

Data File : VV011530.D
Acq On : 15 Jun 2019 10:51
Operator : SY/MD
Sample : K3386-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MA4

Quant Time: Jun 17 04:35:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	189967	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69625	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	58252	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	48215	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.12	63	88740	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.97	46	181928	45.08	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.40	84	116866	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.08	65	69550	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.09	84	233927	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	74041	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	200706	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	20401	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.14	63	140226	44.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50181	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	65549	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

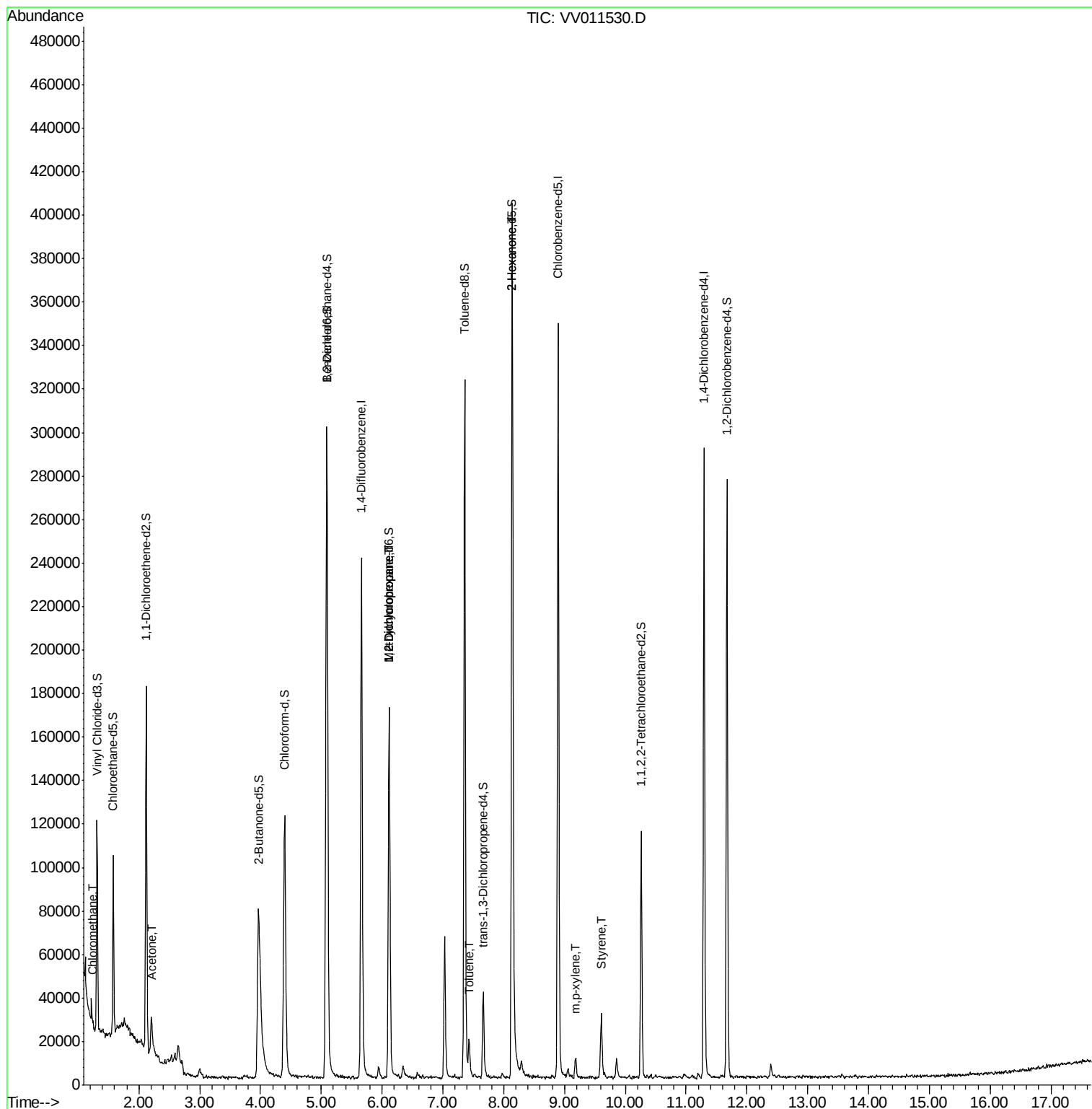
						Qvalue
3) Chloromethane	1.25	50	1854	0.101	ug/L	93
13) Acetone	2.23	43	12542	4.611	ug/L	84
35) Methylcyclohexane	6.12	83	18780	0.917	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9664	0.645	ug/L #	86
42) Toluene	7.43	91	10223	0.175	ug/L	96
48) 2-Hexanone	8.14	43	19570	2.605	ug/L #	74
53) m,p-xylene	9.18	106	2318	0.103	ug/L	77
55) Styrene	9.60	104	13407	0.359	ug/L	100

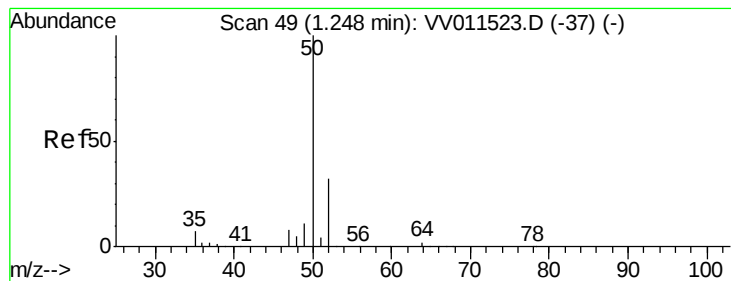
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.101 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 15 Jun 2019 10:51

Instrument :

MSVOA_V

ClientSampleId :

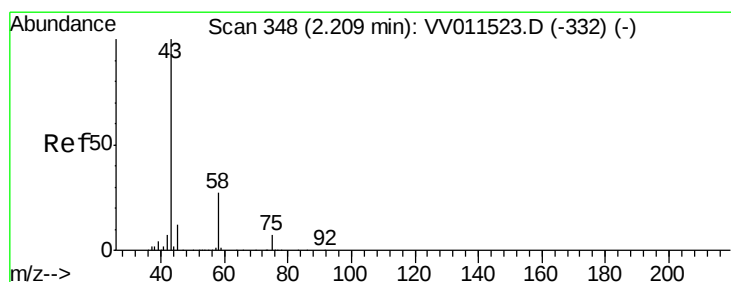
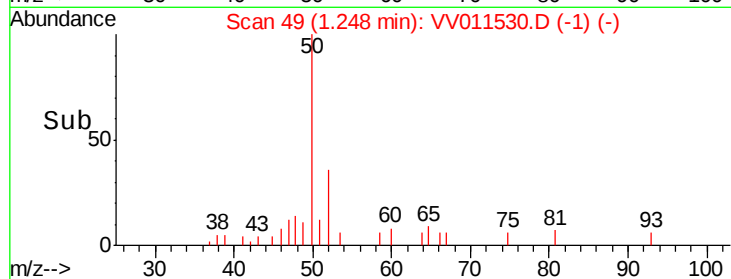
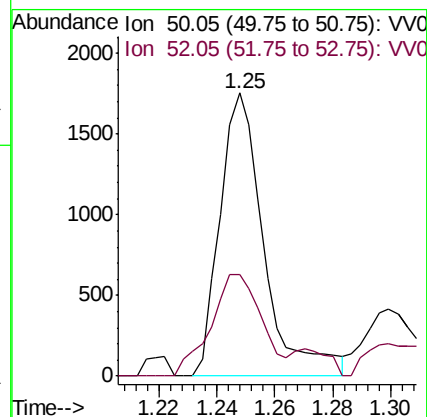
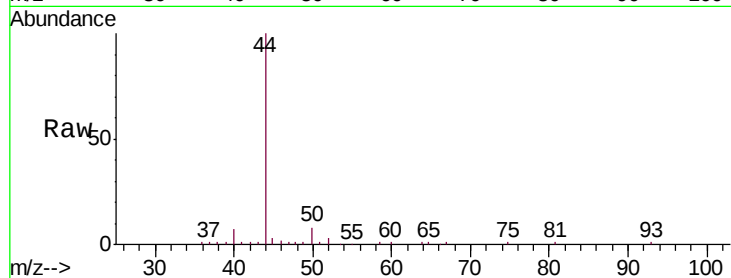
C0MA4

Tgt Ion: 50 Resp: 1854

Ion Ratio Lower Upper

50 100

52 36.1 22.7 42.1



#13

Acetone

Concen: 4.611 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

Lab File: VV011530.D

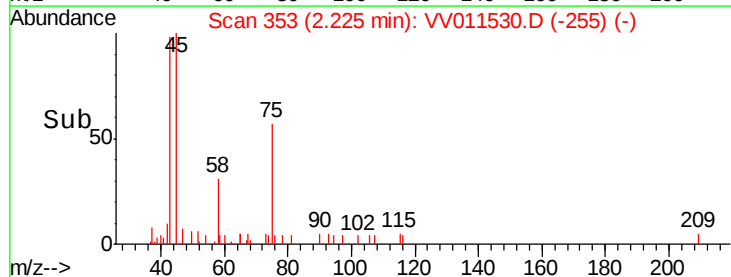
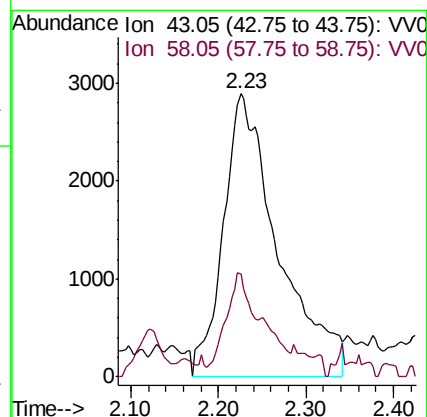
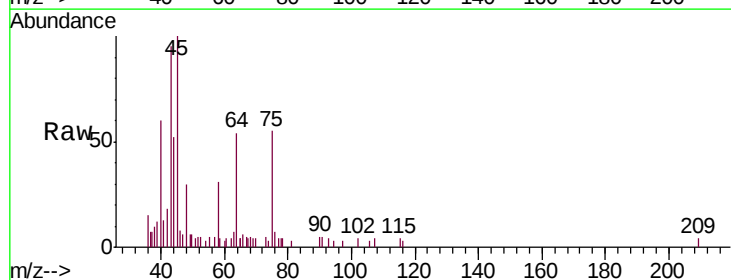
Acq: 15 Jun 2019 10:51

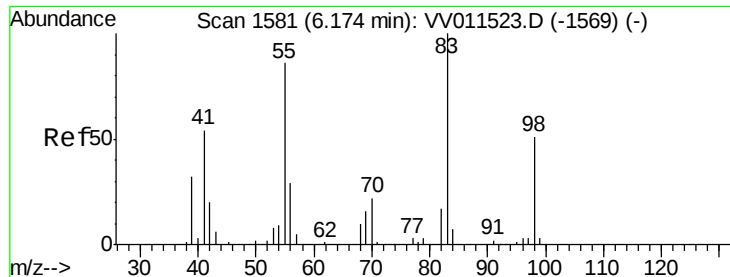
Tgt Ion: 43 Resp: 12542

Ion Ratio Lower Upper

43 100

58 20.4 0.0 57.8





#35

Methylcyclohexane

Concen: 0.917 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011530.D

Acq: 15 Jun 2019 10:51

Instrument :

MSVOA_V

ClientSampled :

COMA4

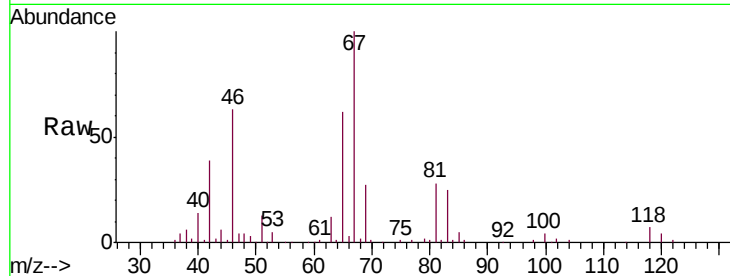
Tgt Ion: 83 Resp: 18780

Ion Ratio Lower Upper

83 100

55 0.2 67.9 101.9#

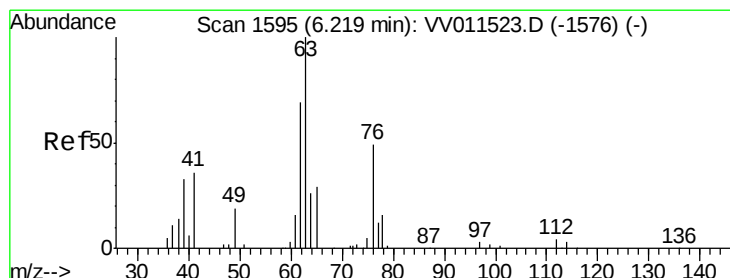
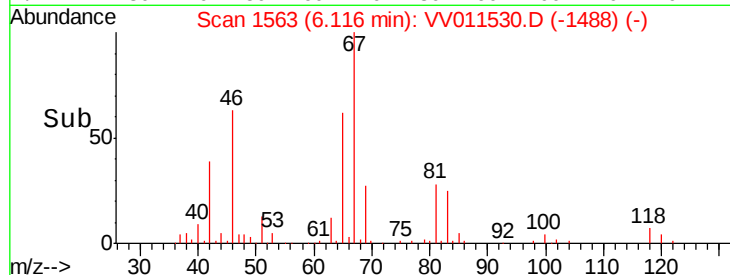
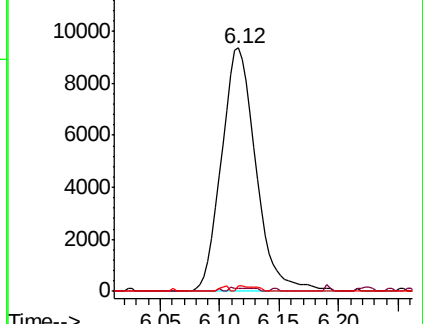
98 1.2 39.6 59.4#



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: 0.645 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011530.D

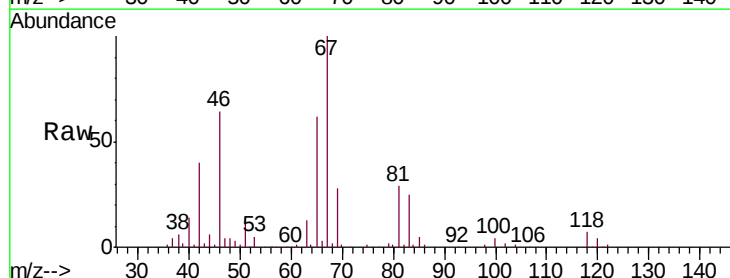
Acq: 15 Jun 2019 10:51

Tgt Ion: 63 Resp: 9664

Ion Ratio Lower Upper

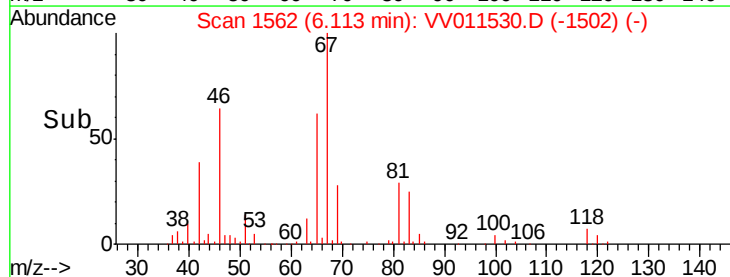
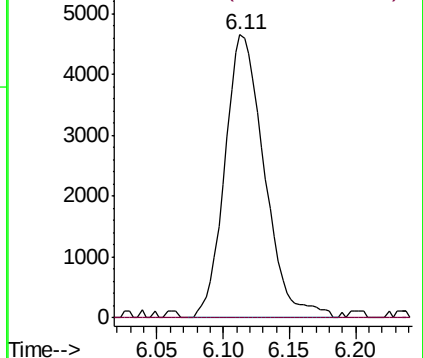
63 100

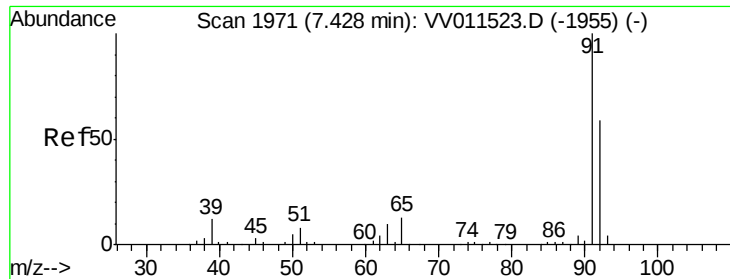
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.175 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011530.D

Acq: 15 Jun 2019 10:51

Instrument :

MSVOA_V

ClientSampleId :

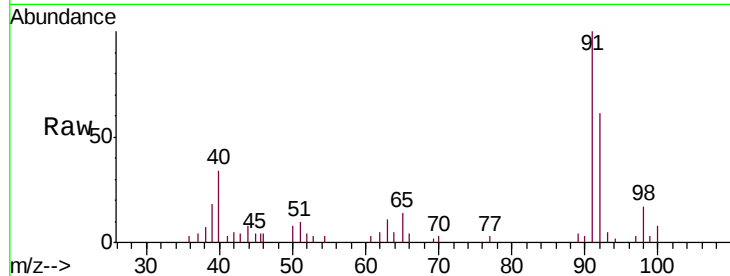
C0MA4

Tgt Ion: 91 Resp: 10223

Ion Ratio Lower Upper

91 100

92 61.1 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

6000

5000

4000

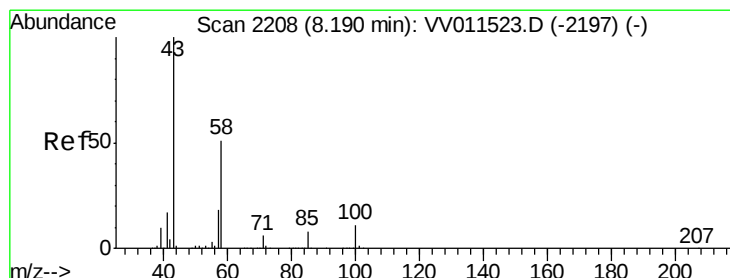
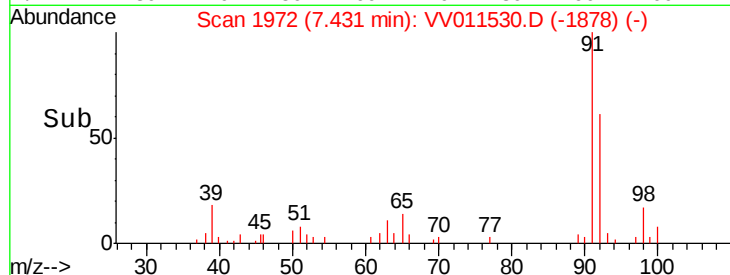
3000

2000

1000

0

Time--> 7.35 7.40 7.45 7.50



#48

2-Hexanone

Concen: 2.605 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011530.D

Acq: 15 Jun 2019 10:51

Tgt Ion: 43 Resp: 19570

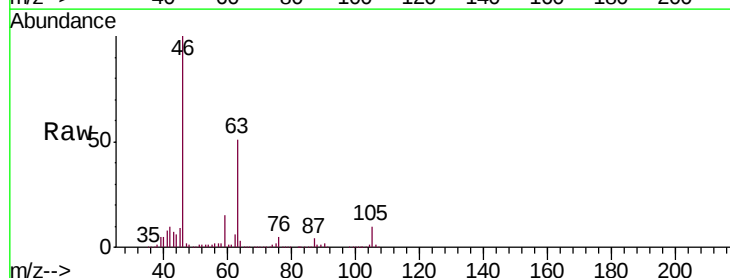
Ion Ratio Lower Upper

43 100

58 31.7 40.6 60.8#

57 27.5 14.2 21.4#

100 1.6 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

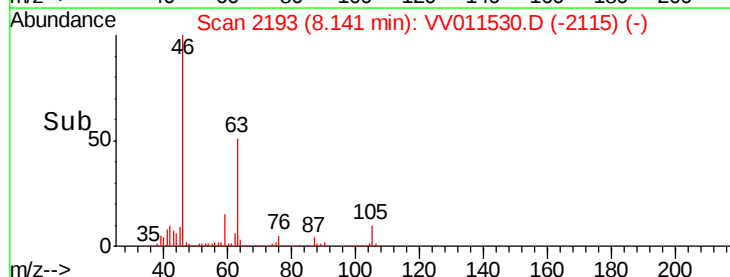
15000

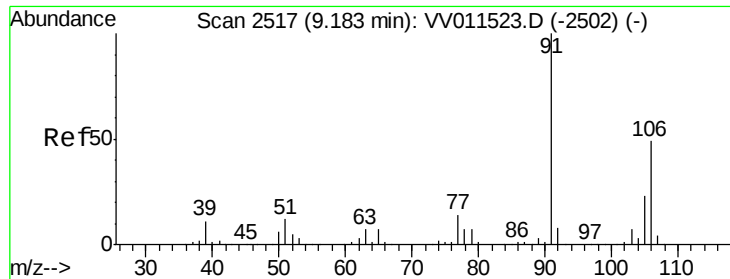
10000

5000

0

Time--> 8.10 8.15 8.20

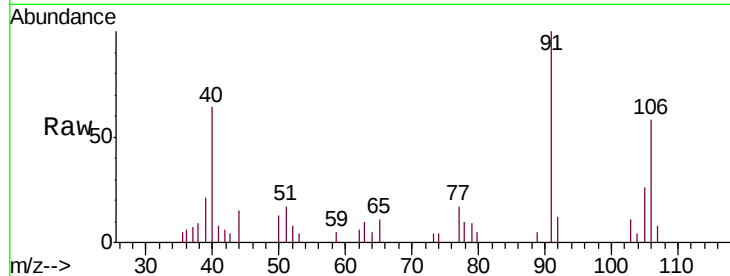




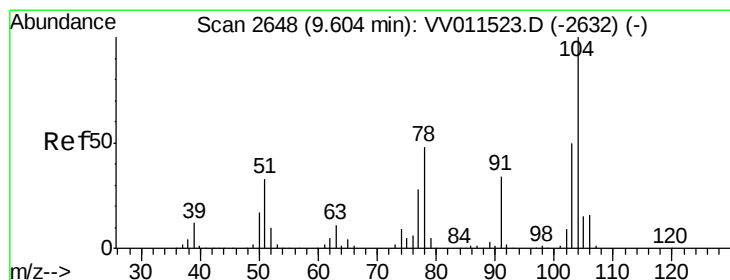
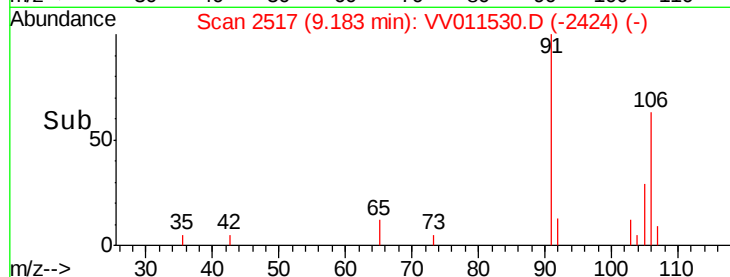
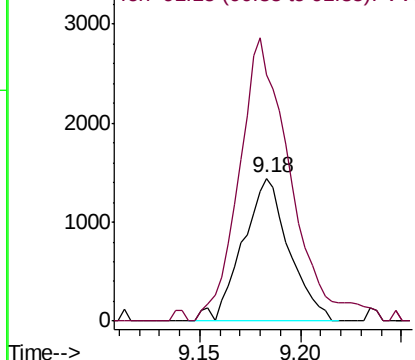
#53
m,p-xylene
Concen: 0.103 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV011530.D
Acq: 15 Jun 2019 10:51

Instrument :
MSVOA_V
ClientSampleId :
C0MA4

Tgt Ion:106 Resp: 2318
Ion Ratio Lower Upper
106 100
91 172.5 145.5 270.3

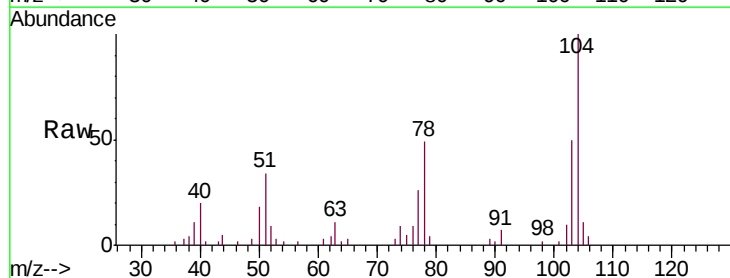


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#55
Styrene
Concen: 0.359 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV011530.D
Acq: 15 Jun 2019 10:51

Tgt Ion:104 Resp: 13407
Ion Ratio Lower Upper
104 100
78 48.9 34.0 63.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0

