

Data File : VV011484.D
Acq On : 14 Jun 2019 03:32
Operator : SY/MD
Sample : K3313-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY9

Quant Time: Jun 14 06:10:53 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	129656	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117889	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48450	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	40132	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.12	63	78535	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.97	46	113826	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.40	84	86711	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.08	65	49594	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	176857	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	52587	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	152354	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	14266	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	85800	49.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34793	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	44690	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

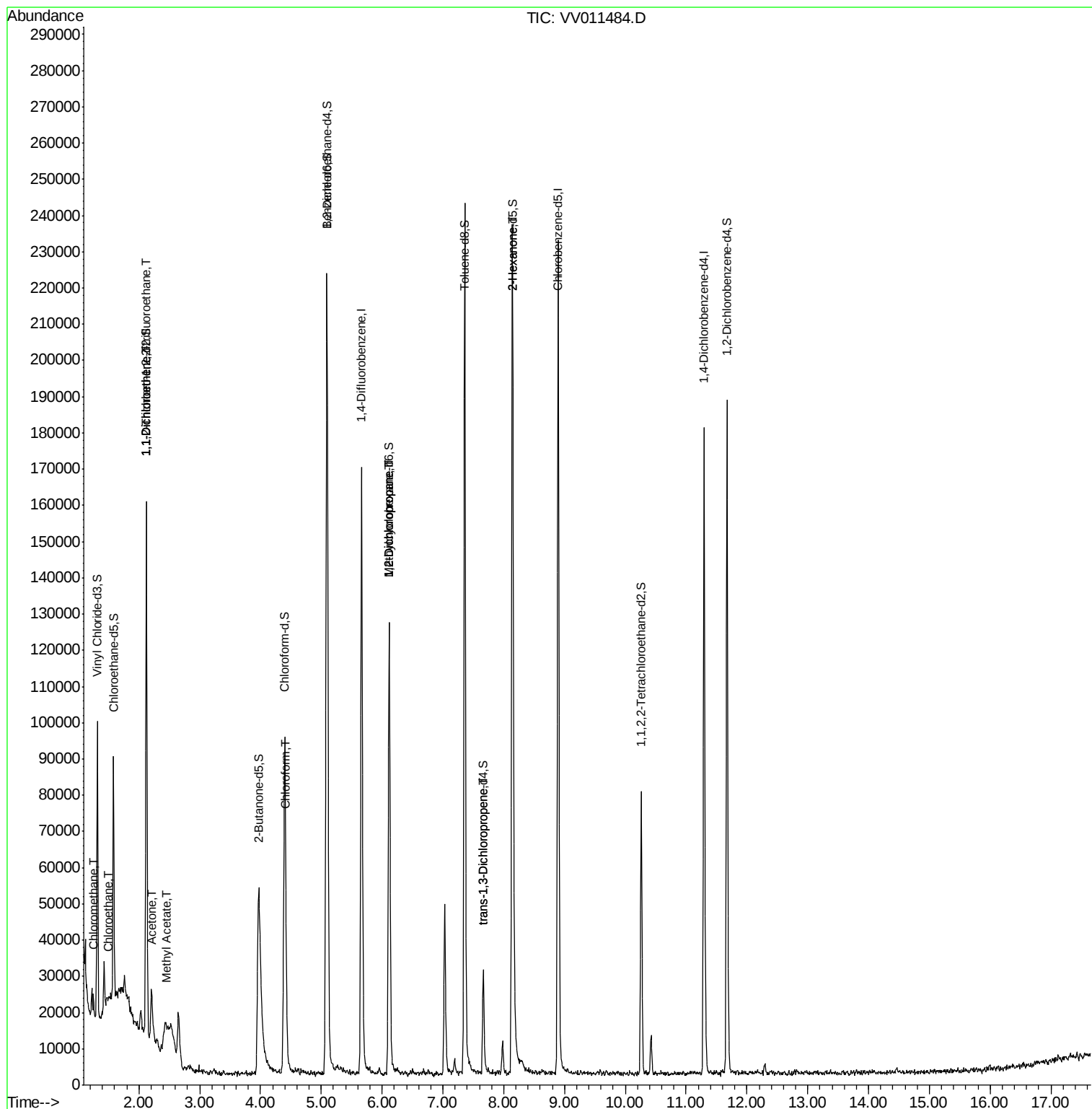
					Qvalue
3) Chloromethane	1.25	50	3453	0.279 ug/L	99
8) Chloroethane	1.50	64	811	0.106 ug/L #	47
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	909	0.108 ug/L #	27
12) 1,1-Dichloroethene	2.13	96	1454	0.178 ug/L #	1
13) Acetone	2.22	43	2572	1.734 ug/L	47
15) Methyl Acetate	2.46	43	803	0.204 ug/L #	84
25) Chloroform	4.42	83	3436	0.184 ug/L	86
35) Methylcyclohexane	6.12	83	13077	0.816 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7382	0.791 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	875	0.084 ug/L #	49
48) 2-Hexanone	8.14	43	14369	3.465 ug/L #	73

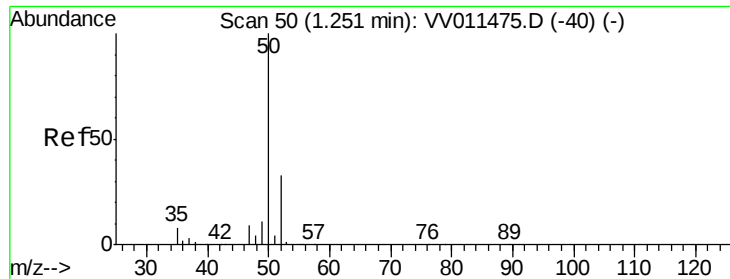
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.279 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 14 Jun 2019 03:32

Instrument :

MSVOA_V

ClientSampleId :

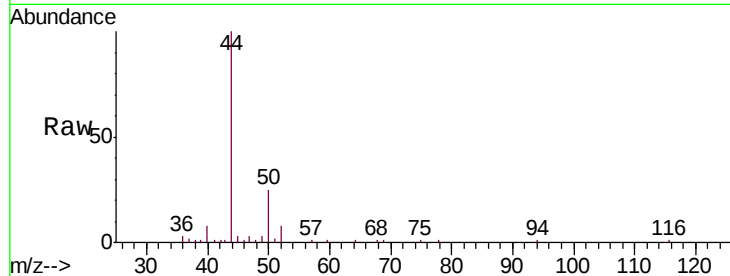
C0LY9

Tgt Ion: 50 Resp: 3453

Ion Ratio Lower Upper

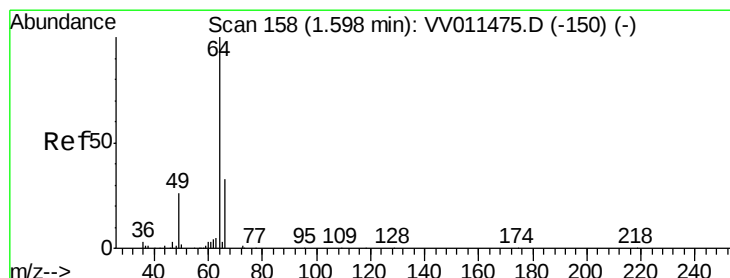
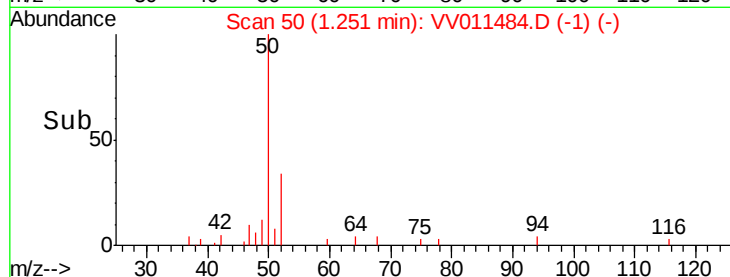
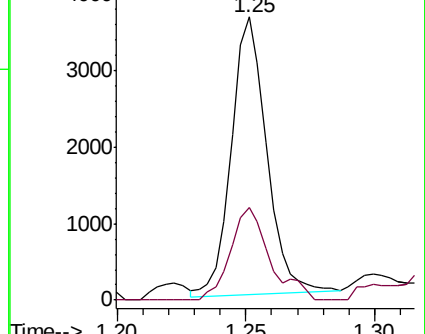
50 100

52 32.6 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: 0.106 ug/L

RT: 1.50 min Scan# 127

Delta R.T. -0.10 min

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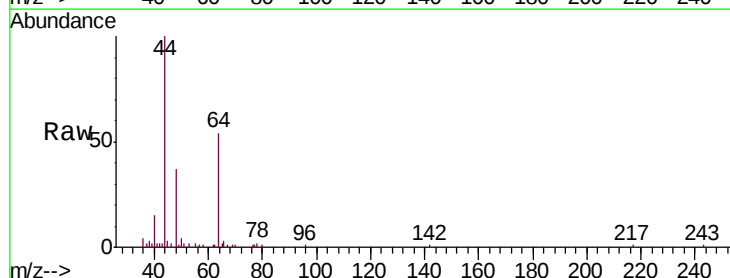
Acq: 14 Jun 2019 03:32

Tgt Ion: 64 Resp: 811

Ion Ratio Lower Upper

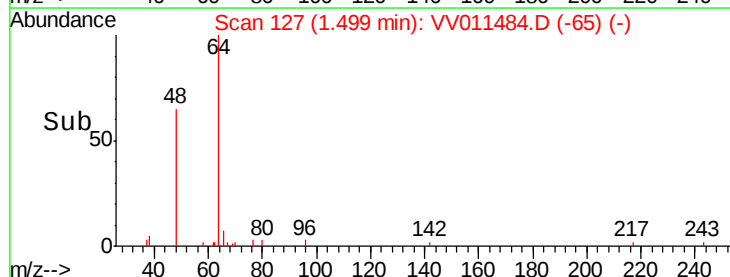
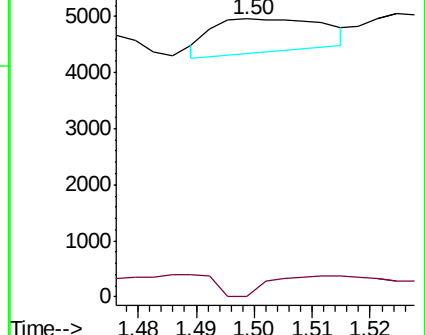
64 100

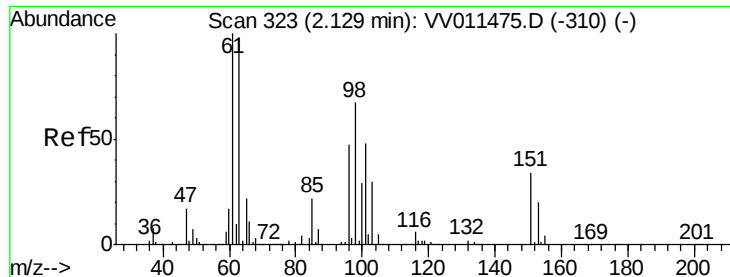
66 0.0 19.4 36.0#



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: 0.108 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011484.D

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Instrument :

MSVOA_V

ClientSampleId :

C0LY9

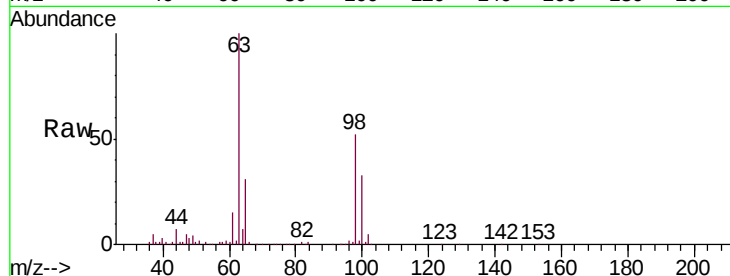
Tgt Ion: 101 Resp: 909

Ion Ratio Lower Upper

101 100

85 4.4 35.5 53.3#

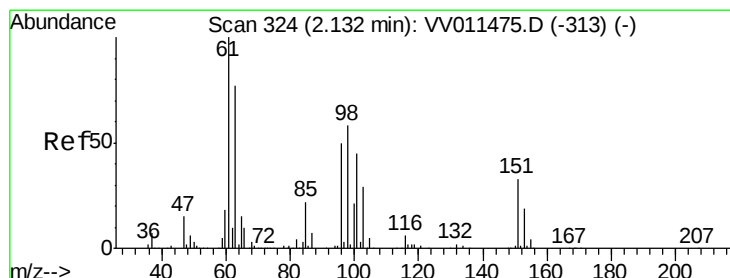
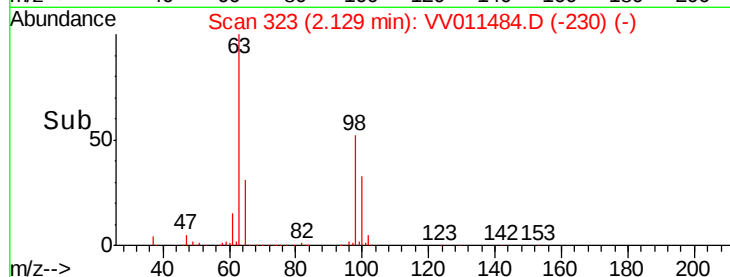
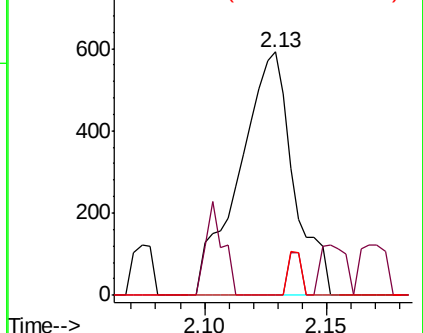
151 4.4 56.9 85.3#



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: 0.178 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011484.D

Acq: 14 Jun 2019 03:32

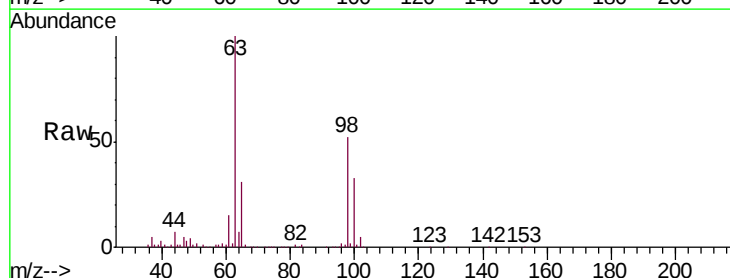
Tgt Ion: 96 Resp: 1454

Ion Ratio Lower Upper

96 100

61 815.5 139.8 259.6#

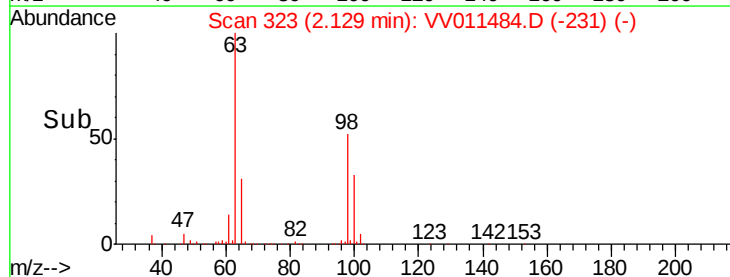
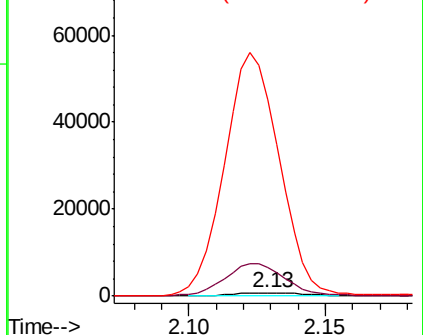
63 5493.7 94.3 175.1#

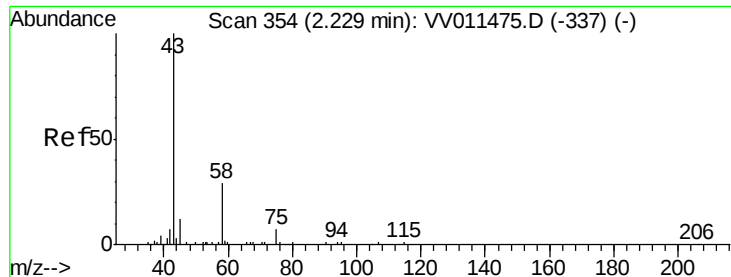


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.734 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV011484.D

Acq: 14 Jun 2019 03:32

Instrument :

MSVOA_V

ClientSampleId :

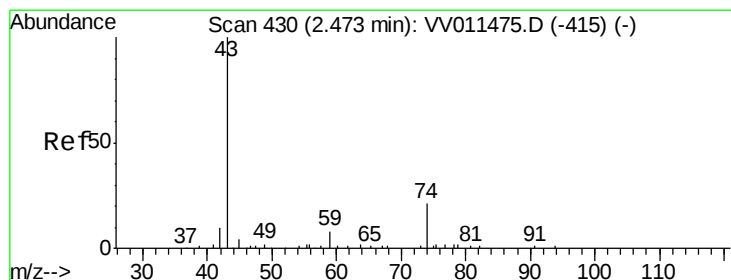
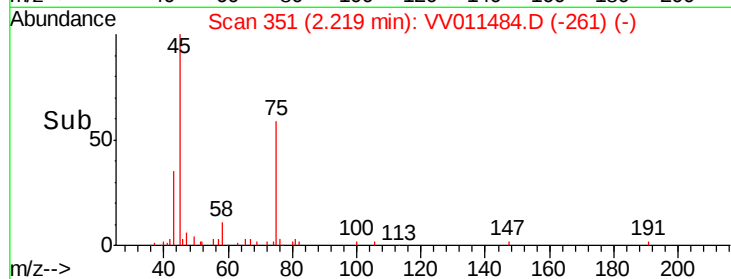
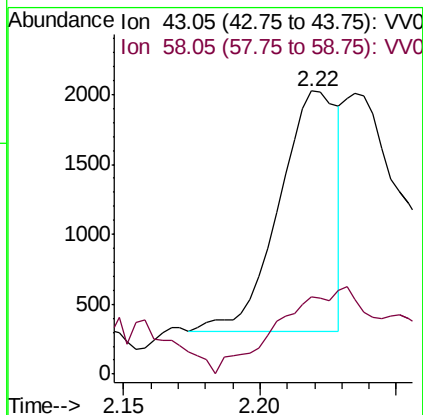
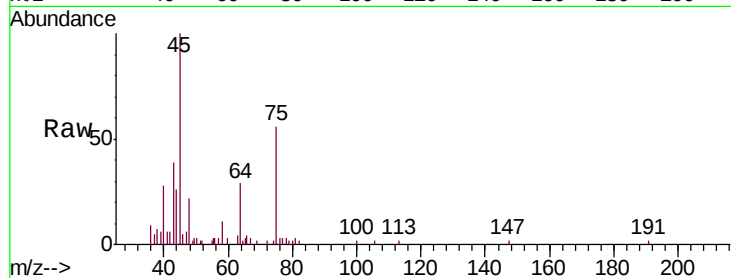
C0LY9

Tgt Ion: 43 Resp: 2572

Ion Ratio Lower Upper

43 100

58 55.2 0.0 55.2



#15

Methyl Acetate

Concen: 0.204 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV011484.D

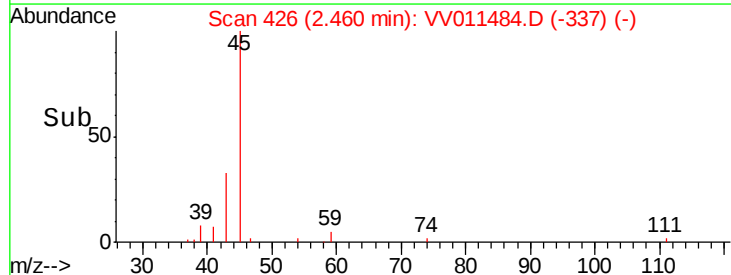
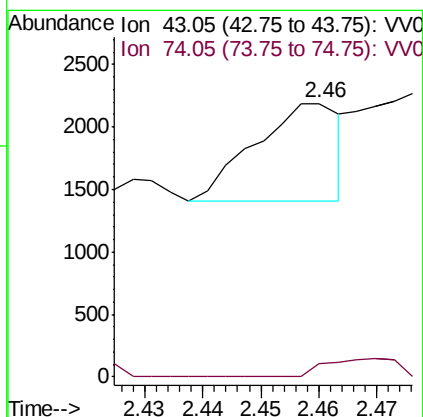
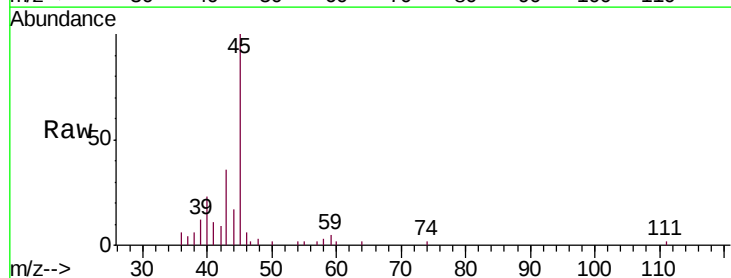
Acq: 14 Jun 2019 03:32

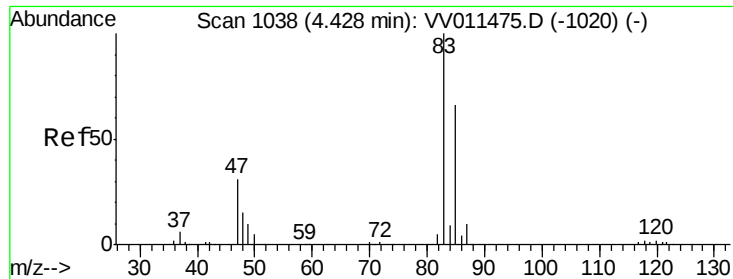
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

74 15.6 18.5 27.7#

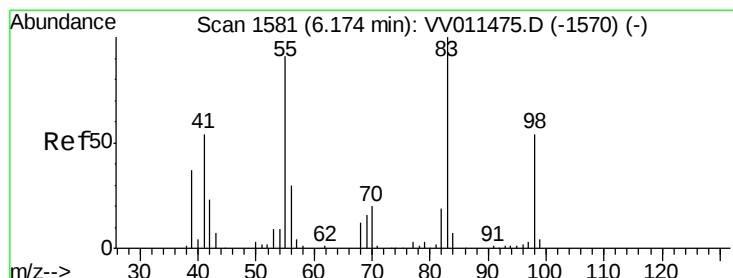
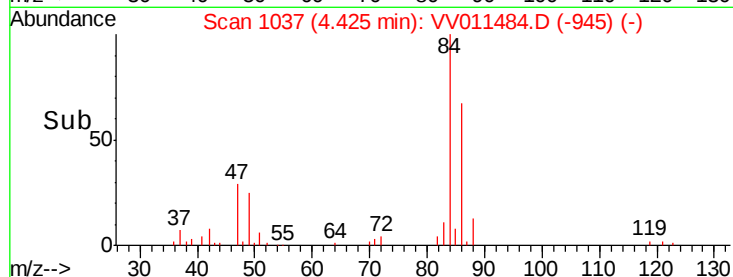
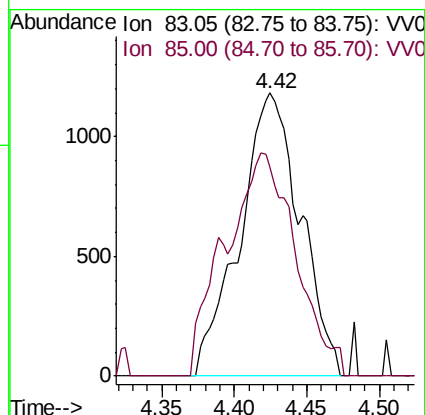
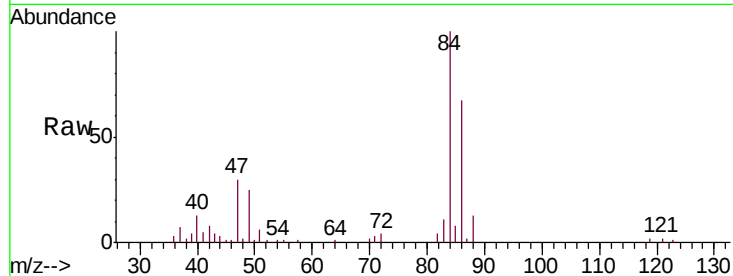




#25
Chloroform
Concen: 0.184 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011484.D
Acq: 14 Jun 2019 03:32

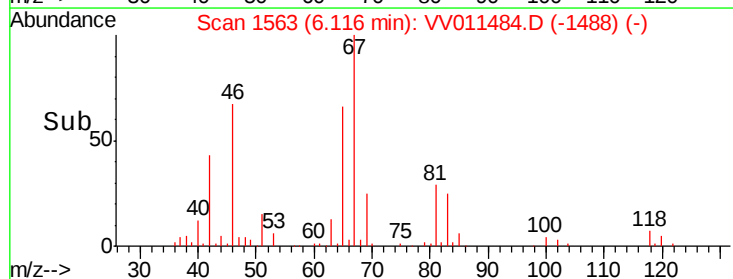
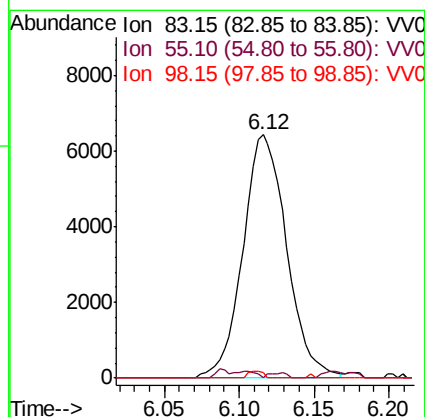
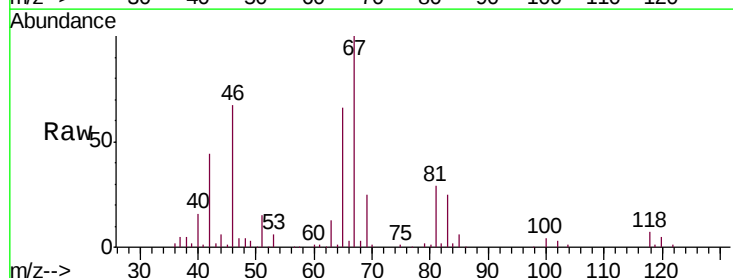
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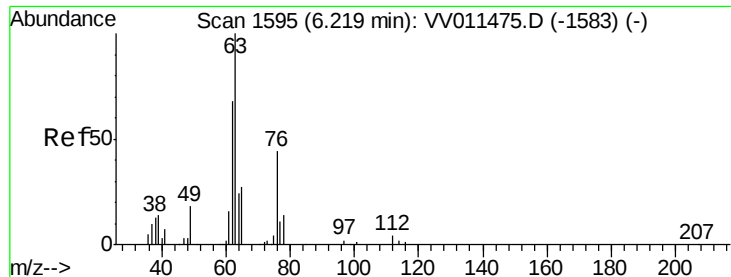
Tgt Ion: 83 Resp: 3436
Ion Ratio Lower Upper
83 100
85 73.7 44.1 81.9



#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011484.D
Acq: 14 Jun 2019 03:32

Tgt Ion: 83 Resp: 13077
Ion Ratio Lower Upper
83 100
55 1.1 67.0 100.6#
98 1.0 40.0 60.0#

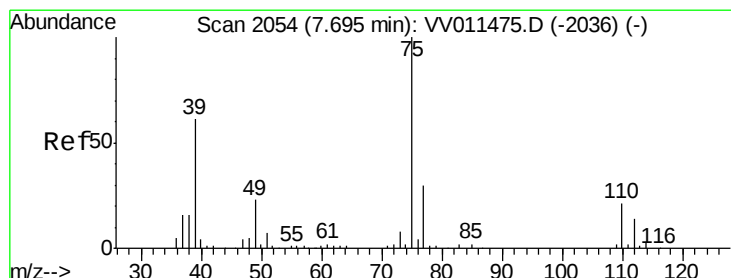
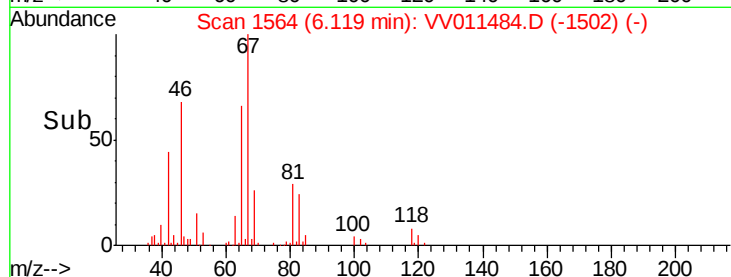
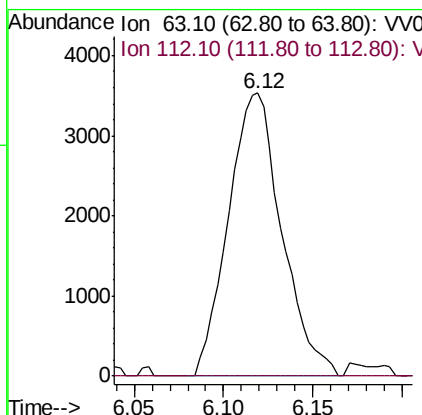
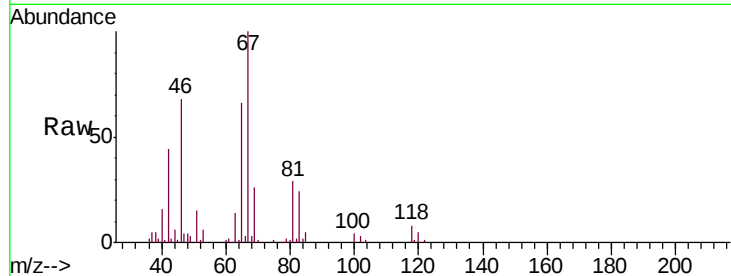




#37
 1,2-Dichloropropane
 Concen: 0.791 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011484.D
 Acq: 14 Jun 2019 03:32

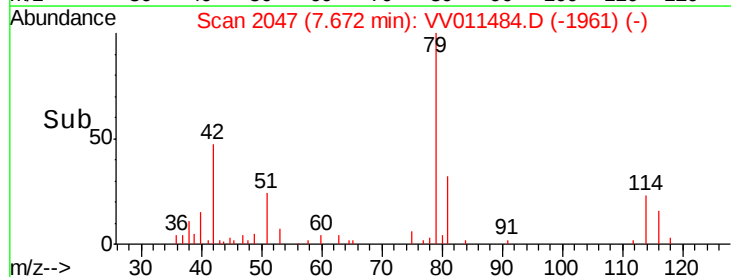
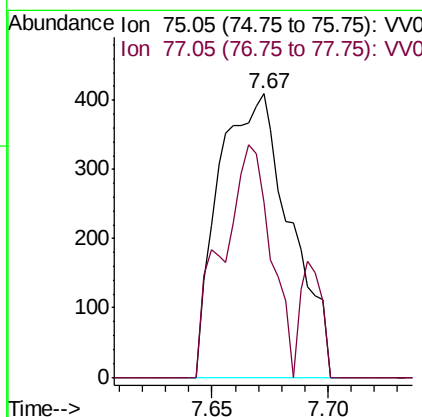
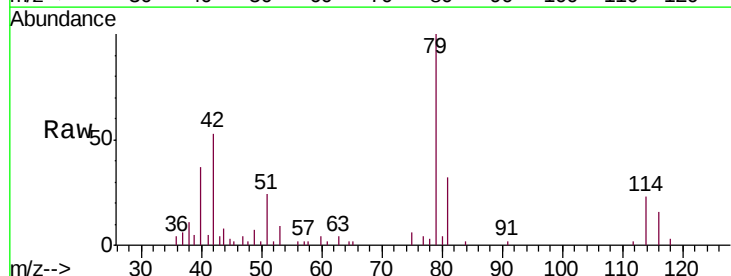
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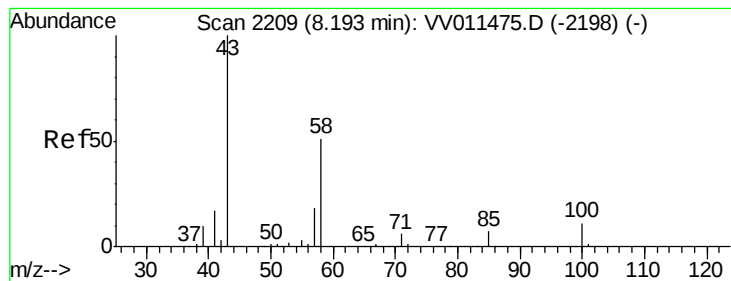
Tgt Ion: 63 Resp: 7382
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: VV011484.D
 Acq: 14 Jun 2019 03:32

Tgt Ion: 75 Resp: 875
 Ion Ratio Lower Upper
 75 100
 77 61.6 23.1 42.9#





#48
 2-Hexanone
 Concen: 3.465 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011484.D
 Acq: 14 Jun 2019 03:32

Instrument :
 MSVOA_V
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Tgt Ion:	43	Resp:	14369
Ion	Ratio	Lower	Upper
43	100		
58	30.4	41.4	62.0#
57	25.3	15.0	22.4#
100	0.1	9.0	13.4#

