

Data File : VV012812.D
Acq On : 15 Sep 2019 22:21
Operator : SY/MD
Sample : K4865-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMK9

Quant Time: Sep 16 08:19:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399525	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	393156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	134327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200239	7.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	147.80%#
7) Chloroethane-d5	1.58	69	169137	7.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	151.00%#
11) 1,1-Dichloroethene-d2	2.13	63	250364	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.40%
20) 2-Butanone-d5	3.99	46	438127	67.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.36%#
24) Chloroform-d	4.40	84	333578	6.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.40%#
26) 1,2-Dichloroethane-d4	5.08	65	172007	7.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	146.00%#
32) Benzene-d6	5.09	84	671931	7.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	143.00%#
36) 1,2-Dichloropropane-d6	6.12	67	212612	7.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	142.60%#
41) Toluene-d8	7.36	98	528655	6.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.60%
43) trans-1,3-Dichloropropene-	7.66	79	66526	6.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	129.80%
46) 2-Hexanone-d5	8.14	63	224248	57.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121841	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	176996	7.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	154.00%#

Target Compounds

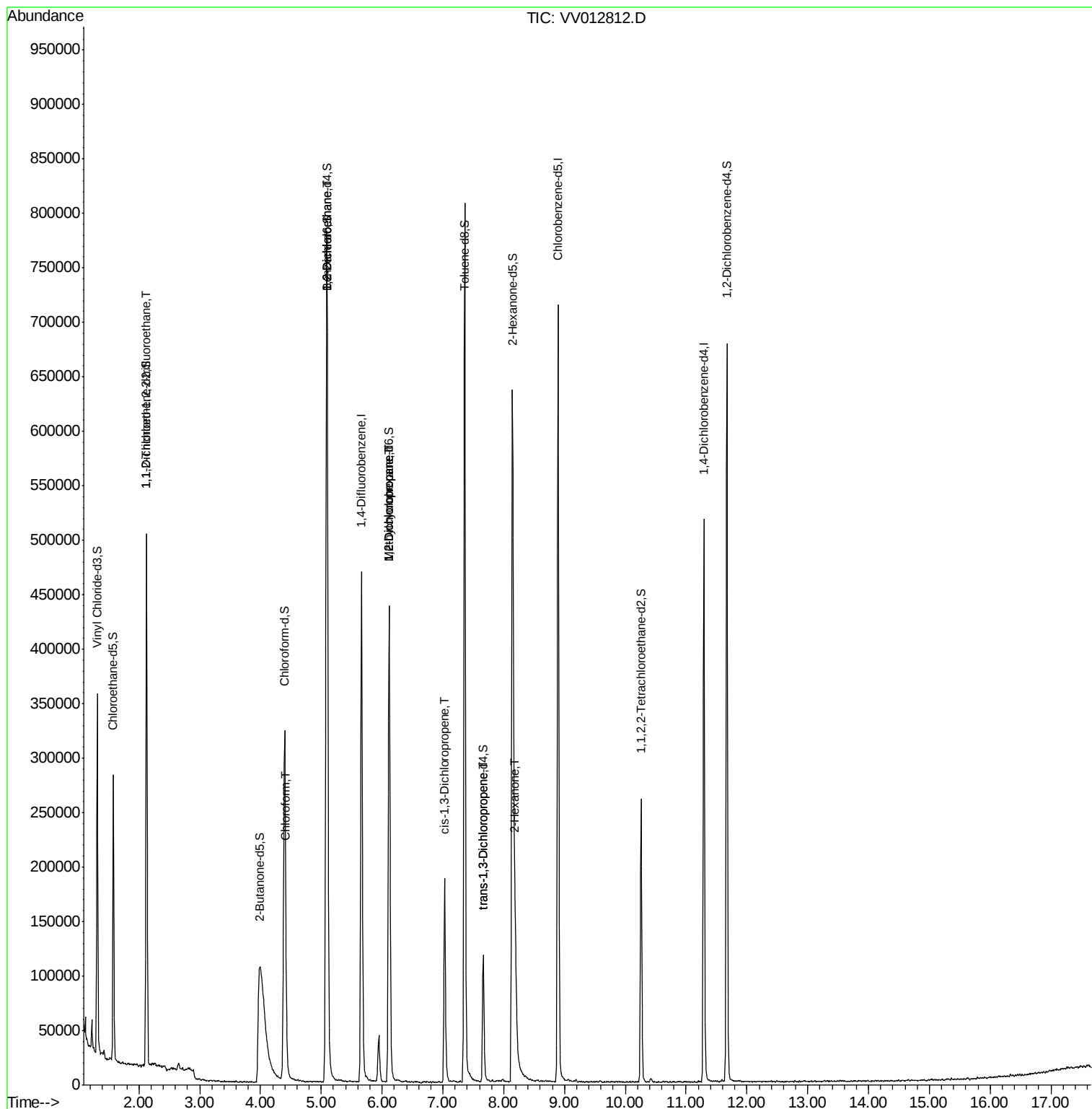
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2207	0.085	ug/L #	20
25) Chloroform	4.42	83	7354	0.127	ug/L	96
27) 1,2-Dichloroethane	5.09	62	3992	0.132	ug/L	99
35) Methylcyclohexane	6.12	83	50743	1.131	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22815	0.797	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4899	0.130	ug/L #	58
44) trans-1,3-Dichloropropene	7.67	75	3008	0.106	ug/L	86
48) 2-Hexanone	8.19	43	81009	7.136	ug/L #	85

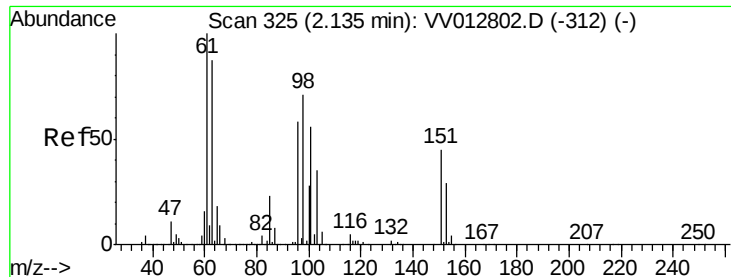
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012812.D

Acq: 15 Sep 2019 22:21

Instrument :

MSVOA_V

ClientSampleId :

COMK9

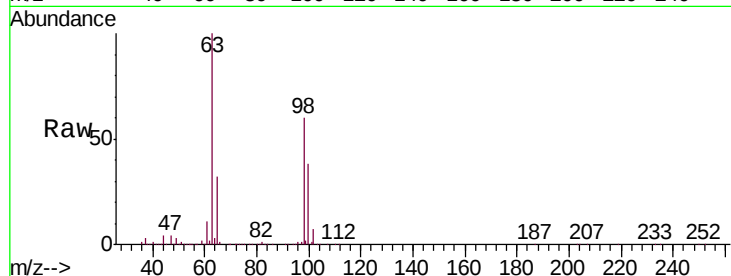
Tgt Ion: 101 Resp: 2207

Ion Ratio Lower Upper

101 100

85 2.0 33.0 49.6#

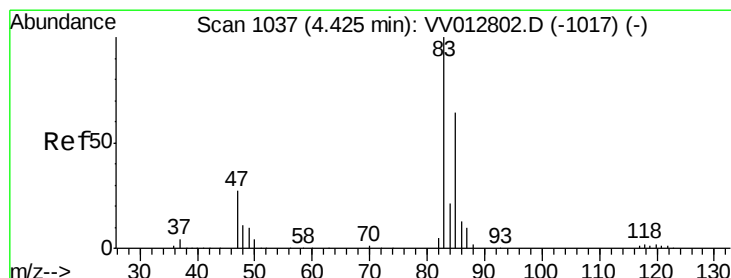
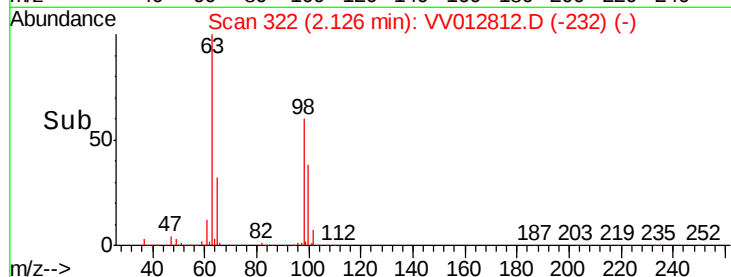
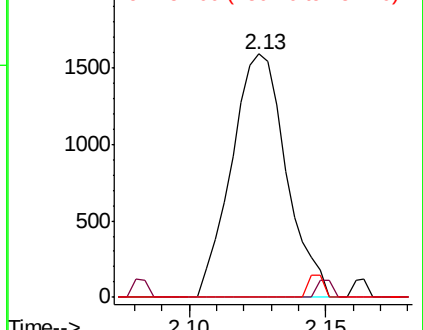
151 2.5 65.8 98.8#



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



#25

Chloroform

Concen: 0.127 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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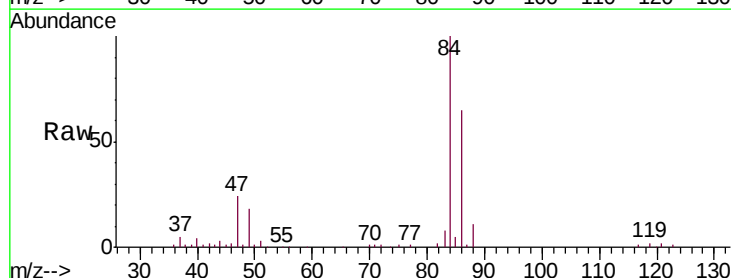
Acq: 15 Sep 2019 22:21

Tgt Ion: 83 Resp: 7354

Ion Ratio Lower Upper

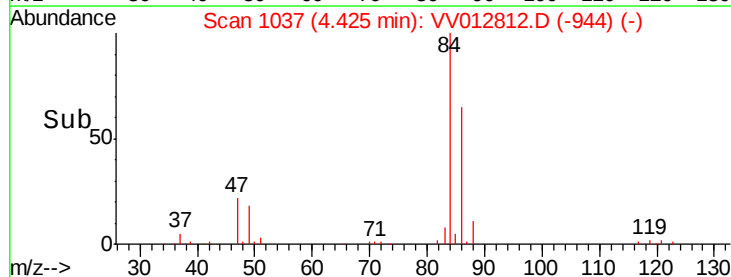
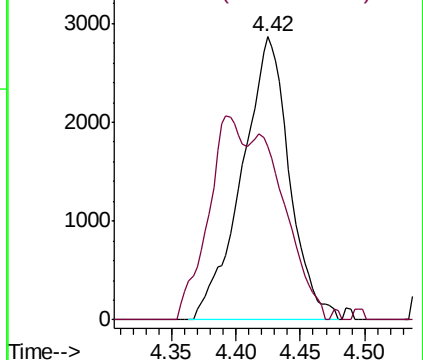
83 100

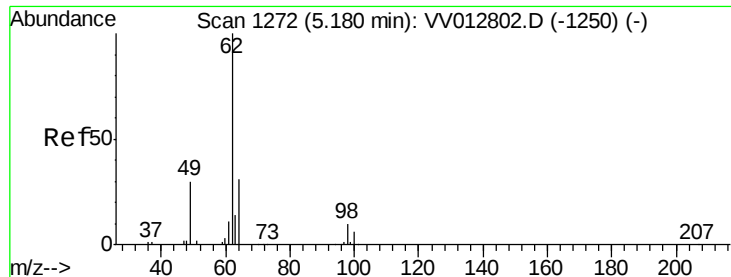
85 61.3 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.132 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

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Instrument :

MSVOA_V

ClientSampleId :

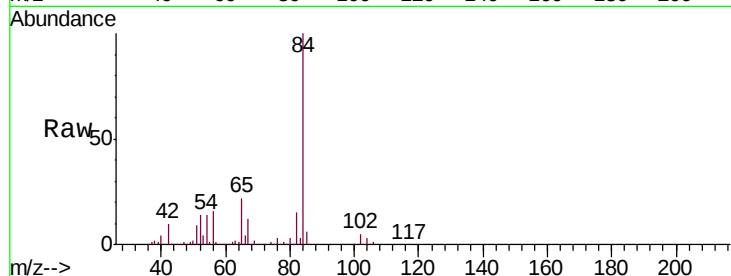
COMK9

Tgt Ion: 62 Resp: 3992

Ion Ratio Lower Upper

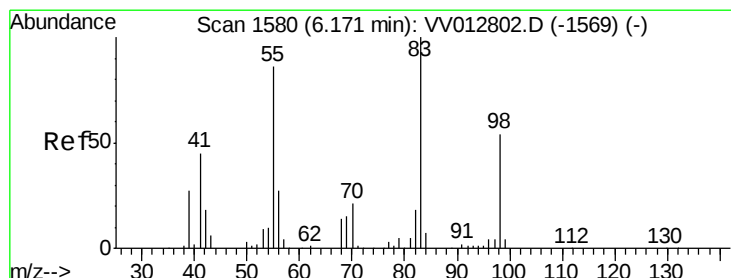
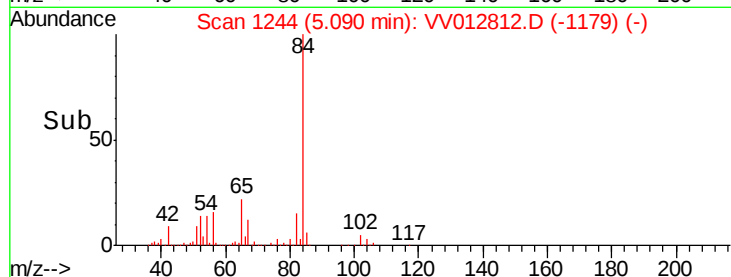
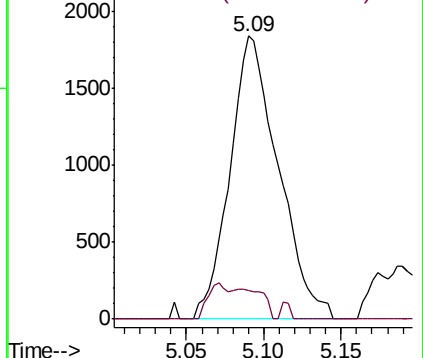
62 100

98 10.2 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 1.131 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012812.D

Acq: 15 Sep 2019 22:21

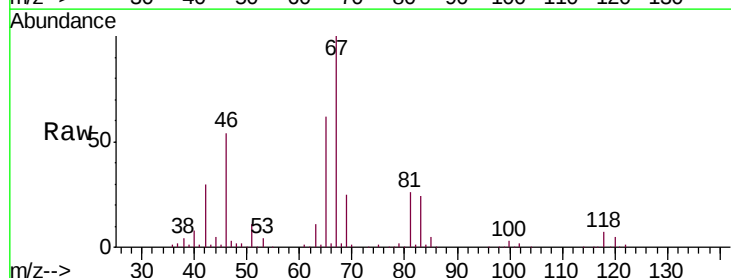
Tgt Ion: 83 Resp: 50743

Ion Ratio Lower Upper

83 100

55 0.7 63.0 94.4#

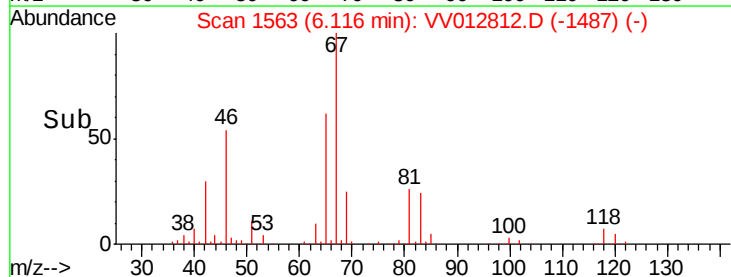
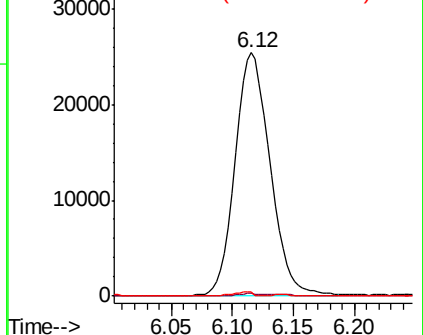
98 0.9 39.8 59.8#

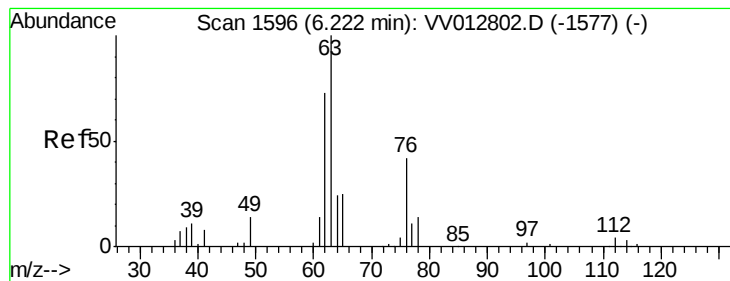


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.797 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV012812.D

Acq: 15 Sep 2019 22:21

Instrument :

MSVOA_V

ClientSampled :

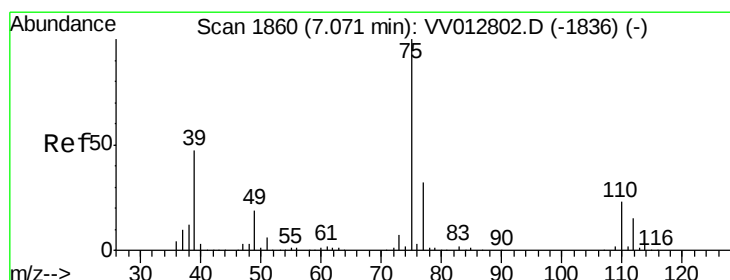
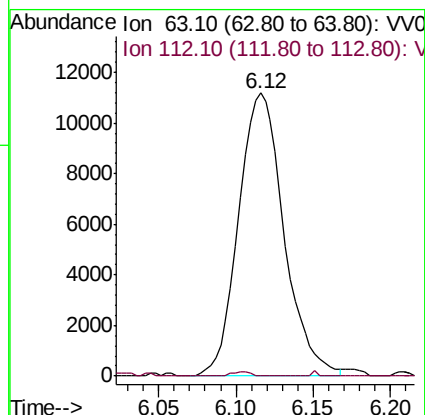
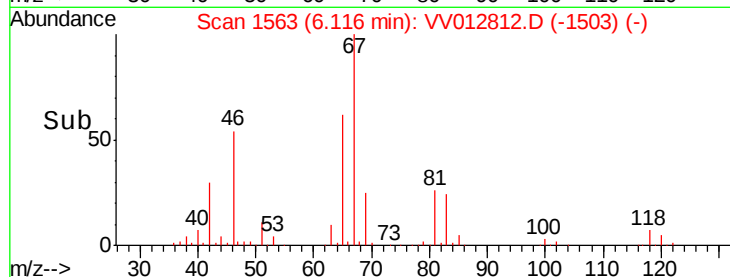
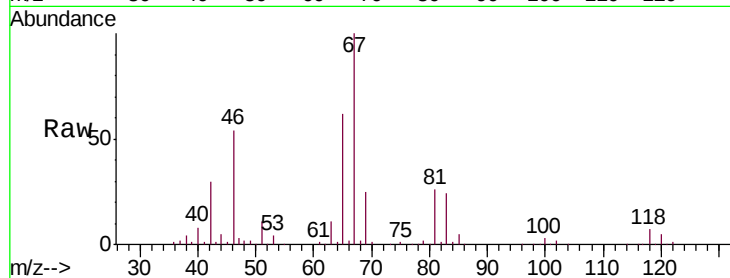
COMK9

Tgt Ion: 63 Resp: 22815

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012812.D

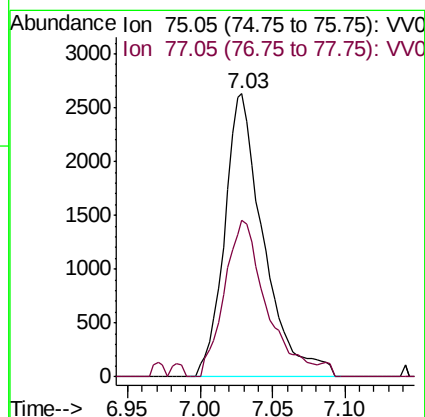
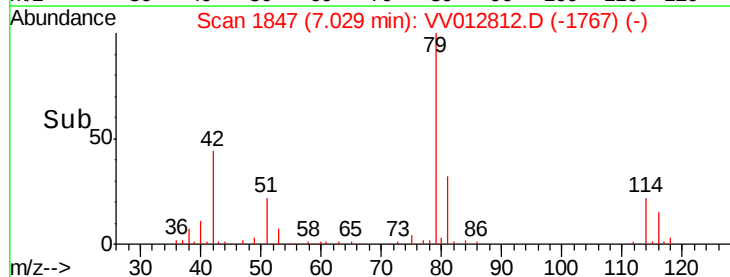
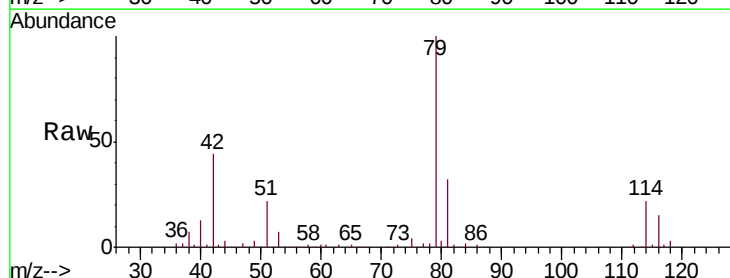
Acq: 15 Sep 2019 22:21

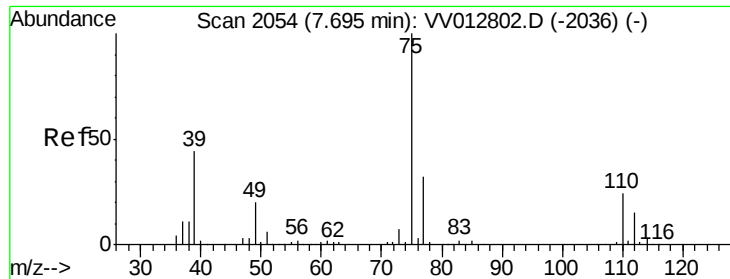
Tgt Ion: 75 Resp: 4899

Ion Ratio Lower Upper

75 100

77 55.3 22.3 41.3#

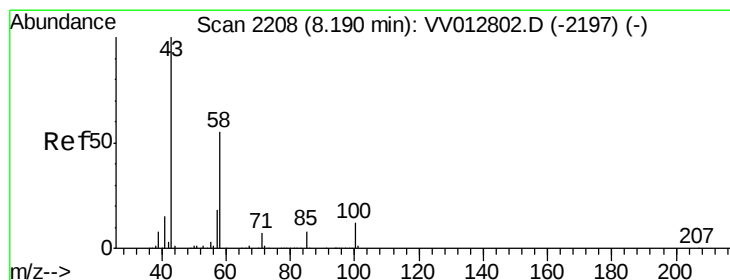
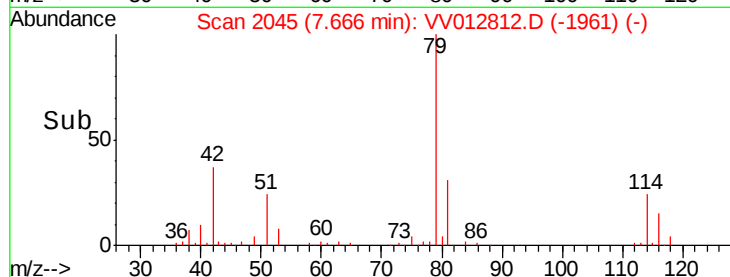
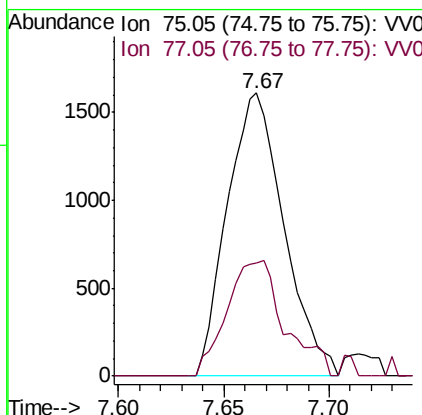
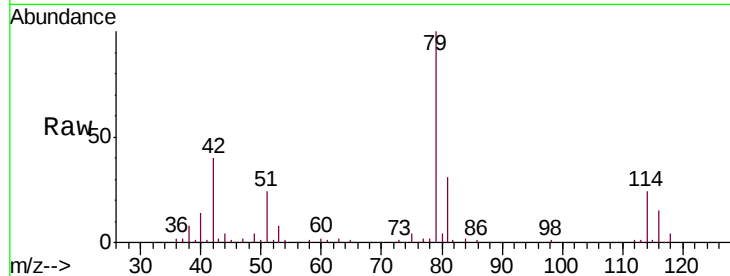




#44
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012812.D
Acq: 15 Sep 2019 22:21

Instrument :
MSVOA_V
ClientSampleId :
COMK9

Tgt Ion: 75 Resp: 3008
Ion Ratio Lower Upper
75 100
77 39.9 22.4 41.6



#48
2-Hexanone
Concen: 7.136 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV012812.D
Acq: 15 Sep 2019 22:21

Tgt Ion: 43 Resp: 81009
Ion Ratio Lower Upper
43 100
58 42.3 44.8 67.2#
57 15.5 14.9 22.3
100 7.4 9.8 14.8#

