

Data File : VV011507.D
Acq On : 14 Jun 2019 23:04
Operator : SY/MD
Sample : K3314-06RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM21

Quant Time: Jun 15 01:33:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 01:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183285	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54828	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	40418	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	81785	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.96	46	181243	46.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.40	84	111171	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	66298	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.09	84	218611	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	69047	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	183747	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	19937	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	143139	47.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50942	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	61527	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

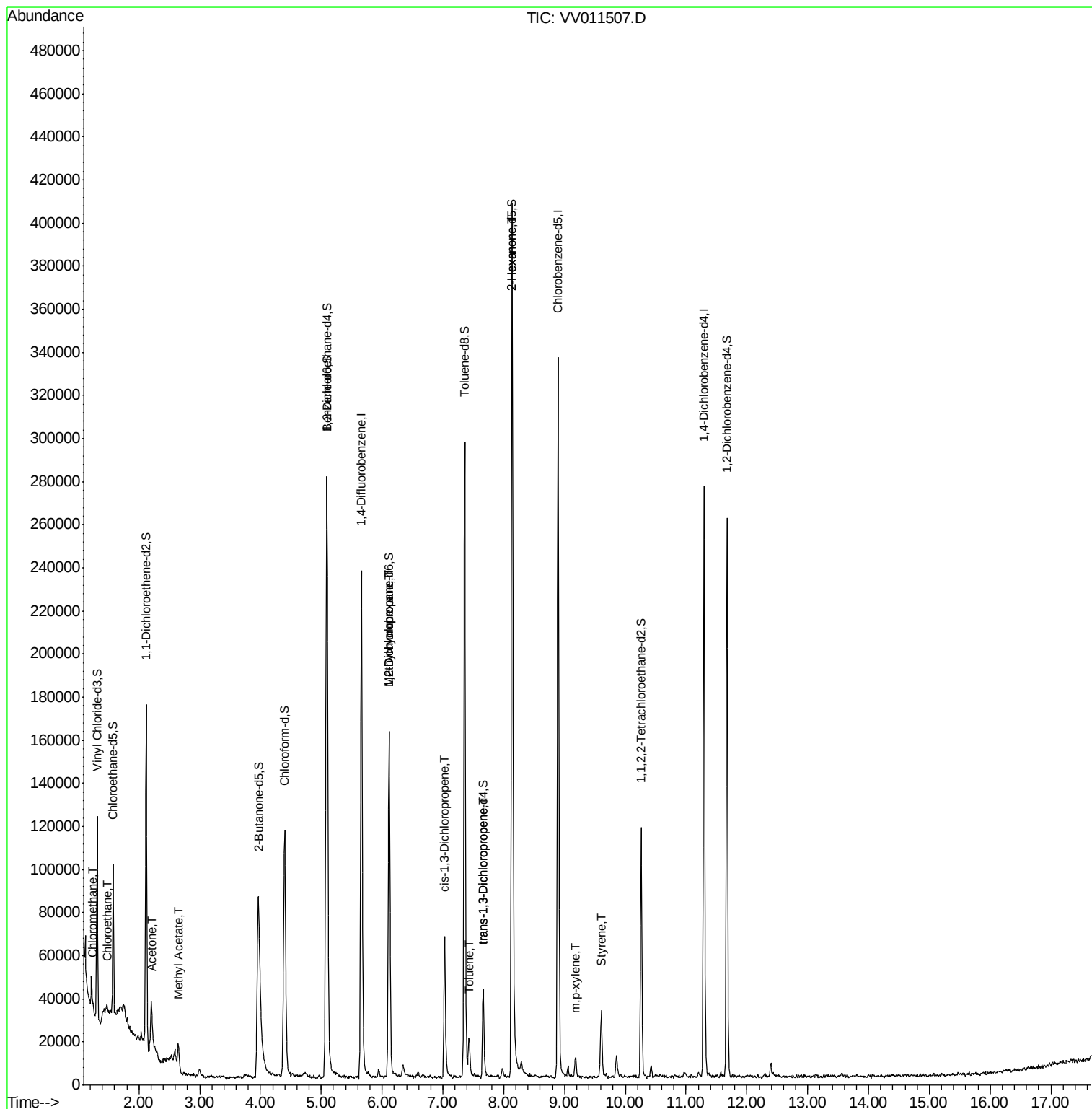
					Qvalue
3) Chloromethane	1.25	50	2335	0.132 ug/L	98
8) Chloroethane	1.49	64	38278	4.519 ug/L #	54
13) Acetone	2.23	43	11438	4.359 ug/L	88
15) Methyl Acetate	2.65	43	1168	0.168 ug/L #	61
35) Methylcyclohexane	6.12	83	17455	0.888 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9046	0.629 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1839	0.102 ug/L #	62
42) Toluene	7.43	91	11535	0.206 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	1316	0.095 ug/L	91
48) 2-Hexanone	8.14	43	20054	2.780 ug/L #	70
53) m,p-xylene	9.18	106	2516	0.117 ug/L	93
55) Styrene	9.60	104	14133	0.394 ug/L	100

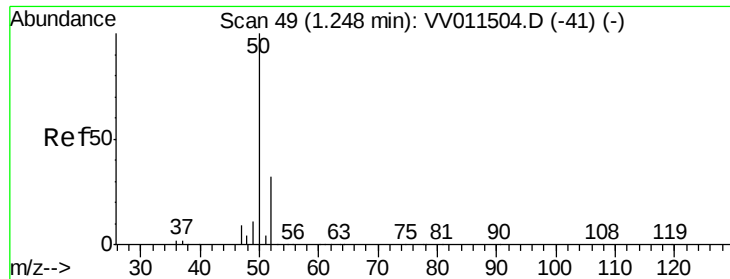
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011507.D

Acq: 14 Jun 2019 23:04

Instrument :

MSVOA_V

ClientSampleId :

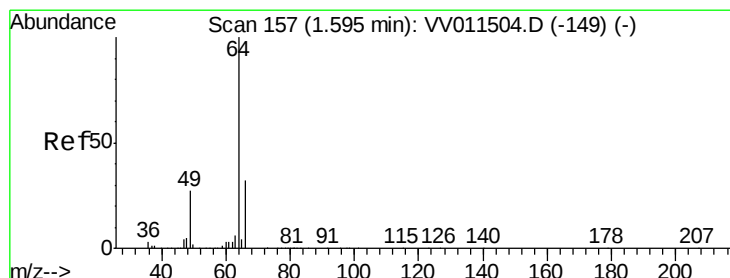
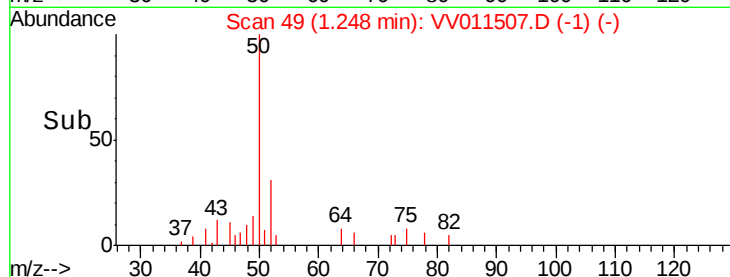
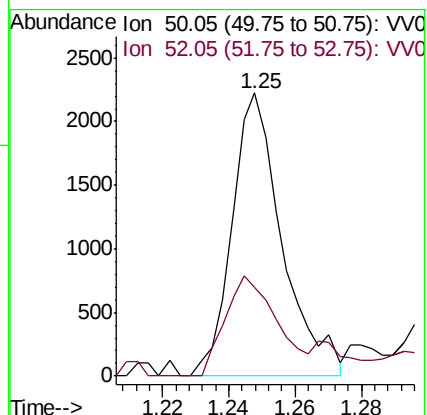
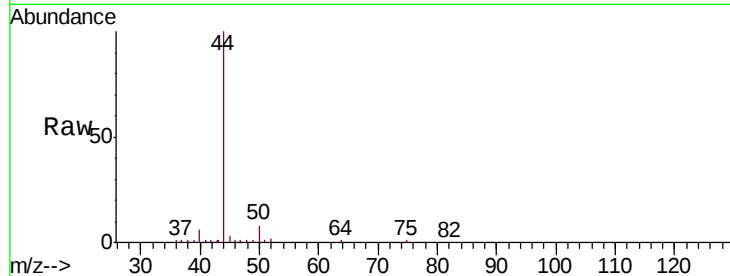
COM21

Tgt Ion: 50 Resp: 2335

Ion Ratio Lower Upper

50 100

52 31.2 22.7 42.1



#8

Chloroethane

Concen: 4.519 ug/L

RT: 1.49 min Scan# 124

Delta R.T. -0.11 min

Lab File: VV011507.D

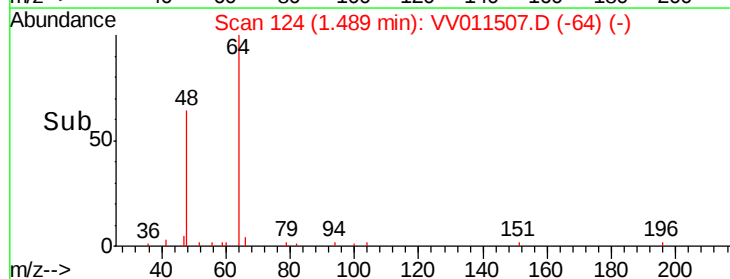
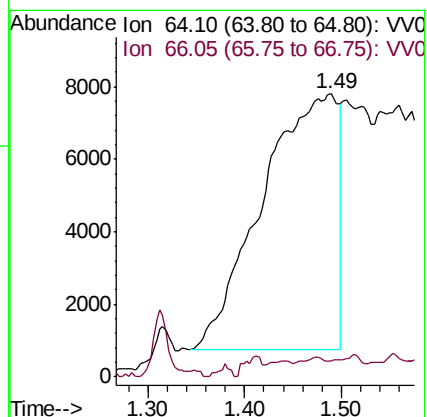
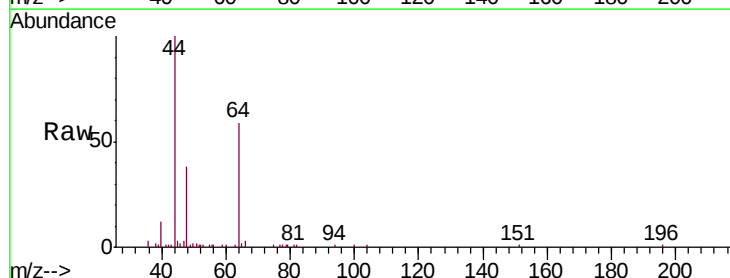
Acq: 14 Jun 2019 23:04

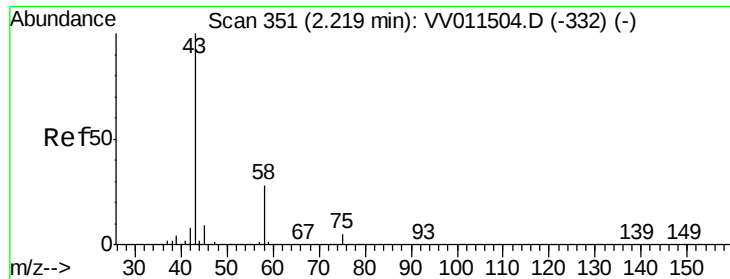
Tgt Ion: 64 Resp: 38278

Ion Ratio Lower Upper

64 100

66 5.5 21.6 40.2#





#13

Acetone

Concen: 4.359 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV011507.D

Acq: 14 Jun 2019 23:04

Instrument :

MSVOA_V

ClientSampled :

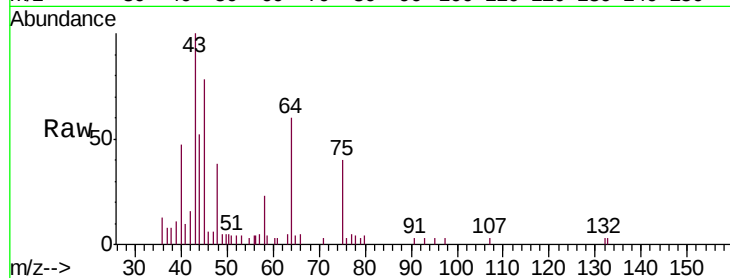
COM21

Tgt Ion: 43 Resp: 11438

Ion Ratio Lower Upper

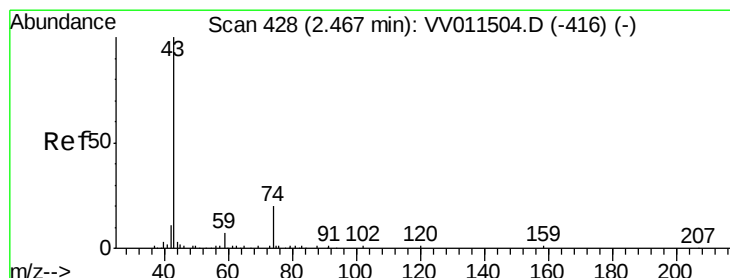
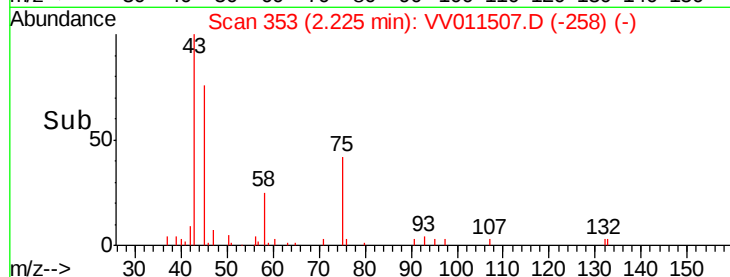
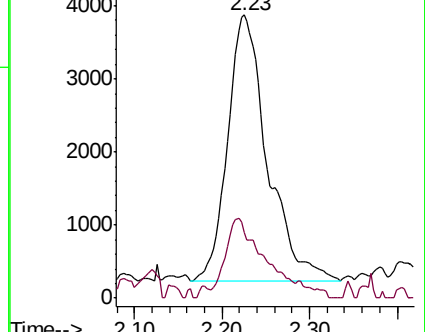
43 100

58 22.7 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011507.D (-353) (-)

Ion 58.05 (57.75 to 58.75): VV011507.D (-353) (-)



#15

Methyl Acetate

Concen: 0.168 ug/L

RT: 2.65 min Scan# 486

Delta R.T. 0.19 min

Lab File: VV011507.D

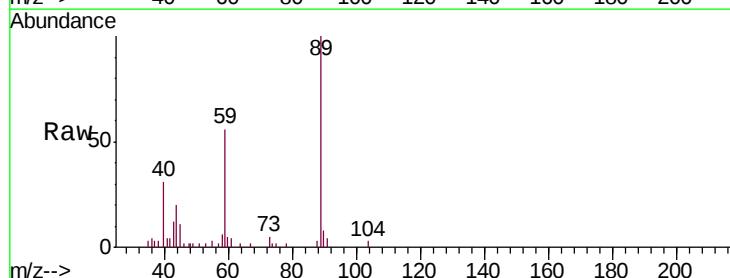
Acq: 14 Jun 2019 23:04

Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

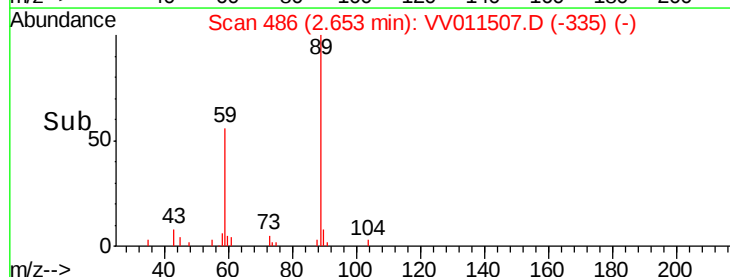
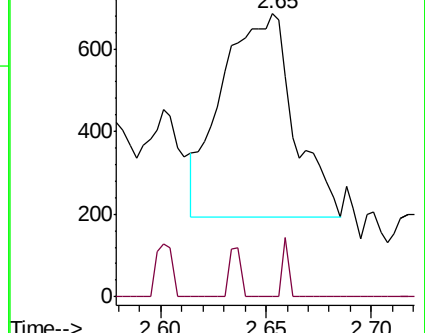
43 100

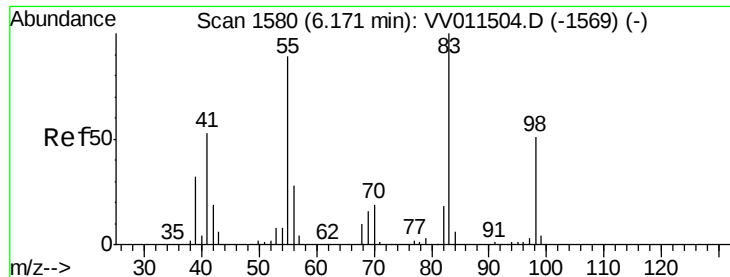
74 2.3 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011507.D (-486) (-)

Ion 74.05 (73.75 to 74.75): VV011507.D (-486) (-)

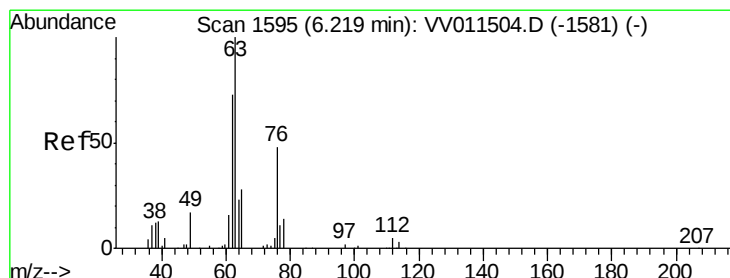
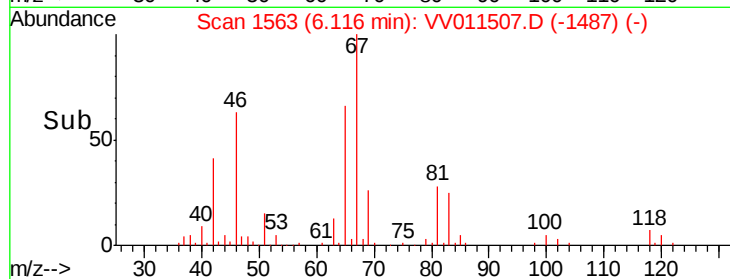
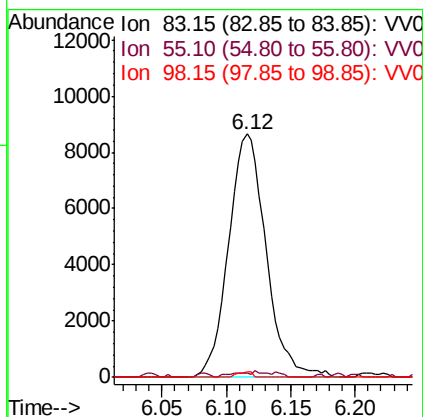
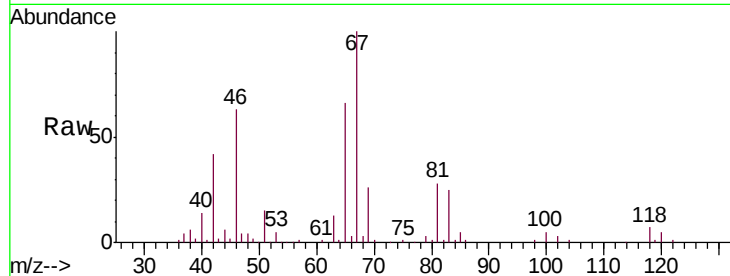




#35
Methylcyclohexane
Concen: 0.888 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011507.D
Acq: 14 Jun 2019 23:04

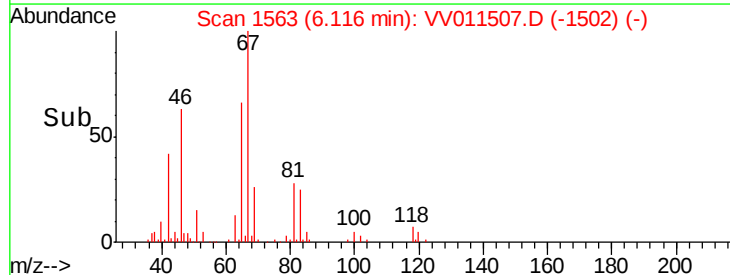
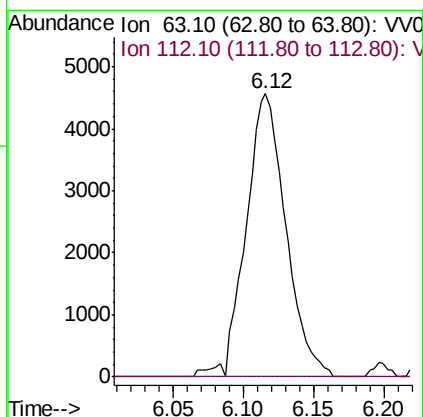
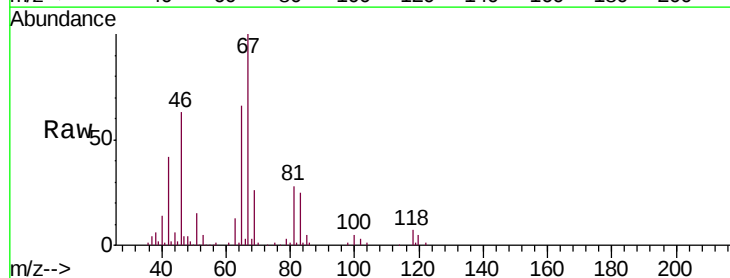
Instrument :
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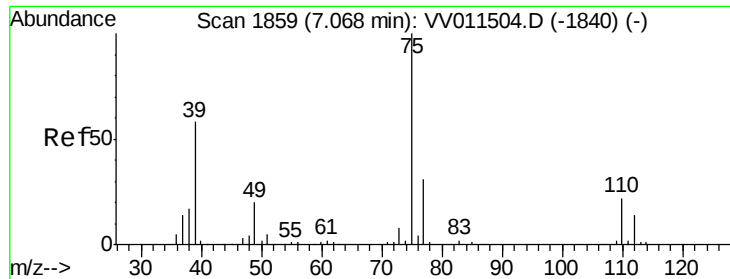
Tgt Ion: 83 Resp: 17455
Ion Ratio Lower Upper
83 100
55 2.1 67.9 101.9#
98 0.9 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011507.D
Acq: 14 Jun 2019 23:04

Tgt Ion: 63 Resp: 9046
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011507.D

Acq: 14 Jun 2019 23:04

Instrument :

MSVOA_V

ClientSampled :

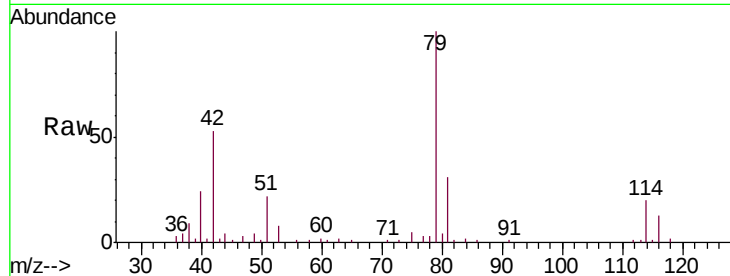
COM21

Tgt Ion: 75 Resp: 1839

Ion Ratio Lower Upper

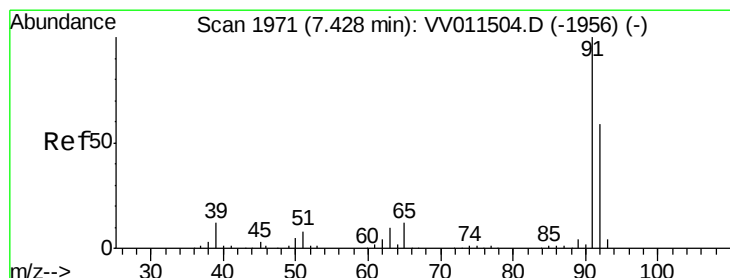
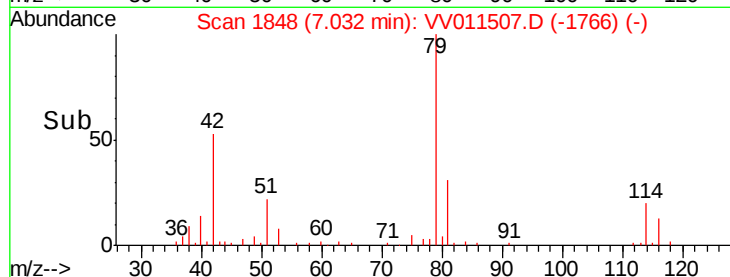
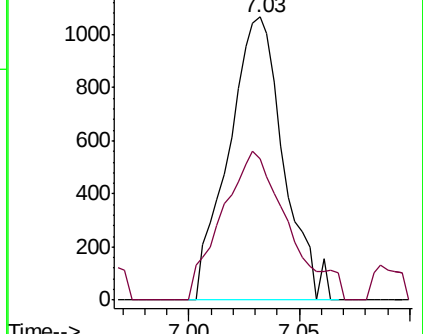
75 100

77 49.9 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.206 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011507.D

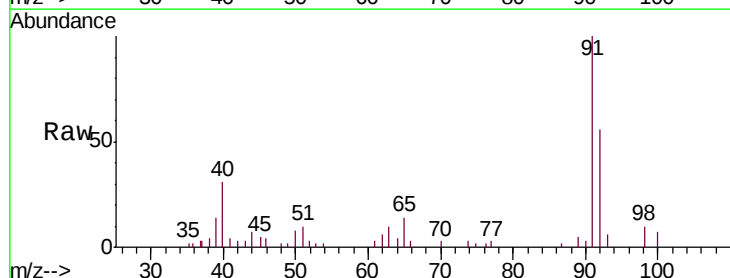
Acq: 14 Jun 2019 23:04

Tgt Ion: 91 Resp: 11535

Ion Ratio Lower Upper

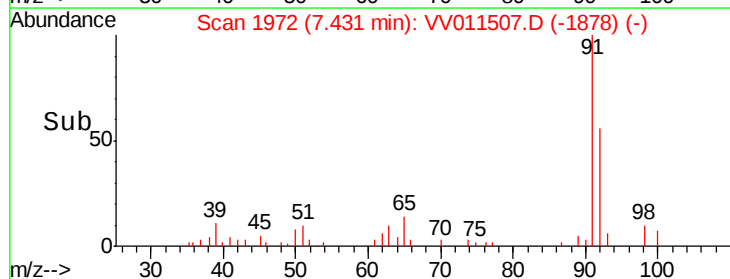
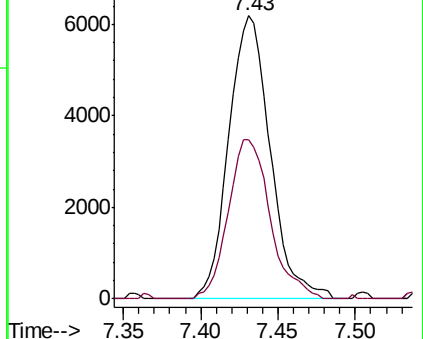
91 100

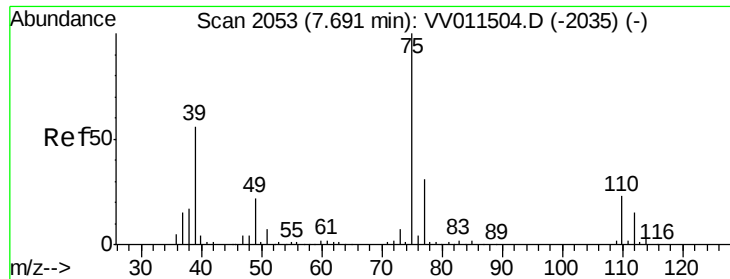
92 56.4 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011507.D

Acq: 14 Jun 2019 23:04

Instrument :

MSVOA_V

ClientSampleId :

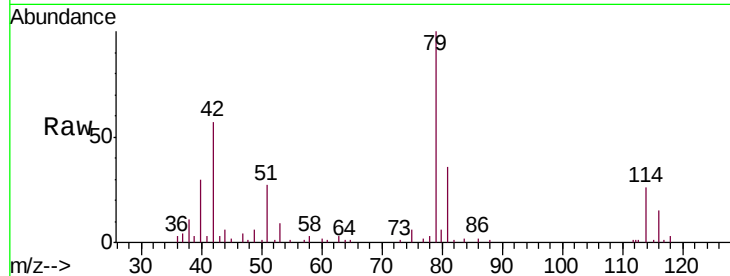
COM21

Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

77 37.7 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

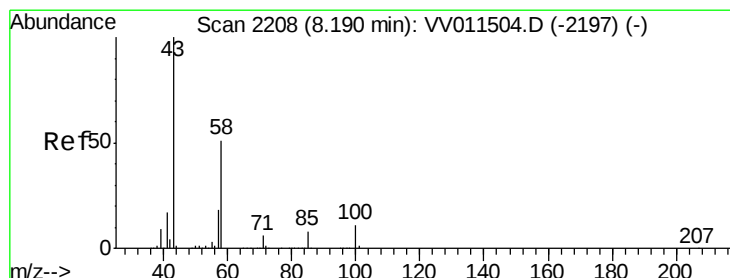
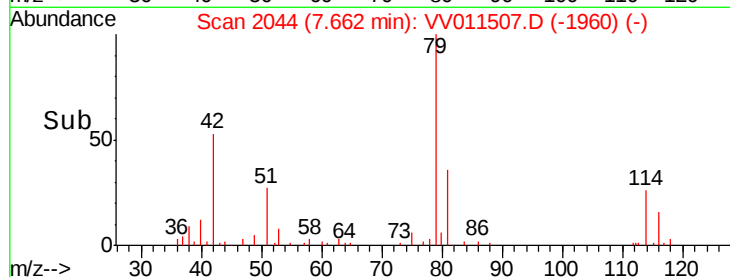
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.780 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011507.D

Acq: 14 Jun 2019 23:04

Tgt Ion: 43 Resp: 20054

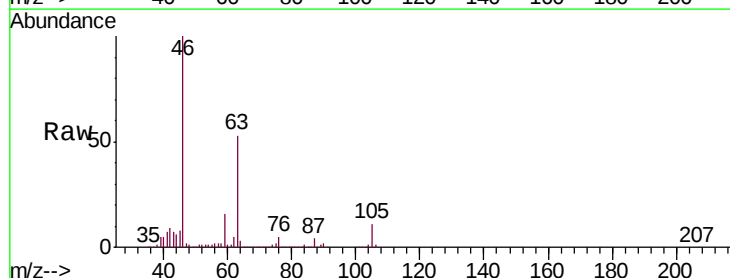
Ion Ratio Lower Upper

43 100

58 26.3 40.6 60.8#

57 26.4 14.2 21.4#

100 0.6 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

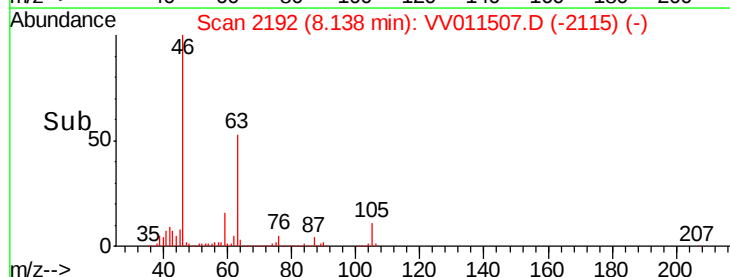
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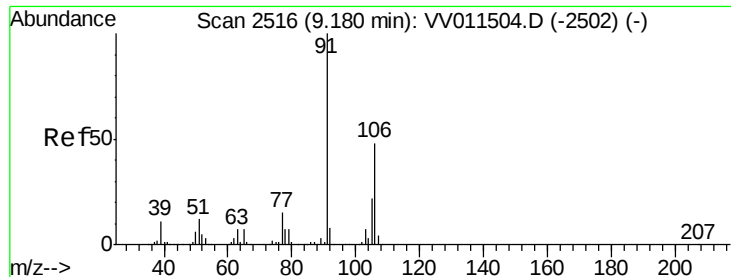
10000

5000

0

Time-->





#53

m,p-xylene

Concen: 0.117 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011507.D

Acq: 14 Jun 2019 23:04

Instrument :

MSVOA_V

ClientSampled :

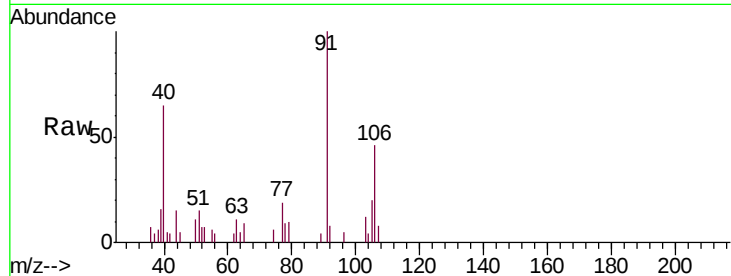
COM21

Tgt Ion:106 Resp: 2516

Ion Ratio Lower Upper

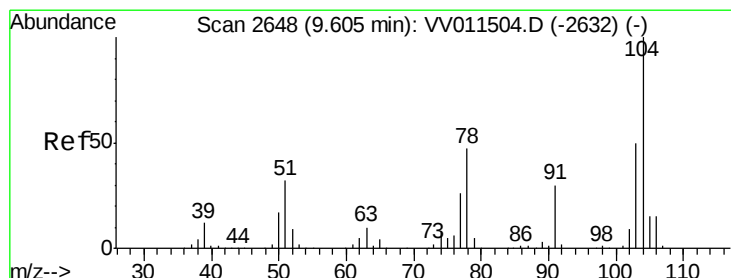
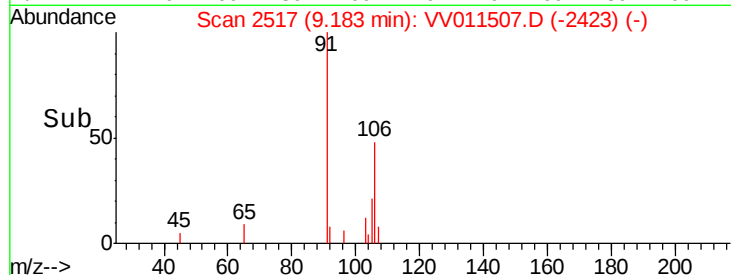
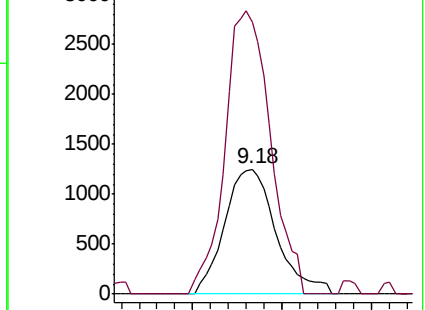
106 100

91 218.2 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 0.394 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. -0.00 min

Lab File: VV011507.D

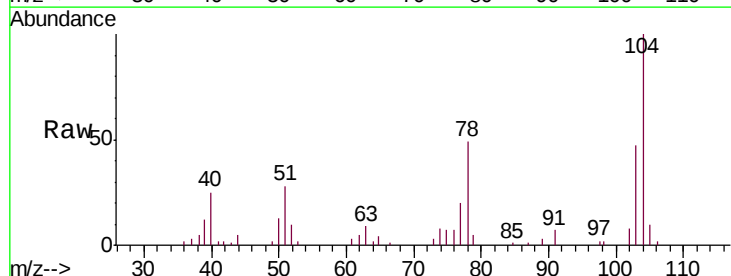
Acq: 14 Jun 2019 23:04

Tgt Ion:104 Resp: 14133

Ion Ratio Lower Upper

104 100

78 48.7 34.0 63.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

