

Data File : VV011528.D
Acq On : 15 Jun 2019 09:54
Operator : SY/MD
Sample : K3314-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM52

Quant Time: Jun 17 04:34:58 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	178713	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66158	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62765	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	50810	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.12	63	94790	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.97	46	191520	50.44	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.40	84	125110	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	75889	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.09	84	253332	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	79744	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	215794	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	21502	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.14	63	144763	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53560	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	69486	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

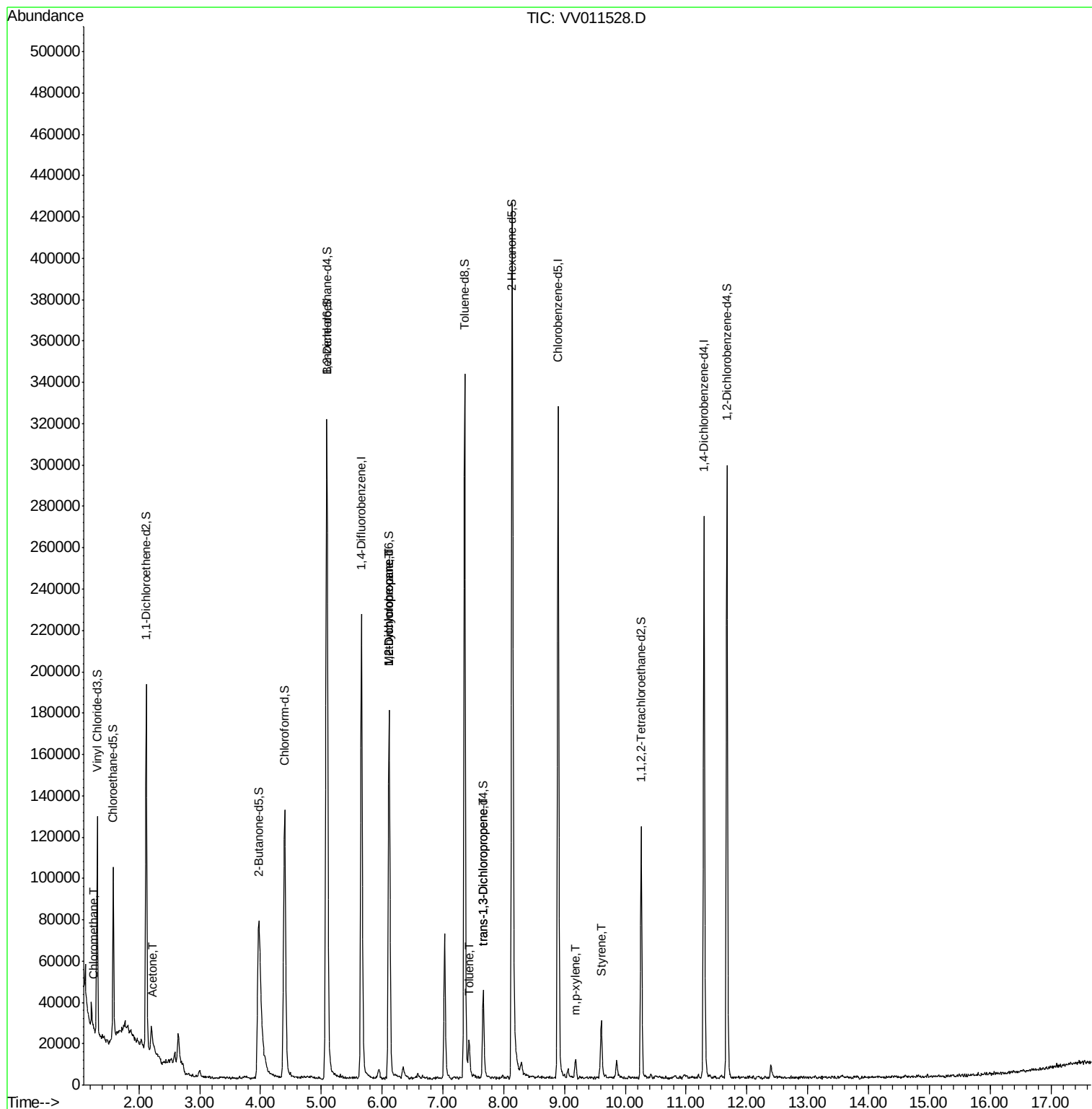
					Qvalue
3) Chloromethane	1.25	50	2056	0.119 ug/L	93
13) Acetone	2.24	43	9441	3.690 ug/L	64
35) Methylcyclohexane	6.12	83	18999	0.984 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9886	0.699 ug/L #	87
42) Toluene	7.43	91	10558	0.192 ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	1408	0.103 ug/L #	75
53) m,p-xylene	9.18	106	2208	0.104 ug/L	85
55) Styrene	9.60	104	12230	0.347 ug/L	99

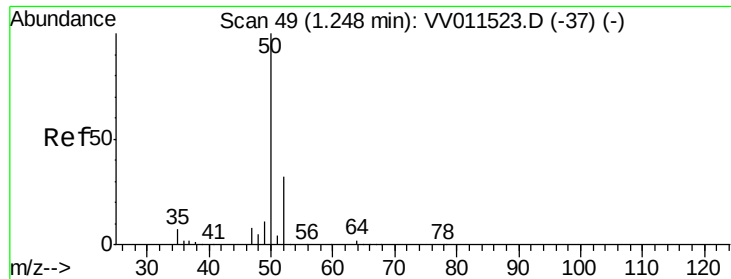
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 15 Jun 2019 09:54

Instrument :

MSVOA_V

ClientSampleId :

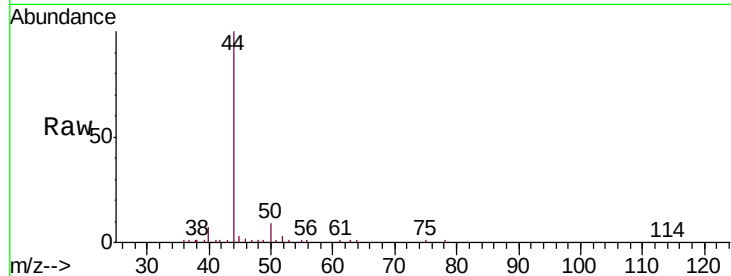
COM52

Tgt Ion: 50 Resp: 2056

Ion Ratio Lower Upper

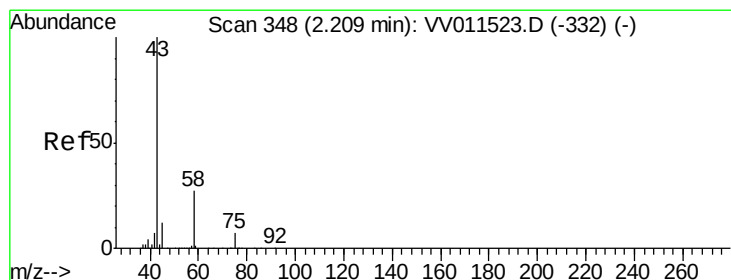
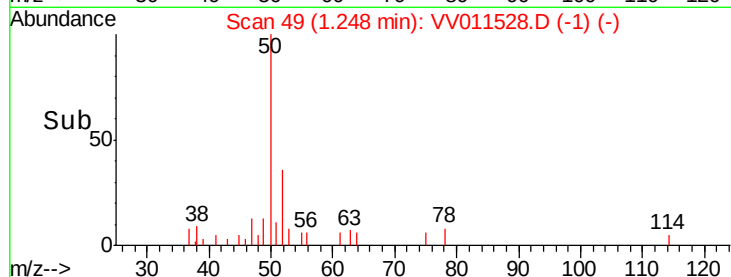
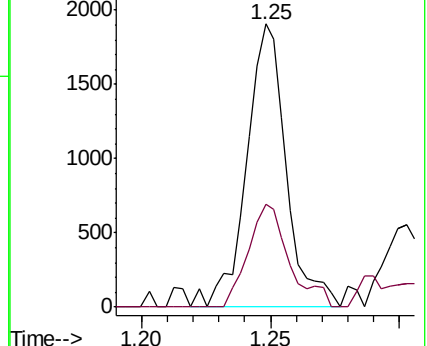
50 100

52 36.3 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 3.690 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.03 min

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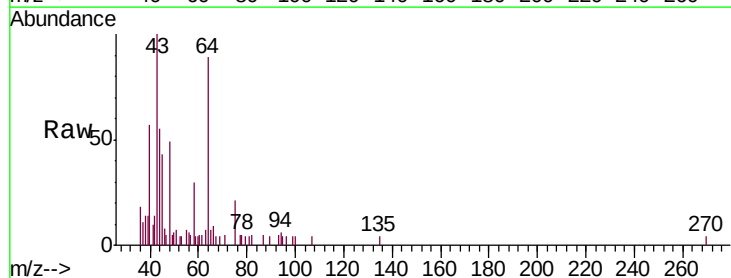
Acq: 15 Jun 2019 09:54

Tgt Ion: 43 Resp: 9441

Ion Ratio Lower Upper

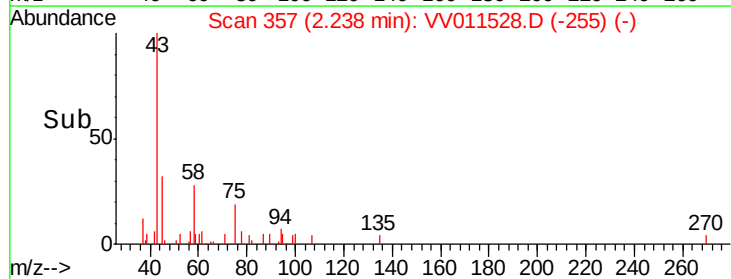
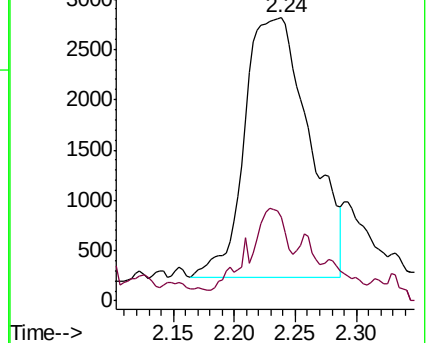
43 100

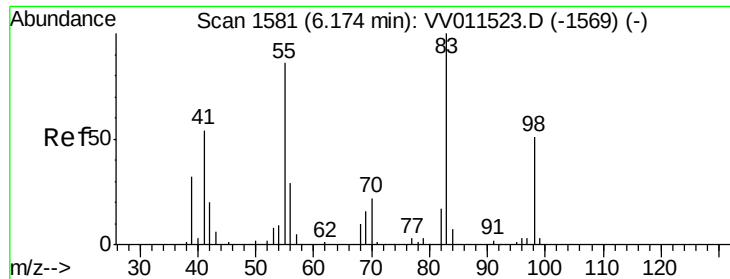
58 9.4 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

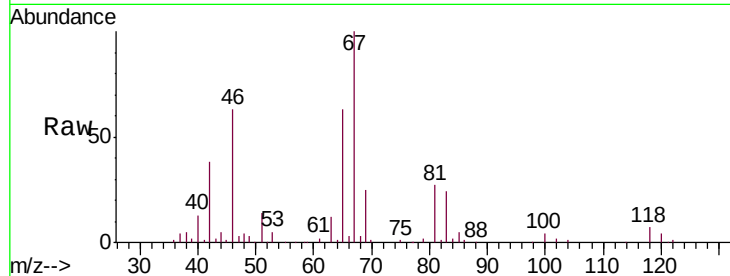




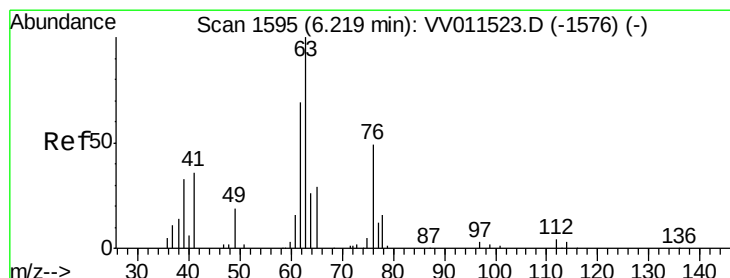
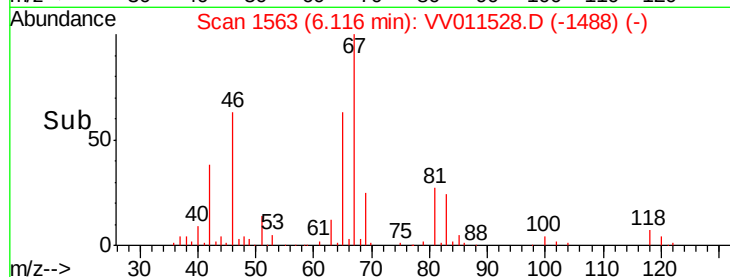
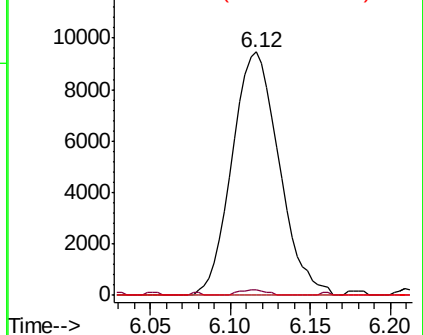
#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011528.D
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Instrument :
MSVOA_V
ClientSampleId :
COM52

Tgt Ion: 83 Resp: 18999
Ion Ratio Lower Upper
83 100
55 1.3 67.9 101.9#
98 0.0 39.6 59.4#

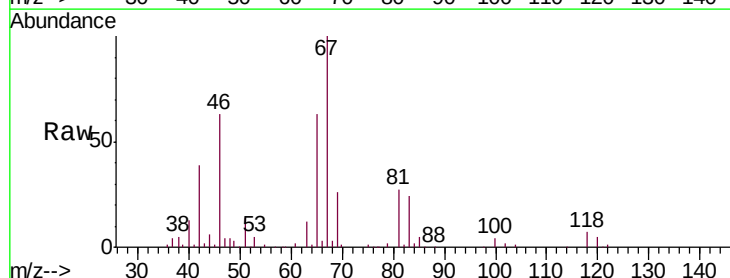


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

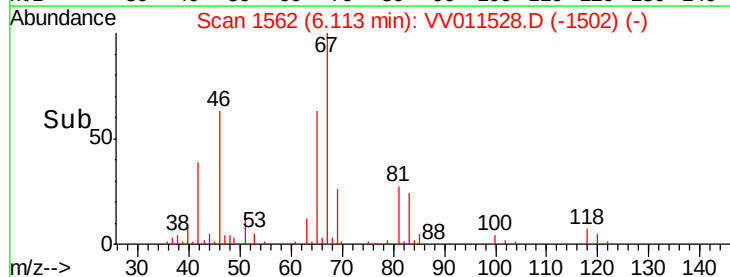
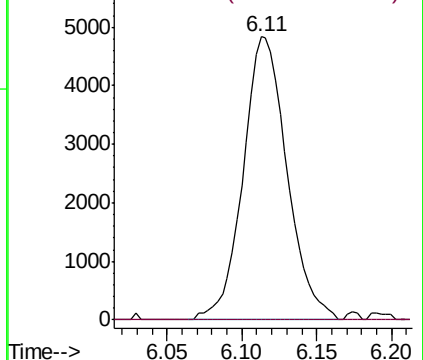


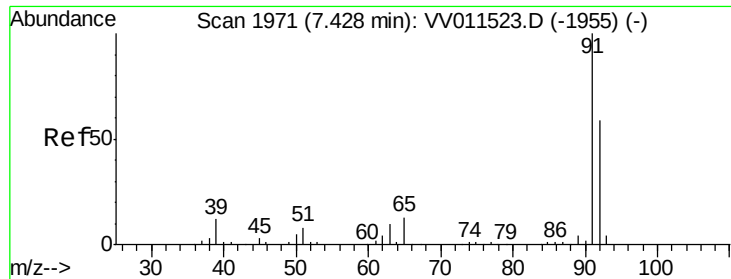
#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011528.D
Acq: 15 Jun 2019 09:54

Tgt Ion: 63 Resp: 9886
Ion Ratio Lower Upper
63 100
112 0.2 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: 0.192 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011528.D

Acq: 15 Jun 2019 09:54

Instrument :

MSVOA_V

ClientSampleId :

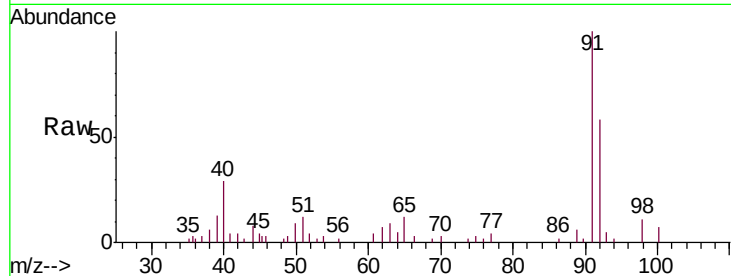
C0M52

Tgt Ion: 91 Resp: 10558

Ion Ratio Lower Upper

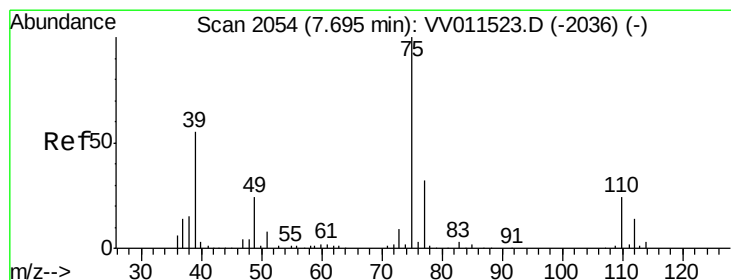
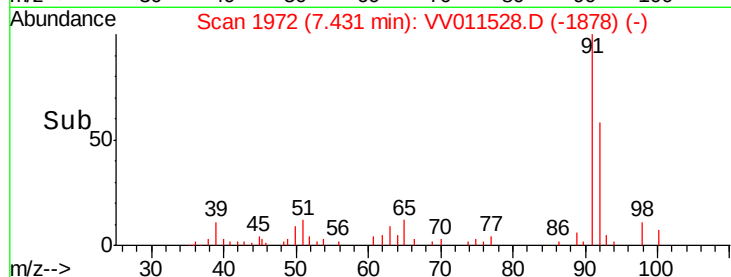
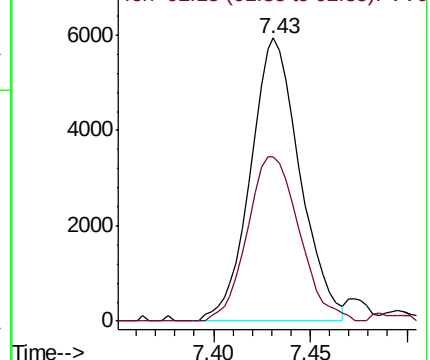
91 100

92 58.1 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: 0.103 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011528.D

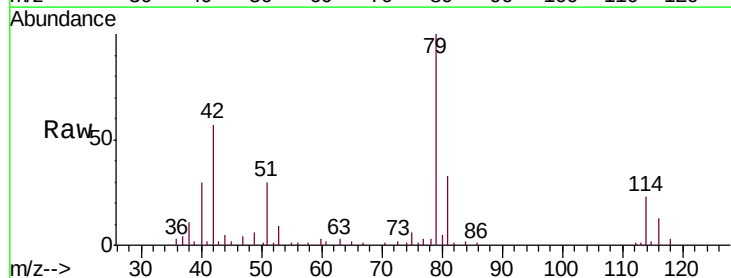
Acq: 15 Jun 2019 09:54

Tgt Ion: 75 Resp: 1408

Ion Ratio Lower Upper

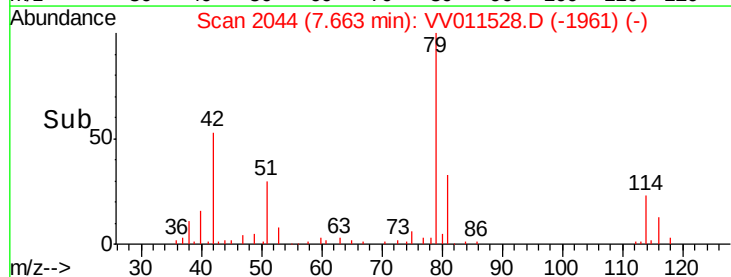
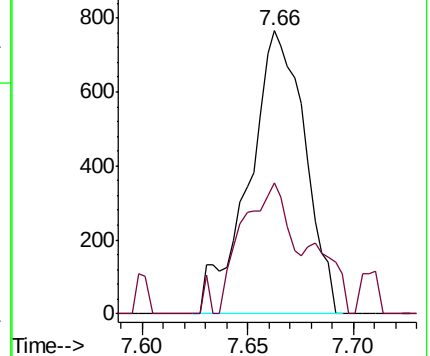
75 100

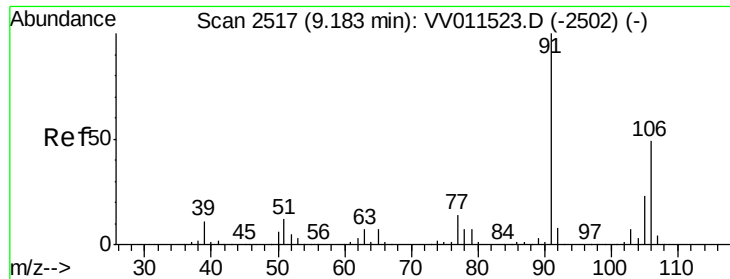
77 46.4 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#53

m,p-xylene

Concen: 0.104 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011528.D

Acq: 15 Jun 2019 09:54

Instrument :

MSVOA_V

ClientSampleId :

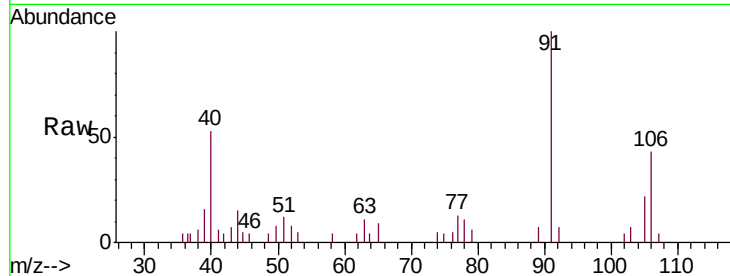
COM52

Tgt Ion:106 Resp: 2208

Ion Ratio Lower Upper

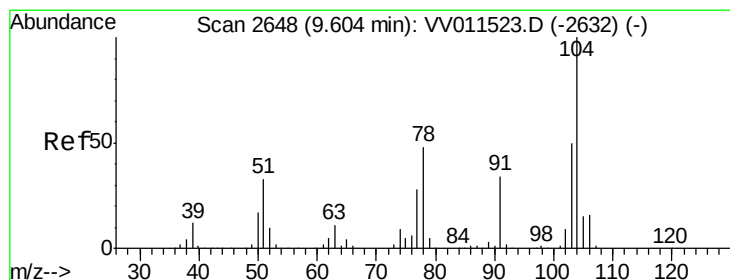
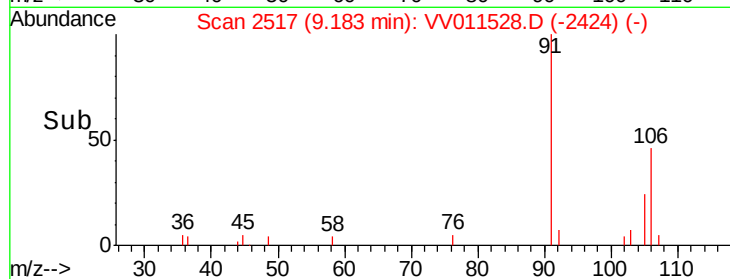
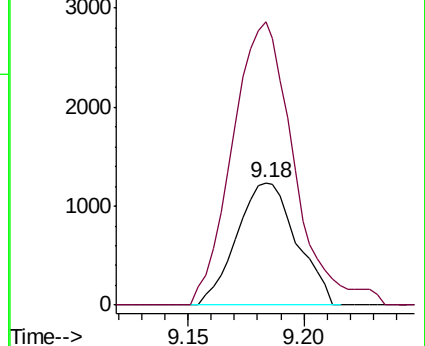
106 100

91 231.1 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 0.347 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV011528.D

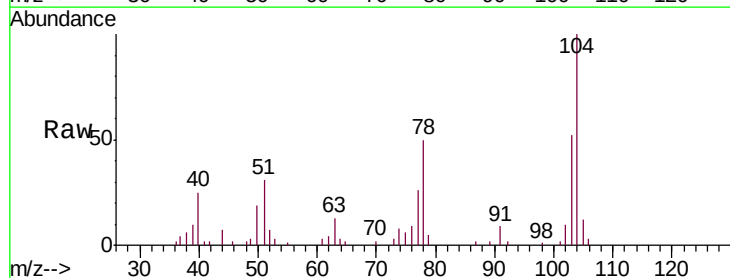
Acq: 15 Jun 2019 09:54

Tgt Ion:104 Resp: 12230

Ion Ratio Lower Upper

104 100

78 49.5 34.0 63.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

