

Data File : VV012851.D
Acq On : 16 Sep 2019 22:15
Operator : SY/MD
Sample : K4834-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COME1

Quant Time: Sep 17 07:27:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	373885	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	131469	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120548	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	99932	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	152939	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.98	46	239039	66.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.58%#
24) Chloroform-d	4.40	84	203012	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	101698	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.09	84	401407	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	124682	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	300662	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	36452	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	107968	49.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	71092	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	104596	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

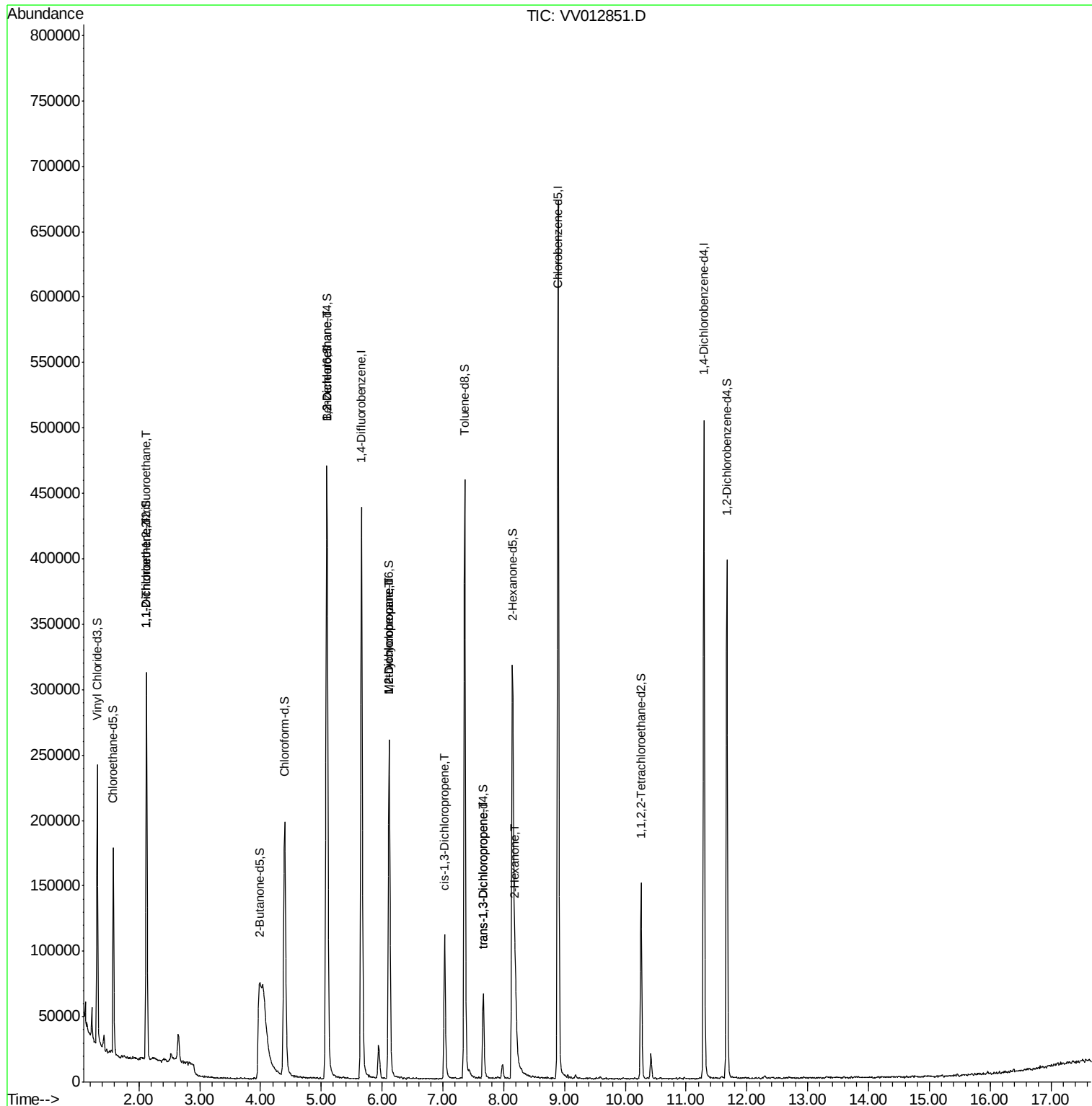
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1562	0.070	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1542	0.076	ug/L #	1
27) 1,2-Dichloroethane	5.09	62	2315	0.087	ug/L	96
35) Methylcyclohexane	6.12	83	28853	0.896	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13330	0.540	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	2965	0.097	ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	1617	0.066	ug/L	98
48) 2-Hexanone	8.19	43	46540	4.469	ug/L #	85

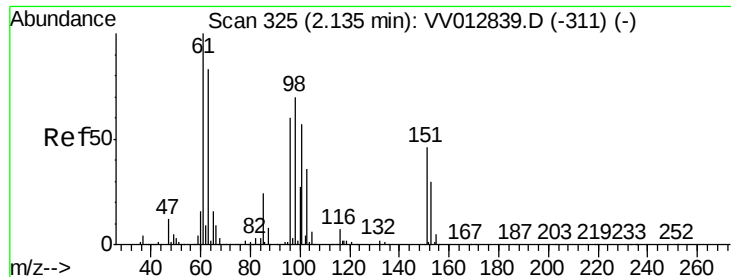
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.070 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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COME1

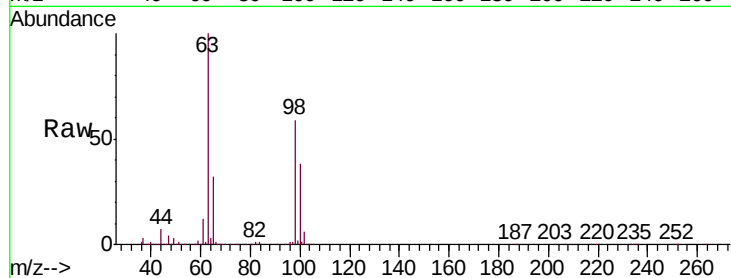
Tgt Ion: 101 Resp: 1562

Ion Ratio Lower Upper

101 100

85 1.3 32.9 49.3#

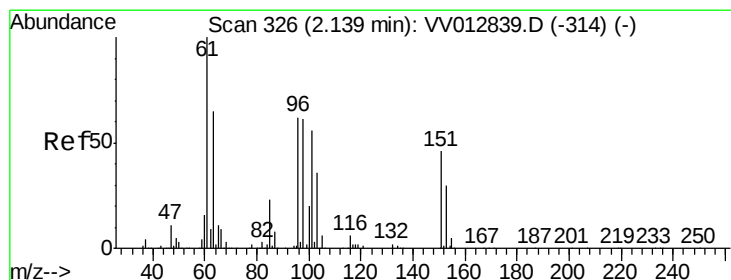
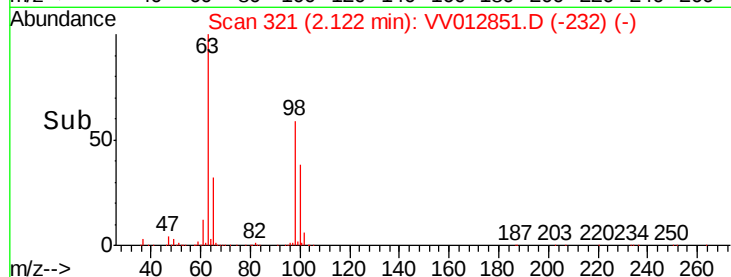
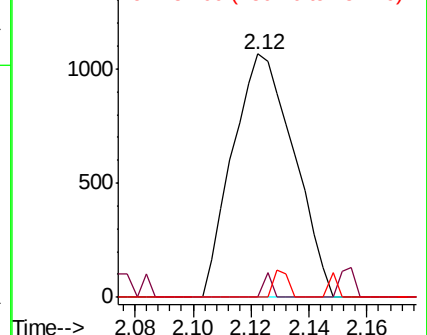
151 2.8 65.0 97.6#



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: 0.076 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012851.D

Acq: 16 Sep 2019 22:15

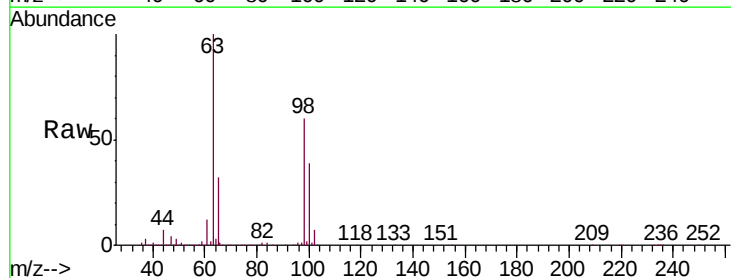
Tgt Ion: 96 Resp: 1542

Ion Ratio Lower Upper

96 100

61 1245.9 120.1 223.1#

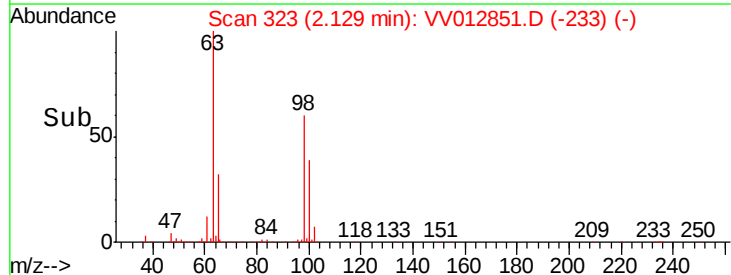
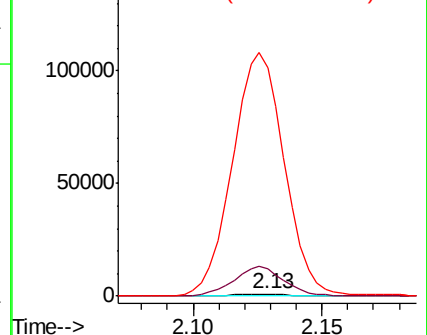
63 10638.4 88.3 164.1#

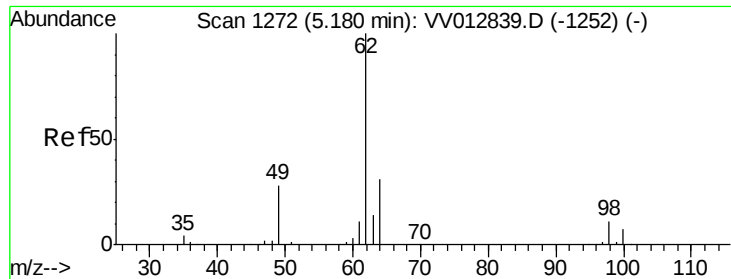


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

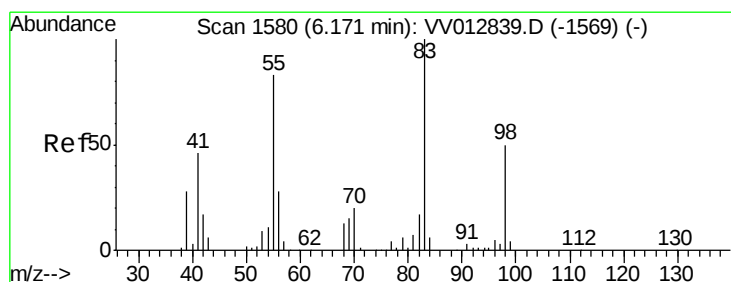
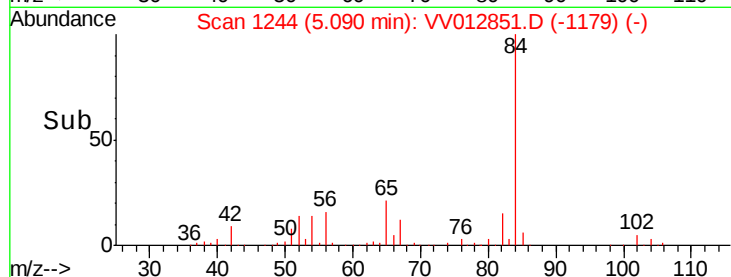
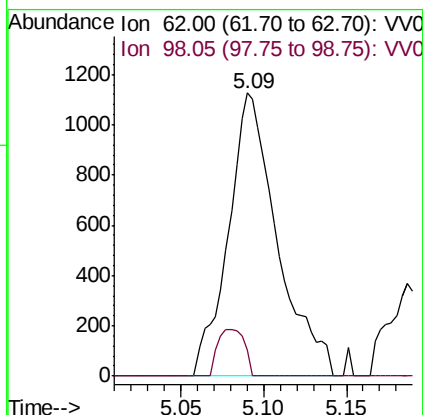
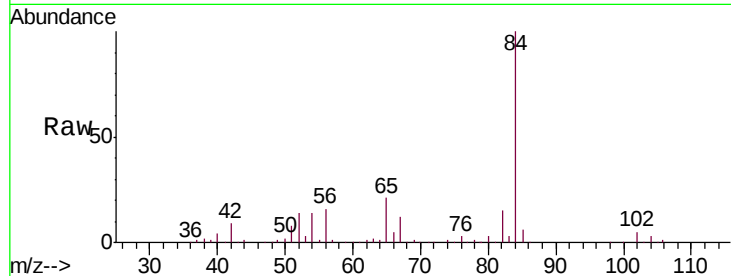




#27
 1,2-Dichloroethane
 Concen: 0.087 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV012851.D
 Acq: 16 Sep 2019 22:15

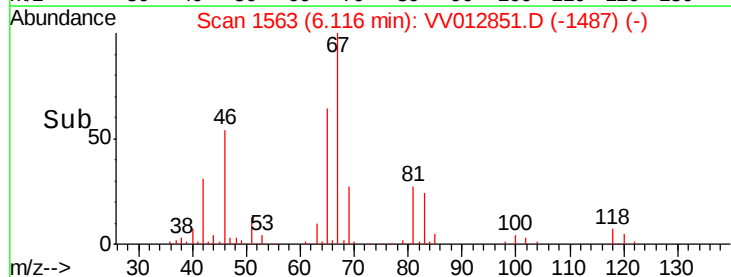
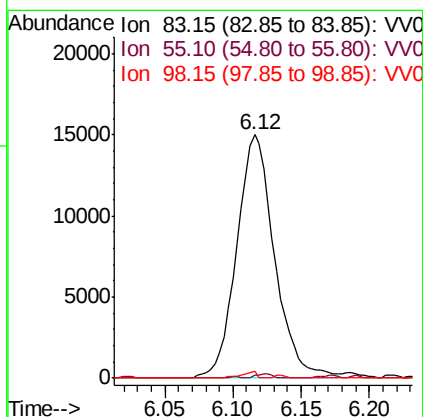
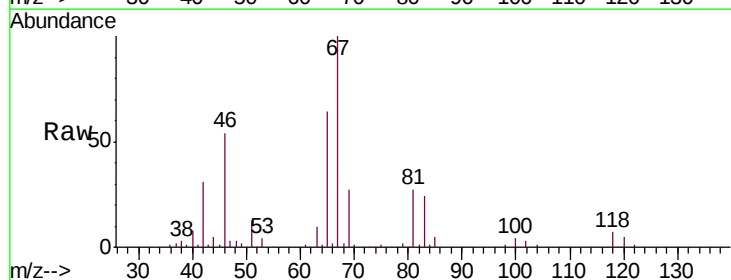
Instrument :
 MSVOA_V
 ClientSampleId :
 COME1

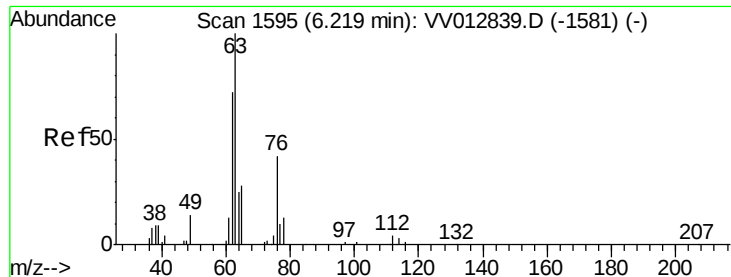
Tgt Ion: 62 Resp: 2315
 Ion Ratio Lower Upper
 62 100
 98 9.1 8.3 12.5



#35
 Methylcyclohexane
 Concen: 0.896 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV012851.D
 Acq: 16 Sep 2019 22:15

Tgt Ion: 83 Resp: 28853
 Ion Ratio Lower Upper
 83 100
 55 0.7 65.4 98.2#
 98 1.1 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012851.D

Acq: 16 Sep 2019 22:15

Instrument :

MSVOA_V

ClientSampleId :

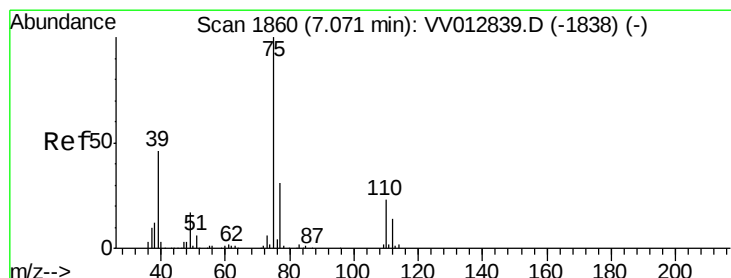
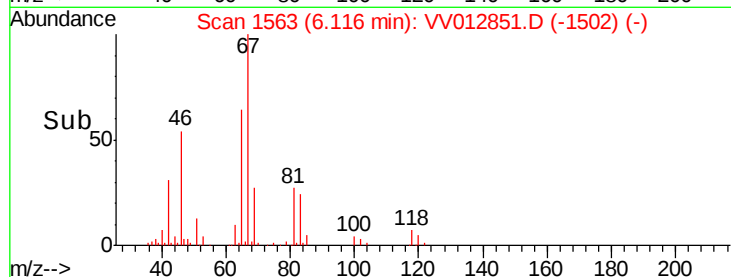
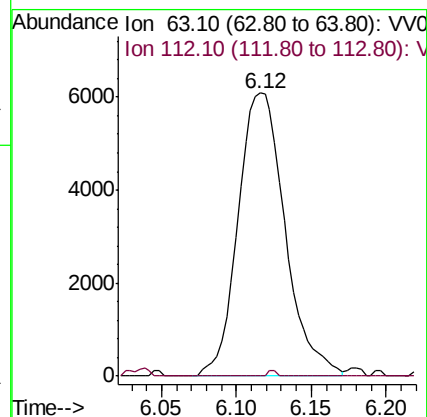
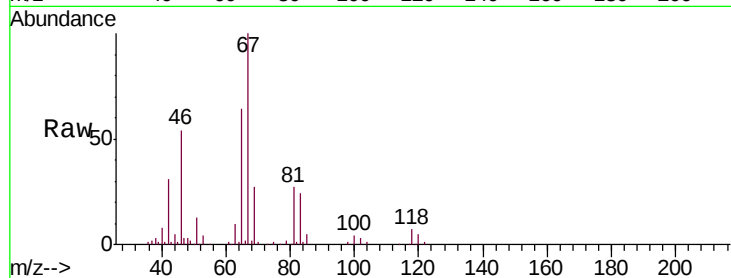
COME1

Tgt Ion: 63 Resp: 13330

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012851.D

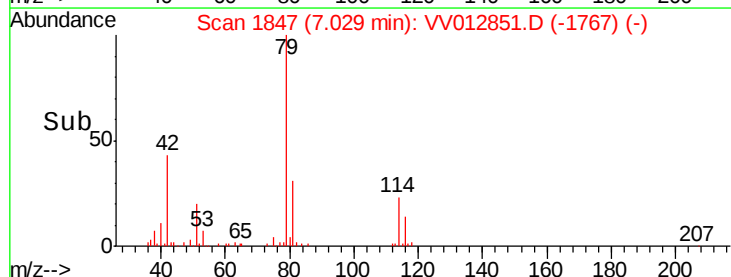
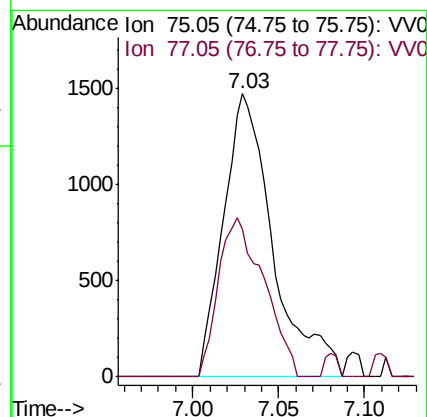
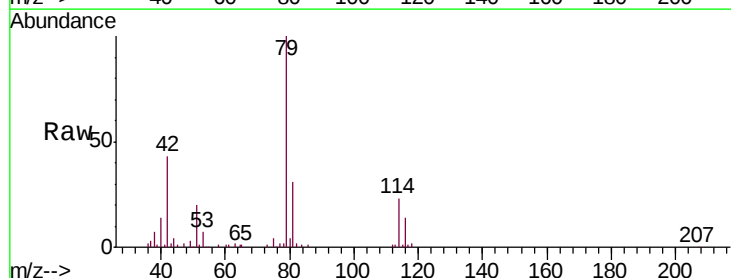
Acq: 16 Sep 2019 22:15

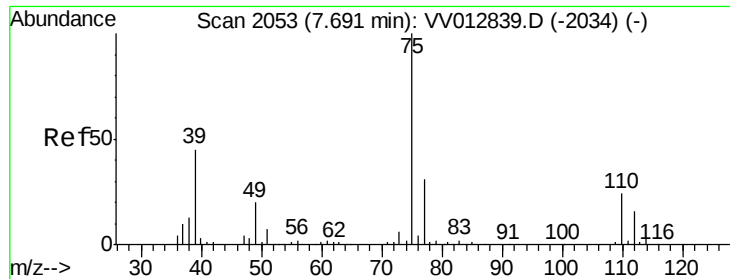
Tgt Ion: 75 Resp: 2965

Ion Ratio Lower Upper

75 100

77 52.2 21.8 40.6#

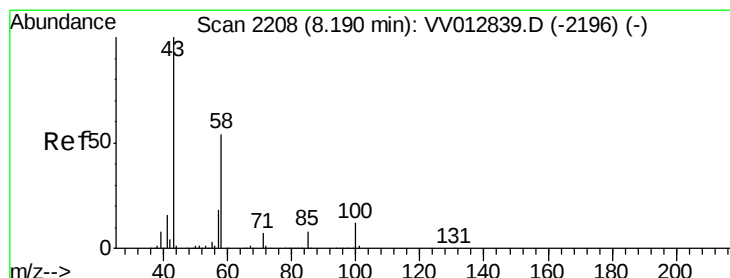
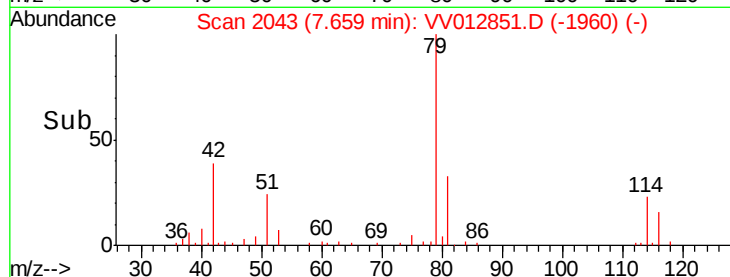
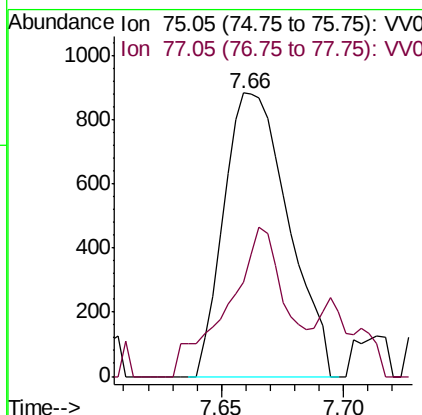
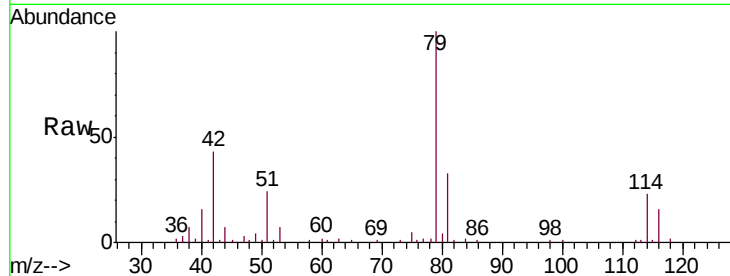




#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012851.D
Acq: 16 Sep 2019 22:15

Instrument :
MSVOA_V
ClientSampleId :
COME1

Tgt Ion: 75 Resp: 1617
Ion Ratio Lower Upper
75 100
77 33.1 22.3 41.3



#48
2-Hexanone
Concen: 4.469 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012851.D
Acq: 16 Sep 2019 22:15

Tgt Ion: 43 Resp: 46540
Ion Ratio Lower Upper
43 100
58 41.9 44.8 67.2#
57 14.8 15.0 22.6#
100 8.4 8.8 13.2#

