

Data File : VV011471.D
Acq On : 13 Jun 2019 20:09
Operator : SY/MD
Sample : K3314-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM43

Quant Time: Jun 14 04:43:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126957	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53013	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.58	69	41976	5.25	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.12	63	85671	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	3.97	46	120645	55.70	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	4.40	84	92846	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.08	65	53624	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.10	84	189421	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.12	67	57054	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	164431	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.67	79	16387	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	89523	52.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37647	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	47665	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

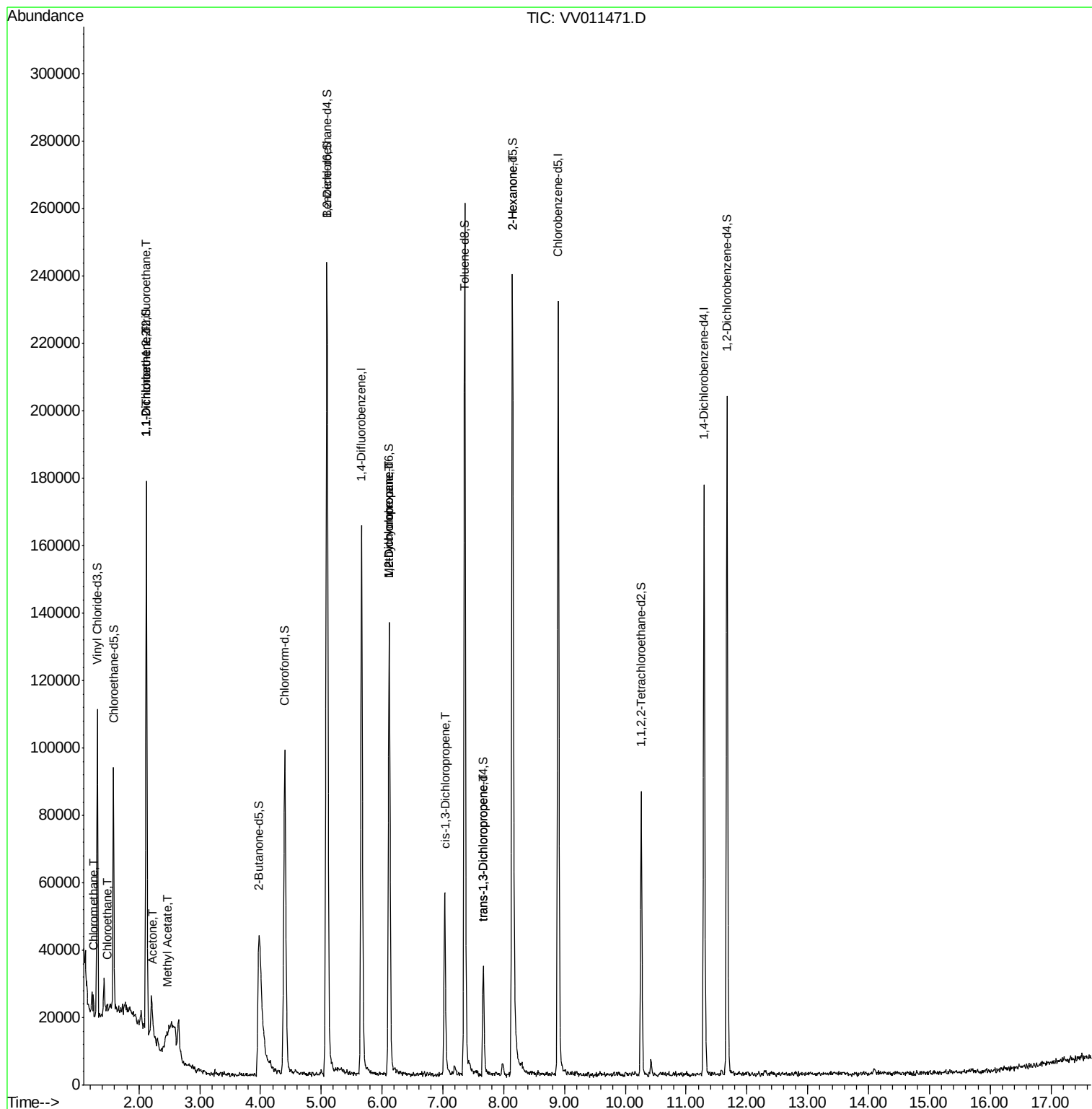
						Qvalue
3) Chloromethane	1.25	50	3122	0.258	ug/L	97
8) Chloroethane	1.48	64	804	0.108	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	807	0.098	ug/L #	25
12) 1,1-Dichloroethene	2.13	96	1011	0.126	ug/L #	1
13) Acetone	2.23	43	2987	2.057	ug/L	99
15) Methyl Acetate	2.46	43	2848	0.738	ug/L #	54
35) Methylcyclohexane	6.12	83	14261	0.916	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8097	0.892	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1691	0.127	ug/L #	60
44) trans-1,3-Dichloropropene	7.66	75	1135	0.112	ug/L #	73
48) 2-Hexanone	8.14	43	14324	3.555	ug/L #	71

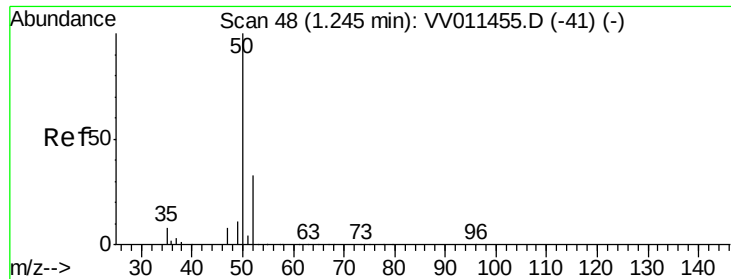
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.258 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011471.D

Acq: 13 Jun 2019 20:09

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ClientSampleId :

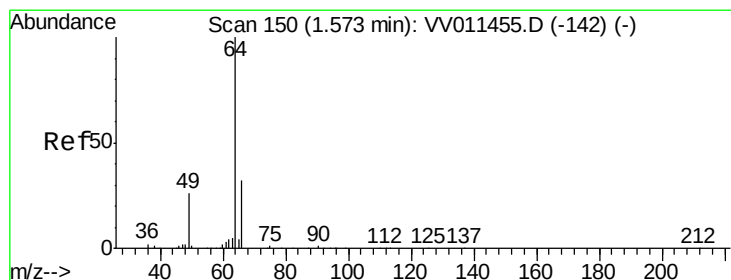
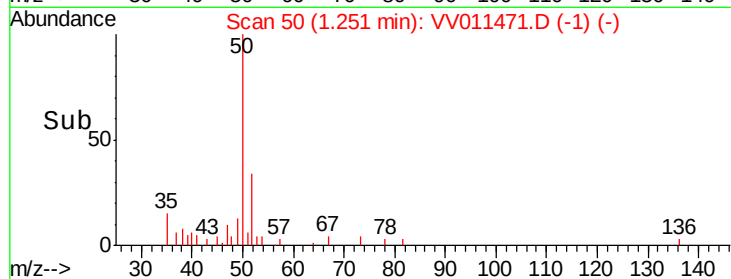
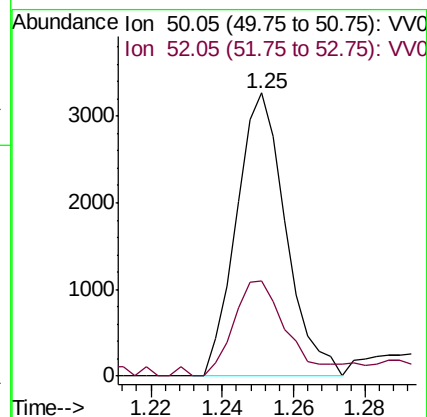
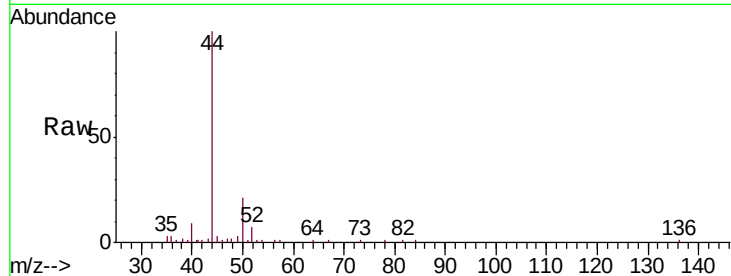
COM43

Tgt Ion: 50 Resp: 3122

Ion Ratio Lower Upper

50 100

52 33.6 22.3 41.5



#8

Chloroethane

Concen: 0.108 ug/L

RT: 1.48 min Scan# 122

Delta R.T. -0.09 min

Lab File: VV011471.D

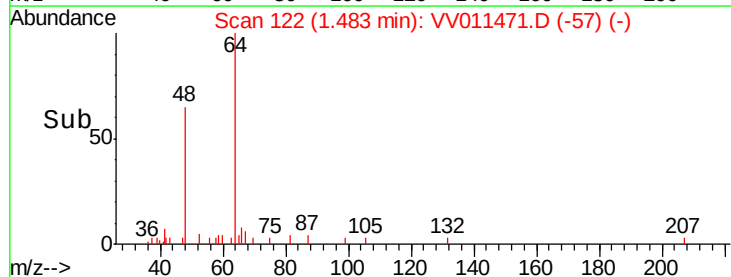
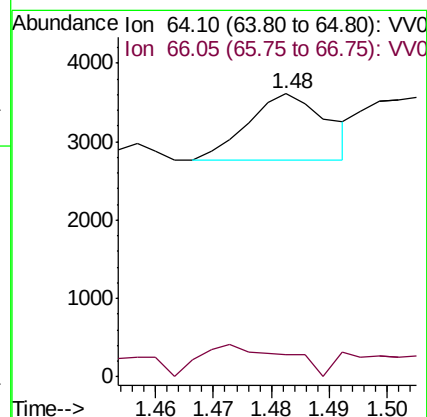
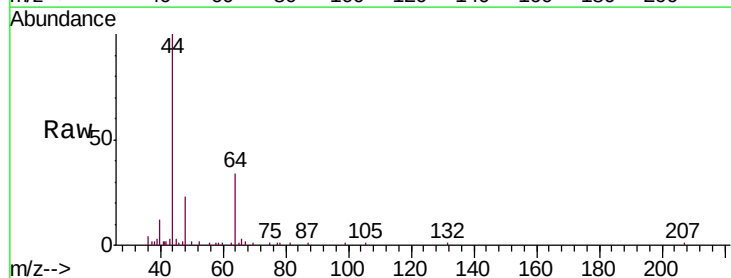
Acq: 13 Jun 2019 20:09

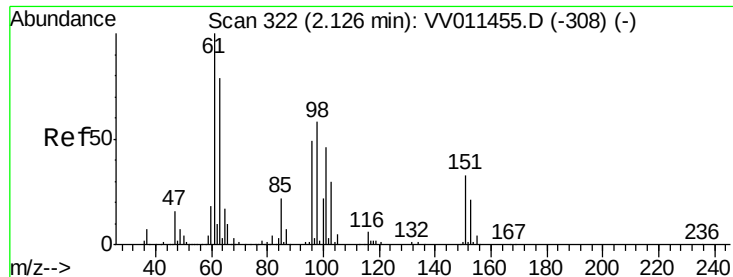
Tgt Ion: 64 Resp: 804

Ion Ratio Lower Upper

64 100

66 7.7 19.4 36.0#





#10

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

Concen: 0.098 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011471.D

Acq: 13 Jun 2019 20:09

Instrument :

MSVOA_V

ClientSampleId :

C0M43

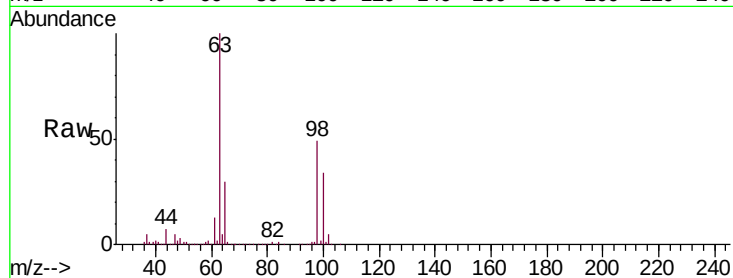
Tgt Ion: 101 Resp: 807

Ion Ratio Lower Upper

101 100

85 7.8 35.5 53.3#

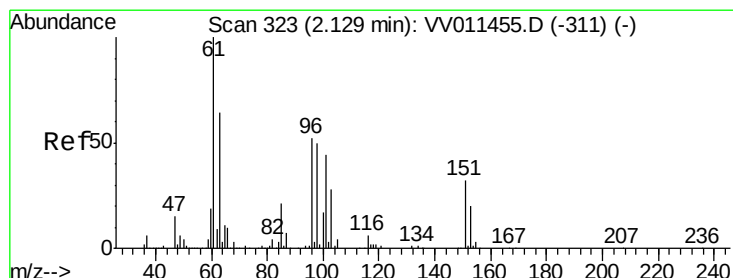
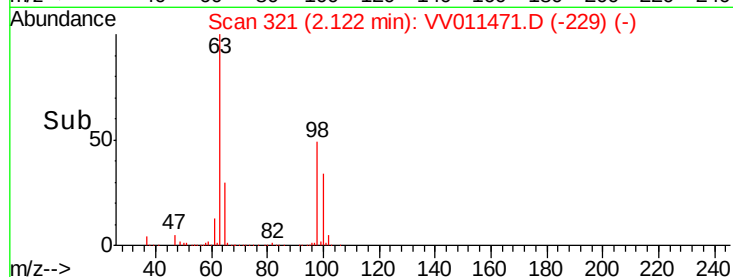
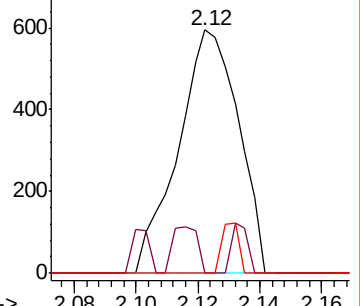
151 0.0 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): VV011455.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV011455.D (-308) (-)

Ion 151.00 (150.70 to 151.70): VV011455.D (-308) (-)



#12

1,1-Dichloroethene

Concen: 0.126 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011471.D

Acq: 13 Jun 2019 20:09

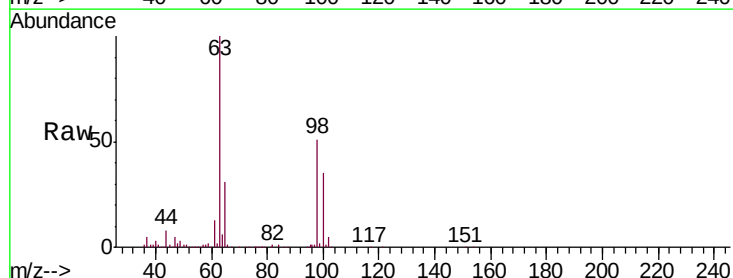
Tgt Ion: 96 Resp: 1011

Ion Ratio Lower Upper

96 100

61 1012.5 139.8 259.6#

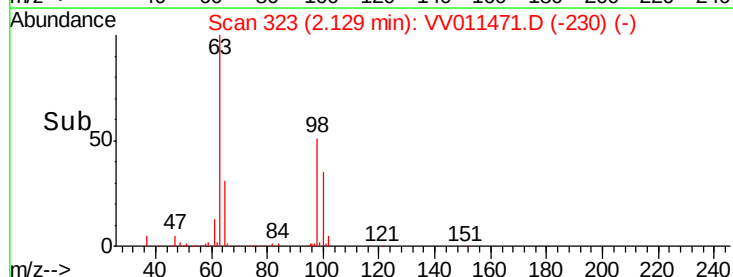
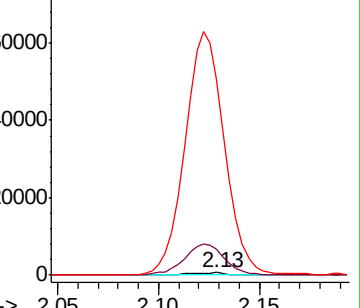
63 7731.7 94.3 175.1#

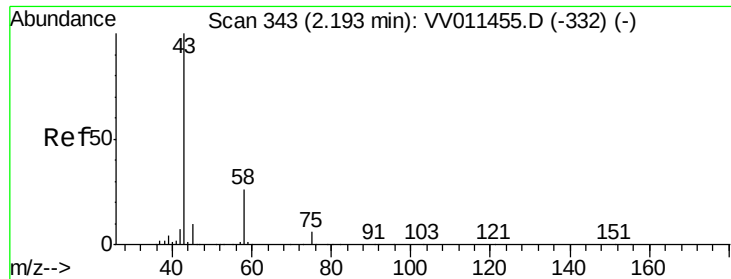


Abundance Ion 96.00 (95.70 to 96.70): VV011455.D (-311) (-)

Ion 61.05 (60.75 to 61.75): VV011455.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV011455.D (-311) (-)





#13

Acetone

Concen: 2.057 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.04 min

Lab File: VV011471.D

Acq: 13 Jun 2019 20:09

Instrument :

MSVOA_V

ClientSampleId :

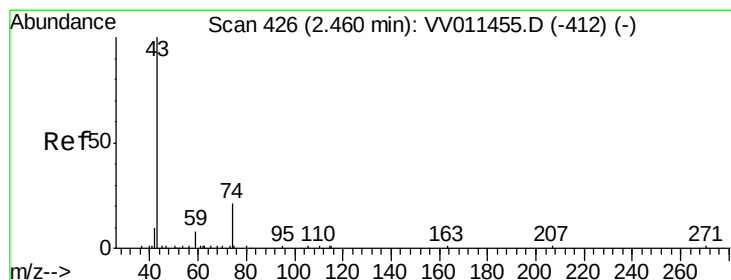
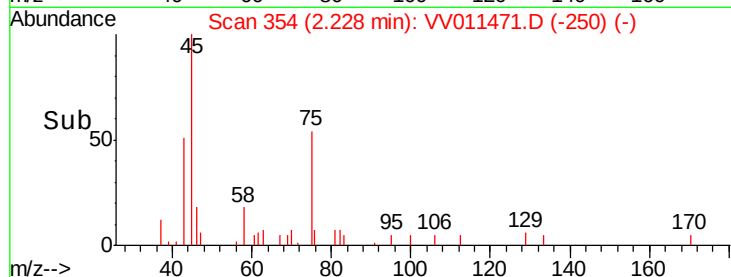
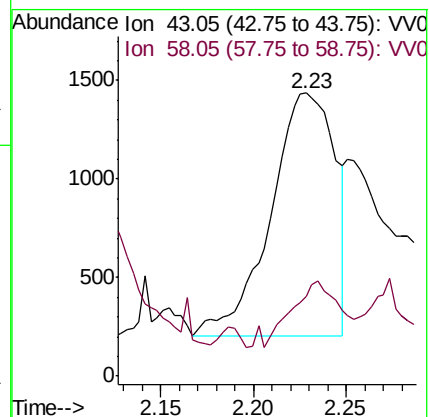
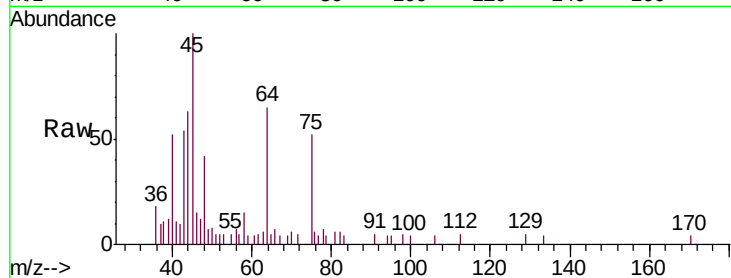
COM43

Tgt Ion: 43 Resp: 2987

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.2



#15

Methyl Acetate

Concen: 0.738 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV011471.D

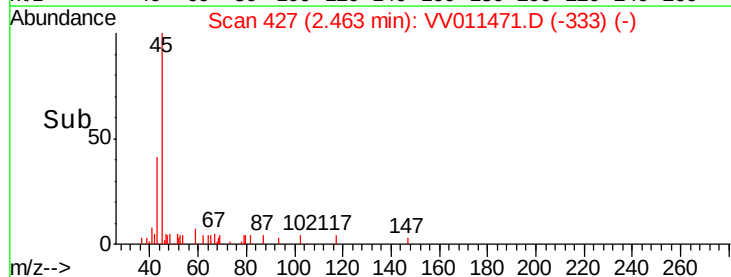
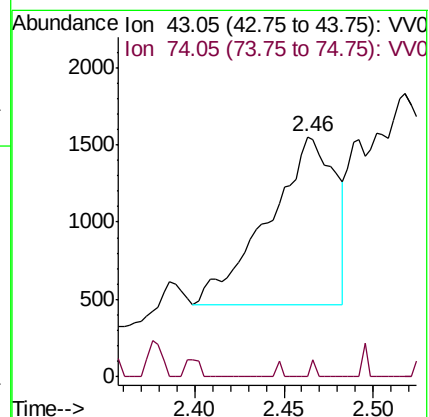
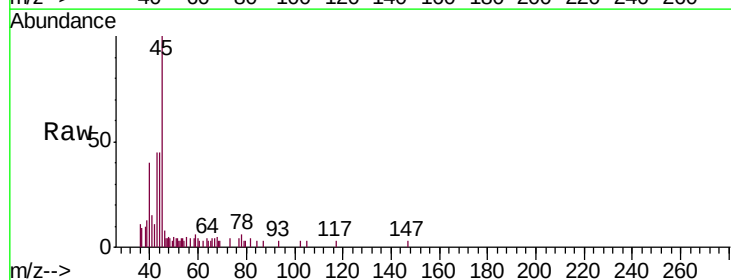
Acq: 13 Jun 2019 20:09

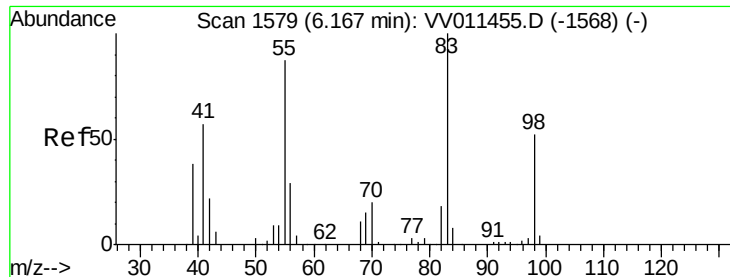
Tgt Ion: 43 Resp: 2848

Ion Ratio Lower Upper

43 100

74 0.7 18.5 27.7#

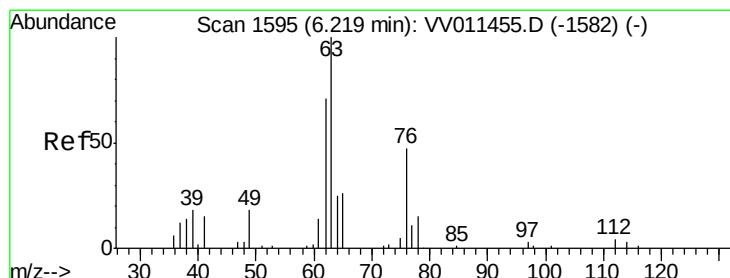
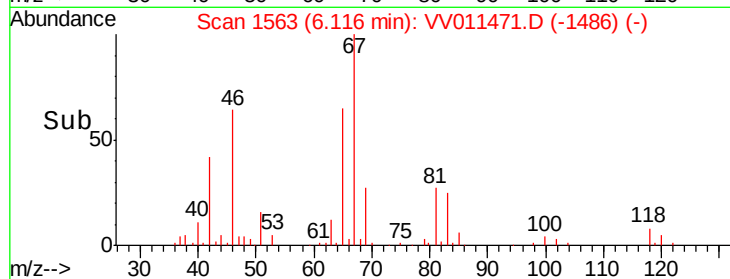
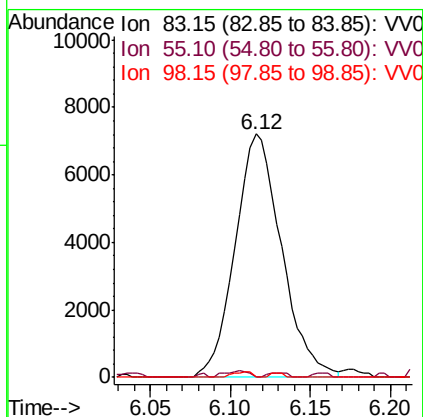
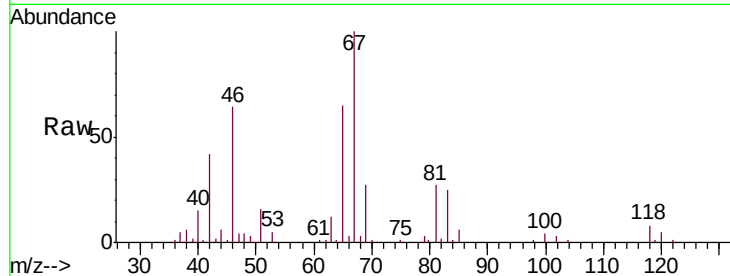




#35
Methylcyclohexane
Concen: 0.916 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011471.D
Acq: 13 Jun 2019 20:09

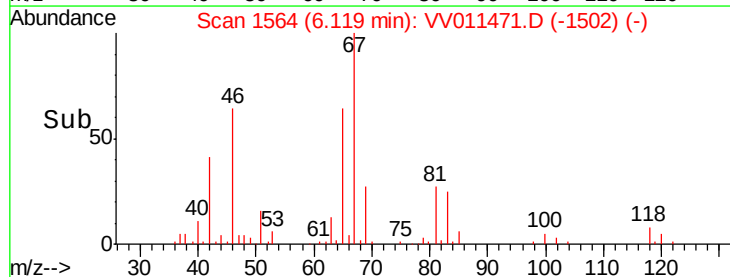
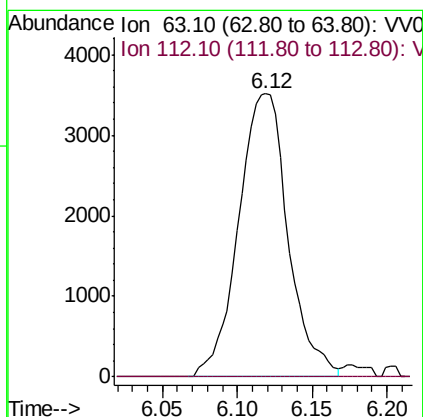
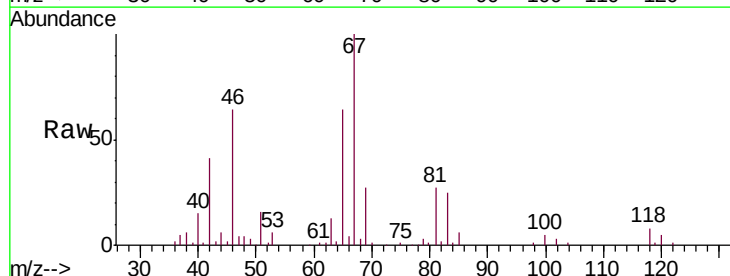
Instrument :
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ClientSampleId :
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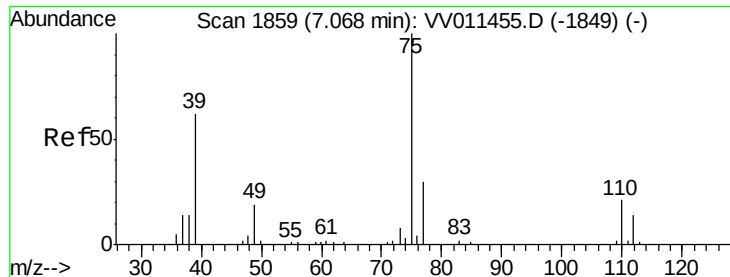
Tgt Ion: 83 Resp: 14261
Ion Ratio Lower Upper
83 100
55 1.4 67.0 100.6#
98 0.9 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.892 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011471.D
Acq: 13 Jun 2019 20:09

Tgt Ion: 63 Resp: 8097
Ion Ratio Lower Upper
63 100
112 0.6 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011471.D

Acq: 13 Jun 2019 20:09

Instrument :

MSVOA_V

ClientSampleId :

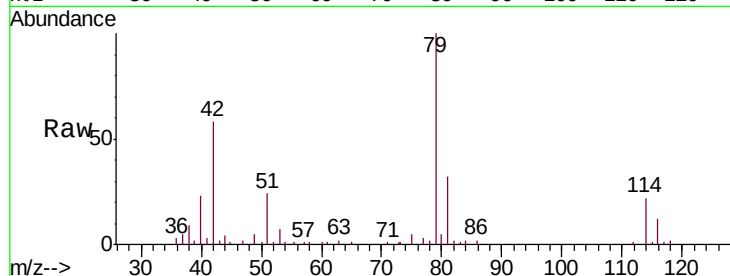
COM43

Tgt Ion: 75 Resp: 1691

Ion Ratio Lower Upper

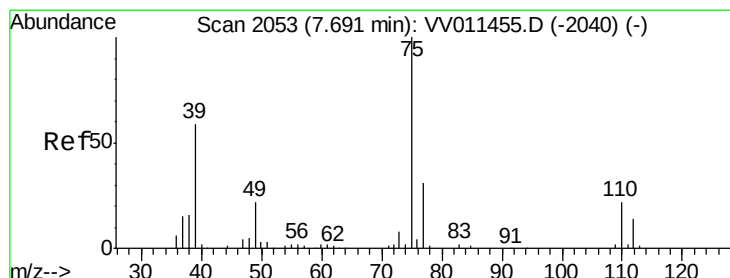
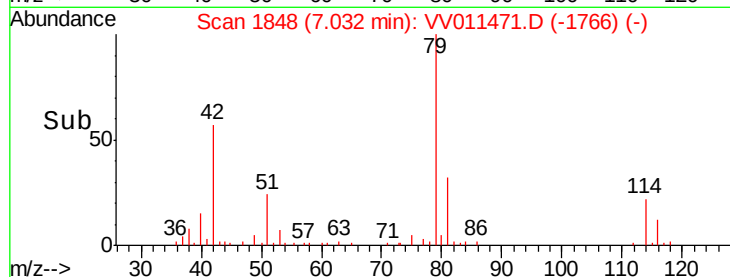
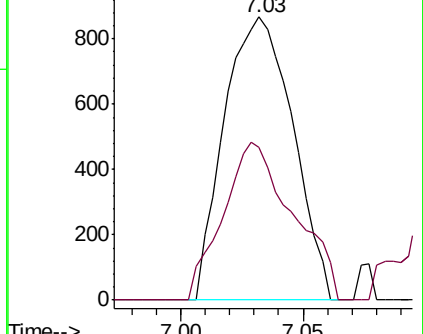
75 100

77 54.1 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011471.D

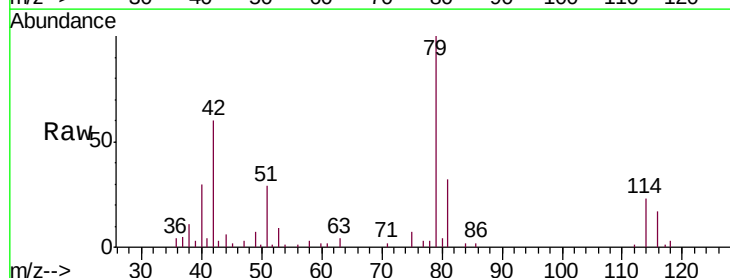
Acq: 13 Jun 2019 20:09

Tgt Ion: 75 Resp: 1135

Ion Ratio Lower Upper

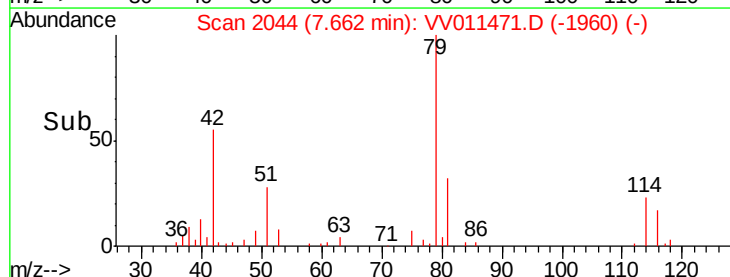
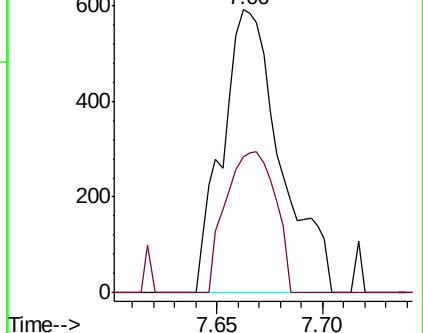
75 100

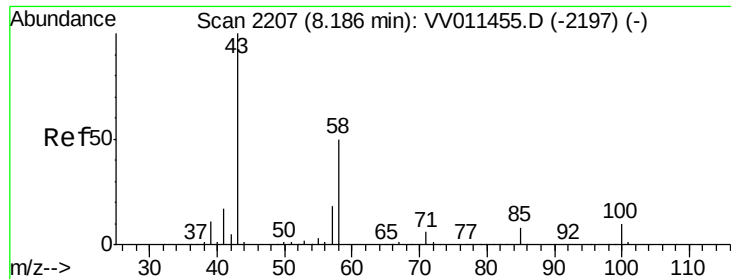
77 48.1 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 3.555 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011471.D
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Tgt Ion:	43	Resp:	14324
Ion	Ratio	Lower	Upper
43	100		
58	28.1	41.4	62.0#
57	26.8	15.0	22.4#
100	0.3	9.0	13.4#

