

Data File : VV011482.D
Acq On : 14 Jun 2019 02:37
Operator : SY/MD
Sample : K3313-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY7

Quant Time: Jun 14 06:10:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133274	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116172	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48526	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.58	69	39674	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	107089	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	3.97	46	112607	49.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.40	84	88130	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	49266	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	179604	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	54678	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	151322	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.67	79	14740	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.14	63	85070	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	34258	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	44306	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

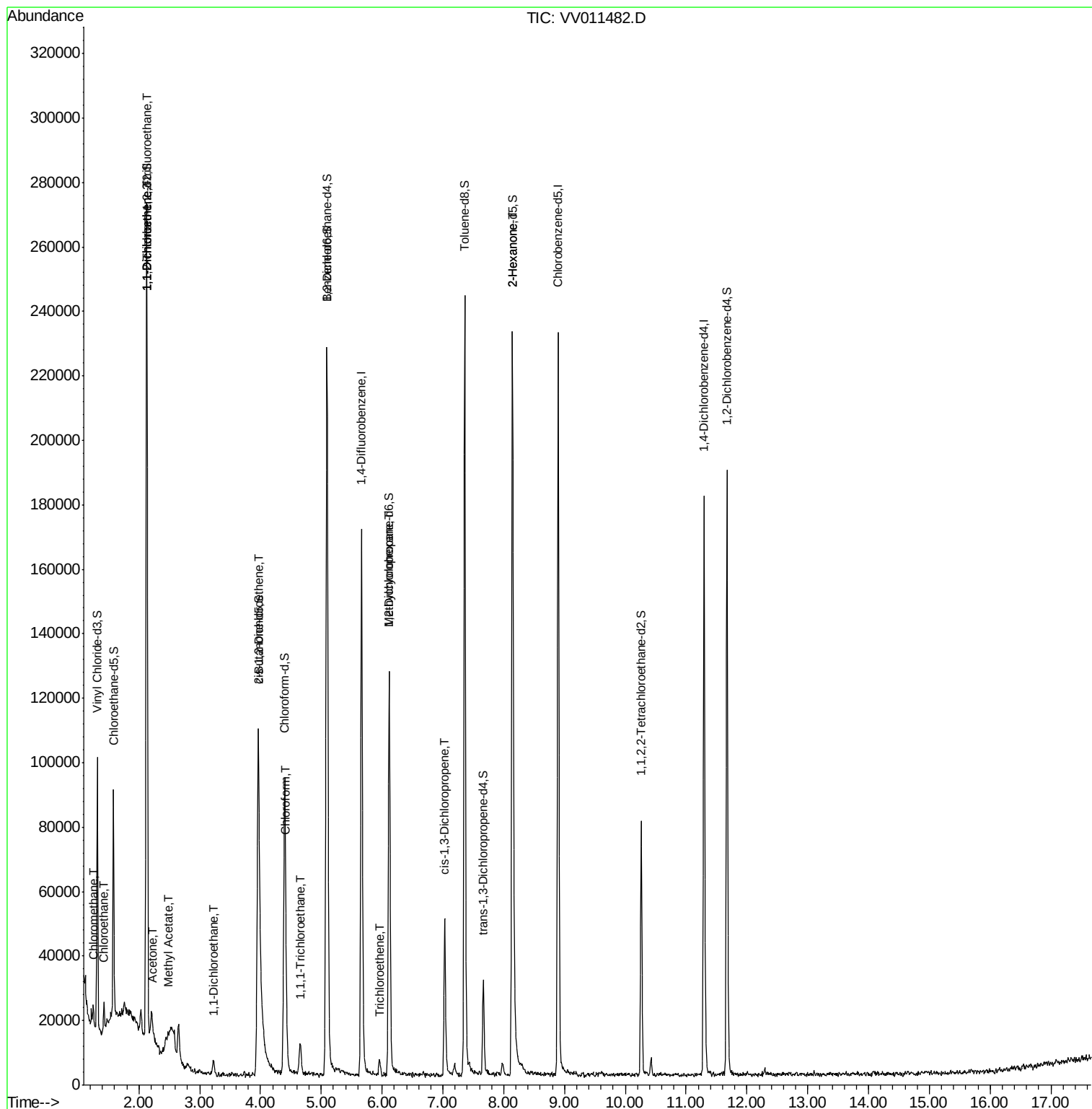
					Qvalue
3) Chloromethane	1.25	50	4655	0.366 ug/L	99
8) Chloroethane	1.41	64	678	0.087 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	926	0.107 ug/L #	27
12) 1,1-Dichloroethene	2.14	96	41851	4.984 ug/L	97
13) Acetone	2.24	43	3077	2.019 ug/L	58
15) Methyl Acetate	2.47	43	2394	0.591 ug/L #	66
19) 1,1-Dichloroethane	3.23	63	4186	0.226 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	38666	3.714 ug/L	97
25) Chloroform	4.42	83	4840	0.253 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	6629	0.447 ug/L	93
34) Trichloroethene	5.97	95	1261	0.132 ug/L #	81
35) Methylcyclohexane	6.12	83	13413	0.849 ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	1645	0.122 ug/L #	37
48) 2-Hexanone	8.14	43	13274	3.249 ug/L #	74

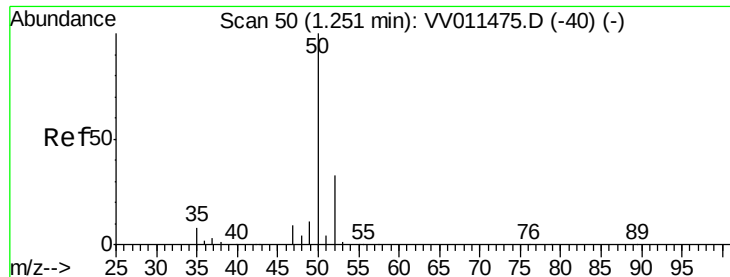
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011482.D
Acq On : 14 Jun 2019 02:37
Operator : SY/MD
Sample : K3313-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY7

Quant Time: Jun 14 06:10:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 06:06:48 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.366 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011482.D

Acq: 14 Jun 2019 02:37

Instrument :

MSVOA_V

ClientSampleId :

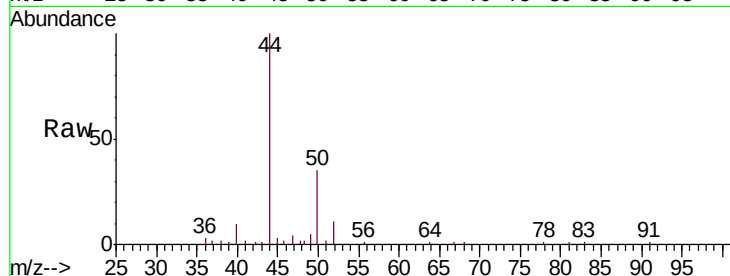
C0LY7

Tgt Ion: 50 Resp: 4655

Ion Ratio Lower Upper

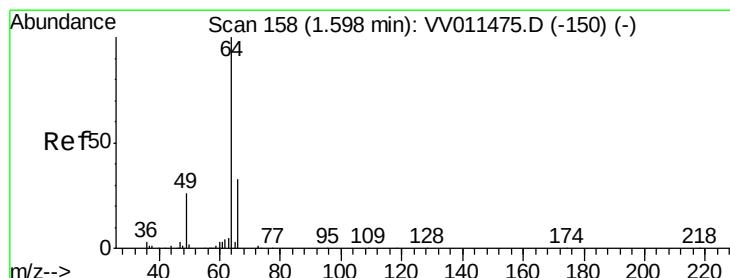
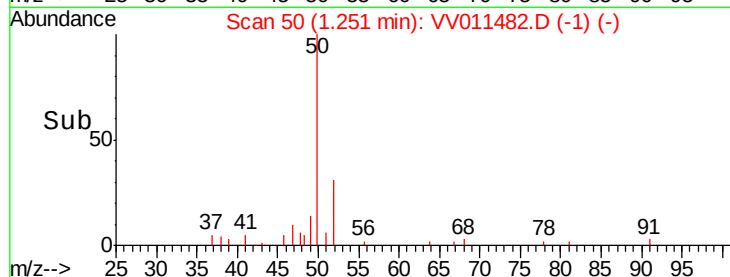
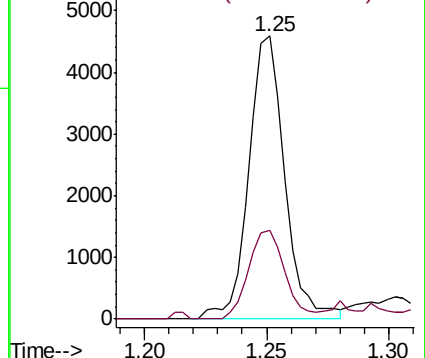
50 100

52 31.3 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.41 min Scan# 100

Delta R.T. -0.19 min

Lab File: VV011482.D

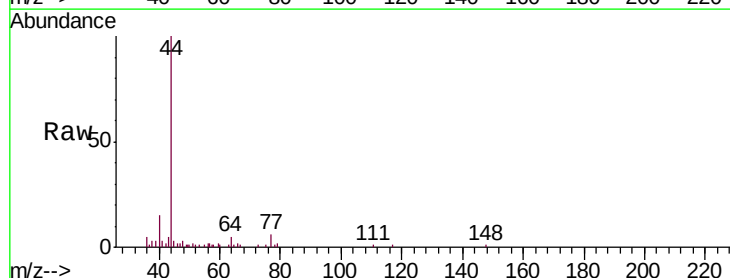
Acq: 14 Jun 2019 02:37

Tgt Ion: 64 Resp: 678

Ion Ratio Lower Upper

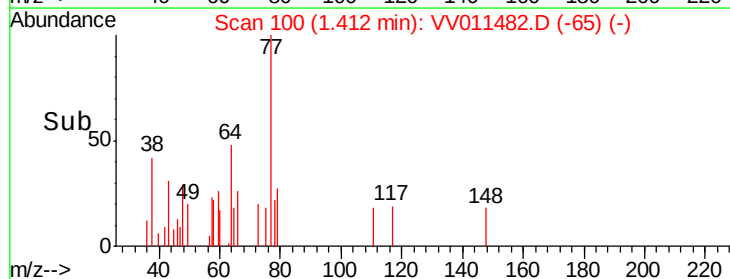
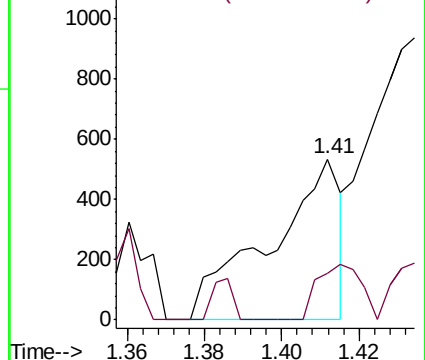
64 100

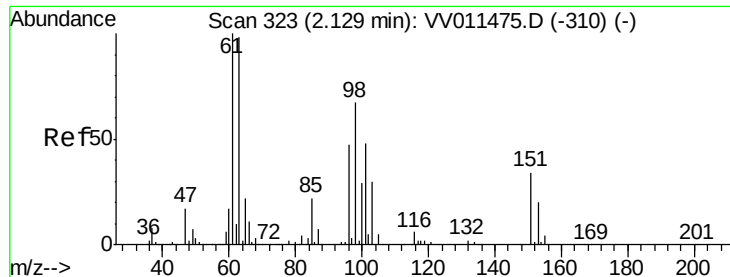
66 28.8 19.4 36.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.107 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011482.D

Acq: 14 Jun 2019 02:37

Instrument :

MSVOA_V

ClientSampleId :

C0LY7

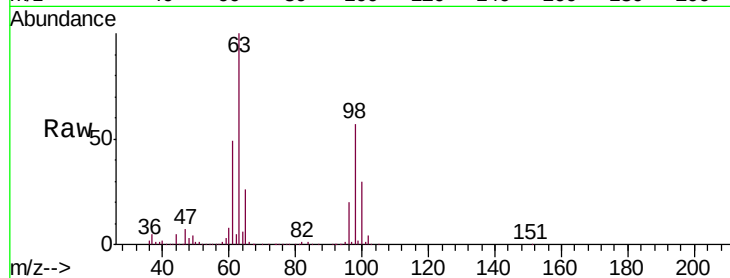
Tgt Ion: 101 Resp: 926

Ion Ratio Lower Upper

101 100

85 10.5 35.5 53.3#

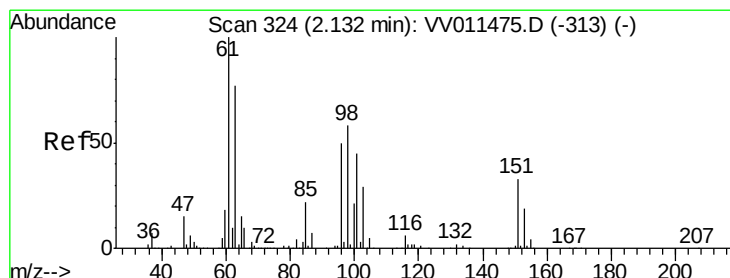
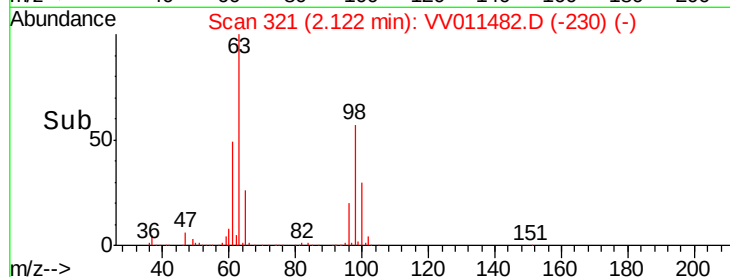
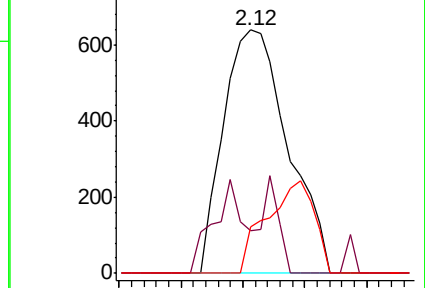
151 0.0 56.9 85.3#



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: 4.984 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV011482.D

Acq: 14 Jun 2019 02:37

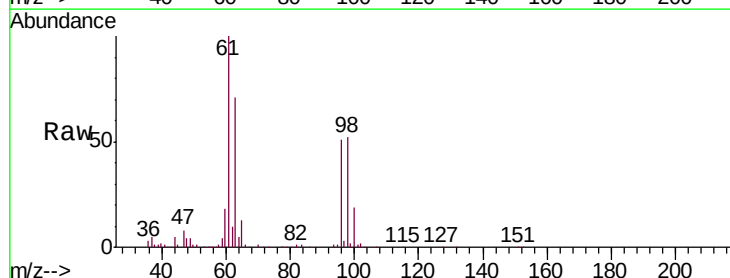
Tgt Ion: 96 Resp: 41851

Ion Ratio Lower Upper

96 100

61 197.7 139.8 259.6

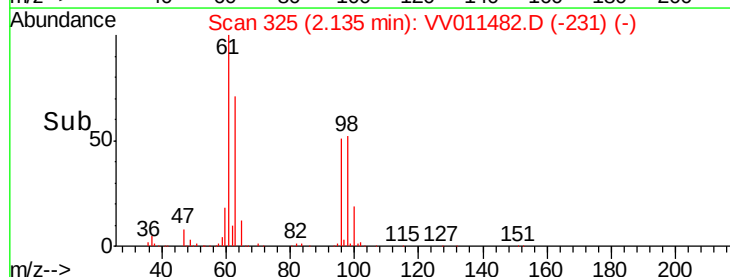
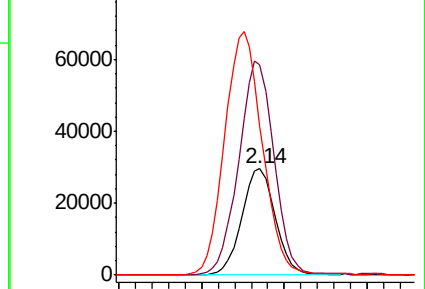
63 140.4 94.3 175.1

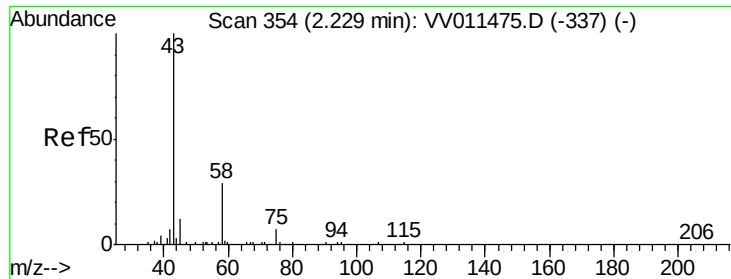


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.019 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.01 min

Lab File: VV011482.D

Acq: 14 Jun 2019 02:37

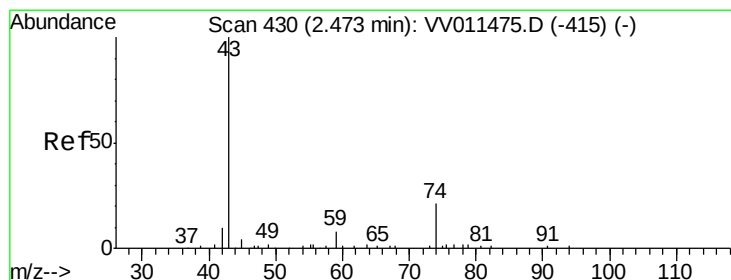
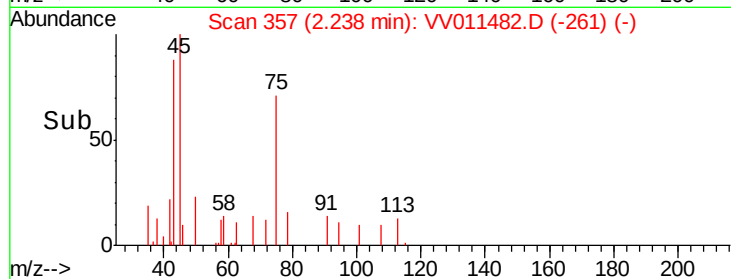
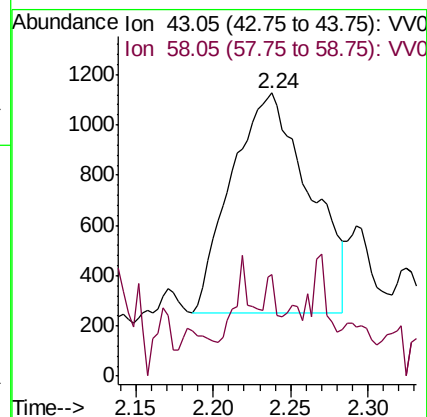
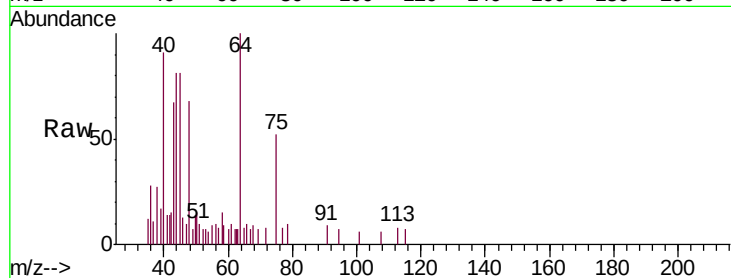
Instrument :
MSVOA_V
ClientSampleId :
COLY7

Tgt Ion: 43 Resp: 3077

Ion Ratio Lower Upper

43 100

58 5.8 0.0 55.2



#15

Methyl Acetate

Concen: 0.591 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV011482.D

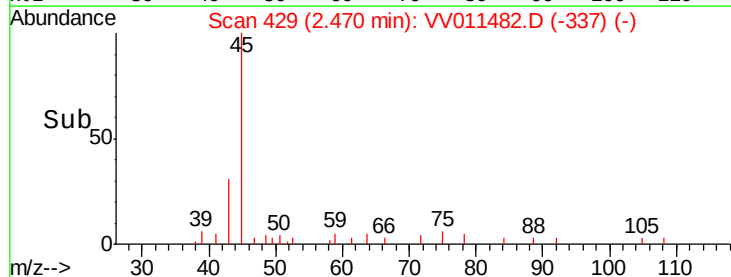
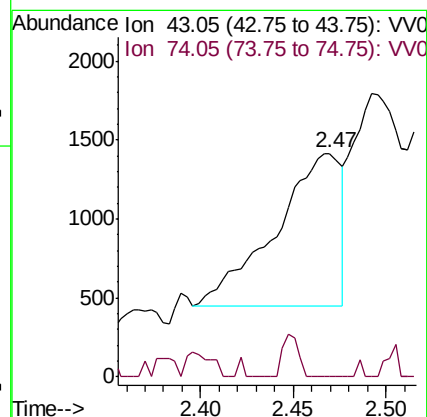
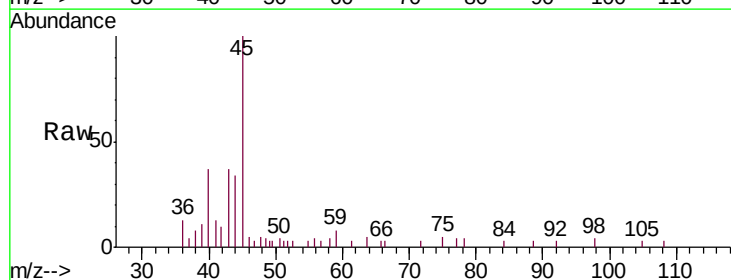
Acq: 14 Jun 2019 02:37

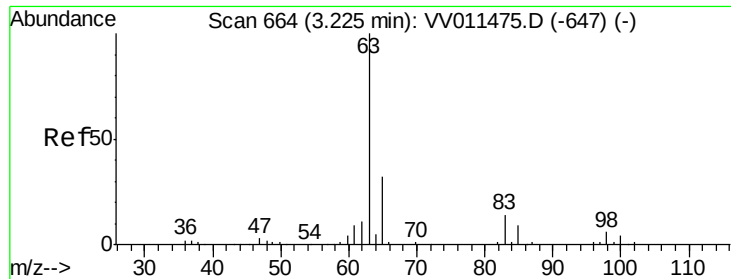
Tgt Ion: 43 Resp: 2394

Ion Ratio Lower Upper

43 100

74 6.6 18.5 27.7#

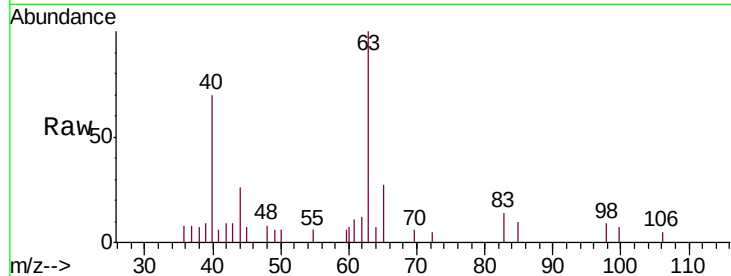




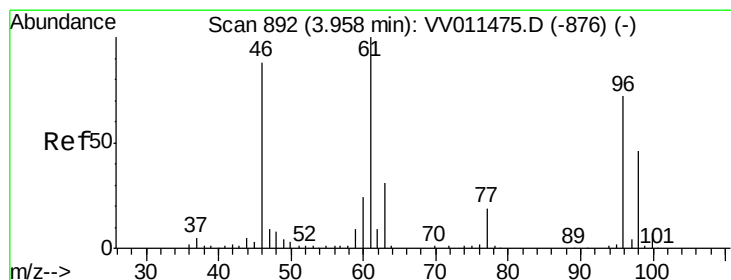
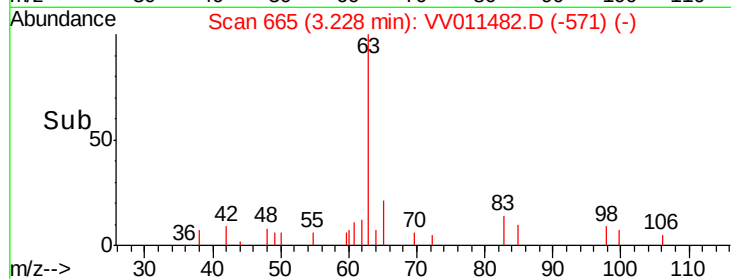
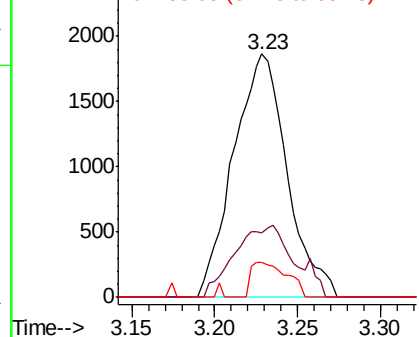
#19
 1,1-Dichloroethane
 Concen: 0.226 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV011482.D
 Acq: 14 Jun 2019 02:37

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY7

Tgt Ion: 63 Resp: 4186
 Ion Ratio Lower Upper
 63 100
 65 26.5 22.1 41.1
 83 14.2 9.2 17.0

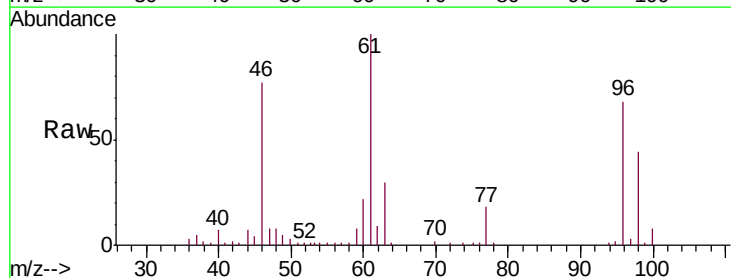


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

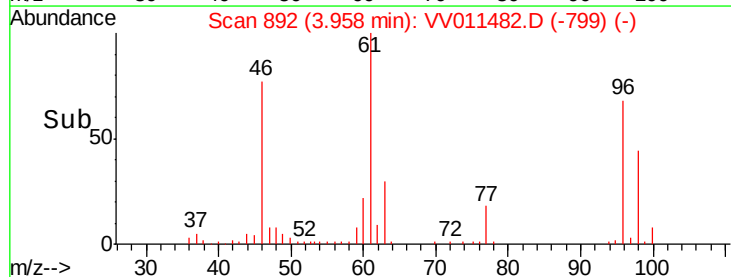
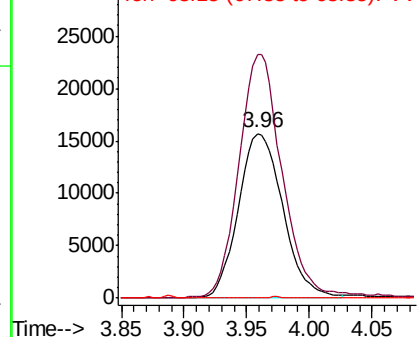


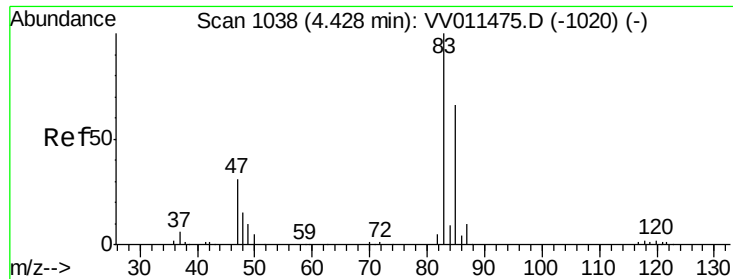
#22
 cis-1,2-Dichloroethene
 Concen: 3.714 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011482.D
 Acq: 14 Jun 2019 02:37

Tgt Ion: 96 Resp: 38666
 Ion Ratio Lower Upper
 96 100
 61 148.1 100.8 187.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

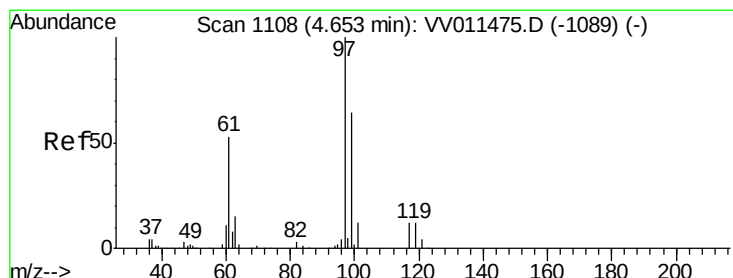
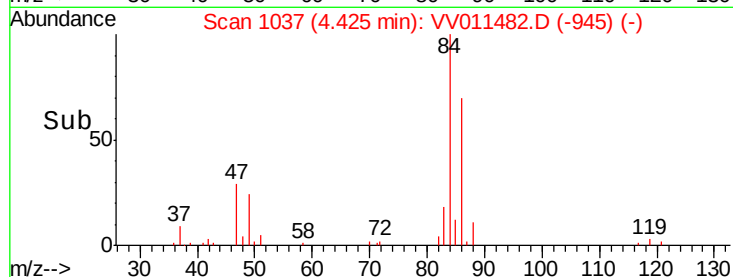
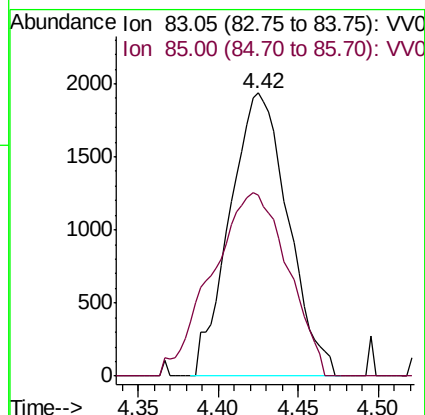
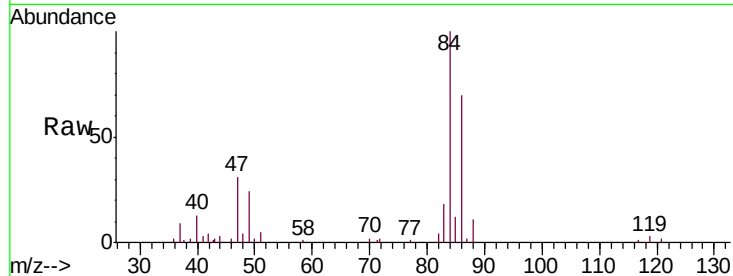




#25
Chloroform
Concen: 0.253 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011482.D
Acq: 14 Jun 2019 02:37

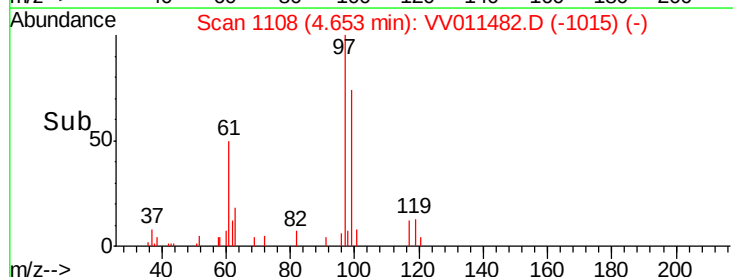
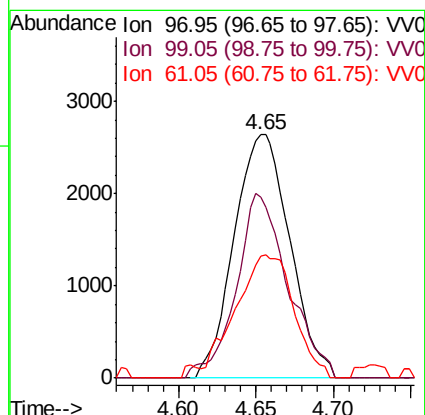
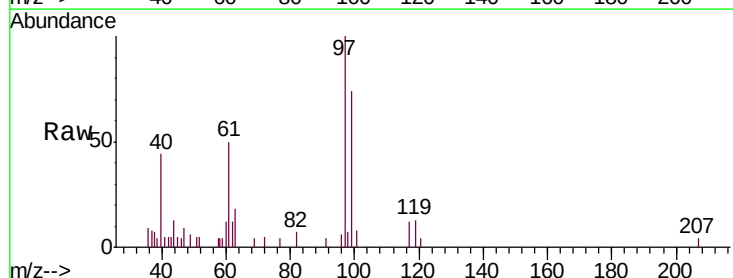
Instrument :
MSVOA_V
ClientSampleId :
COLY7

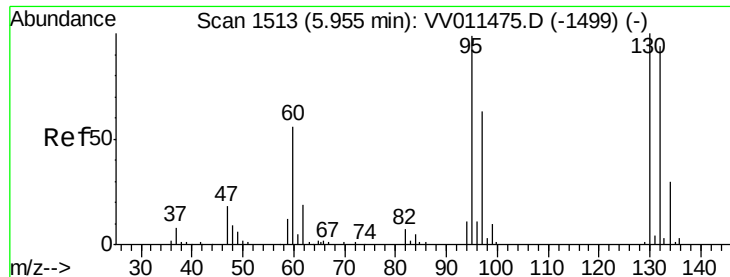
Tgt Ion: 83 Resp: 4840
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9



#29
1,1,1-Trichloroethane
Concen: 0.447 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011482.D
Acq: 14 Jun 2019 02:37

Tgt Ion: 97 Resp: 6629
Ion Ratio Lower Upper
97 100
99 70.0 50.8 76.2
61 52.8 38.9 58.3





#34

Trichloroethene

Concen: 0.132 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV011482.D

Acq: 14 Jun 2019 02:37

Instrument :

MSVOA_V

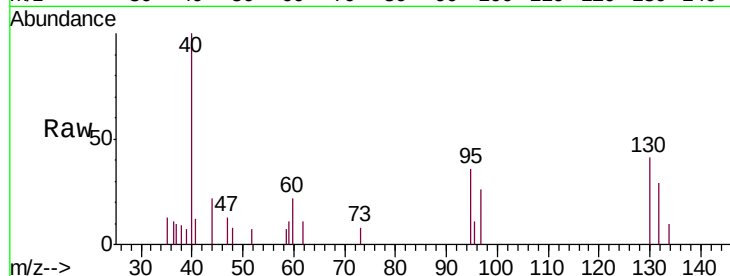
ClientSampleId :

COLY7

Tgt Ion: 95 Resp: 1261

Ion Ratio Lower Upper

95	100		
97	55.9	45.8	85.2
132	62.2	66.4	123.2#
130	88.4	68.3	126.8

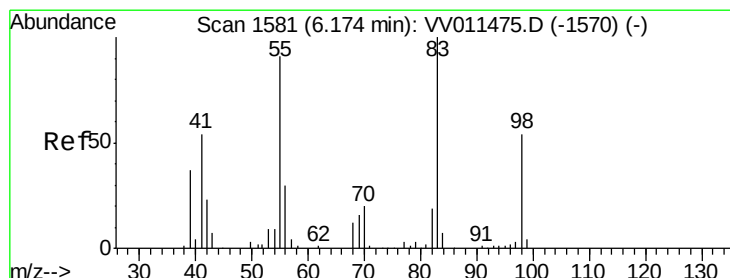
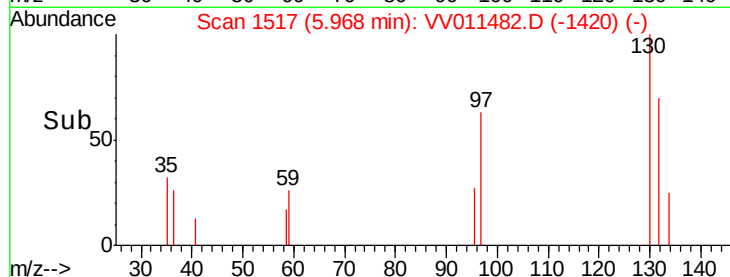
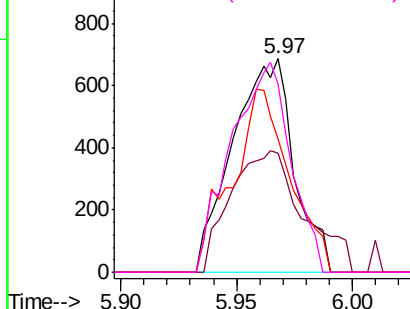


Abundance Ion 95.00 (94.70 to 95.70): VV011475.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV011475.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV011475.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV011475.D (-1499) (-)



#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

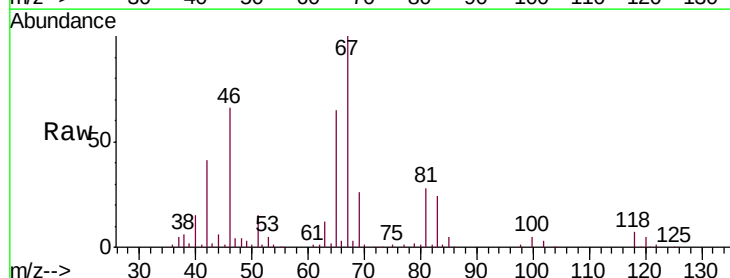
Lab File: VV011482.D

Acq: 14 Jun 2019 02:37

Tgt Ion: 83 Resp: 13413

Ion Ratio Lower Upper

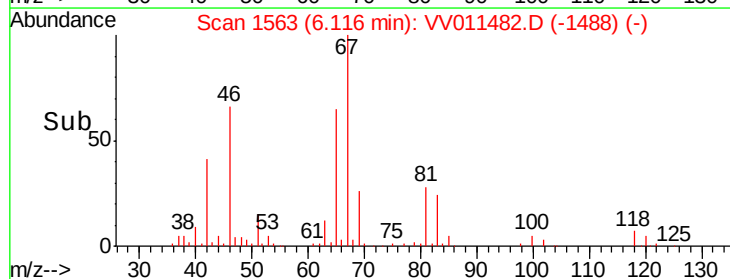
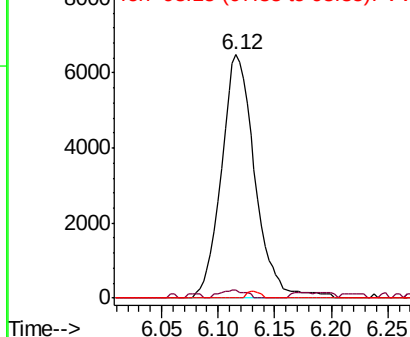
83	100		
55	2.4	67.0	100.6#
98	1.1	40.0	60.0#

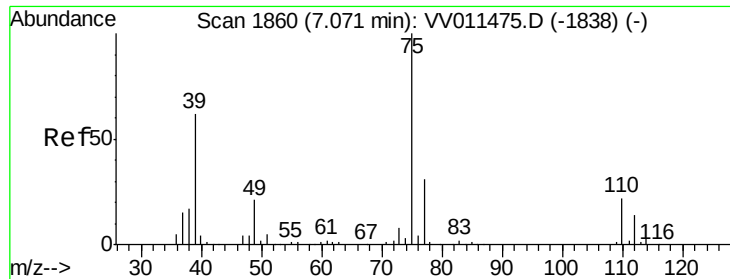


Abundance Ion 83.15 (82.85 to 83.85): VV011475.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV011475.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV011475.D (-1570) (-)

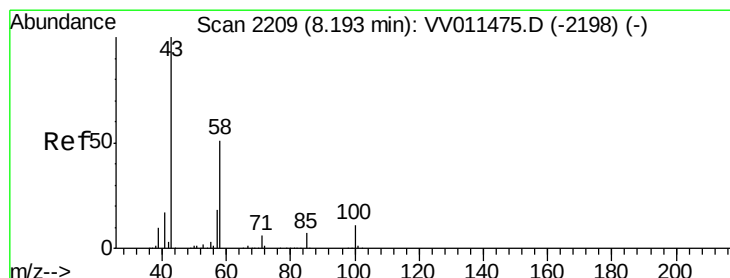
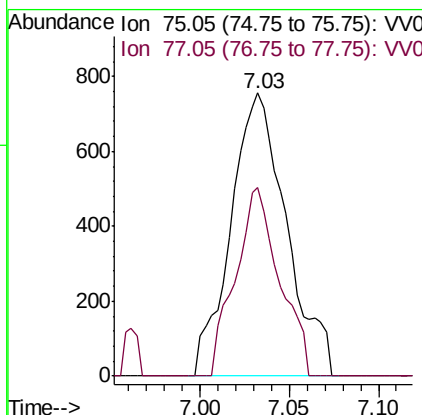
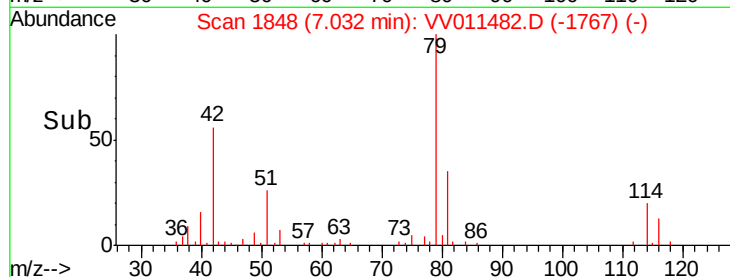
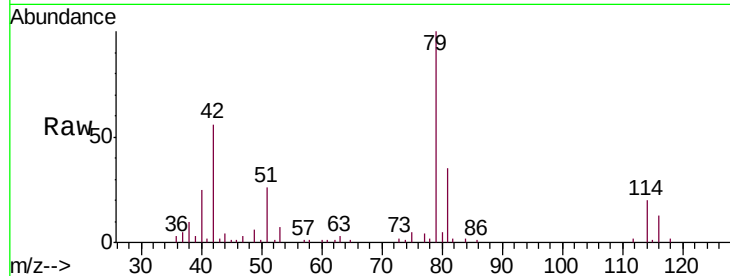




#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011482.D
 Acq: 14 Jun 2019 02:37

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY7

Tgt Ion: 75 Resp: 1645
 Ion Ratio Lower Upper
 75 100
 77 66.5 22.2 41.2#



#48
 2-Hexanone
 Concen: 3.249 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV011482.D
 Acq: 14 Jun 2019 02:37

Tgt Ion: 43 Resp: 13274
 Ion Ratio Lower Upper
 43 100
 58 29.8 41.4 62.0#
 57 24.3 15.0 22.4#
 100 0.9 9.0 13.4#

