

Data File : VV011480.D
Acq On : 14 Jun 2019 01:41
Operator : SY/MD
Sample : K3313-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY4

Quant Time: Jun 14 06:10:12 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	133914	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50624	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	39859	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.12	63	94839	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	3.98	46	114663	50.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.38%
24) Chloroform-d	4.40	84	90076	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	50876	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	185529	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	55780	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	157583	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	15264	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.14	63	87288	49.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35730	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	45756	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	4690	0.367 ug/L	95
8) Chloroethane	1.55	64	825	0.105 ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	785	0.090 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	18003	2.134 ug/L #	28
15) Methyl Acetate	2.45	43	1116	0.274 ug/L #	68
22) cis-1,2-Dichloroethene	3.96	96	23962	2.290 ug/L	92
25) Chloroform	4.42	83	2834	0.147 ug/L #	72
29) 1,1,1-Trichloroethane	4.65	97	7850	0.519 ug/L	95
34) Trichloroethene	5.96	95	2057	0.211 ug/L	93
35) Methylcyclohexane	6.12	83	14225	0.883 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7127	0.759 ug/L #	89
48) 2-Hexanone	8.14	43	13078	3.136 ug/L #	70

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

Data File : VV011480.D

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Sample : K3313-04

Misc : 25ML/MSVOA_V/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LY4

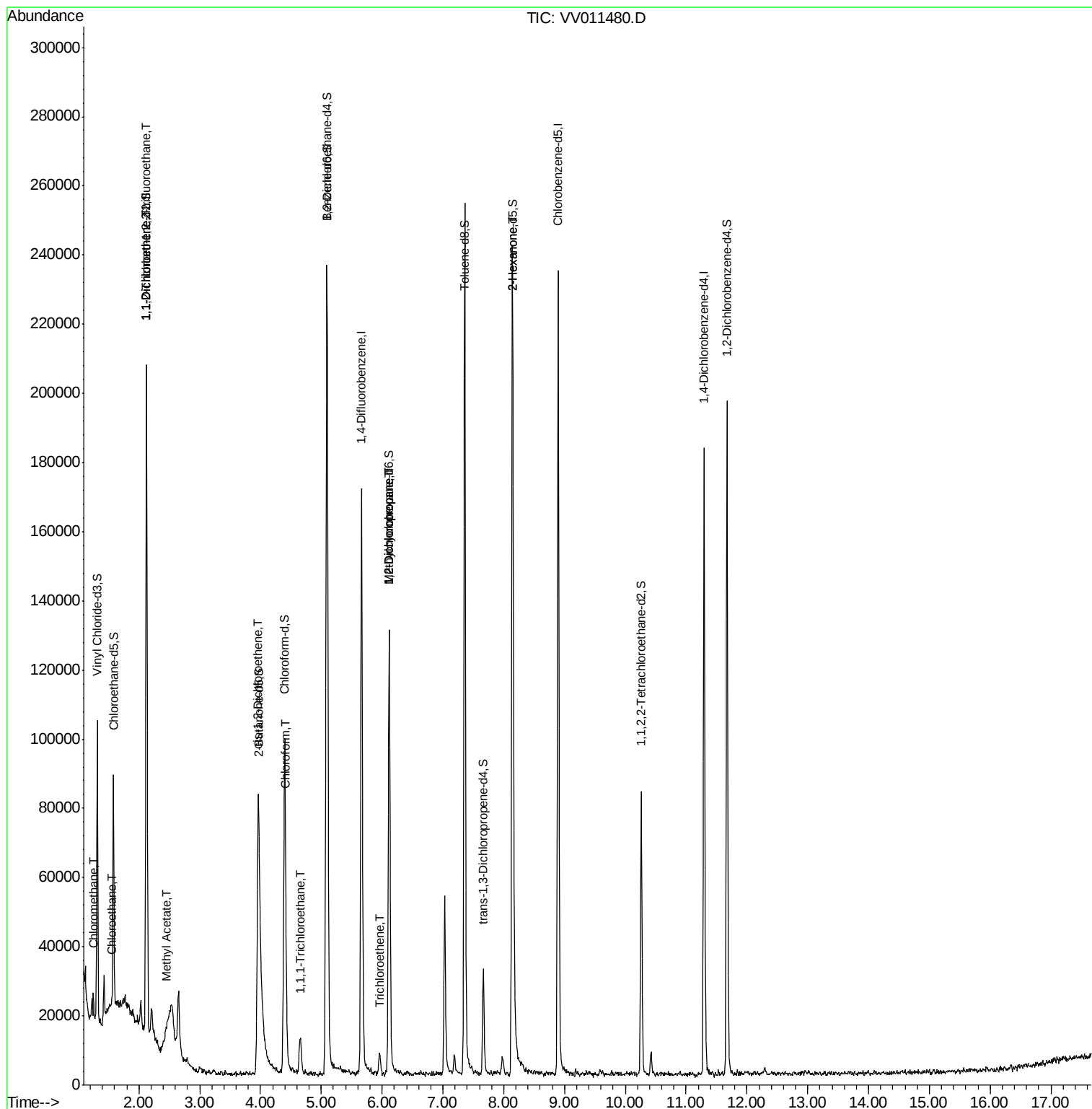
Quant Time: Jun 14 06:10:12 2019

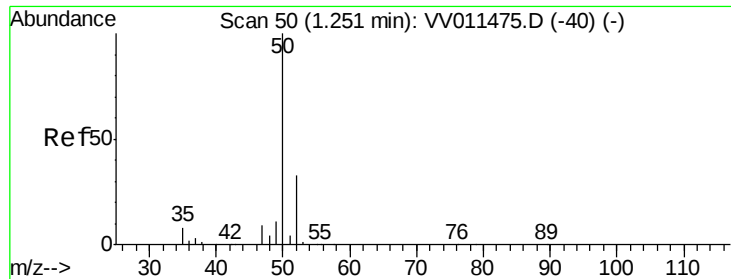
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR060419WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Jun 14 06:06:48 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.367 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011480.D

Acq: 14 Jun 2019 01:41

Instrument :

MSVOA_V

ClientSampleId :

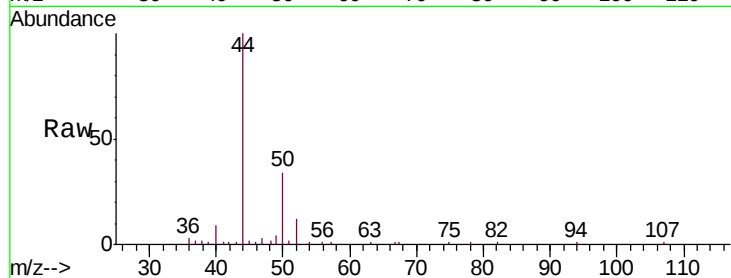
C0LY4

Tgt Ion: 50 Resp: 4690

Ion Ratio Lower Upper

50 100

52 34.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011475.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011475.D (-40) (-)

5000

4000

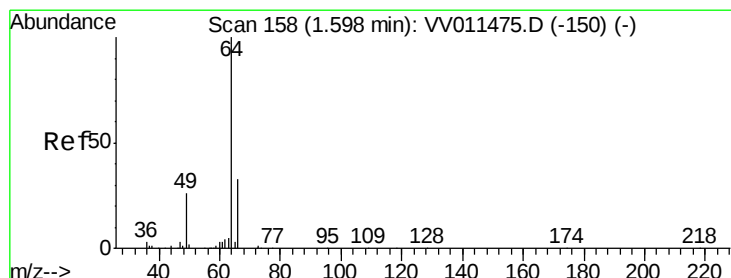
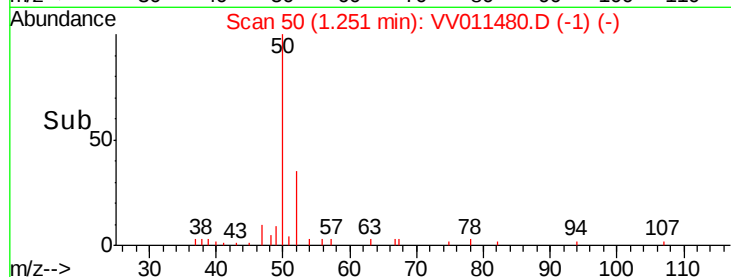
3000

2000

1000

0

Time-->



#8

Chloroethane

Concen: 0.105 ug/L

RT: 1.55 min Scan# 143

Delta R.T. -0.05 min

Lab File: VV011480.D

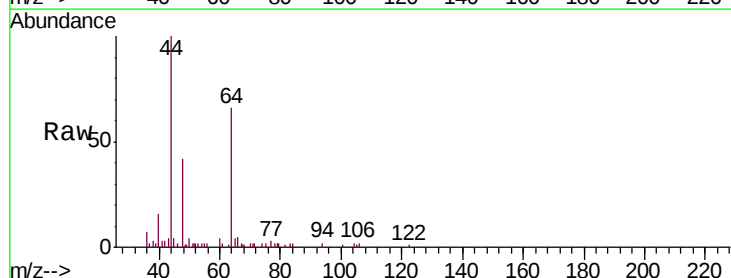
Acq: 14 Jun 2019 01:41

Tgt Ion: 64 Resp: 825

Ion Ratio Lower Upper

64 100

66 7.4 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV011475.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV011475.D (-150) (-)

6000

5000

4000

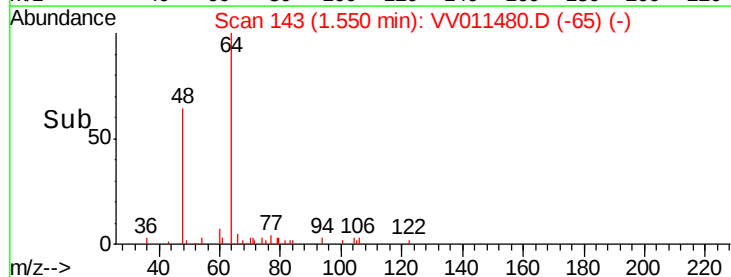
3000

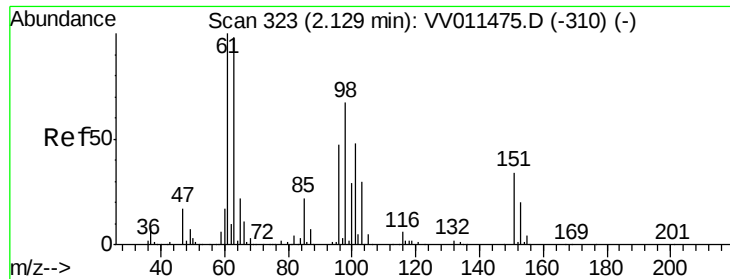
2000

1000

0

Time-->





#10

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

Concen: 0.090 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011480.D

Acq: 14 Jun 2019 01:41

Instrument :

MSVOA_V

ClientSampleId :

C0LY4

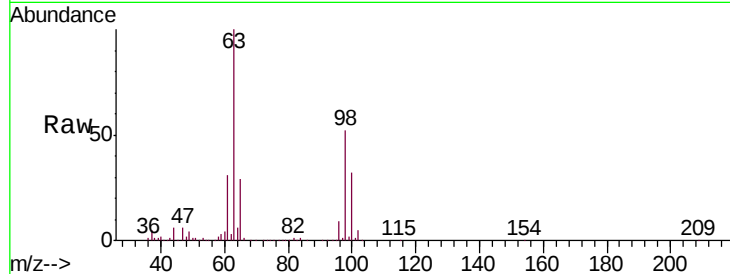
Tgt Ion: 101 Resp: 785

Ion Ratio Lower Upper

101 100

85 2.5 35.5 53.3#

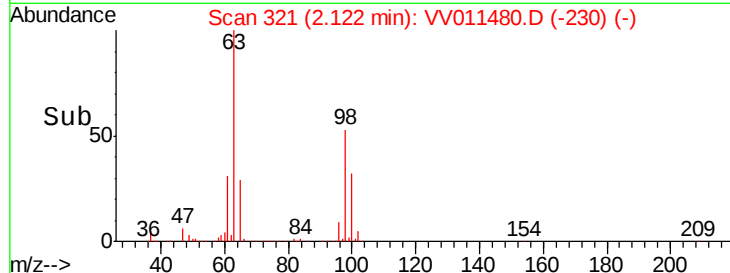
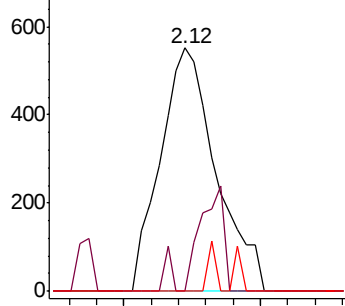
151 0.0 56.9 85.3#



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: 2.134 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011480.D

Acq: 14 Jun 2019 01:41

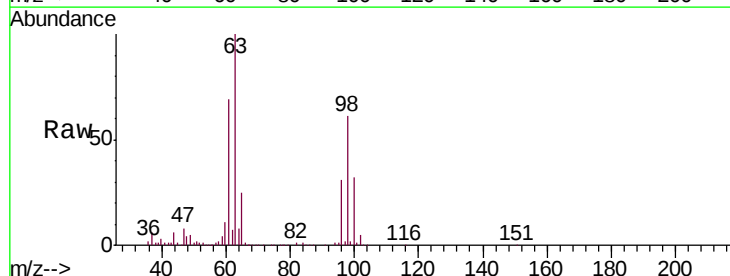
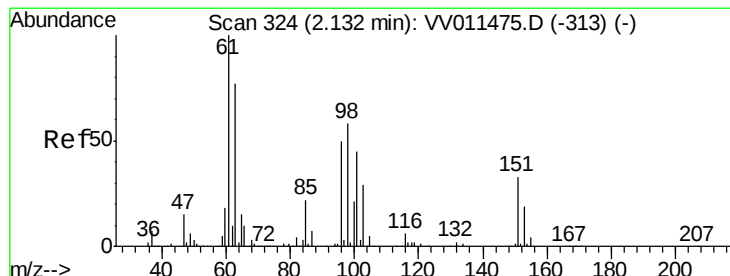
Tgt Ion: 96 Resp: 18003

Ion Ratio Lower Upper

96 100

61 221.5 139.8 259.6

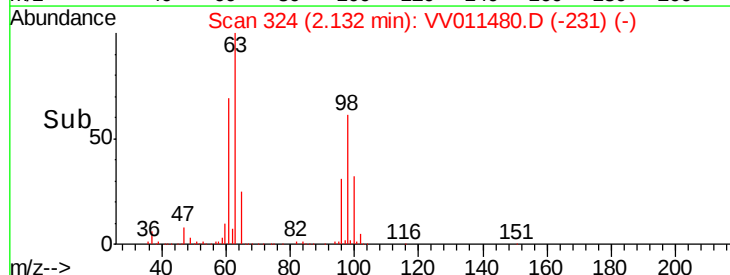
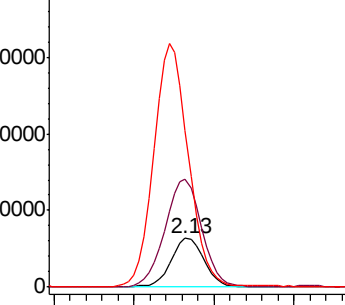
63 322.6 94.3 175.1#

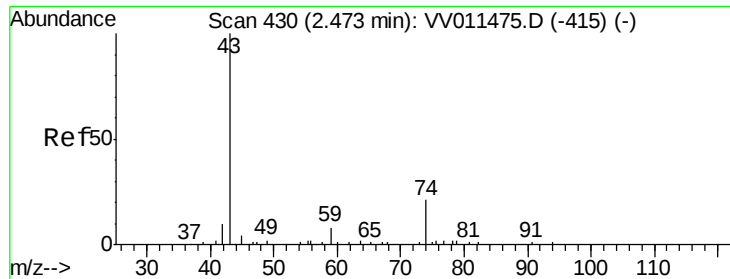


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

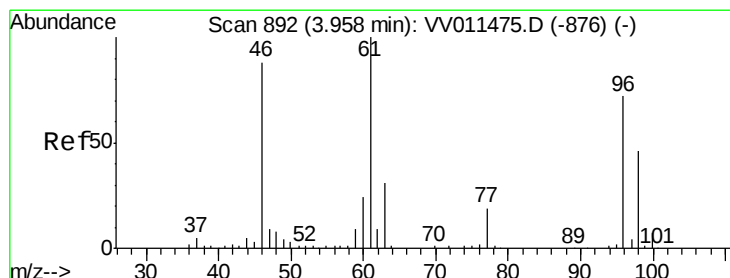
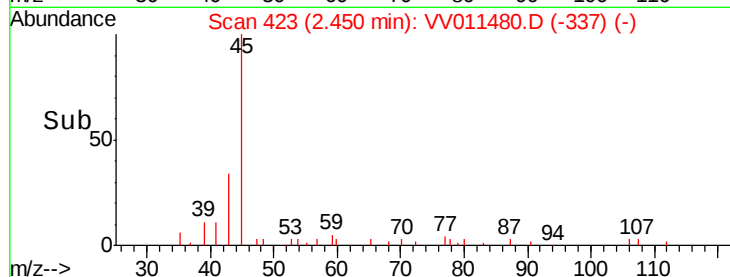
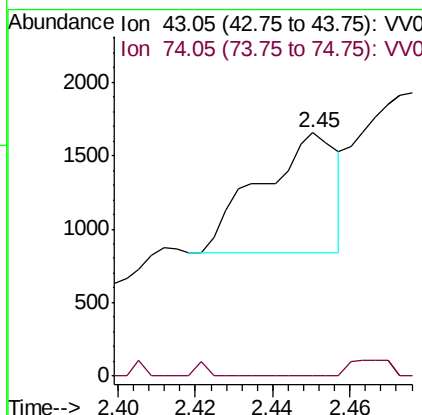
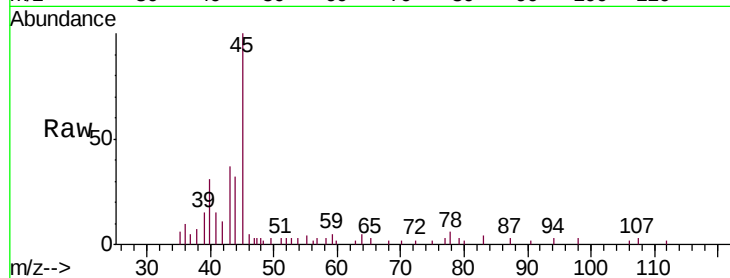




#15
Methyl Acetate
Concen: 0.274 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.02 min
Lab File: VV011480.D
Acq: 14 Jun 2019 01:41

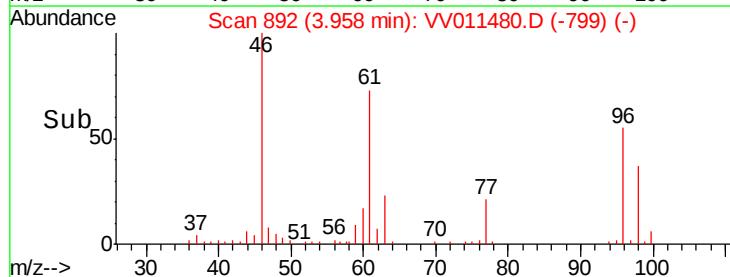
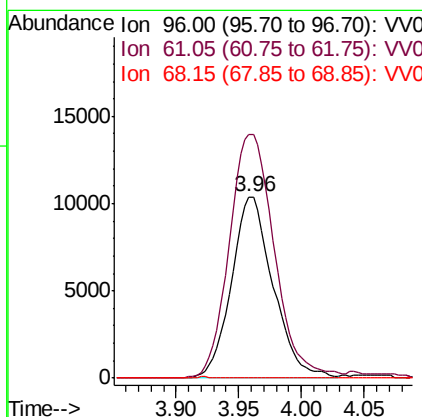
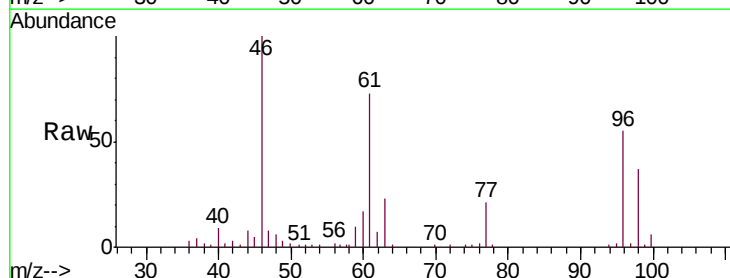
Instrument :
MSVOA_V
ClientSampleId :
COLY4

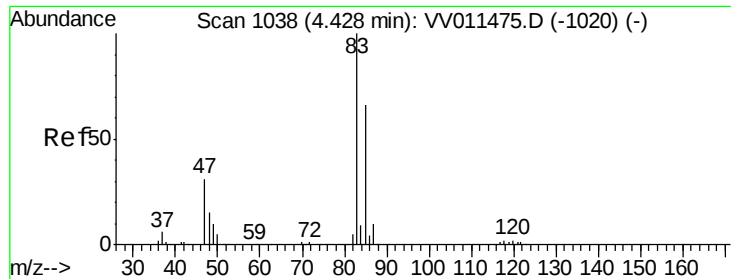
Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
74 7.3 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 2.290 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011480.D
Acq: 14 Jun 2019 01:41

Tgt Ion: 96 Resp: 23962
Ion Ratio Lower Upper
96 100
61 134.2 100.8 187.2
68 0.0 0.0 0.0

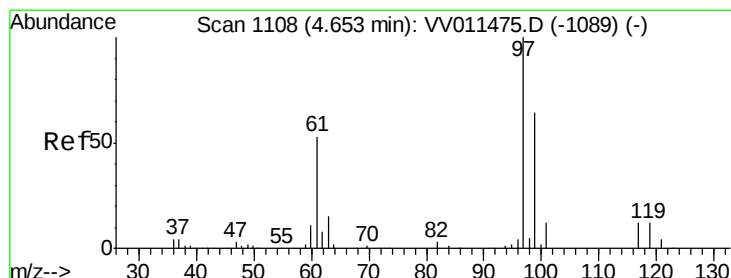
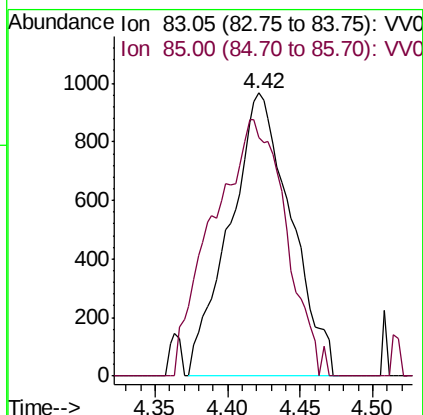
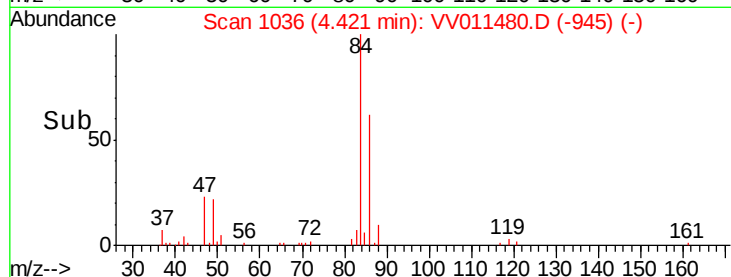
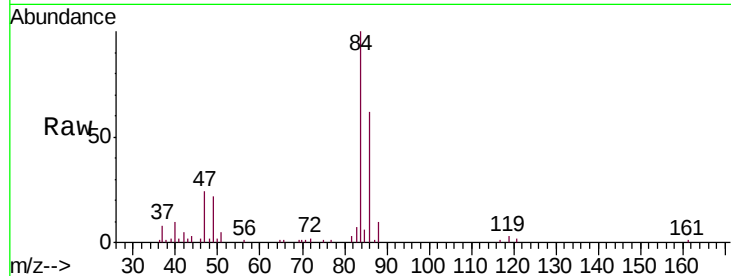




#25
Chloroform
Concen: 0.147 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV011480.D
Acq: 14 Jun 2019 01:41

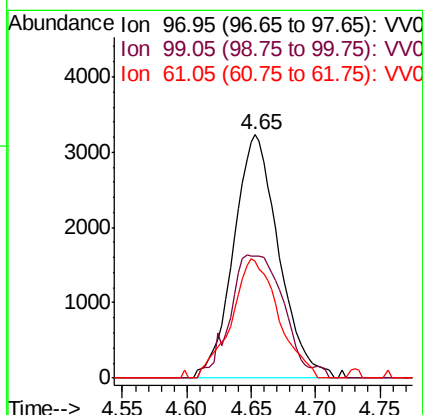
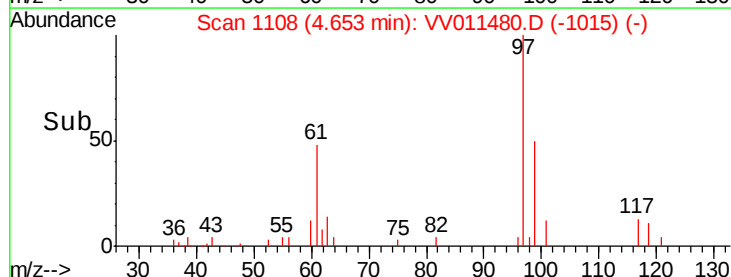
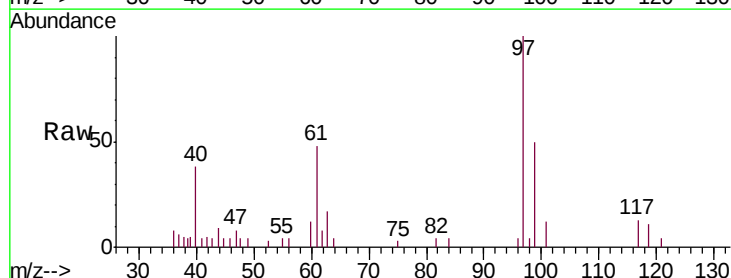
Instrument :
MSVOA_V
ClientSampled :
COLY4

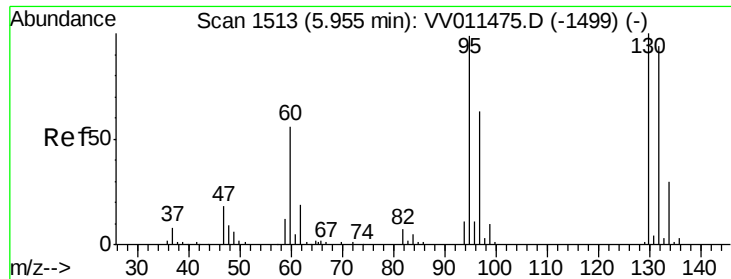
Tgt Ion: 83 Resp: 2834
Ion Ratio Lower Upper
83 100
85 84.4 44.1 81.9#



#29
1,1,1-Trichloroethane
Concen: 0.519 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011480.D
Acq: 14 Jun 2019 01:41

Tgt Ion: 97 Resp: 7850
Ion Ratio Lower Upper
97 100
99 59.4 50.8 76.2
61 51.1 38.9 58.3

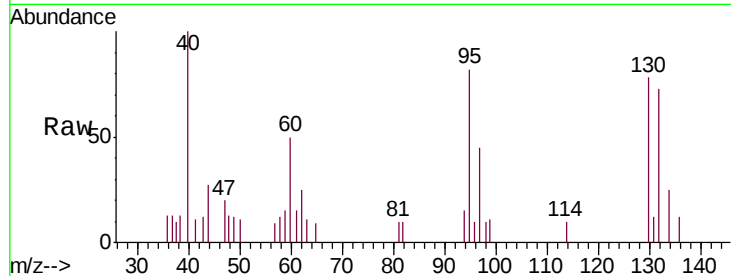




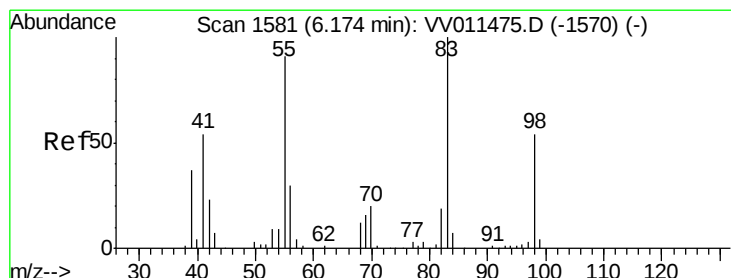
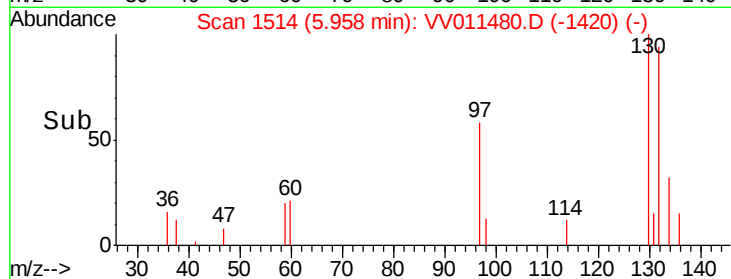
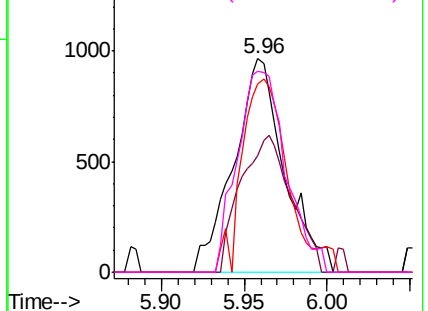
#34
 Trichloroethene
 Concen: 0.211 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011480.D
 Acq: 14 Jun 2019 01:41

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY4

Tgt Ion:	95	Resp:	2057
Ion	Ratio	Lower	Upper
95	100		
97	54.8	45.8	85.2
132	88.3	66.4	123.2
130	94.3	68.3	126.8

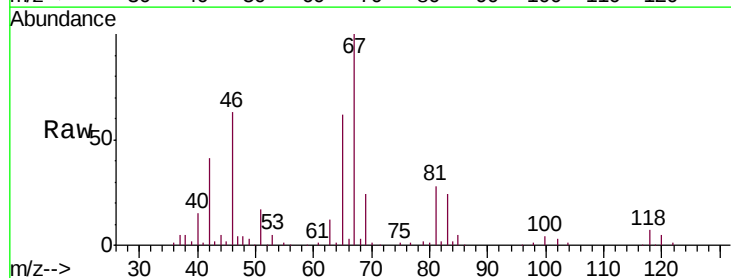


Abundance Ion 95.00 (94.70 to 95.70): VV011480.D (-1499) (-)
 Ion 96.95 (96.65 to 97.65): VV011480.D (-1499) (-)
 Ion 131.95 (131.65 to 132.65): VV011480.D (-1499) (-)
 Ion 129.95 (129.65 to 130.65): VV011480.D (-1499) (-)

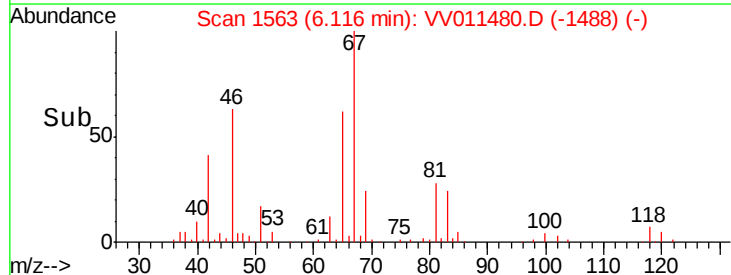
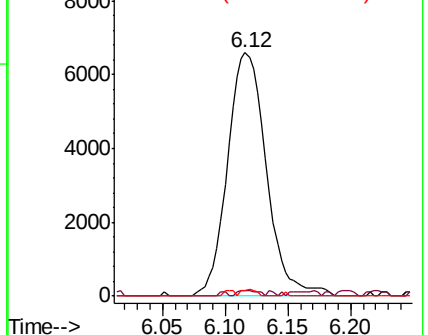


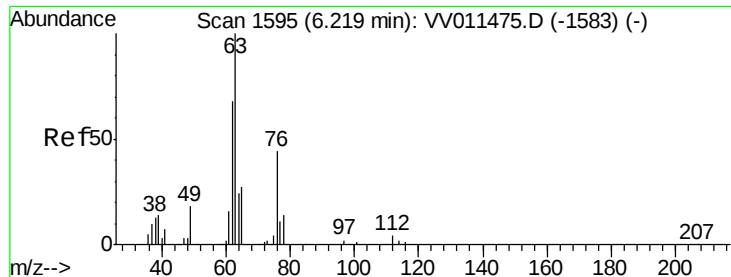
#35
 Methylcyclohexane
 Concen: 0.883 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV011480.D
 Acq: 14 Jun 2019 01:41

Tgt Ion:	83	Resp:	14225
Ion	Ratio	Lower	Upper
83	100		
55	1.2	67.0	100.6#
98	1.0	40.0	60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV011480.D (-1488) (-)
 Ion 55.10 (54.80 to 55.80): VV011480.D (-1488) (-)
 Ion 98.15 (97.85 to 98.85): VV011480.D (-1488) (-)





#37

1,2-Dichloropropane

Concen: 0.759 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011480.D

Acq: 14 Jun 2019 01:41

Instrument :

MSVOA_V

ClientSampleId :

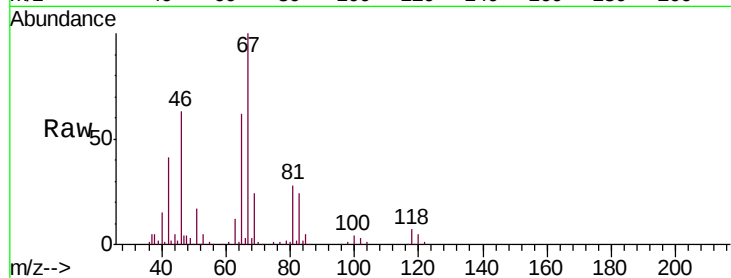
C0LY4

Tgt Ion: 63 Resp: 7127

Ion Ratio Lower Upper

63 100

112 0.9 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011475.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV011475.D (-1583) (-)

6.12

3000

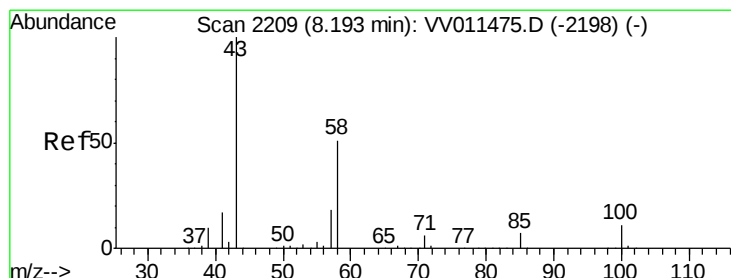
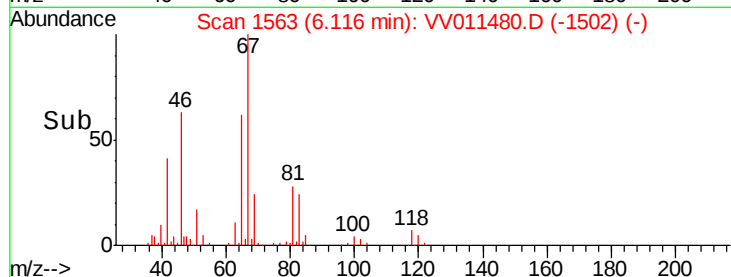
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 3.136 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV011480.D

Acq: 14 Jun 2019 01:41

Tgt Ion: 43 Resp: 13078

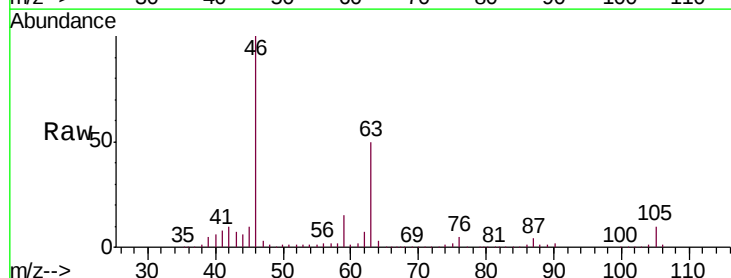
Ion Ratio Lower Upper

43 100

58 26.8 41.4 62.0#

57 25.9 15.0 22.4#

100 1.2 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV011475.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV011475.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV011475.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV011475.D (-2198) (-)

8.14

10000

8000

6000

4000

2000

0

8.05 8.10 8.15 8.20

Time-->

