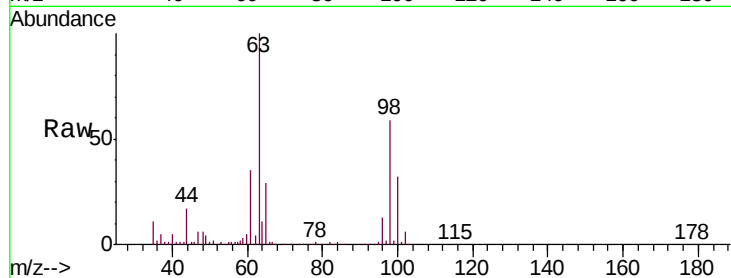




#12
 1,1-Dichloroethene
 Concen: 0.594 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV011536.D
 Acq: 15 Jun 2019 13:41

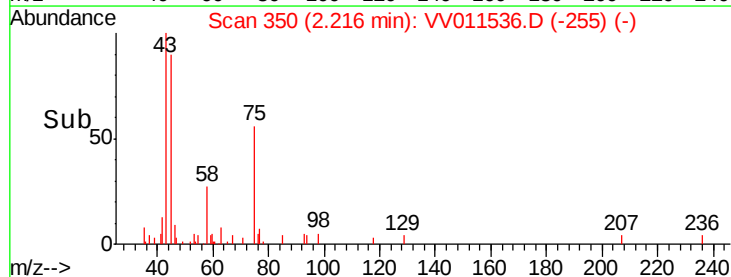
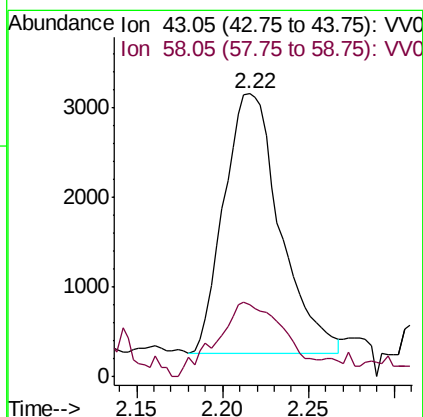
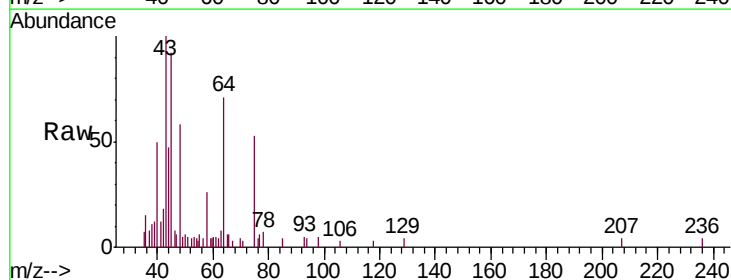
Instrument :
 MSVOA_V
 ClientSampleId :
 COM73

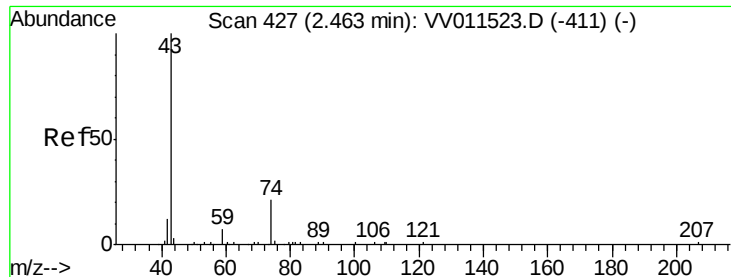
Tgt Ion: 96 Resp: 6646
 Ion Ratio Lower Upper
 96 100
 61 264.2 135.9 252.5#
 63 763.4 86.2 160.2#



#13
 Acetone
 Concen: 2.564 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VV011536.D
 Acq: 15 Jun 2019 13:41

Tgt Ion: 43 Resp: 6598
 Ion Ratio Lower Upper
 43 100
 58 34.5 0.0 57.8

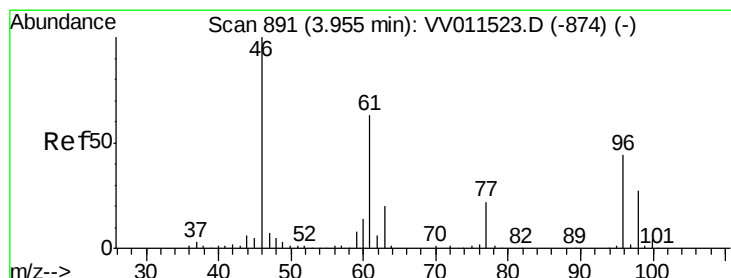
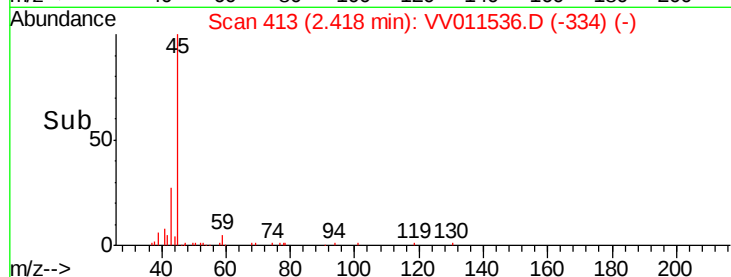
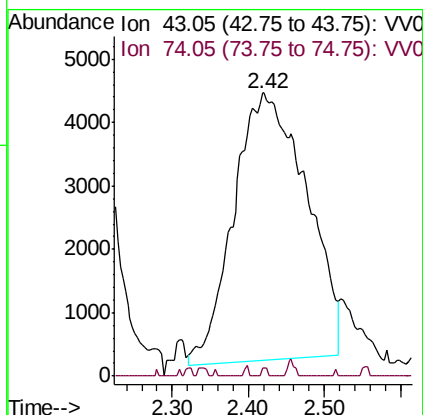
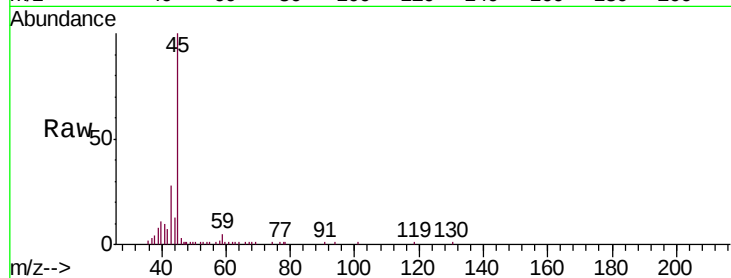




#15
Methyl Acetate
Concen: 4.104 ug/L
RT: 2.42 min Scan# 413
Delta R.T. -0.04 min
Lab File: VV011536.D
Acq: 15 Jun 2019 13:41

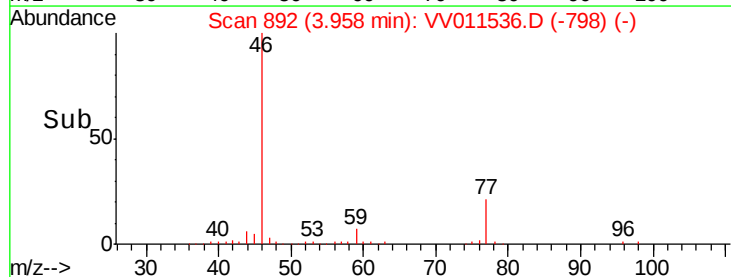
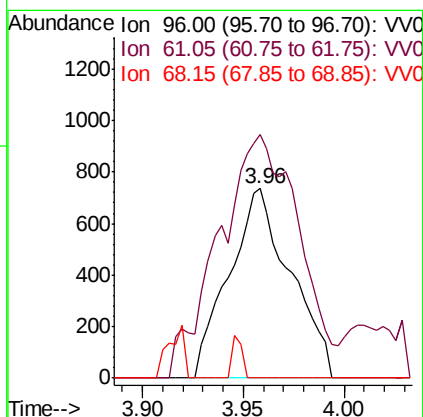
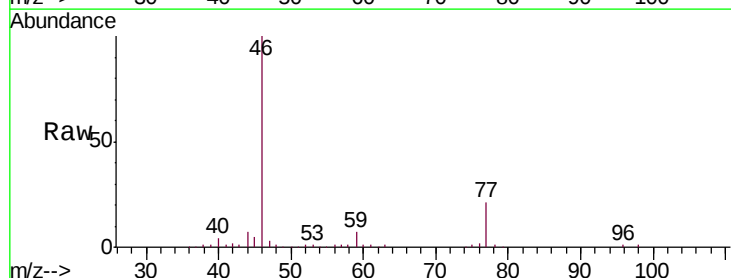
Instrument :
MSVOA_V
ClientSampleId :
COM73

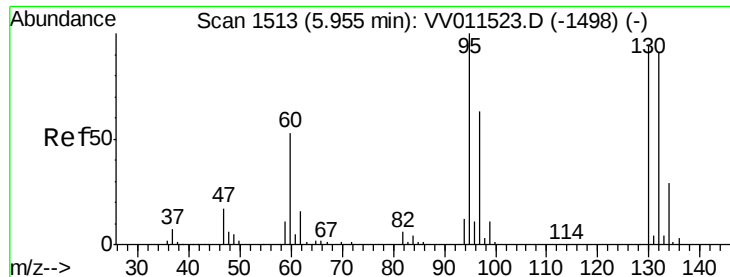
Tgt Ion: 43 Resp: 27999
Ion Ratio Lower Upper
43 100
74 0.3 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011536.D
Acq: 15 Jun 2019 13:41

Tgt Ion: 96 Resp: 1557
Ion Ratio Lower Upper
96 100
61 128.6 102.2 189.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.837 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011536.D

Acq: 15 Jun 2019 13:41

Instrument :

MSVOA_V

ClientSampleId :

COM73

Tgt Ion: 95 Resp: 106916

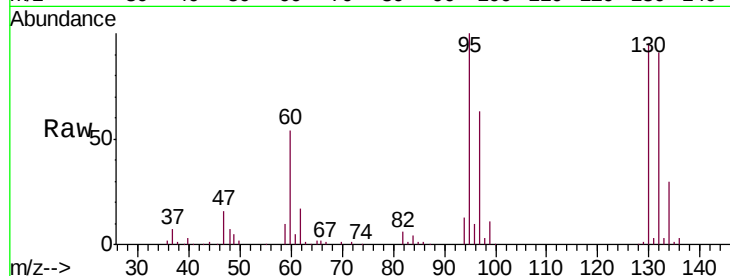
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 90.6 63.5 117.9

130 95.1 68.5 127.3



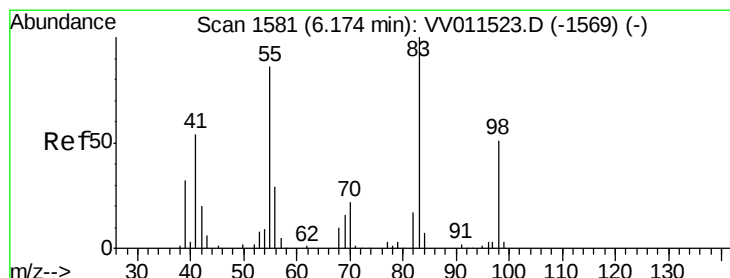
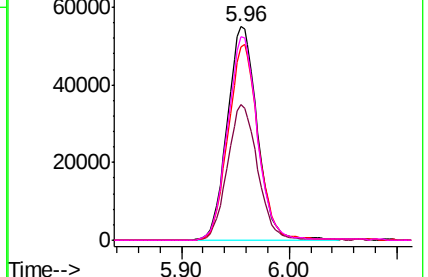
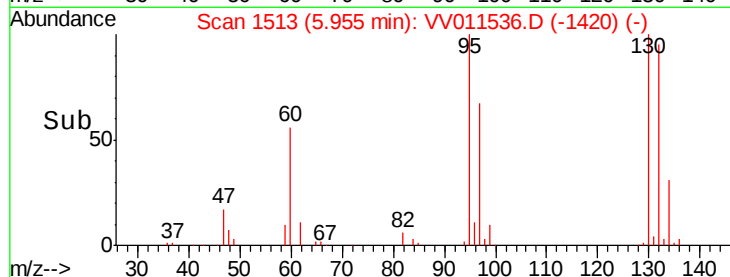
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#35

Methylcyclohexane

Concen: 0.998 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011536.D

Acq: 15 Jun 2019 13:41

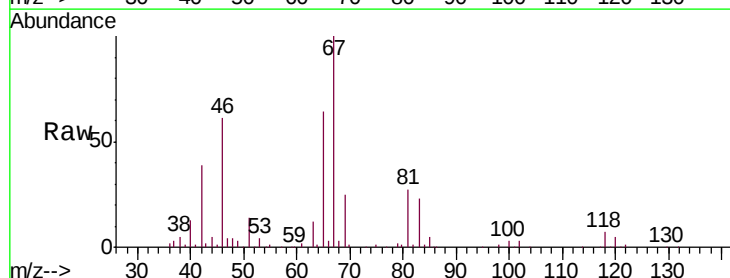
Tgt Ion: 83 Resp: 19417

Ion Ratio Lower Upper

83 100

55 1.3 67.9 101.9#

98 1.8 39.6 59.4#

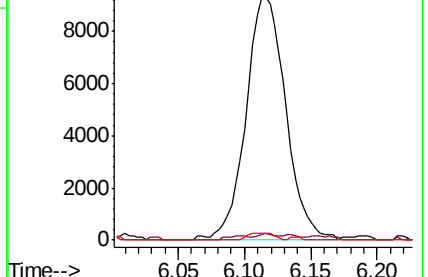
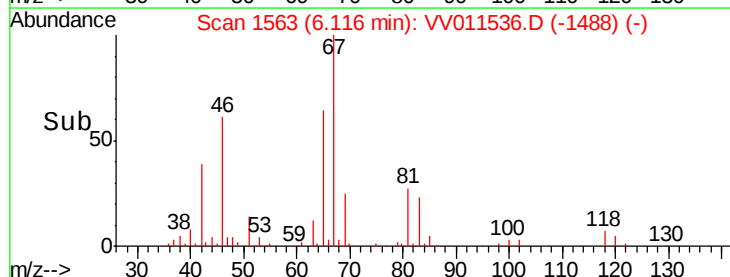


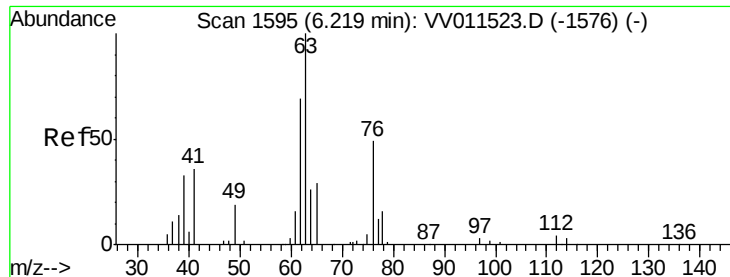
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->

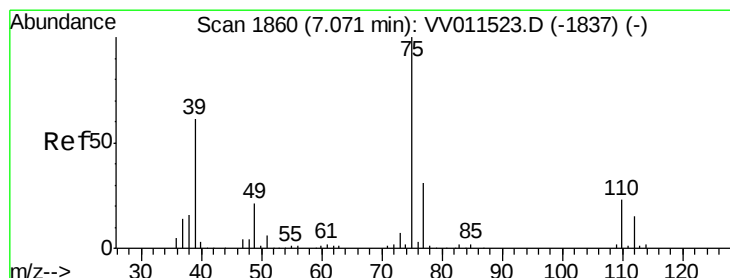
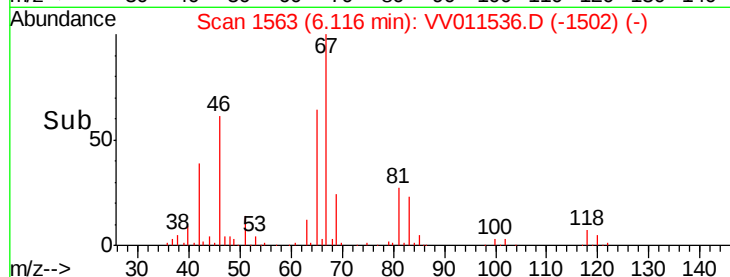
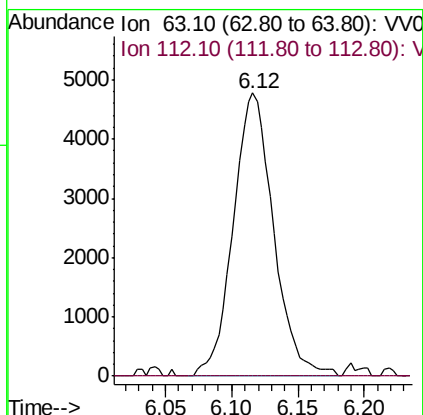
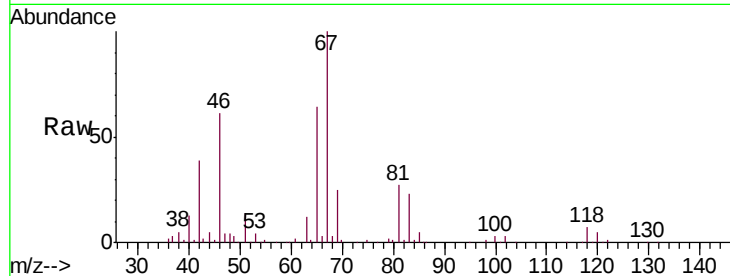




#37
 1,2-Dichloropropane
 Concen: 0.709 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011536.D
 Acq: 15 Jun 2019 13:41

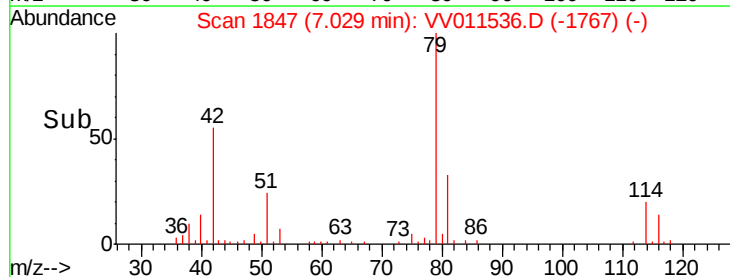
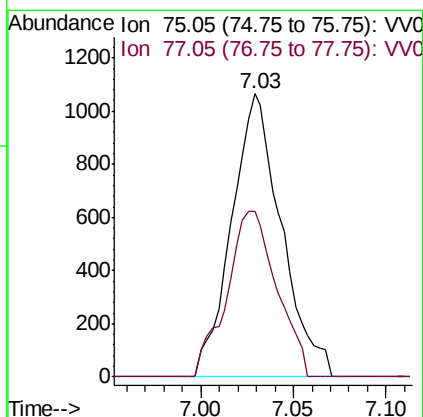
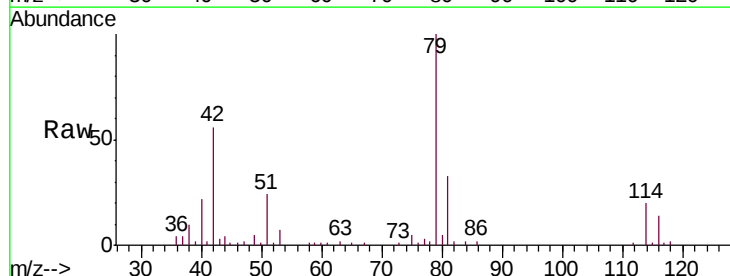
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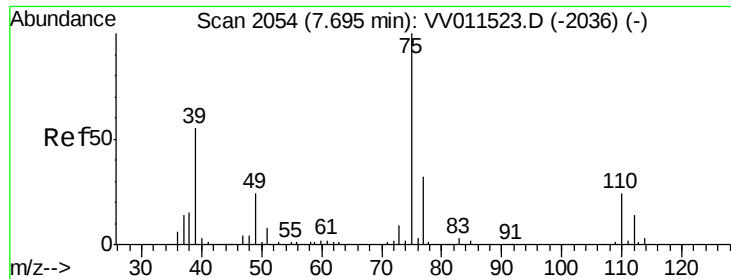
Tgt Ion: 63 Resp: 10092
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011536.D
 Acq: 15 Jun 2019 13:41

Tgt Ion: 75 Resp: 1992
 Ion Ratio Lower Upper
 75 100
 77 58.5 20.6 38.4#





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011536.D

Acq: 15 Jun 2019 13:41

Instrument :

MSVOA_V

ClientSampleId :

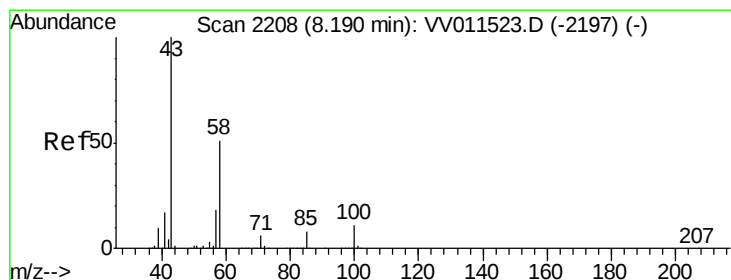
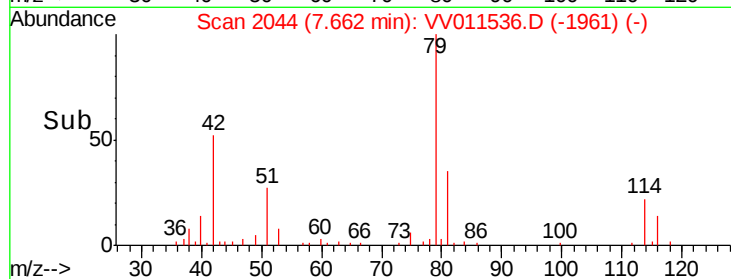
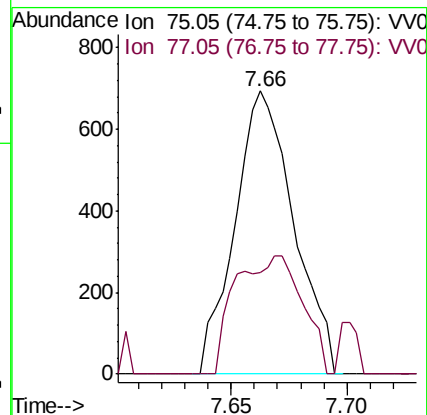
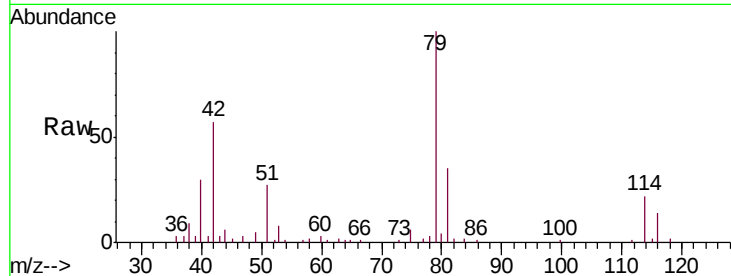
COM73

Tgt Ion: 75 Resp: 1225

Ion Ratio Lower Upper

75 100

77 35.8 22.8 42.4



#48

2-Hexanone

Concen: 3.063 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011536.D

Acq: 15 Jun 2019 13:41

Tgt Ion: 43 Resp: 21857

Ion Ratio Lower Upper

43 100

58 29.9 40.6 60.8#

57 26.4 14.2 21.4#

100 1.1 8.6 12.8#

