

Data File : VV012856.D
Acq On : 17 Sep 2019 00:27
Operator : SY/MD
Sample : K4834-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJO

Quant Time: Sep 17 07:28:07 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	388055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121761	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	99418	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	157776	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.99	46	248402	66.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.74%#
24) Chloroform-d	4.40	84	202304	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	101985	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	404088	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	126316	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	312736	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.66	79	37626	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	111517	47.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	71970	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	105756	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

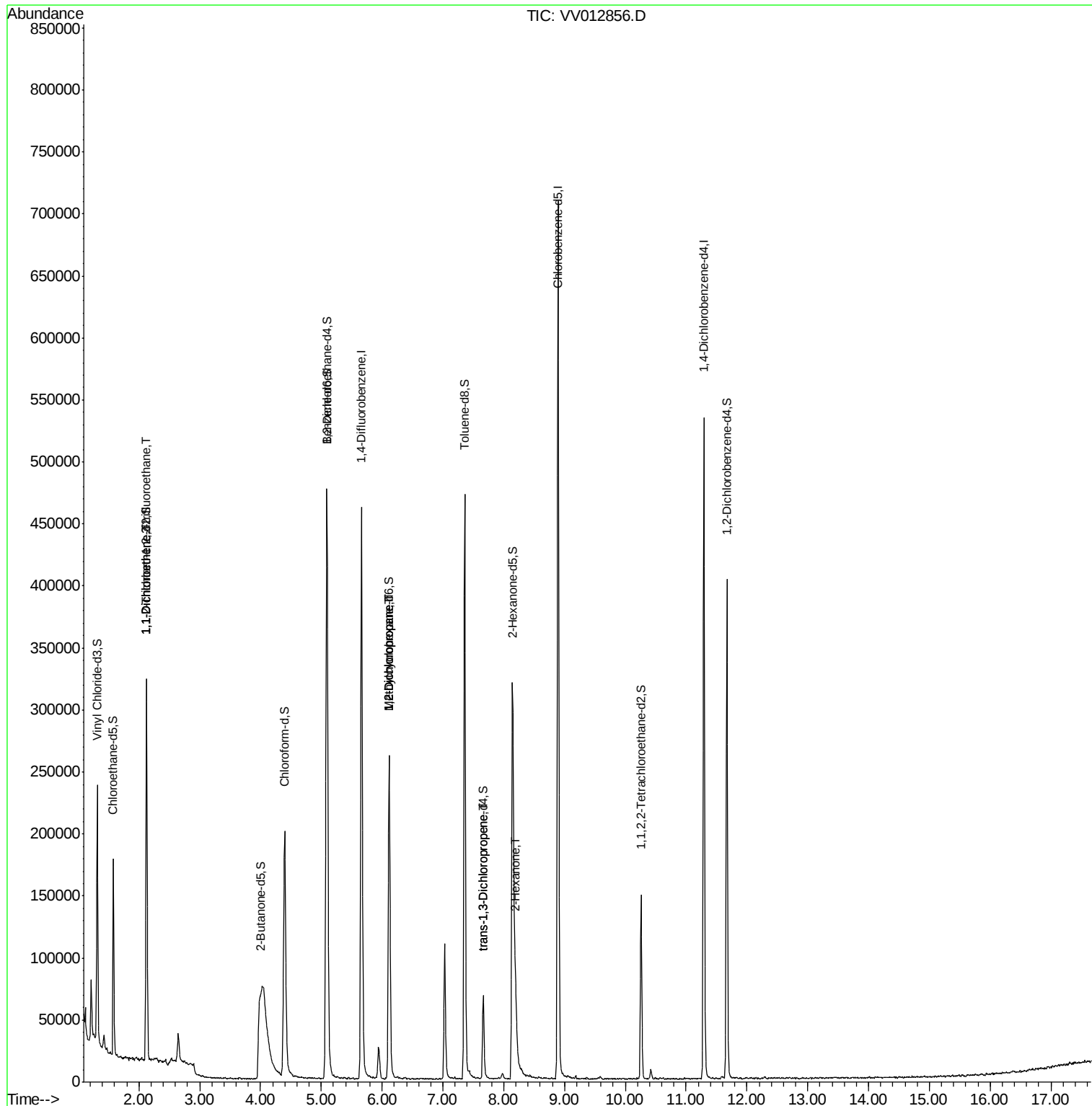
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1704	0.074	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1515	0.071	ug/L #	1
35) Methylcyclohexane	6.12	83	30809	0.885	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	13863	0.519	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1697	0.064	ug/L #	76
48) 2-Hexanone	8.20	43	44605	3.961	ug/L #	84

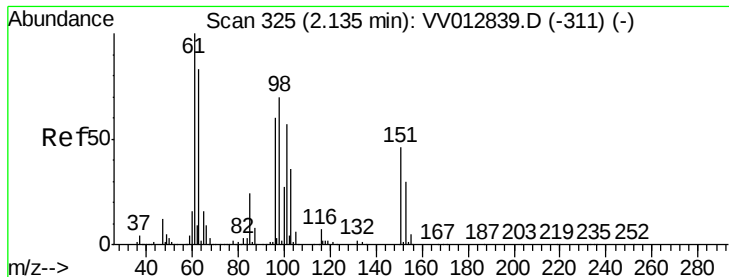
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.074 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

COMJO

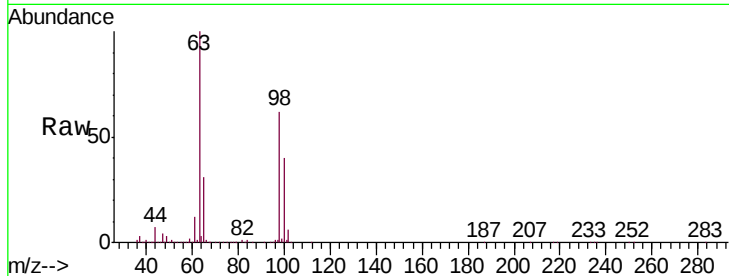
Tgt Ion: 101 Resp: 1704

Ion Ratio Lower Upper

101 100

85 4.6 32.9 49.3#

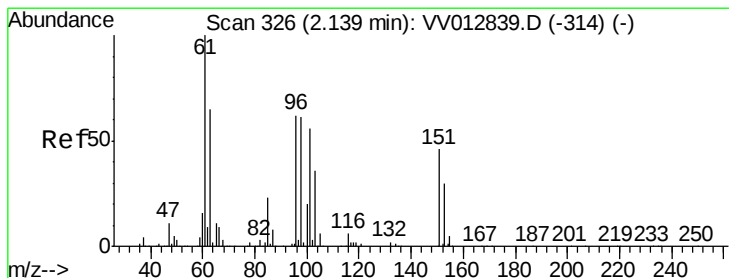
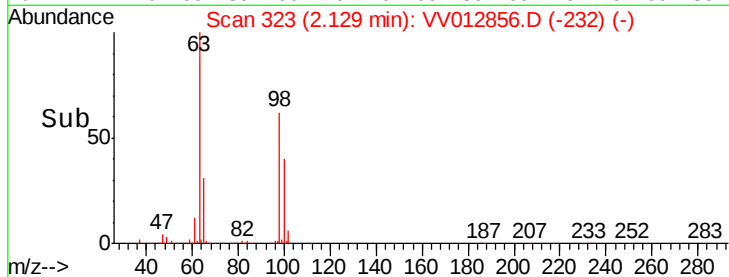
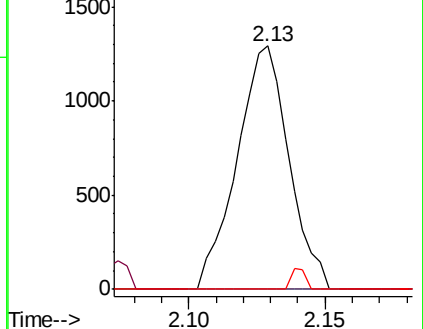
151 2.4 65.0 97.6#



Abundance Ion 101.00 (100.70 to 101.70): VV012839.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV012839.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV012839.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV012856.D

Acq: 17 Sep 2019 00:27

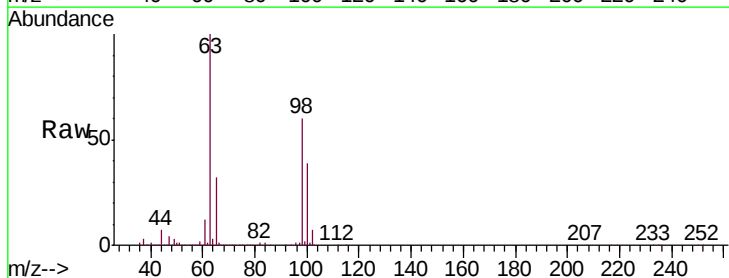
Tgt Ion: 96 Resp: 1515

Ion Ratio Lower Upper

96 100

61 1456.1 120.1 223.1#

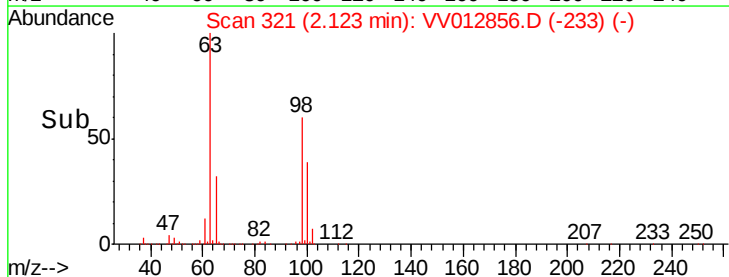
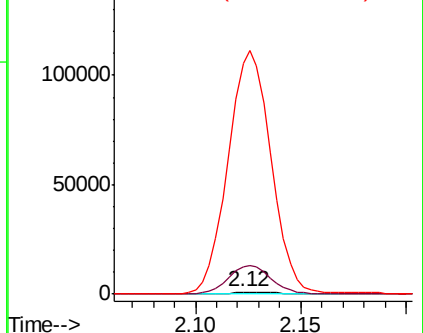
63 12468.9 88.3 164.1#

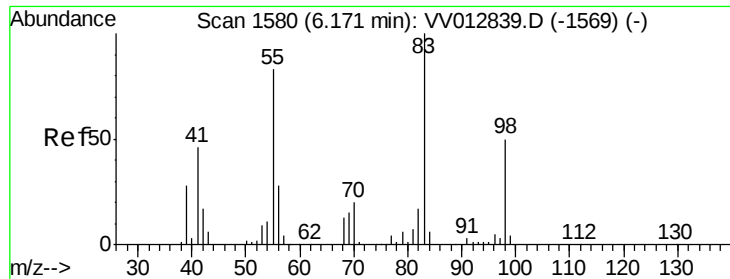


Abundance Ion 96.00 (95.70 to 96.70): VV012839.D (-314) (-)

Ion 61.05 (60.75 to 61.75): VV012839.D (-314) (-)

Ion 63.00 (62.70 to 63.70): VV012839.D (-314) (-)





#35

Methylcyclohexane

Concen: 0.885 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

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COMJO

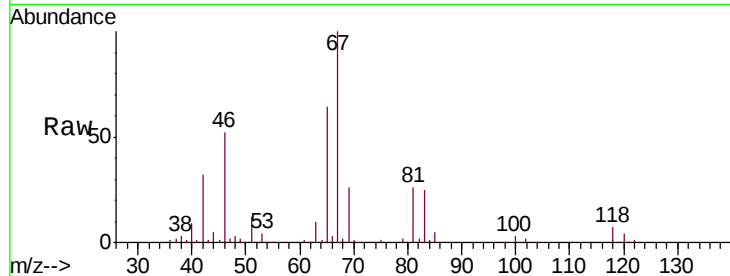
Tgt Ion: 83 Resp: 30809

Ion Ratio Lower Upper

83 100

55 0.7 65.4 98.2#

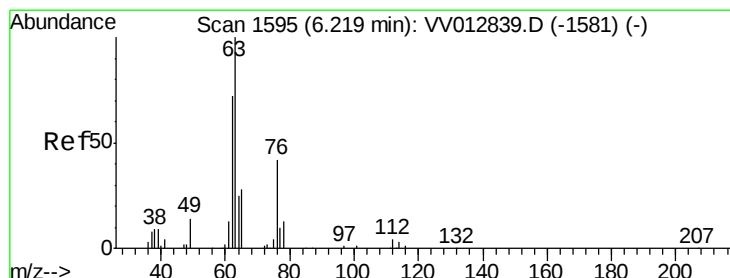
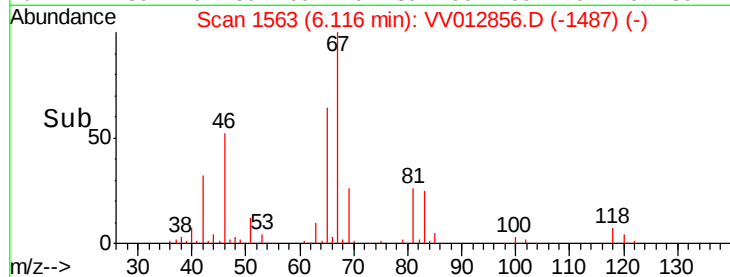
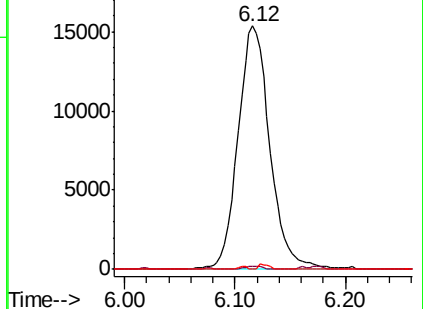
98 0.6 39.0 58.4#



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: 0.519 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV012856.D

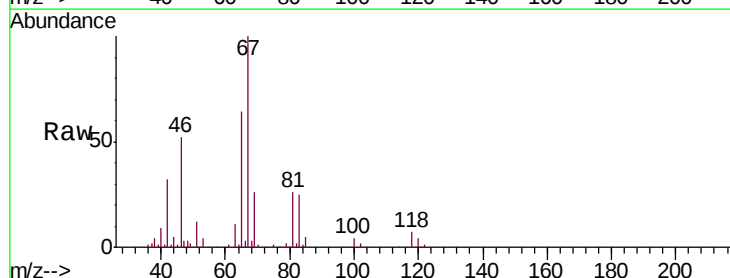
Acq: 17 Sep 2019 00:27

Tgt Ion: 63 Resp: 13863

Ion Ratio Lower Upper

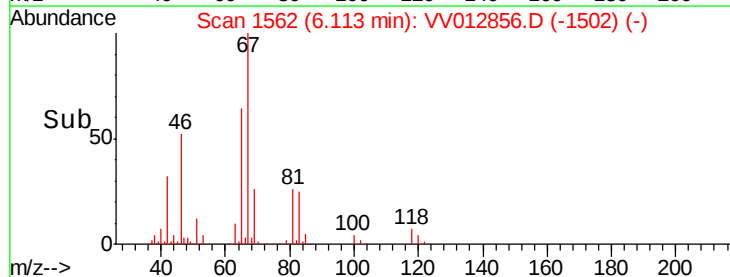
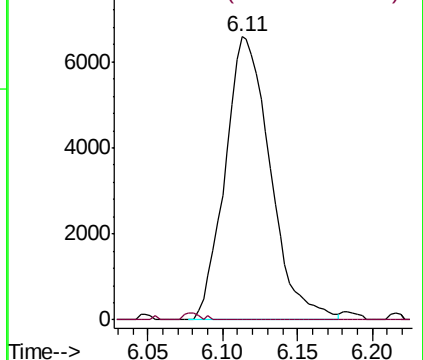
63 100

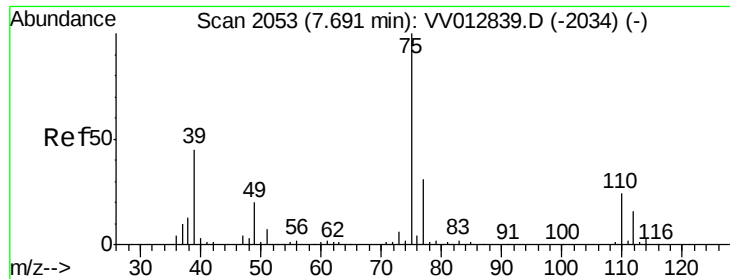
112 0.9 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

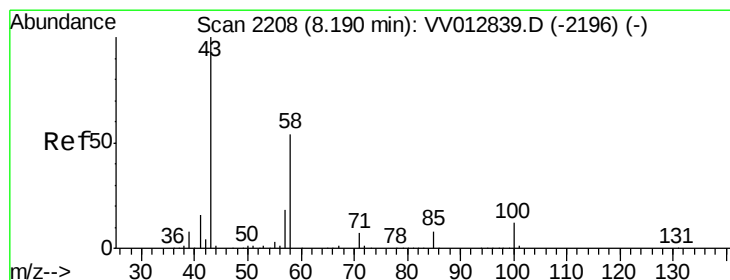
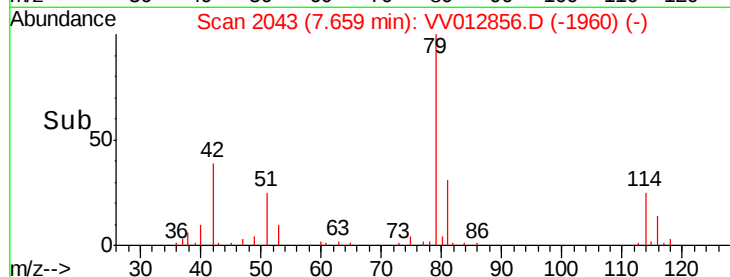
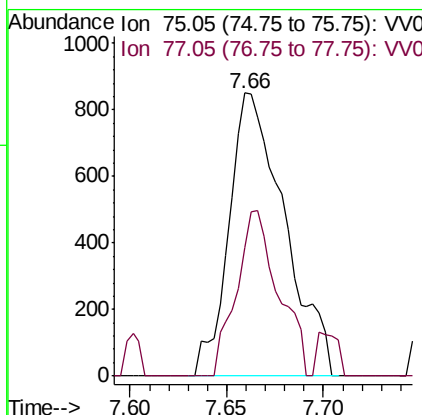
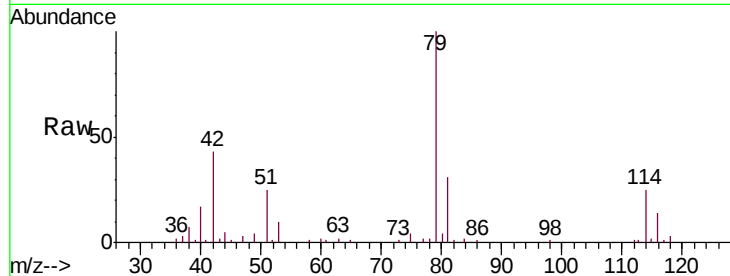




#44
trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012856.D
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Tgt Ion: 75 Resp: 1697
Ion Ratio Lower Upper
75 100
77 45.2 22.3 41.3#



#48
2-Hexanone
Concen: 3.961 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012856.D
Acq: 17 Sep 2019 00:27

Tgt Ion: 43 Resp: 44605
Ion Ratio Lower Upper
43 100
58 40.0 44.8 67.2#
57 15.7 15.0 22.6
100 9.4 8.8 13.2

