

Data File : VV011604.D
Acq On : 19 Jun 2019 05:02
Operator : SY/MD
Sample : K3386-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMAO

Quant Time: Jun 19 07:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37982	3.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.60%
7) Chloroethane-d5	1.58	69	34514	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.12	63	81999	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	198694	57.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	4.40	84	106267	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	68025	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	202934	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.12	67	70542	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	159695	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.67	79	17245	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	145121	54.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51745	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	55648	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	8342	0.528 ug/L	99
8) Chloroethane	1.60	64	800	0.106 ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	880	0.090 ug/L #	38
12) 1,1-Dichloroethene	2.13	96	28248	2.779 ug/L #	74
13) Acetone	2.23	43	12417	5.307 ug/L	98
15) Methyl Acetate	2.47	43	21667	3.493 ug/L #	57
19) 1,1-Dichloroethane	3.23	63	2323	0.098 ug/L #	81
22) cis-1,2-Dichloroethene	3.96	96	29916	2.298 ug/L	98
25) Chloroform	4.42	83	7285	0.305 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	13450	0.736 ug/L	98
34) Trichloroethene	5.96	95	41232	3.372 ug/L	98
35) Methylcyclohexane	6.12	83	16683	0.957 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9119	0.715 ug/L #	87
42) Toluene	7.43	91	9003	0.181 ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	1002	0.082 ug/L #	57
48) 2-Hexanone	8.14	43	20984	3.281 ug/L #	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\
Quantitation Report (Not Reviewed)

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QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

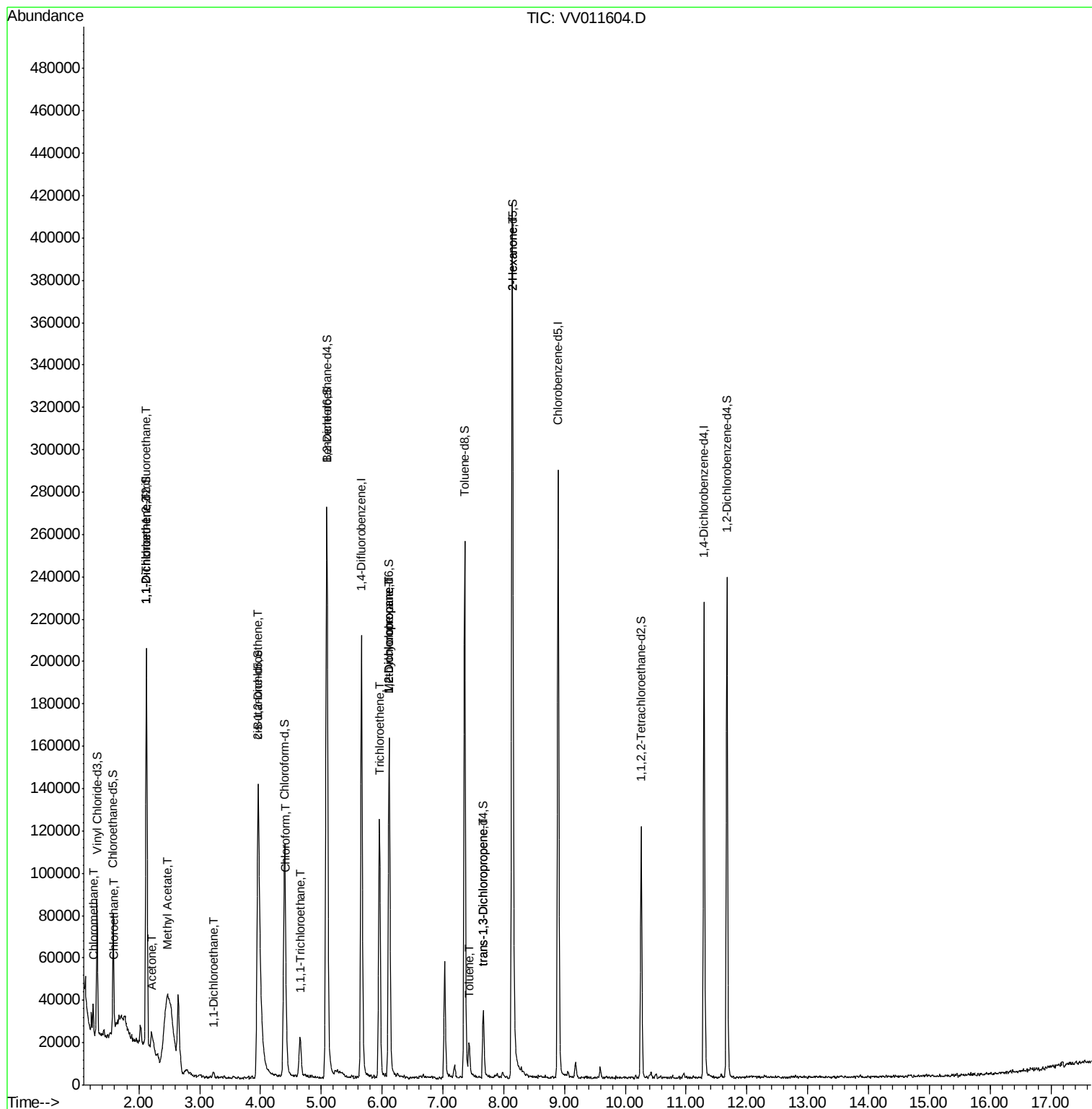
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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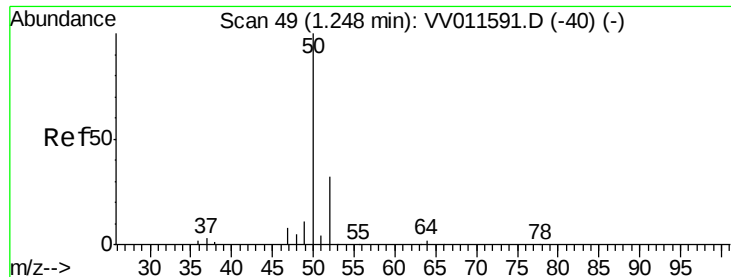
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.528 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampleId :

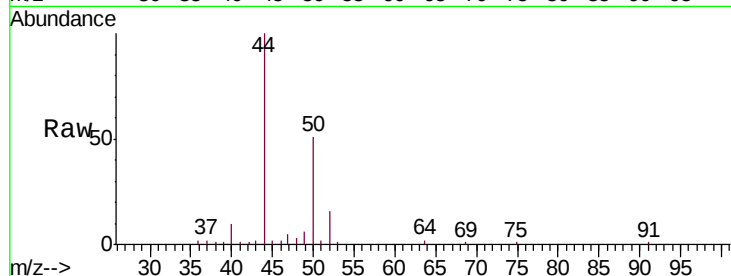
COMAO

Tgt Ion: 50 Resp: 8342

Ion Ratio Lower Upper

50 100

52 31.7 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

10000

8000

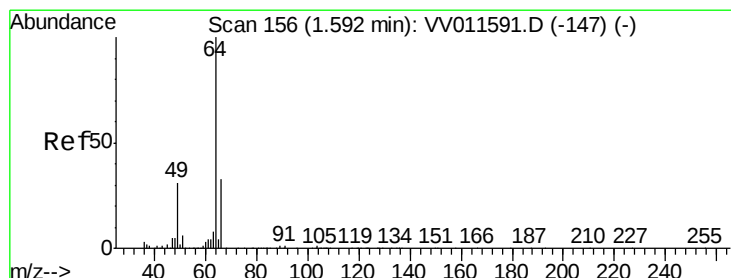
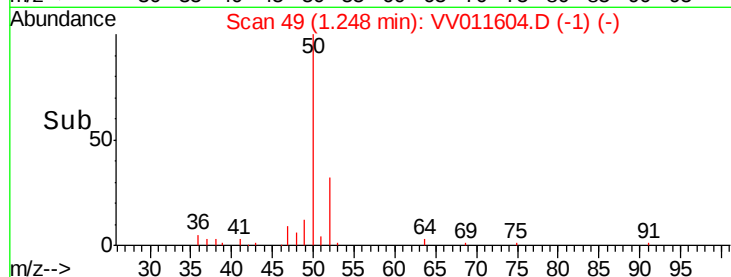
6000

4000

2000

0

Time-->



#8

Chloroethane

Concen: 0.106 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.01 min

Lab File: VV011604.D

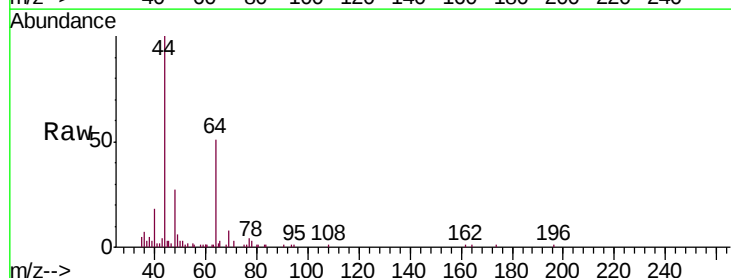
Acq: 19 Jun 2019 05:02

Tgt Ion: 64 Resp: 800

Ion Ratio Lower Upper

64 100

66 6.8 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.60

6000

5000

4000

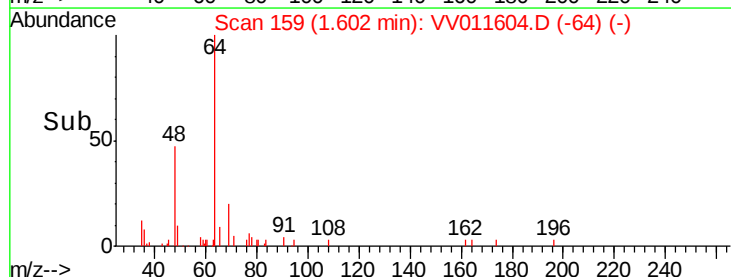
3000

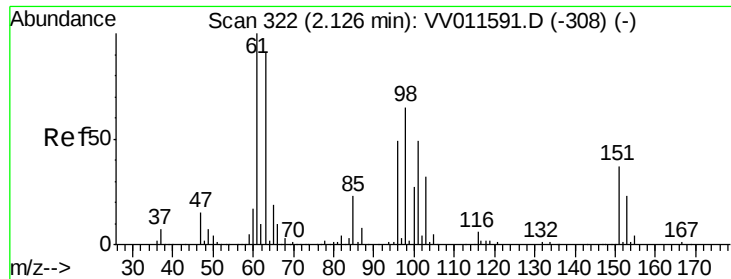
2000

1000

0

Time-->





#10

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

Concen: 0.090 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampleId :

COMAO

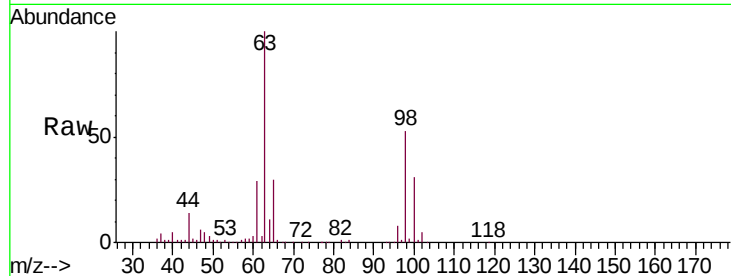
Tgt Ion:101 Resp: 880

Ion Ratio Lower Upper

101 100

85 14.9 37.3 55.9#

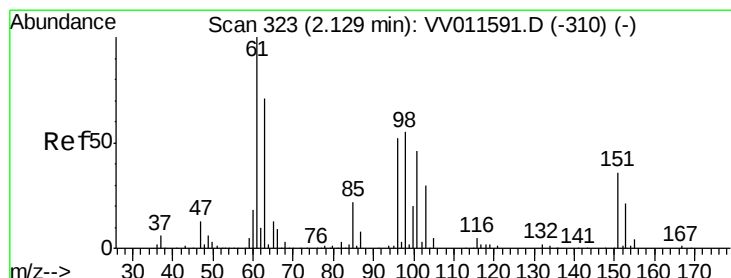
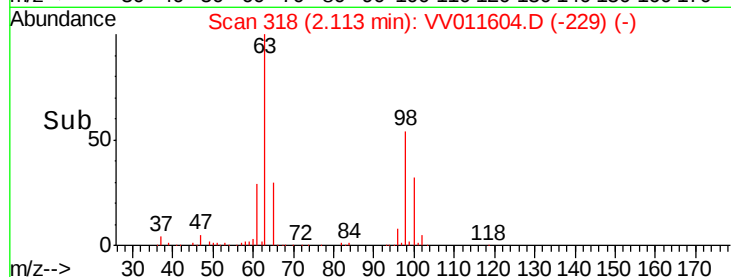
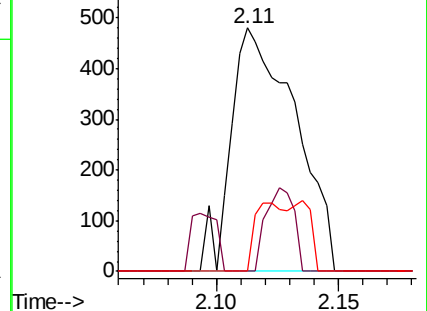
151 13.6 59.4 89.2#



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: 2.779 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

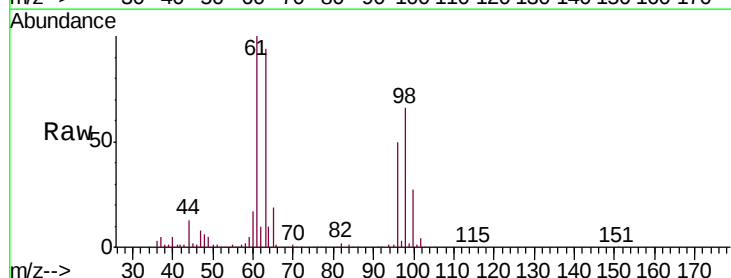
Tgt Ion: 96 Resp: 28248

Ion Ratio Lower Upper

96 100

61 201.7 135.9 252.5

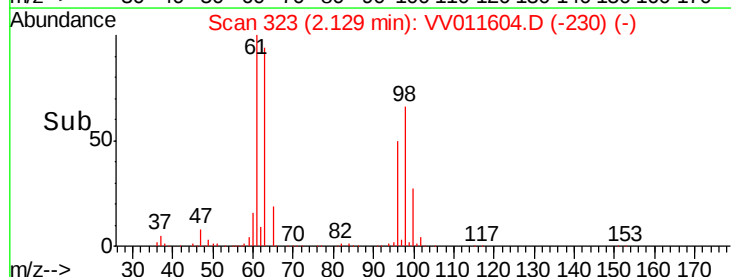
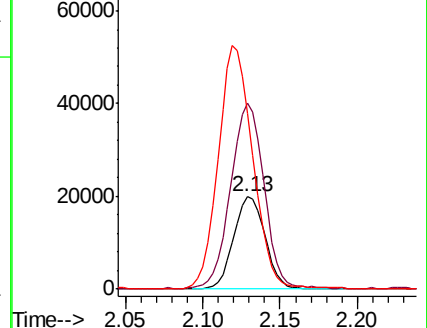
63 190.4 86.2 160.2#

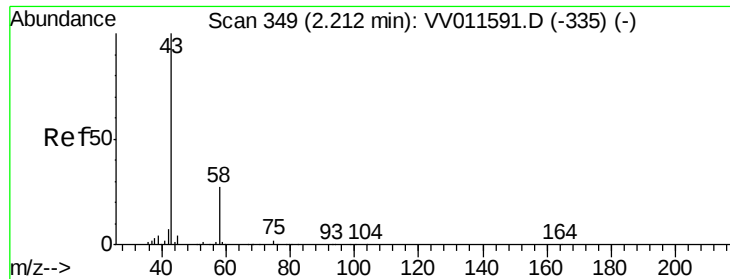


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 5.307 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampleId :

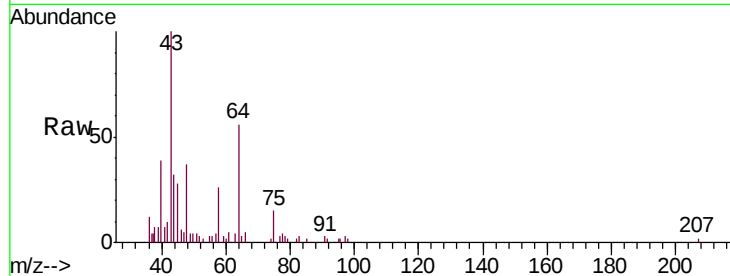
COMAO

Tgt Ion: 43 Resp: 12417

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011591.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV011591.D (-335) (-)

2.23

5000

4000

3000

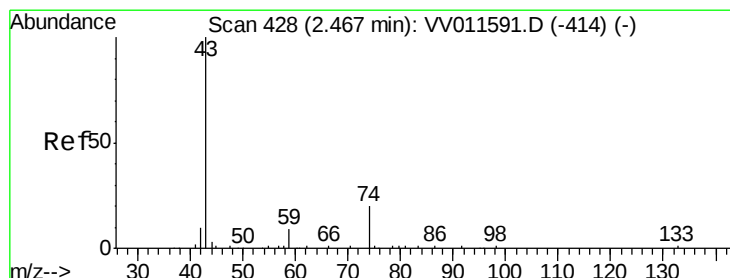
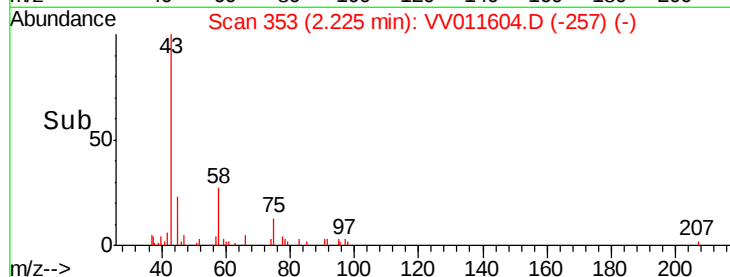
2000

1000

0

2.15 2.20 2.25 2.30

Time-->



#15

Methyl Acetate

Concen: 3.493 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VV011604.D

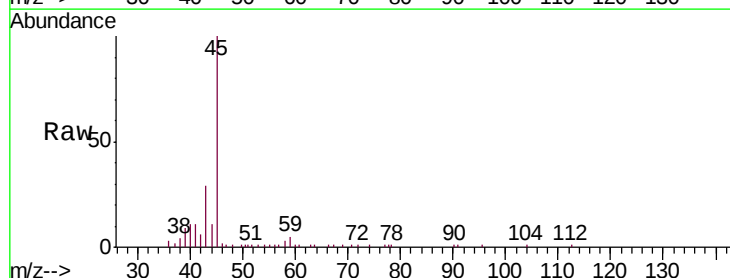
Acq: 19 Jun 2019 05:02

Tgt Ion: 43 Resp: 21667

Ion Ratio Lower Upper

43 100

74 0.4 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011591.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV011591.D (-414) (-)

2.47

6000

5000

4000

3000

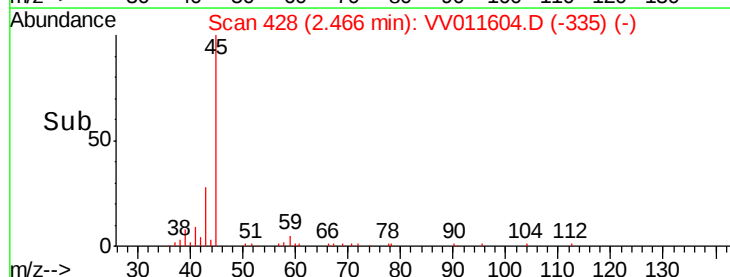
2000

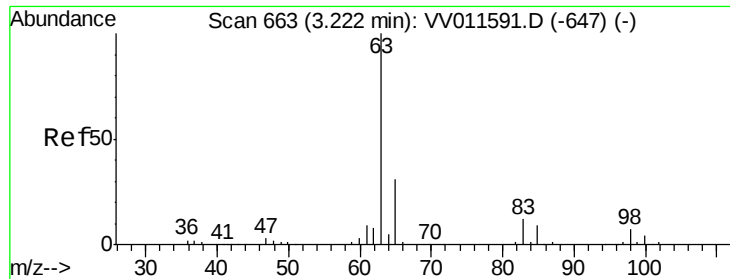
1000

0

2.30 2.40 2.50

Time-->

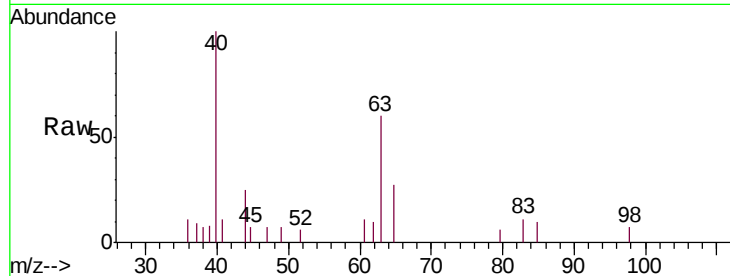




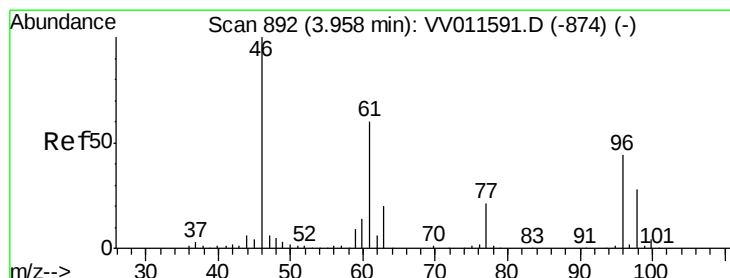
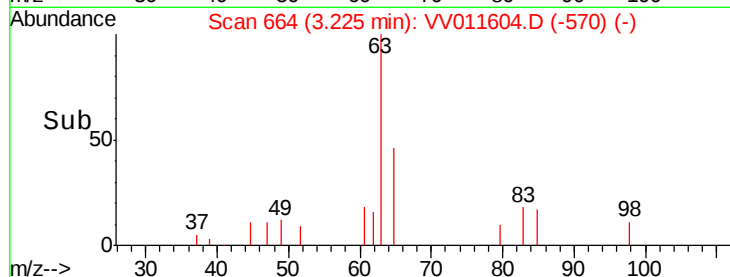
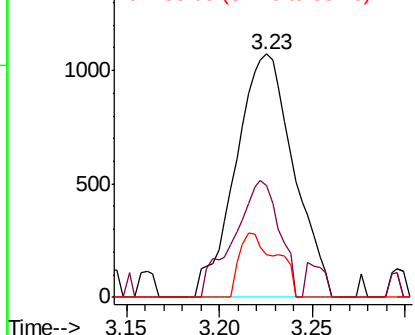
#19
 1,1-Dichloroethane
 Concen: 0.098 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV011604.D
 Acq: 19 Jun 2019 05:02

Instrument :
 MSVOA_V
 ClientSampleId :
 COMAO

Tgt Ion: 63 Resp: 2323
 Ion Ratio Lower Upper
 63 100
 65 45.7 22.5 41.9#
 83 17.5 10.1 18.9

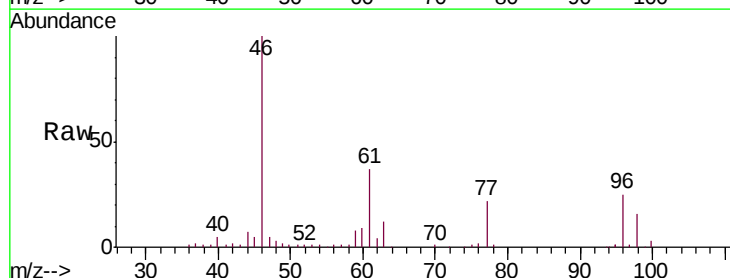


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

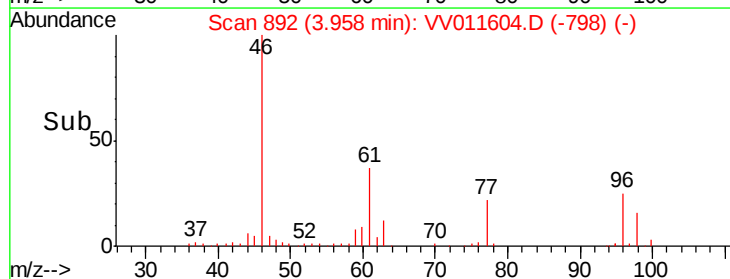
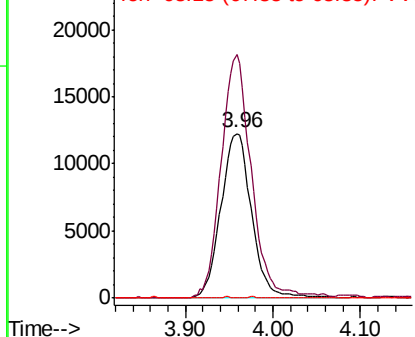


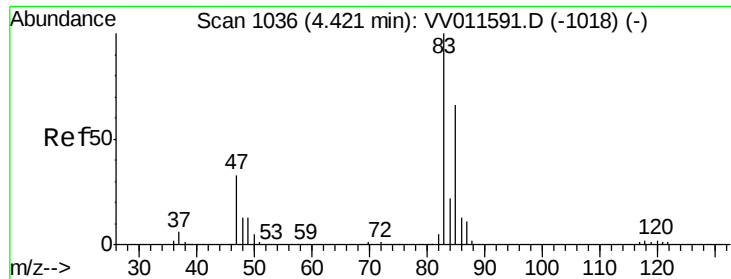
#22
 cis-1,2-Dichloroethene
 Concen: 2.298 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011604.D
 Acq: 19 Jun 2019 05:02

Tgt Ion: 96 Resp: 29916
 Ion Ratio Lower Upper
 96 100
 61 148.3 102.2 189.8
 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

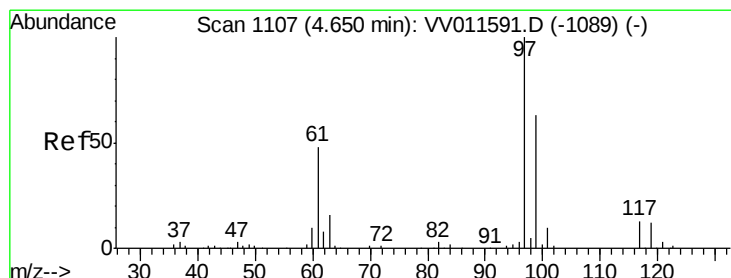
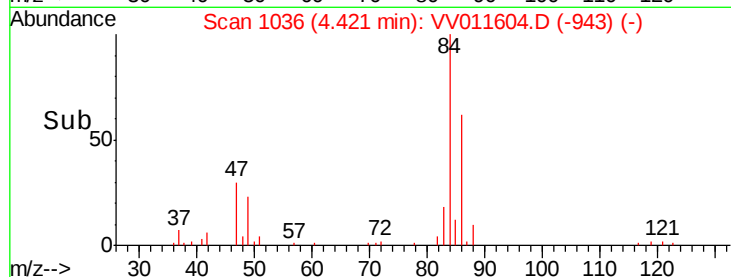
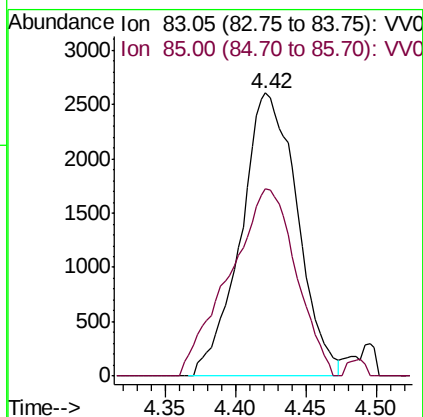
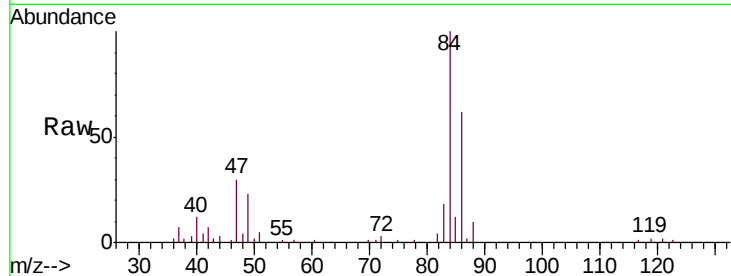




#25
Chloroform
Concen: 0.305 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

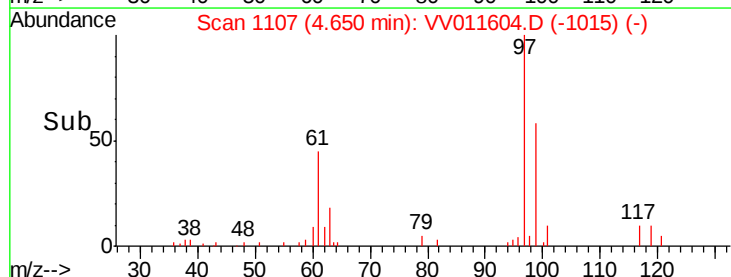
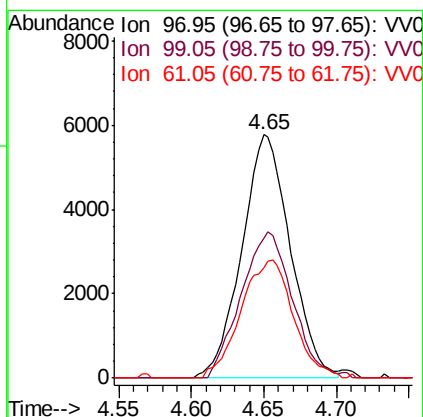
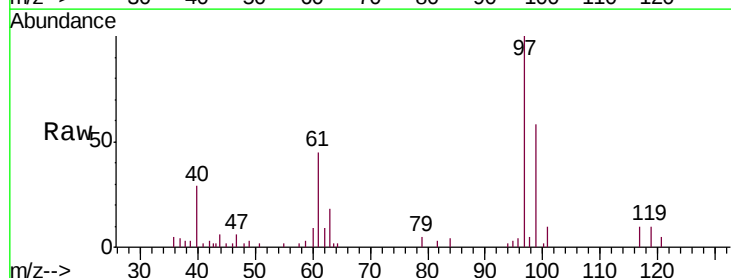
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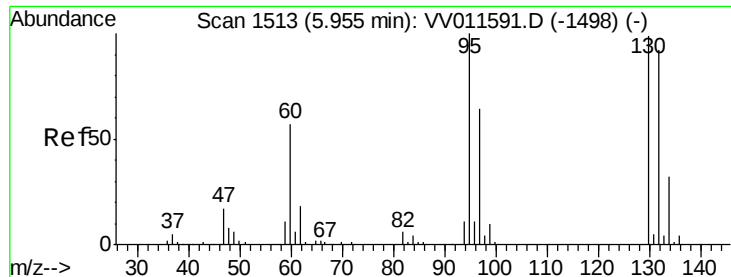
Tgt Ion: 83 Resp: 7285
Ion Ratio Lower Upper
83 100
85 66.3 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.736 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 97 Resp: 13450
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 52.3 40.4 60.6

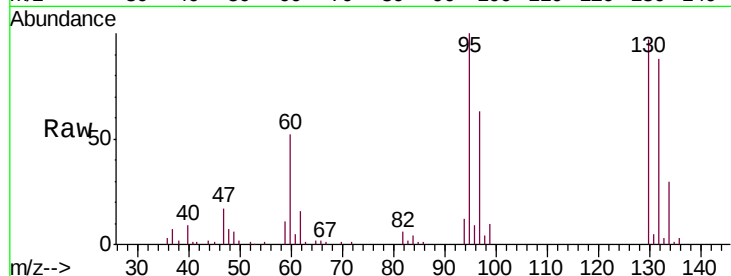




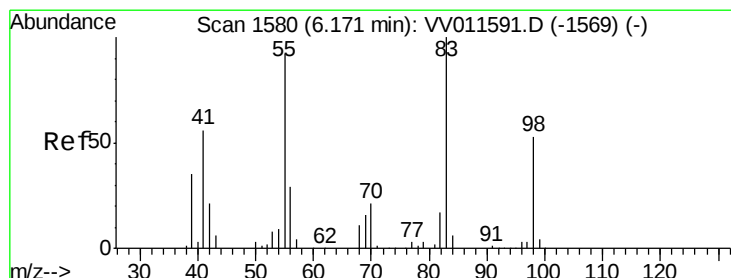
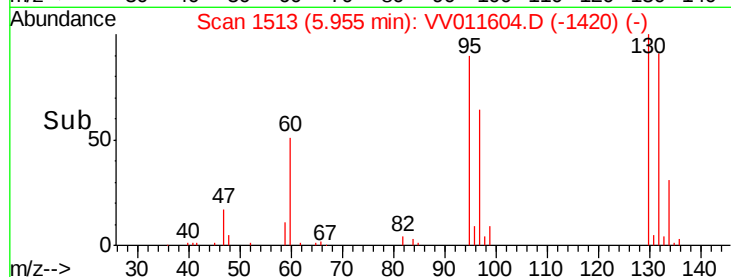
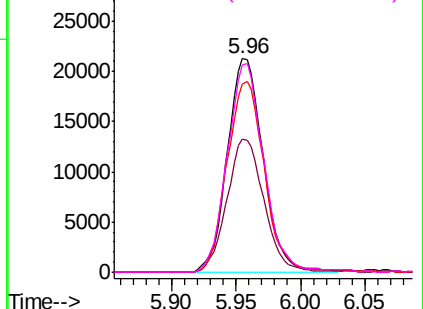
#34
 Trichloroethene
 Concen: 3.372 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV011604.D
 Acq: 19 Jun 2019 05:02

Instrument :
 MSVOA_V
 ClientSampleId :
 COMA0

Tgt Ion: 95 Resp: 41232
 Ion Ratio Lower Upper
 95 100
 97 62.6 44.4 82.4
 132 88.2 63.5 117.9
 130 97.2 68.5 127.3

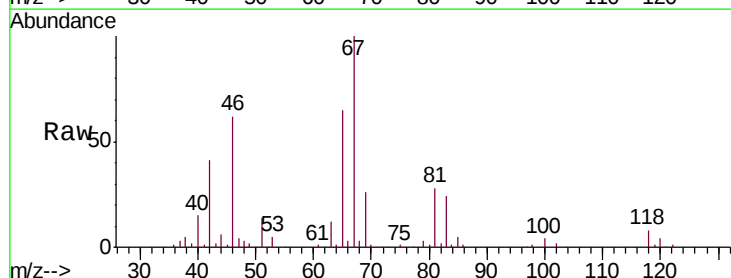


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

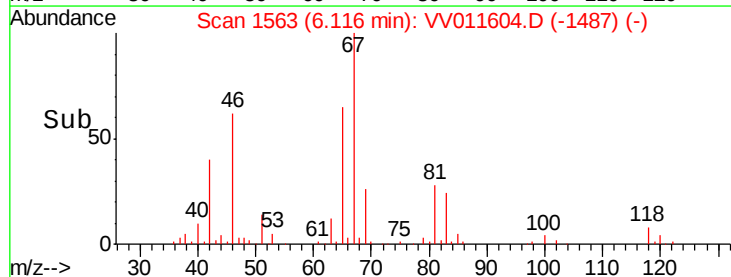
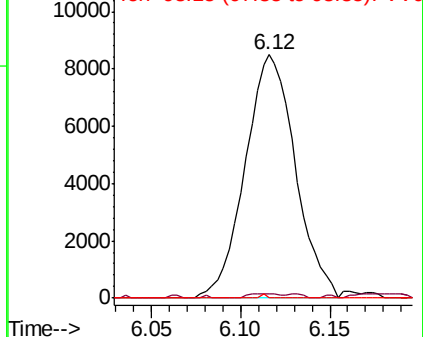


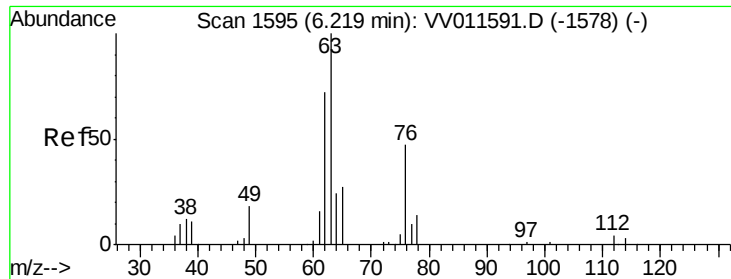
#35
 Methylcyclohexane
 Concen: 0.957 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV011604.D
 Acq: 19 Jun 2019 05:02

Tgt Ion: 83 Resp: 16683
 Ion Ratio Lower Upper
 83 100
 55 1.1 67.9 101.9#
 98 0.0 39.6 59.4#



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

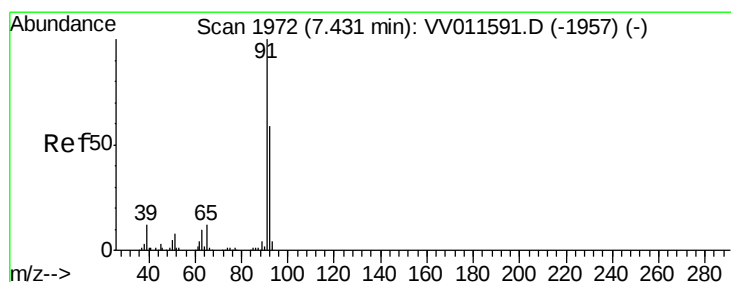
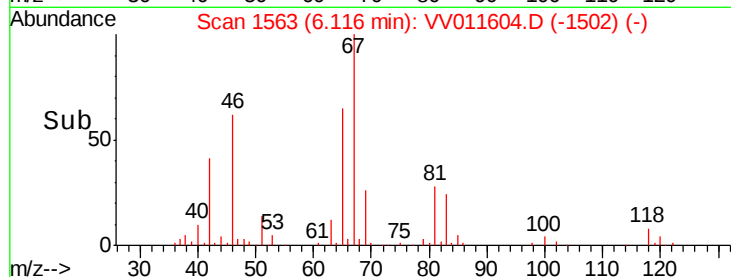
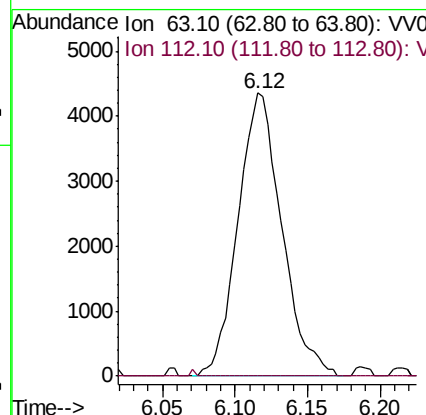
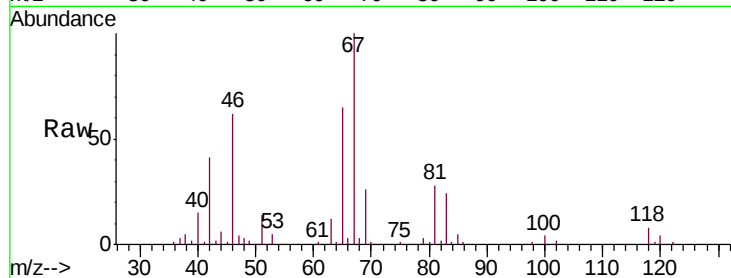




#37
 1,2-Dichloropropane
 Concen: 0.715 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011604.D
 Acq: 19 Jun 2019 05:02

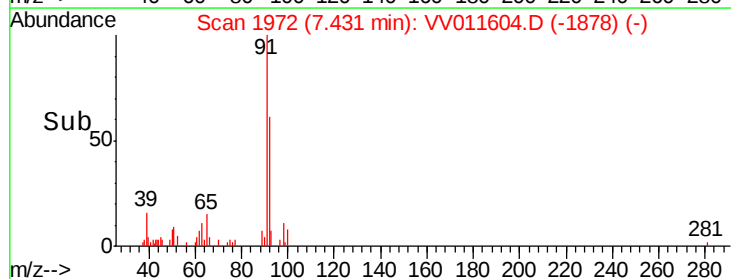
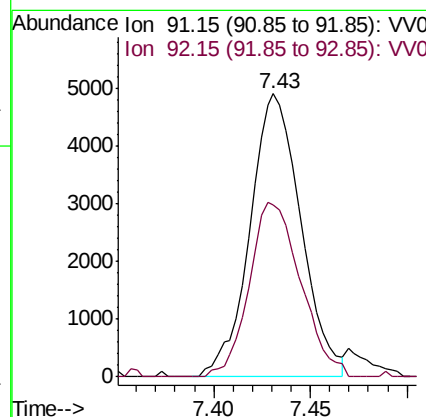
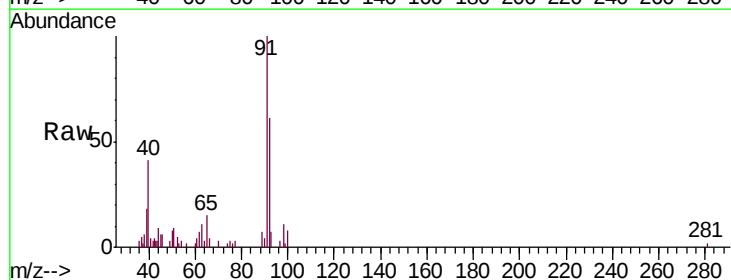
Instrument :
 MSVOA_V
 ClientSampleId :
 COMA0

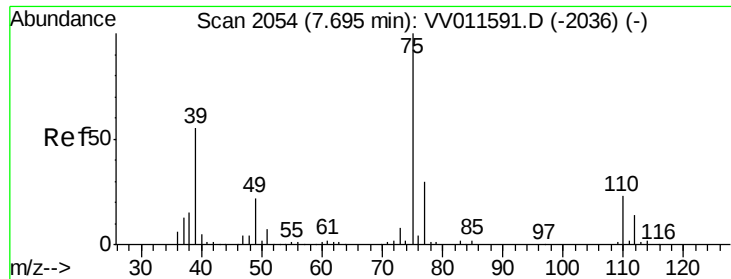
Tgt Ion: 63 Resp: 9119
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#42
 Toluene
 Concen: 0.181 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011604.D
 Acq: 19 Jun 2019 05:02

Tgt Ion: 91 Resp: 9003
 Ion Ratio Lower Upper
 91 100
 92 60.7 40.5 75.1





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Instrument :

MSVOA_V

ClientSampleId :

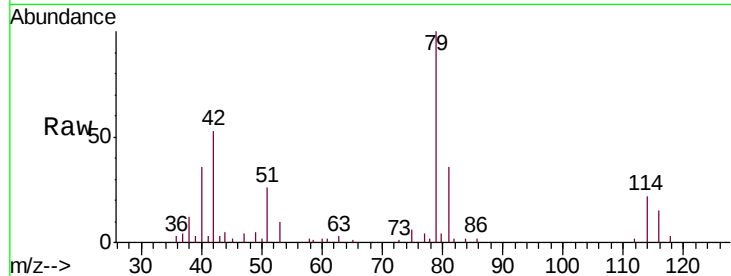
COMAO

Tgt Ion: 75 Resp: 1002

Ion Ratio Lower Upper

75 100

77 56.8 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

600

400

200

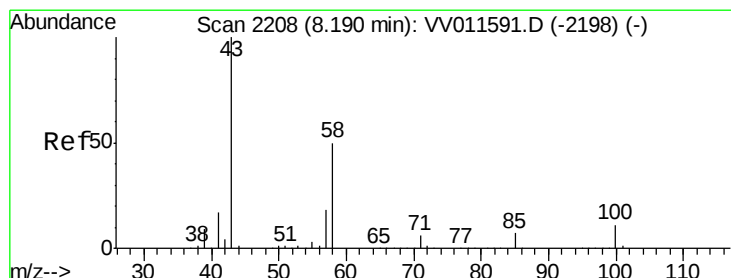
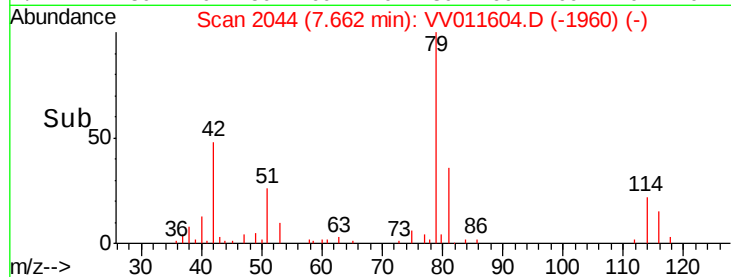
0

7.66

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 3.281 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011604.D

Acq: 19 Jun 2019 05:02

Tgt Ion: 43 Resp: 20984

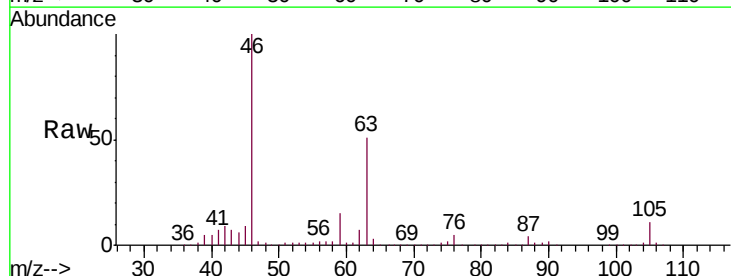
Ion Ratio Lower Upper

43 100

58 32.6 40.6 60.8#

57 26.3 14.2 21.4#

100 1.0 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

15000

10000

5000

0

8.14

8.10

8.20

Time-->

