

Data File : VV012880.D
Acq On : 17 Sep 2019 22:52
Operator : SY/MD
Sample : K4892-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMQ3

Quant Time: Sep 18 01:13:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	384069	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	135348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185034	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	148987	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	225140	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.98	46	370863	46.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	4.40	84	297774	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	156811	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	612562	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	192001	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	492505	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	60588	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	285014	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140835	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	162536	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

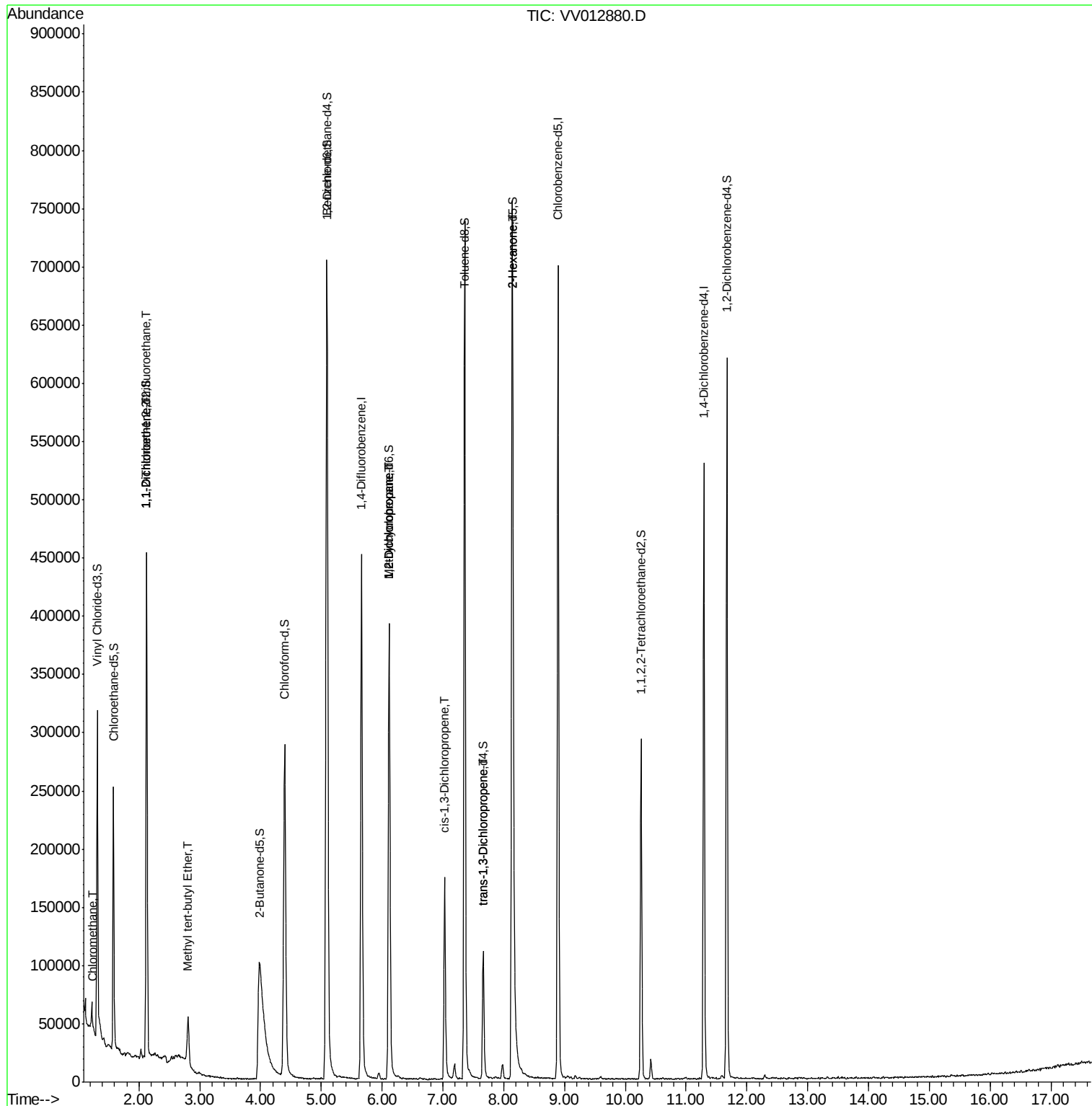
						Qvalue
3) Chloromethane	1.25	50	4283	0.160	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2062	0.091	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1899	0.092	ug/L #	1
17) Methyl tert-butyl Ether	2.81	73	47280	0.812	ug/L	97
35) Methylcyclohexane	6.12	83	45399	1.333	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	20586	0.767	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4582	0.129	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	2812	0.099	ug/L #	73
48) 2-Hexanone	8.14	43	44140	3.534	ug/L #	75

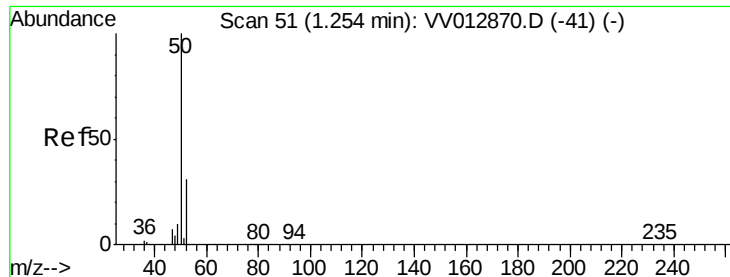
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012880.D

Acq: 17 Sep 2019 22:52

Instrument :

MSVOA_V

ClientSampled :

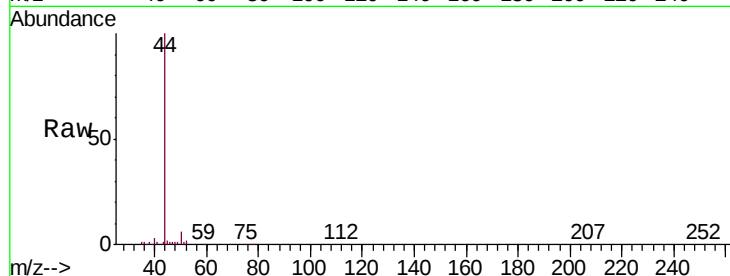
COMQ3

Tgt Ion: 50 Resp: 4283

Ion Ratio Lower Upper

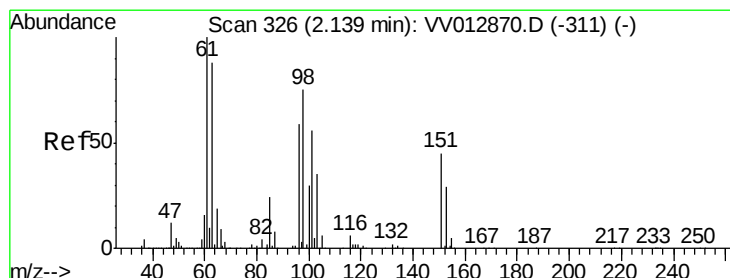
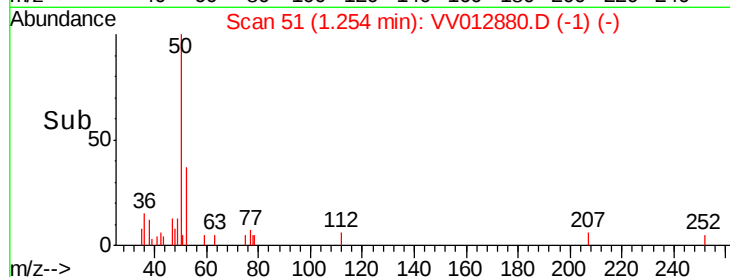
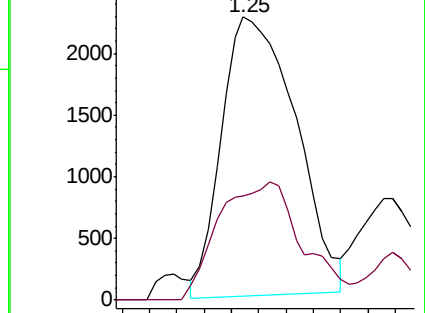
50 100

52 36.7 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV012870.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV012870.D (-41) (-)



#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012880.D

Acq: 17 Sep 2019 22:52

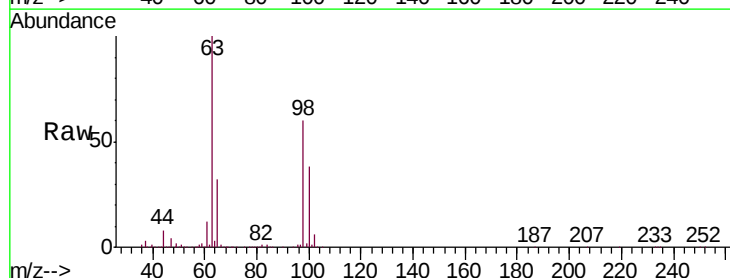
Tgt Ion: 101 Resp: 2062

Ion Ratio Lower Upper

101 100

85 2.3 33.5 50.3#

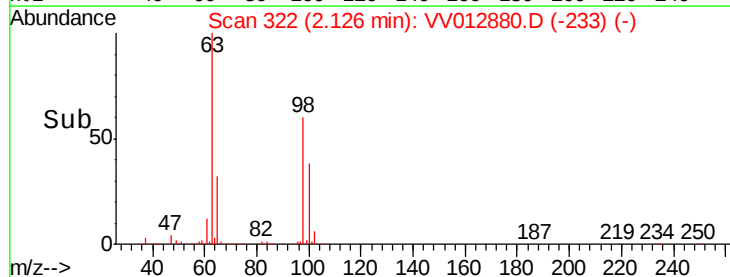
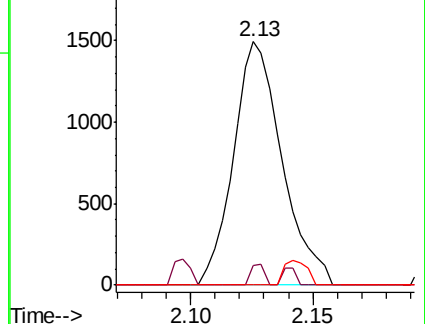
151 0.0 64.0 96.0#

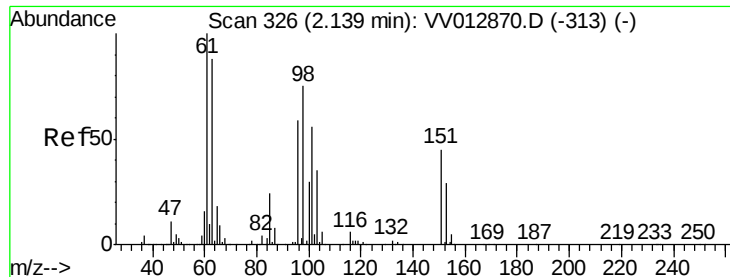


Abundance Ion 101.00 (100.70 to 101.70): VV012870.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV012870.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV012870.D (-311) (-)





#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012880.D

Acq: 17 Sep 2019 22:52

Instrument :

MSVOA_V

ClientSampleId :

COMQ3

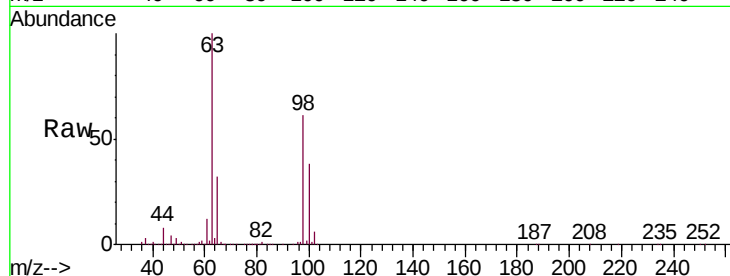
Tgt Ion: 96 Resp: 1899

Ion Ratio Lower Upper

96 100

61 1310.0 116.1 215.5#

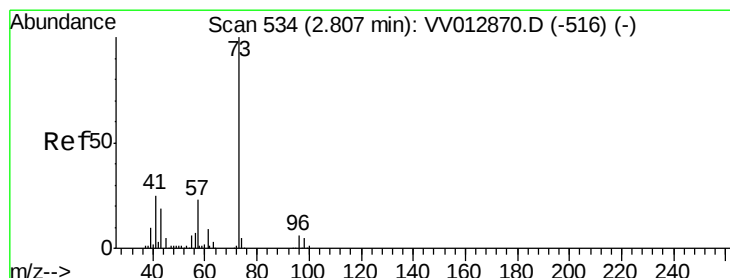
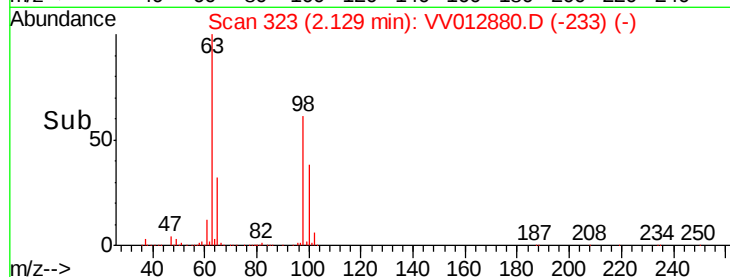
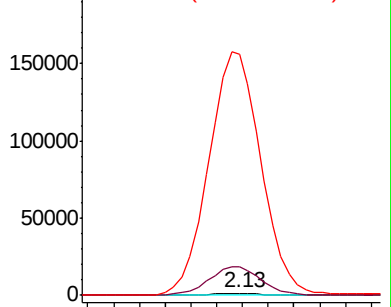
63 11187.4 113.3 210.3#



Abundance Ion 96.00 (95.70 to 96.70): VV012880.D (-233) (-)

Ion 61.05 (60.75 to 61.75): VV012880.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV012880.D (-233) (-)



#17

Methyl tert-butyl Ether

Concen: 0.812 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012880.D

Acq: 17 Sep 2019 22:52

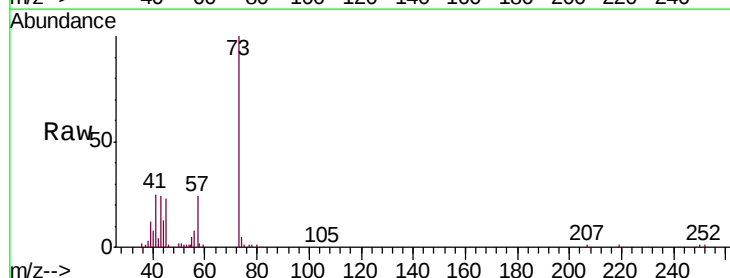
Tgt Ion: 73 Resp: 47280

Ion Ratio Lower Upper

73 100

43 16.9 15.0 22.4

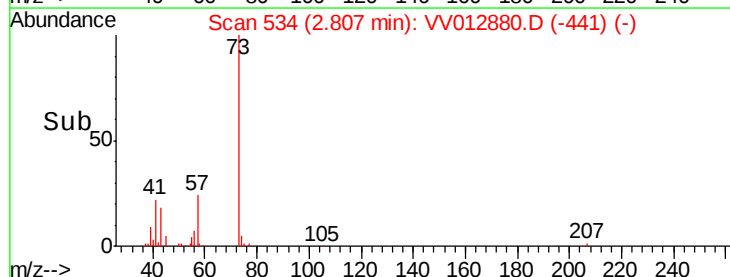
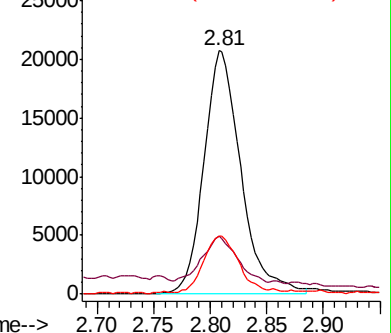
57 21.8 17.9 26.9

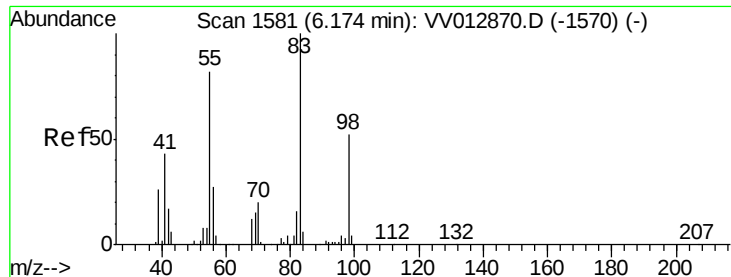


Abundance Ion 73.10 (72.80 to 73.80): VV012880.D (-441) (-)

Ion 43.05 (42.75 to 43.75): VV012880.D (-441) (-)

Ion 57.10 (56.80 to 57.80): VV012880.D (-441) (-)

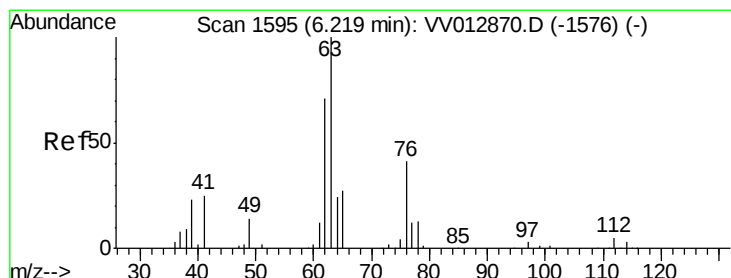
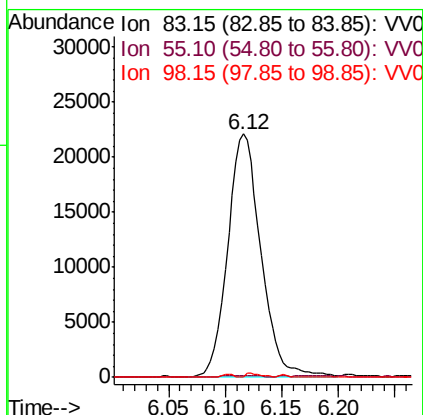
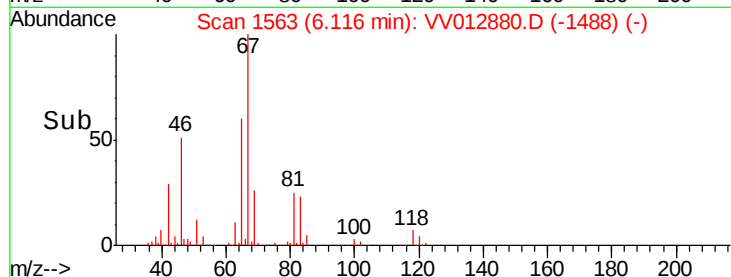
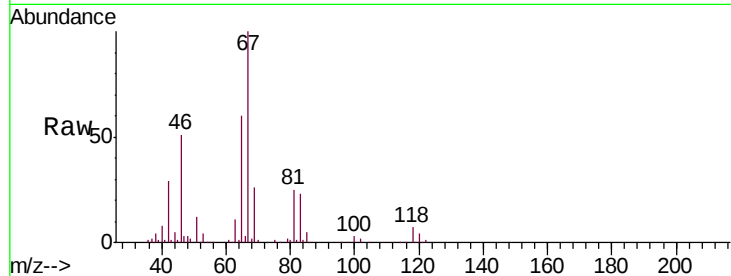




#35
Methylcyclohexane
Concen: 1.333 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012880.D
Acq: 17 Sep 2019 22:52

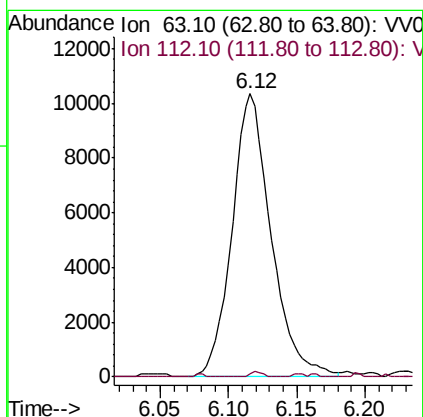
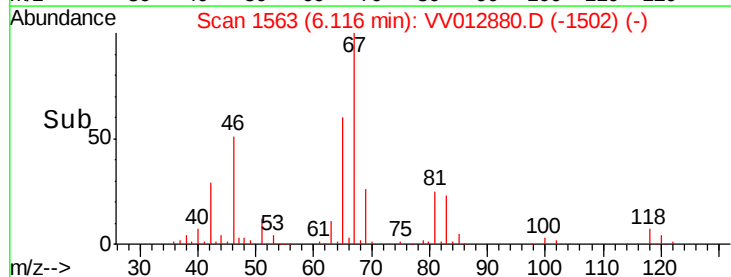
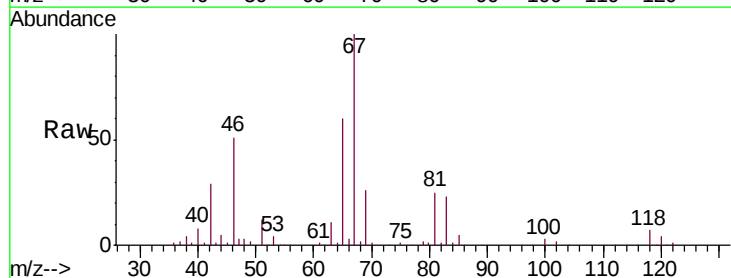
Instrument :
MSVOA_V
ClientSampleId :
COMQ3

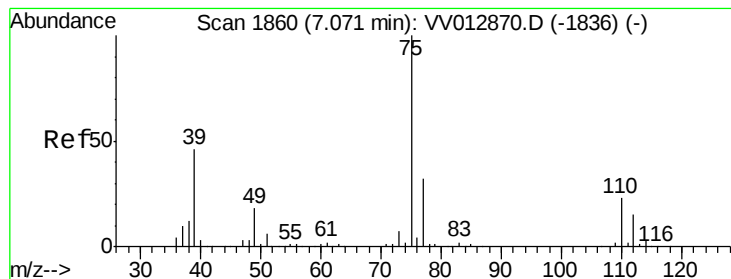
Tgt Ion: 83 Resp: 45399
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 0.7 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.767 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012880.D
Acq: 17 Sep 2019 22:52

Tgt Ion: 63 Resp: 20586
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#



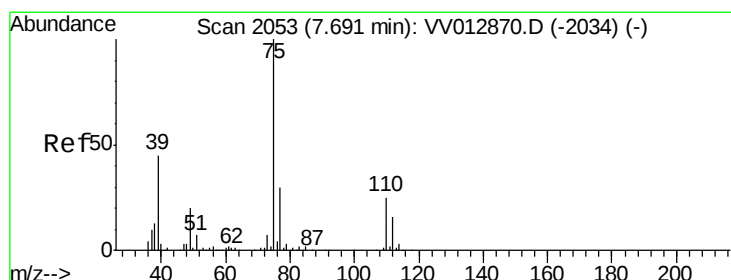
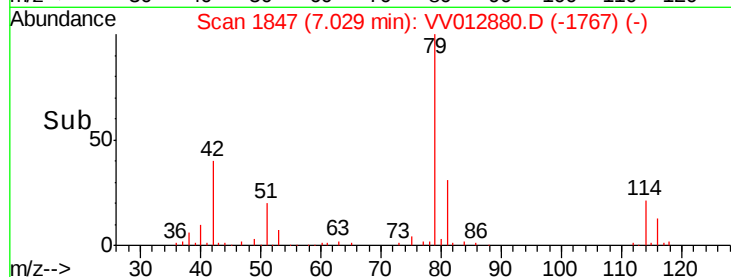
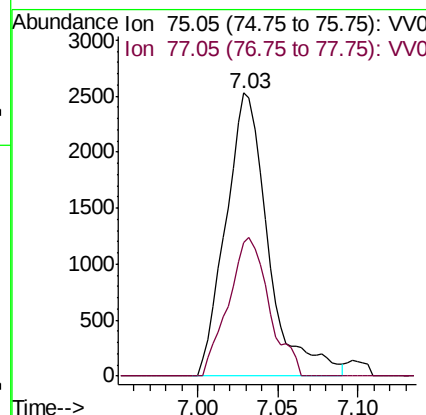
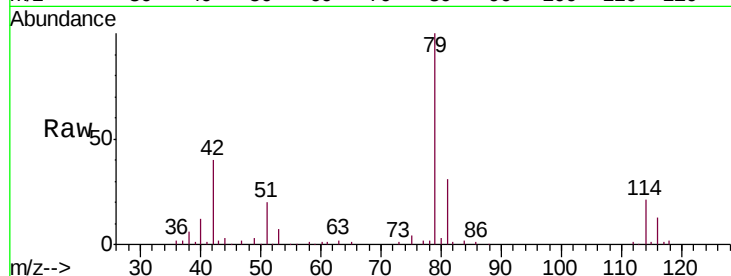


#39

cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012880.D
Acq: 17 Sep 2019 22:52

Instrument :
MSVOA_V
ClientSampleId :
COMQ3

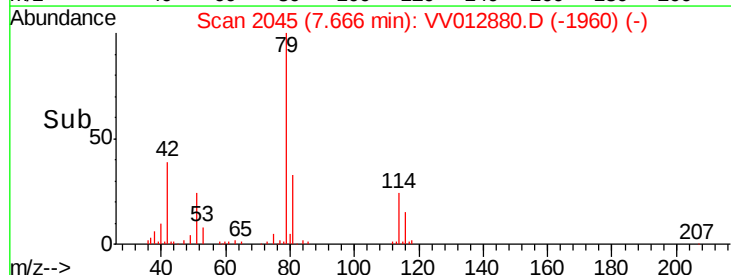
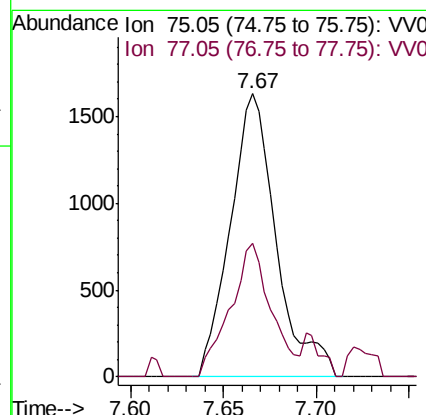
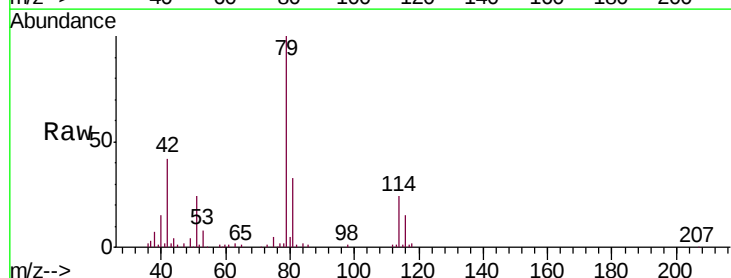
Tgt Ion: 75 Resp: 4582
Ion Ratio Lower Upper
75 100
77 47.4 21.6 40.0#

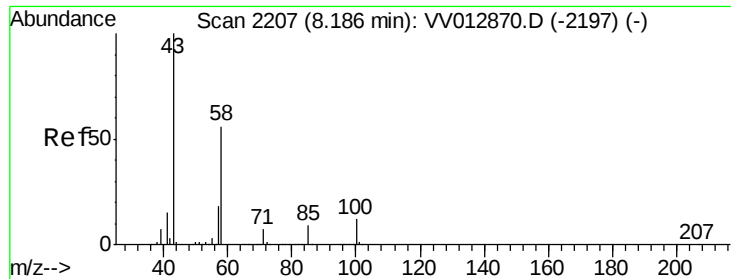


#44

trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012880.D
Acq: 17 Sep 2019 22:52

Tgt Ion: 75 Resp: 2812
Ion Ratio Lower Upper
75 100
77 47.1 22.5 41.7#





#48
 2-Hexanone
 Concen: 3.534 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV012880.D
 Acq: 17 Sep 2019 22:52

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ3

Tgt Ion: 43 Resp: 44140
 Ion Ratio Lower Upper
 43 100
 58 38.1 44.5 66.7#
 57 32.1 15.0 22.6#
 100 3.3 9.7 14.5#

