

Data File : VV012872.D
Acq On : 17 Sep 2019 19:21
Operator : SY/MD
Sample : K4834-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COME0

Quant Time: Sep 18 01:12:17 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	392814	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204581	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	164474	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	249706	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.97	46	463334	56.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.82%
24) Chloroform-d	4.40	84	331101	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.08	65	175613	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.09	84	690589	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	214063	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.36	98	573954	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.66	79	73333	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.14	63	336242	57.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	159439	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	201930	6.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.60%#

Target Compounds

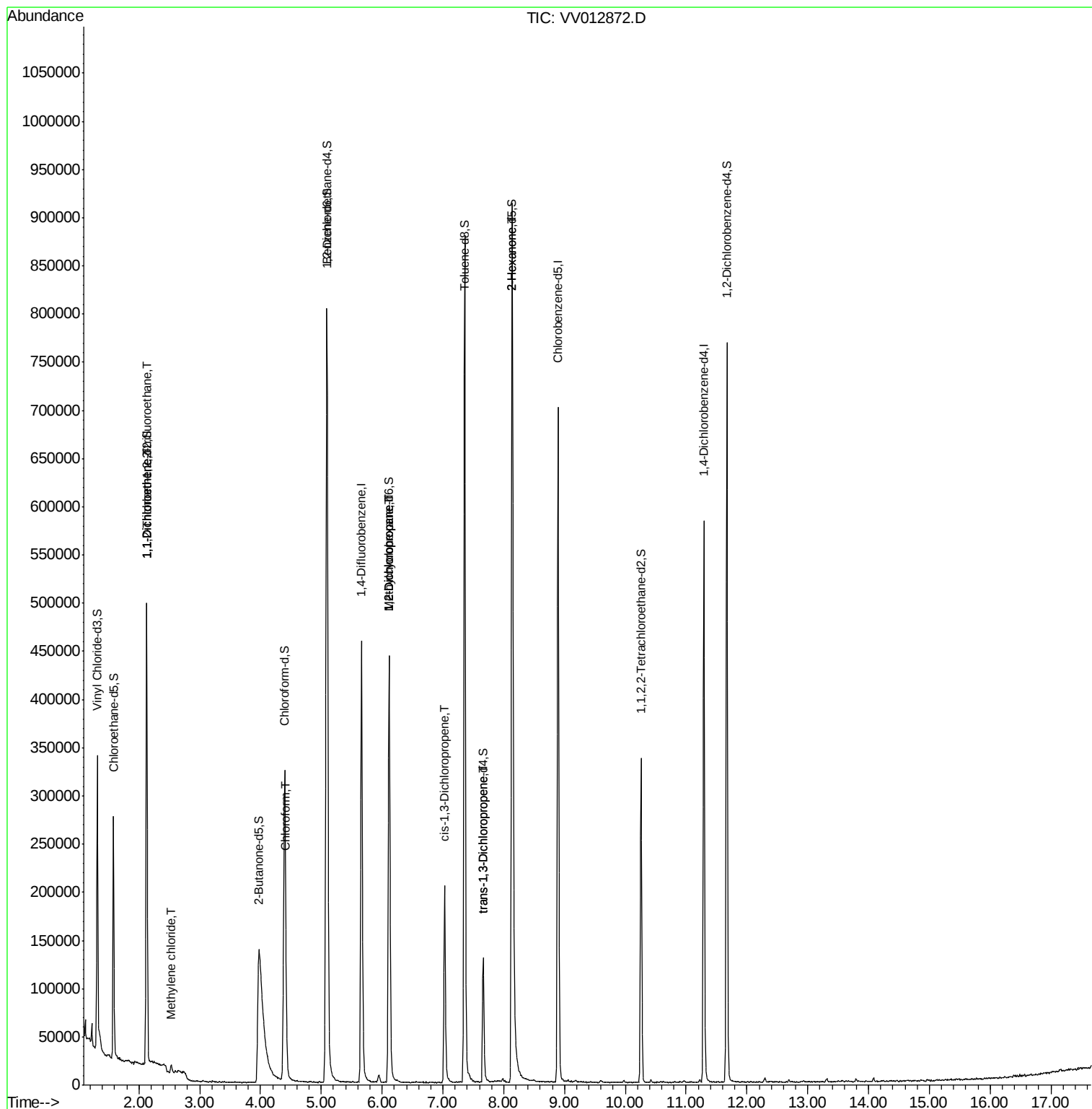
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2761	0.119	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	2245	0.107	ug/L #	1
16) Methylene chloride	2.53	84	3865	0.149	ug/L	96
25) Chloroform	4.42	83	11722	0.216	ug/L	98
35) Methylcyclohexane	6.12	83	50984	1.475	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	24182	0.888	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	5199	0.144	ug/L #	50
44) trans-1,3-Dichloropropene	7.66	75	3433	0.119	ug/L	99
48) 2-Hexanone	8.14	43	49854	3.933	ug/L #	79

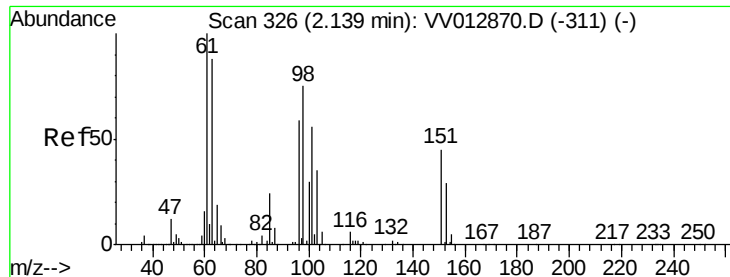
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.119 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012872.D

Acq: 17 Sep 2019 19:21

Instrument :

MSVOA_V

ClientSampleId :

COME0

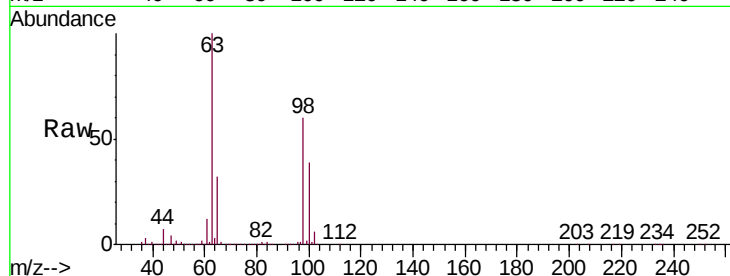
Tgt Ion:101 Resp: 2761

Ion Ratio Lower Upper

101 100

85 4.7 33.5 50.3#

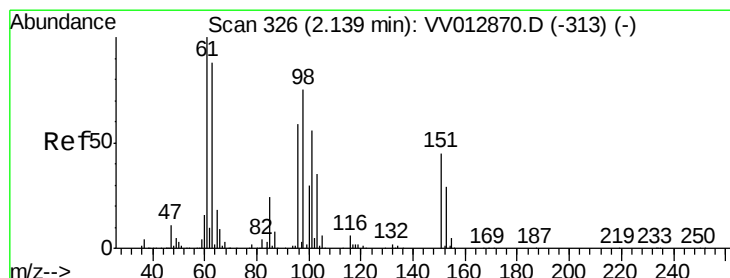
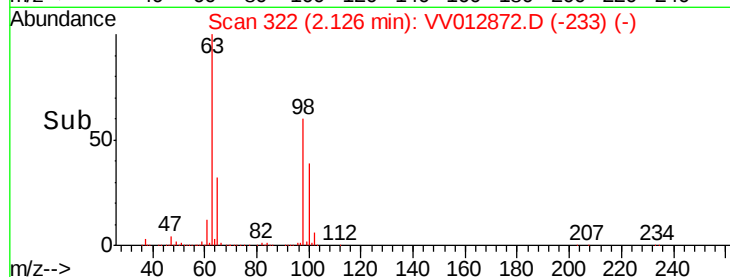
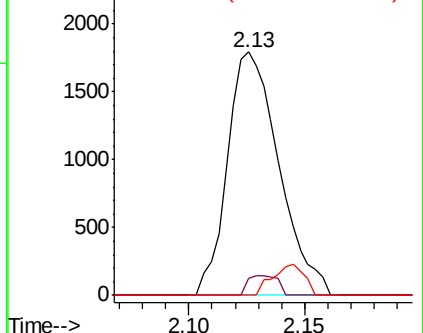
151 7.9 64.0 96.0#



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



#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012872.D

Acq: 17 Sep 2019 19:21

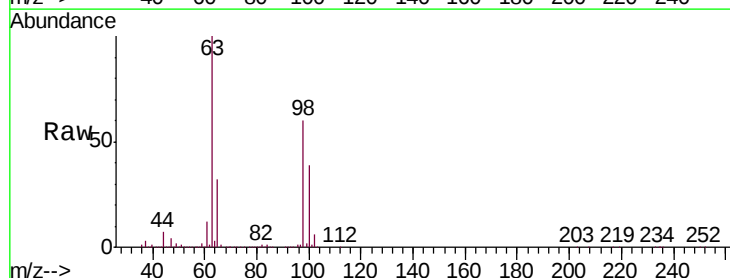
Tgt Ion: 96 Resp: 2245

Ion Ratio Lower Upper

96 100

61 1265.3 116.1 215.5#

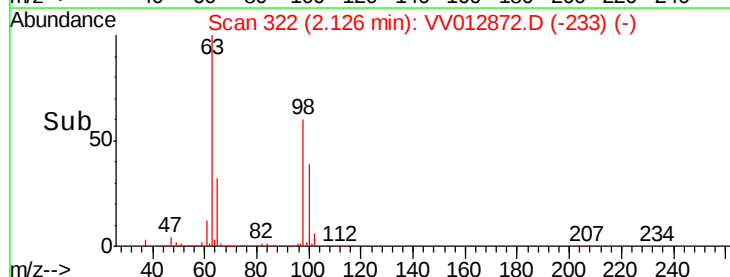
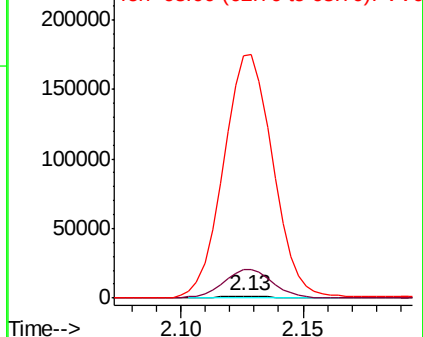
63 10714.0 113.3 210.3#

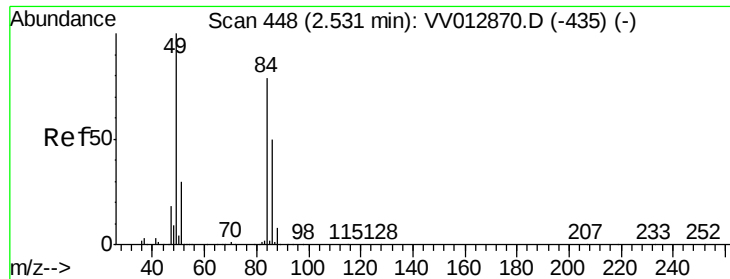


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

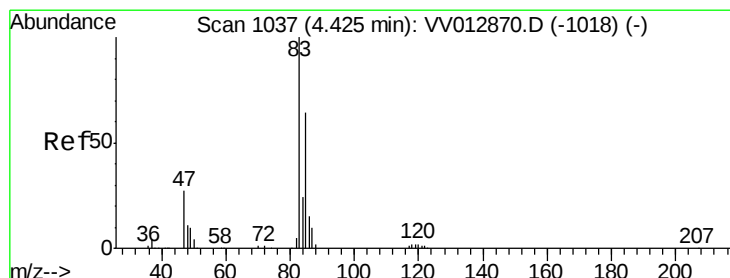
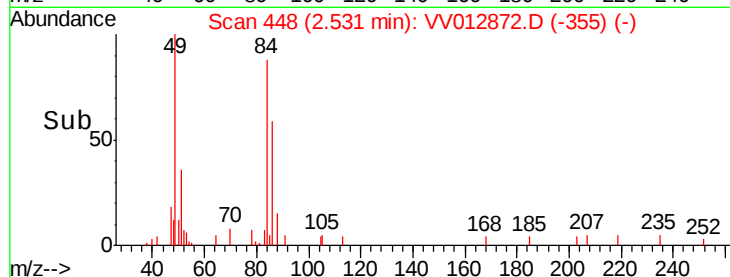
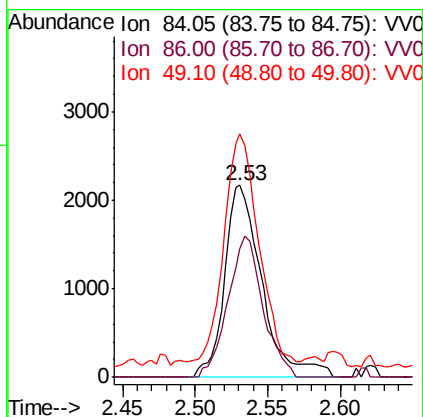
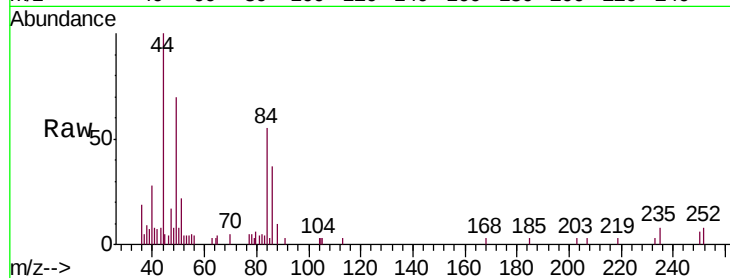




#16
Methylene chloride
Concen: 0.149 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012872.D
Acq: 17 Sep 2019 19:21

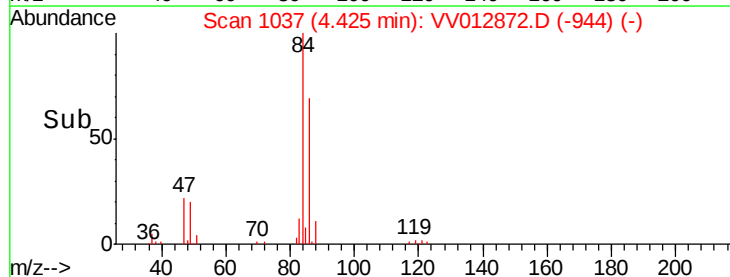
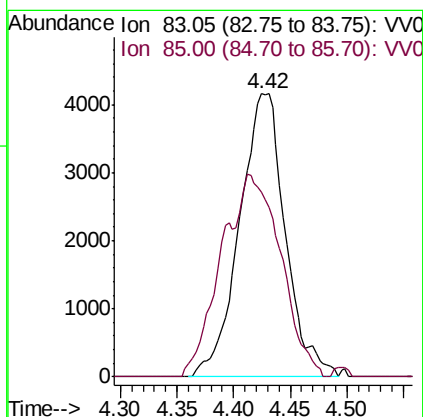
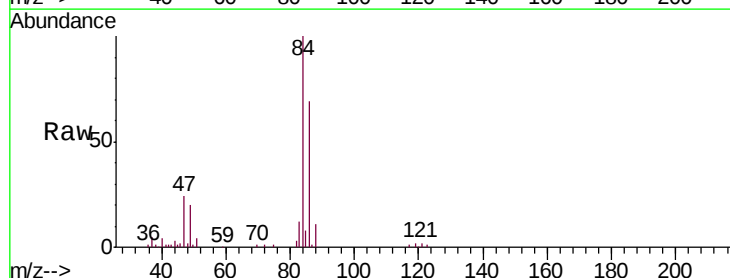
Instrument :
MSVOA_V
ClientSampleId :
COMEO

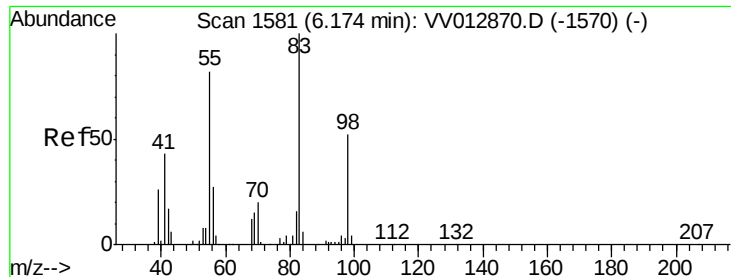
Tgt Ion: 84 Resp: 3865
Ion Ratio Lower Upper
84 100
86 67.2 44.8 83.2
49 126.9 85.9 159.5



#25
Chloroform
Concen: 0.216 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012872.D
Acq: 17 Sep 2019 19:21

Tgt Ion: 83 Resp: 11722
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5

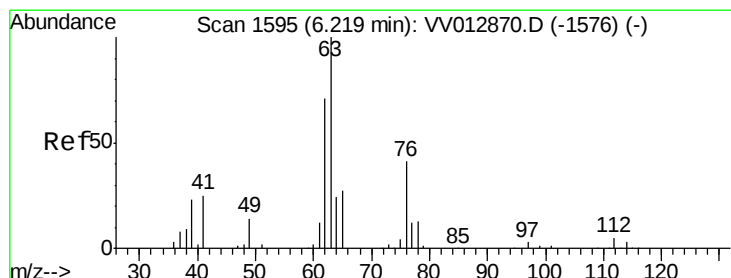
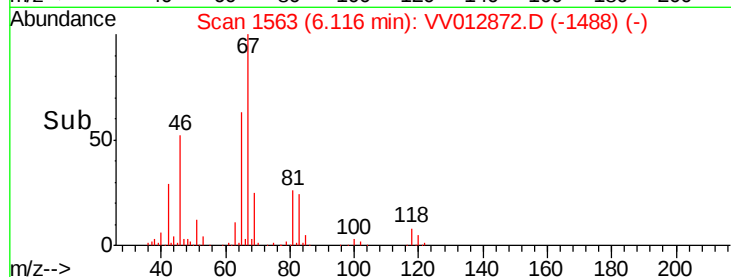
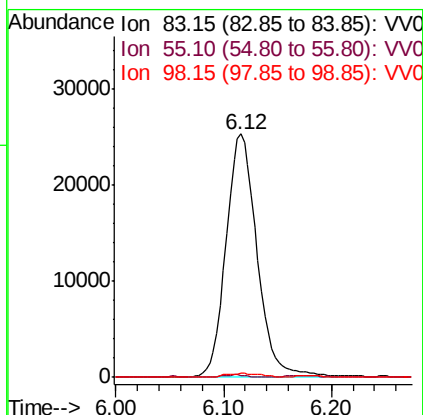
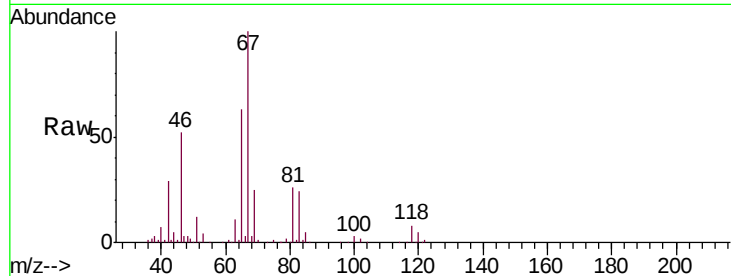




#35
Methylcyclohexane
Concen: 1.475 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012872.D
Acq: 17 Sep 2019 19:21

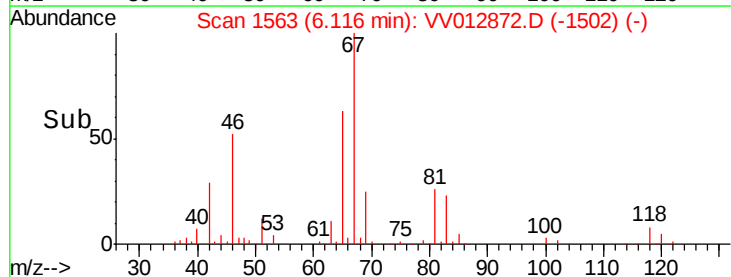
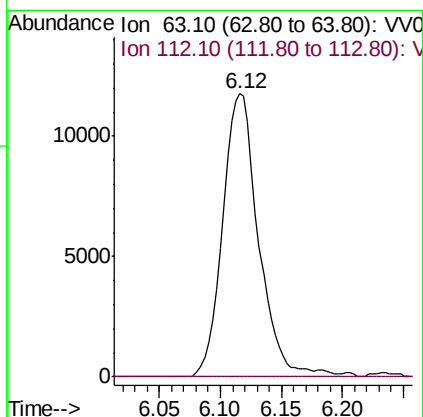
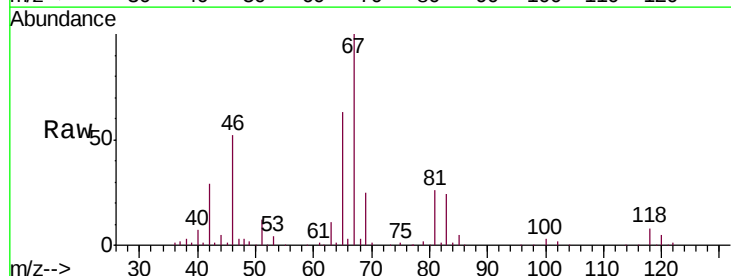
Instrument :
MSVOA_V
ClientSampleId :
COMEO

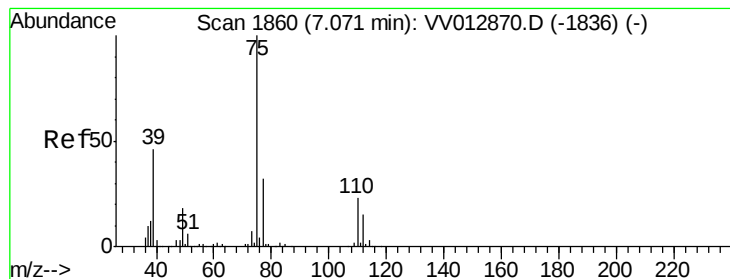
Tgt Ion: 83 Resp: 50984
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 0.2 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.888 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012872.D
Acq: 17 Sep 2019 19:21

Tgt Ion: 63 Resp: 24182
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#



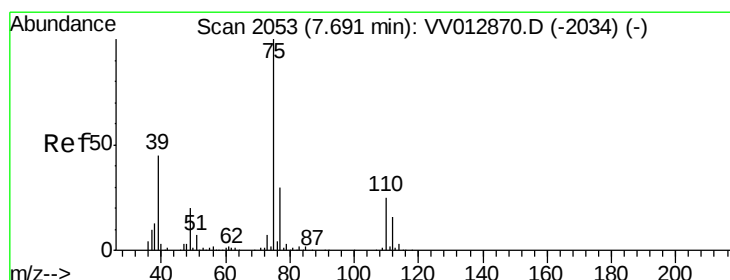
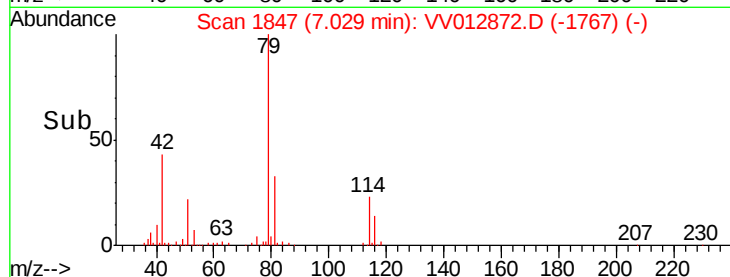
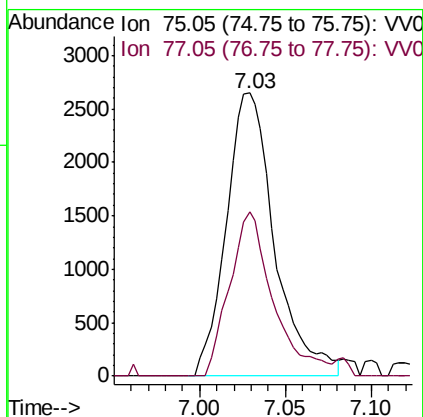
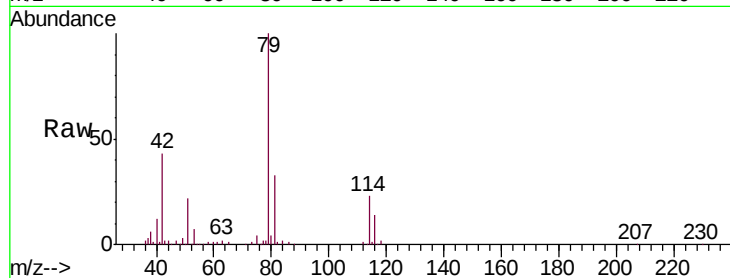


#39

cis-1,3-Dichloropropene
 Concen: 0.144 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012872.D
 Acq: 17 Sep 2019 19:21

Instrument :
 MSVOA_V
 ClientSampled :
 COMEO

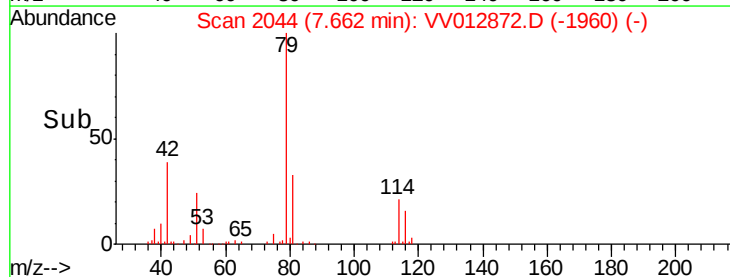
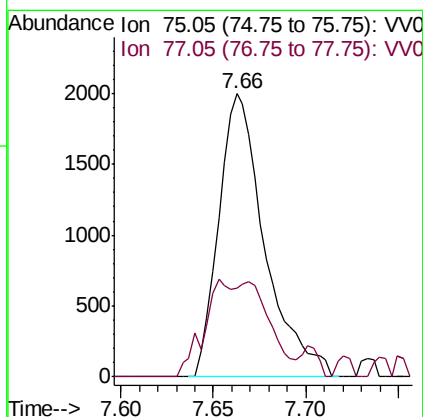
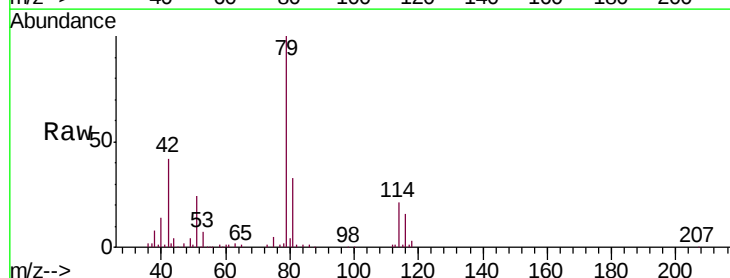
Tgt Ion: 75 Resp: 5199
 Ion Ratio Lower Upper
 75 100
 77 58.0 21.6 40.0#

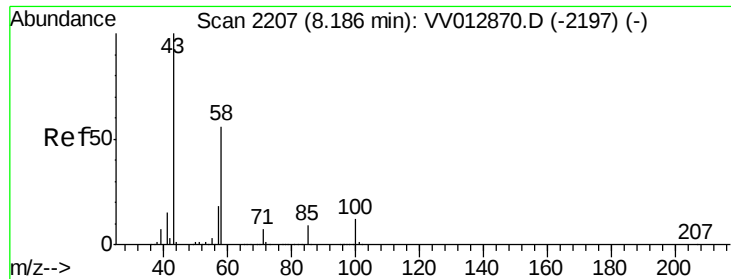


#44

trans-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012872.D
 Acq: 17 Sep 2019 19:21

Tgt Ion: 75 Resp: 3433
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.7





#48
 2-Hexanone
 Concen: 3.933 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV012872.D
 Acq: 17 Sep 2019 19:21

Instrument :
 MSVOA_V
 ClientSampleId :
 COMEO

Tgt Ion: 43 Resp: 49854
 Ion Ratio Lower Upper
 43 100
 58 42.0 44.5 66.7#
 57 30.1 15.0 22.6#
 100 2.3 9.7 14.5#

