

Data File : VV011370.D
Acq On : 11 Jun 2019 02:42
Operator : SY/MD
Sample : K3229-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P67

Quant Time: Jun 11 04:07:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146378	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41394	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.55	69	36774	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.12	63	66464	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.94	46	131305	52.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.16%
24) Chloroform-d	4.39	84	88360	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	51762	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	170602	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.11	67	54570	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	150307	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.66	79	15441	3.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.80%
46) 2-Hexanone-d5	8.13	63	98980	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40533	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	49680	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	2117	0.152 ug/L	91
5) Vinyl chloride	1.32	62	60622	4.501 ug/L	85
6) Bromomethane	1.51	94	1416	0.202 ug/L	98
8) Chloroethane	1.60	64	1023	0.119 ug/L #	68
13) Acetone	2.19	43	6054	3.616 ug/L	96
14) Carbon disulfide	2.31	76	2792	0.100 ug/L #	84
27) 1,2-Dichloroethane	5.18	62	1475	0.115 ug/L #	76
30) Cyclohexane	4.71	56	12070	0.630 ug/L	98
33) Benzene	5.14	78	4901	0.114 ug/L	100
35) Methylcyclohexane	6.12	83	13573	0.737 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7380	0.688 ug/L #	89
42) Toluene	7.43	91	19483	0.424 ug/L	99
52) Ethylbenzene	9.05	91	30677	0.601 ug/L	100
53) m,p-xylene	9.18	106	12185	0.646 ug/L	93
54) o-xylene	9.59	106	4187	0.226 ug/L	95
55) Styrene	9.61	104	2937	0.097 ug/L	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration

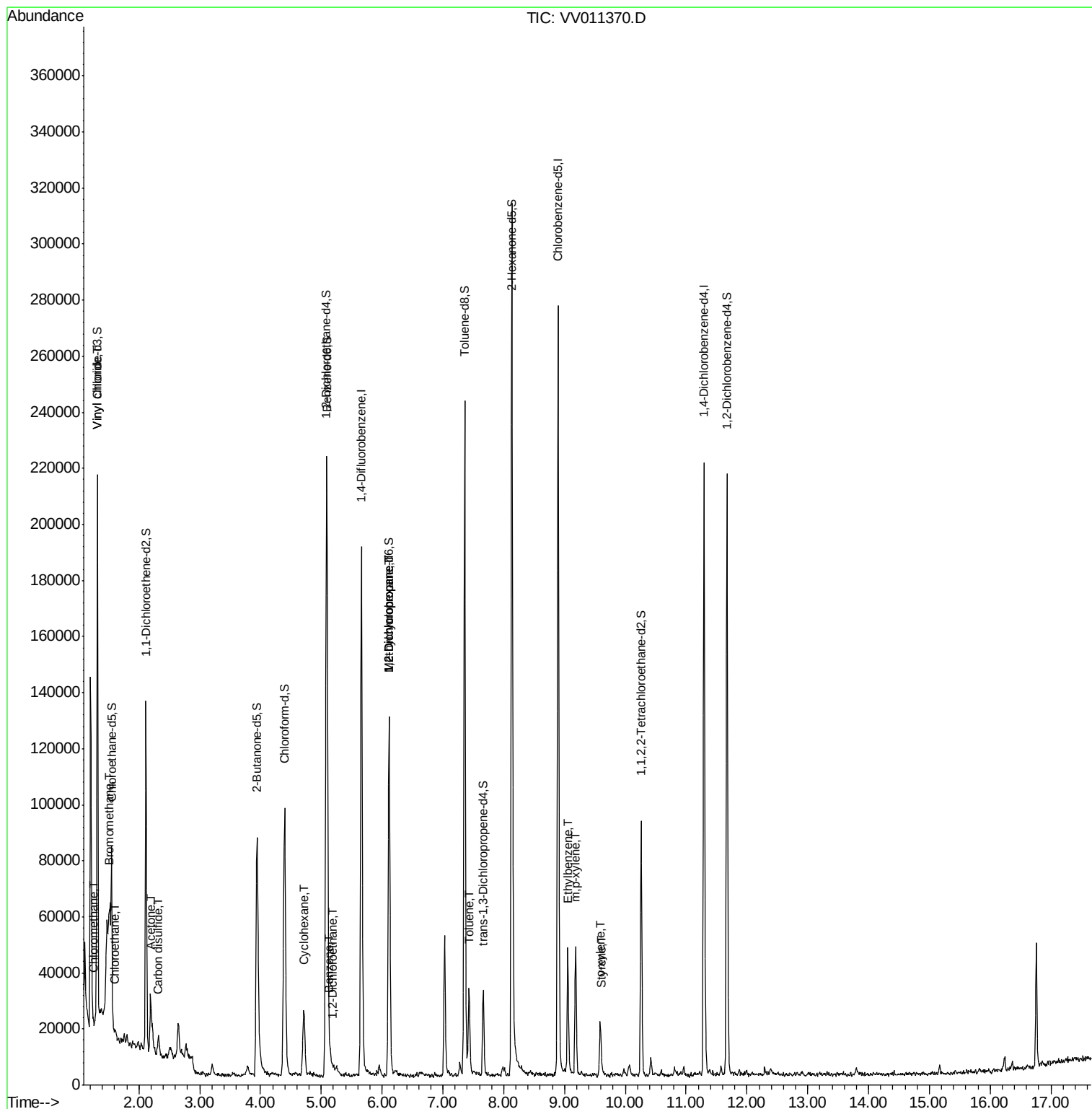
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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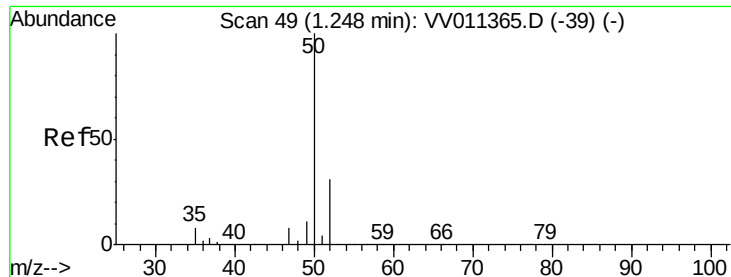
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Instrument :

MSVOA_V

ClientSampleId :

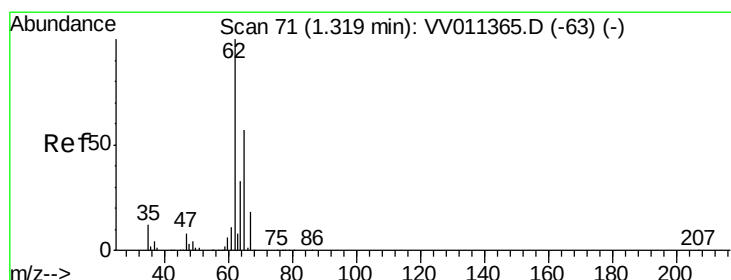
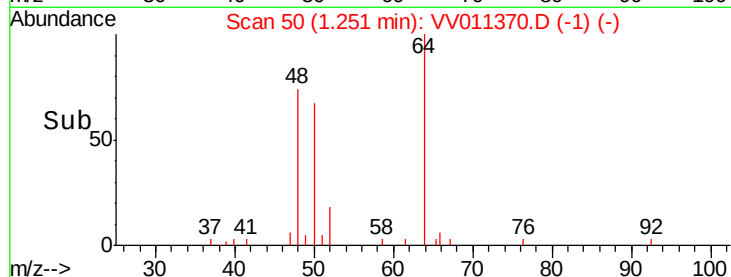
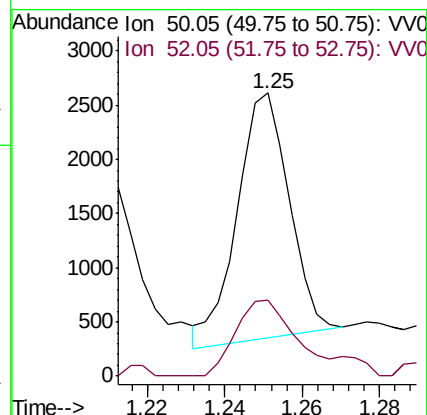
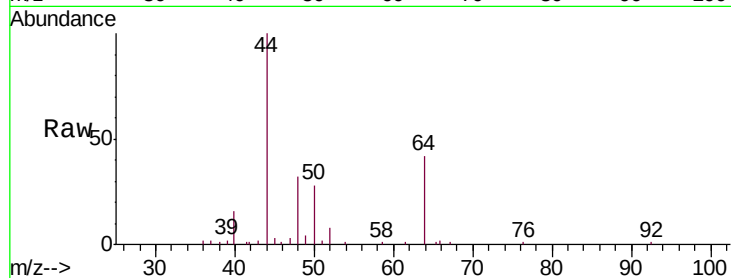
F9P67

Tgt Ion: 50 Resp: 2117

Ion Ratio Lower Upper

50 100

52 26.7 22.3 41.5



#5

Vinyl chloride

Concen: 4.501 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011370.D

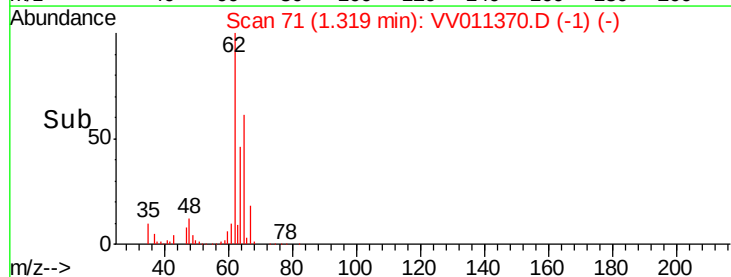
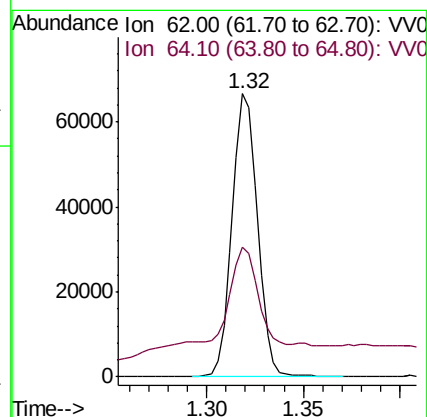
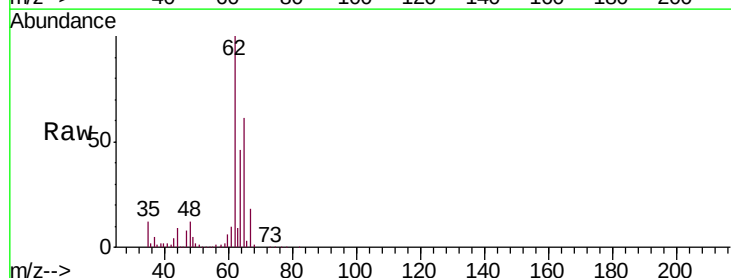
Acq: 11 Jun 2019 02:42

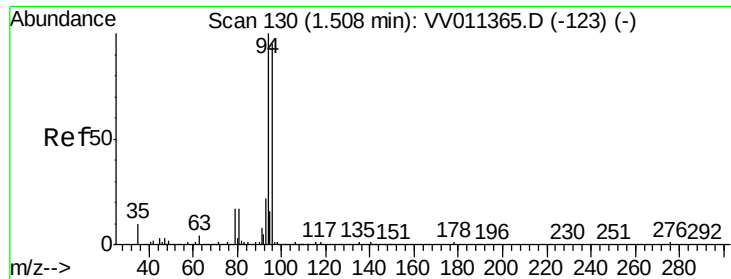
Tgt Ion: 62 Resp: 60622

Ion Ratio Lower Upper

62 100

64 46.0 25.9 48.1





#6

Bromomethane

Concen: 0.202 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Instrument :

MSVOA_V

ClientSampleId :

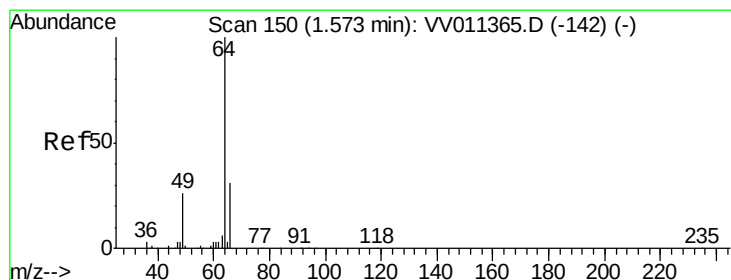
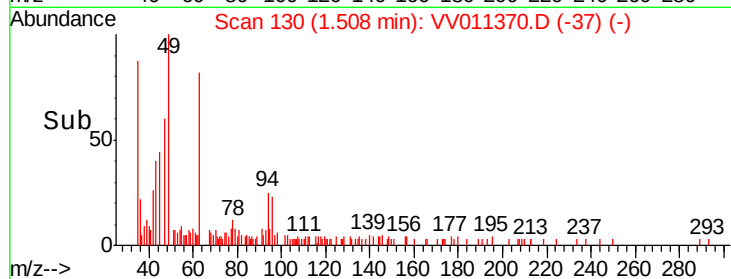
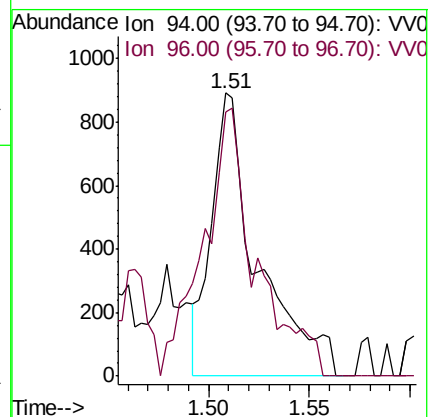
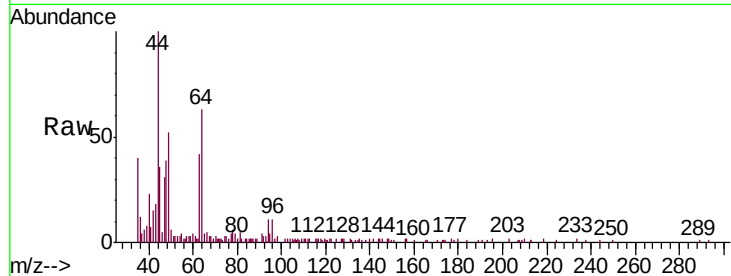
F9P67

Tgt Ion: 94 Resp: 1416

Ion Ratio Lower Upper

94 100

96 93.3 67.0 124.4



#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.03 min

Lab File: VV011370.D

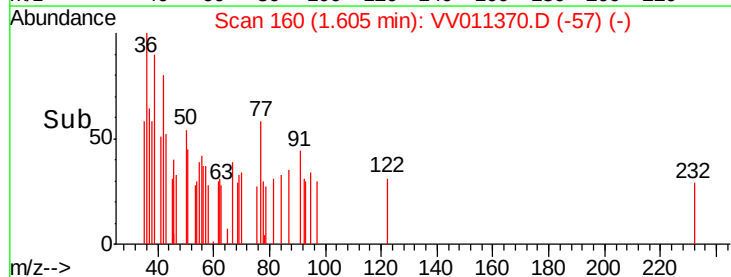
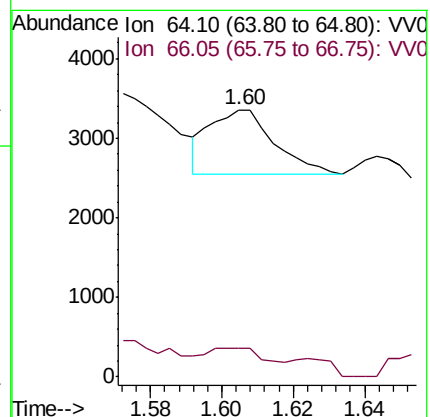
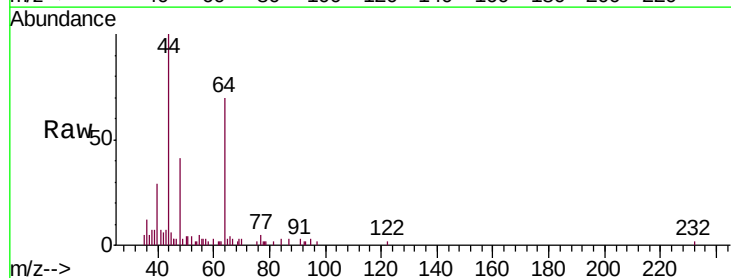
Acq: 11 Jun 2019 02:42

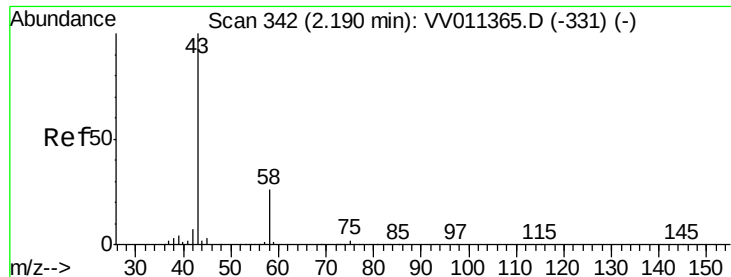
Tgt Ion: 64 Resp: 1023

Ion Ratio Lower Upper

64 100

66 10.7 19.4 36.0#





#13

Acetone

Concen: 3.616 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Instrument :

MSVOA_V

ClientSampleId :

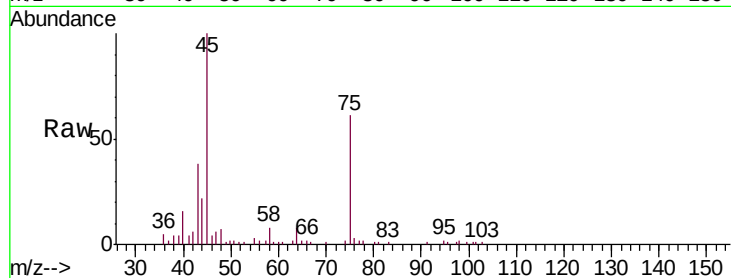
F9P67

Tgt Ion: 43 Resp: 6054

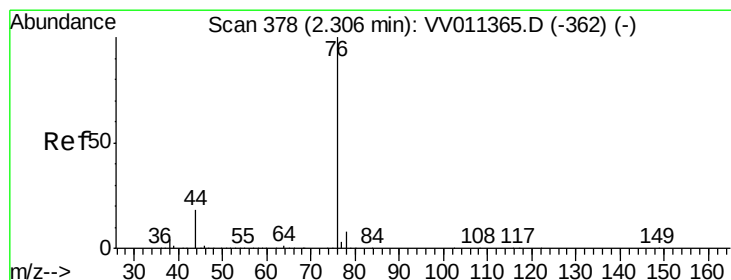
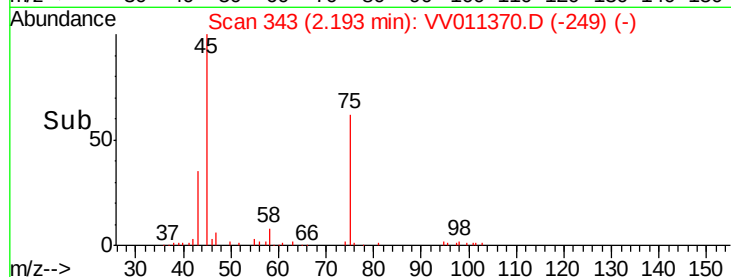
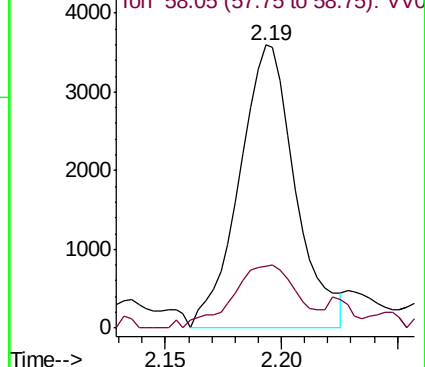
Ion Ratio Lower Upper

43 100

58 25.4 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011370.D (-249) (-)



#14

Carbon disulfide

Concen: 0.100 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV011370.D

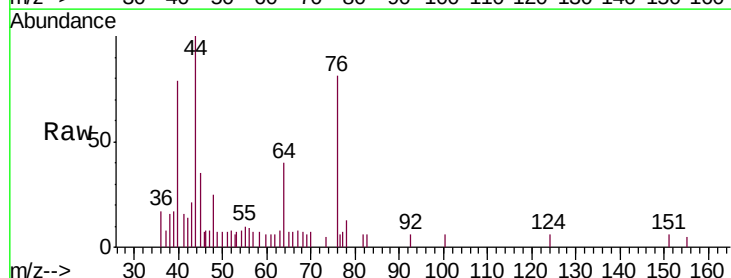
Acq: 11 Jun 2019 02:42

Tgt Ion: 76 Resp: 2792

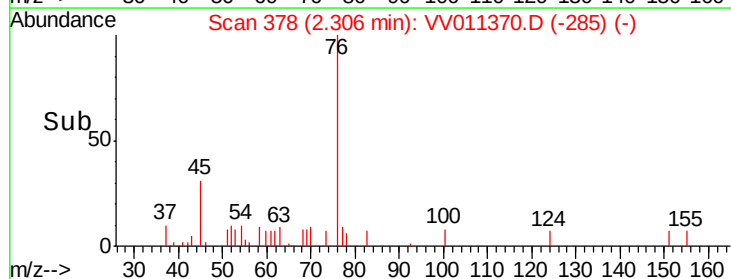
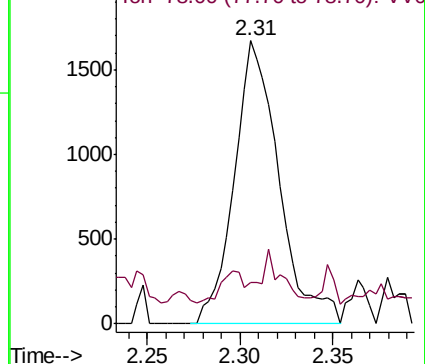
Ion Ratio Lower Upper

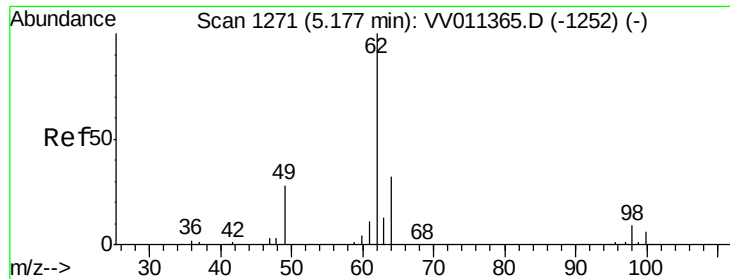
76 100

78 14.8 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV011370.D (-285) (-)

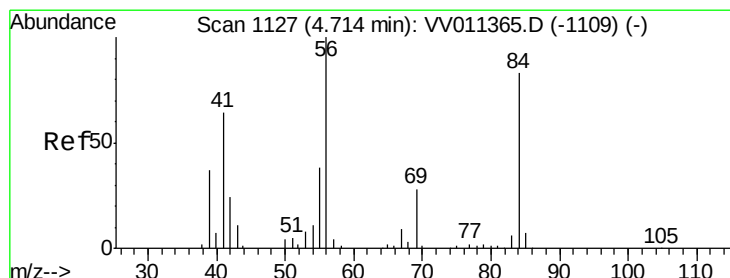
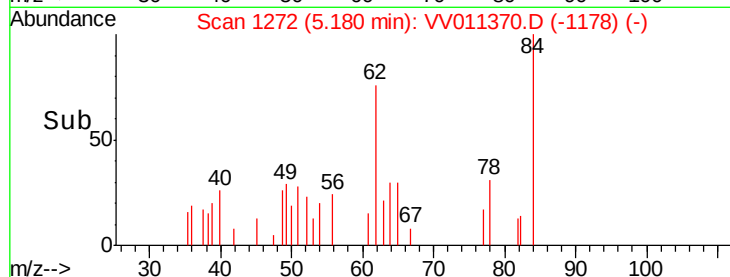
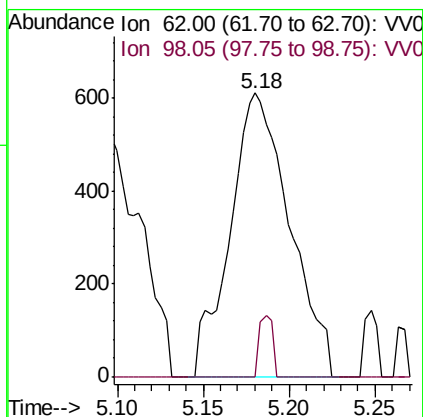
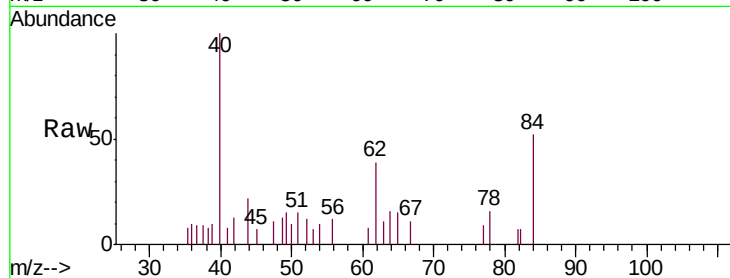




#27
 1,2-Dichloroethane
 Concen: 0.115 ug/L
 RT: 5.18 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VV011370.D
 Acq: 11 Jun 2019 02:42

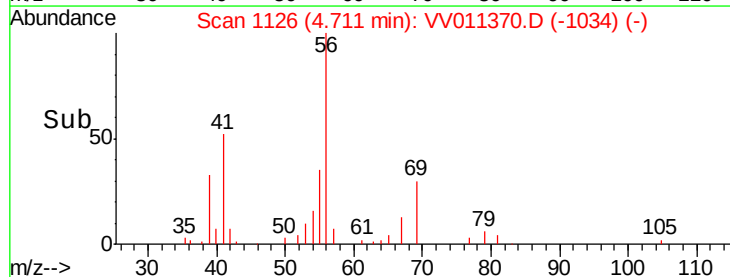
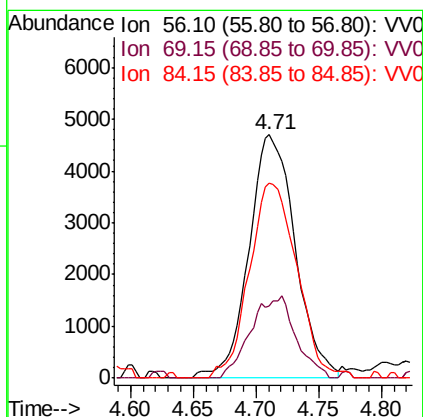
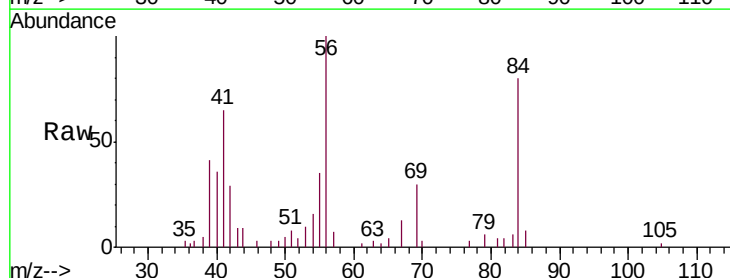
Instrument :
 MSVOA_V
 ClientSampled :
 F9P67

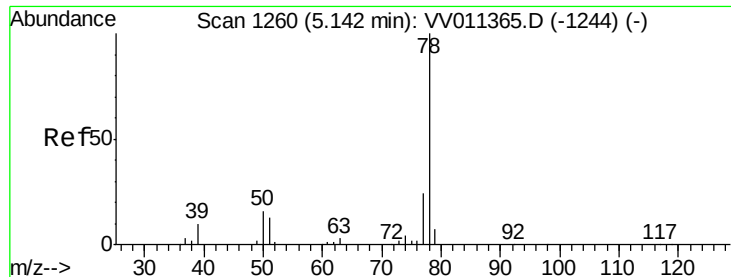
Tgt Ion: 62 Resp: 1475
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.9 10.3#



#30
 Cyclohexane
 Concen: 0.630 ug/L
 RT: 4.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: VV011370.D
 Acq: 11 Jun 2019 02:42

Tgt Ion: 56 Resp: 12070
 Ion Ratio Lower Upper
 56 100
 69 32.8 24.1 36.1
 84 82.4 66.4 99.6





#33

Benzene

Concen: 0.114 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

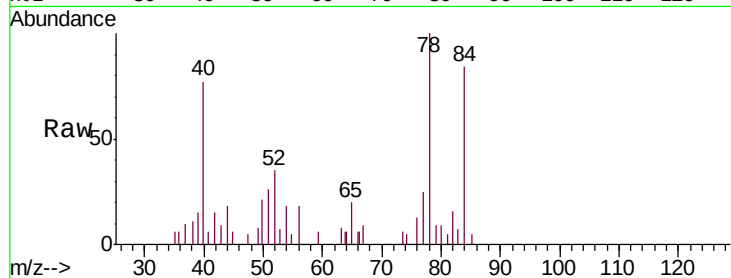
Instrument :

MSVOA_V

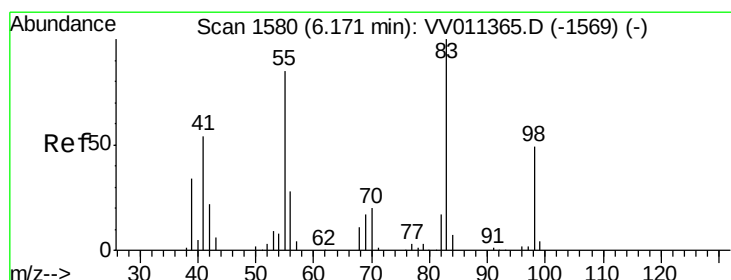
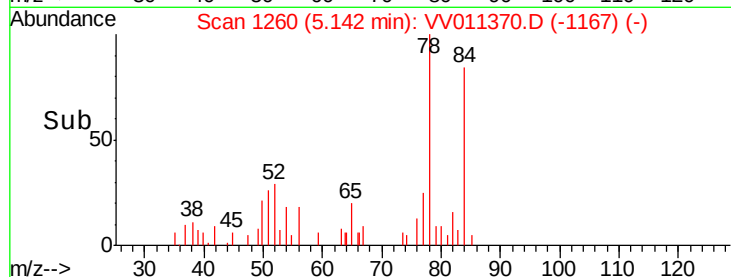
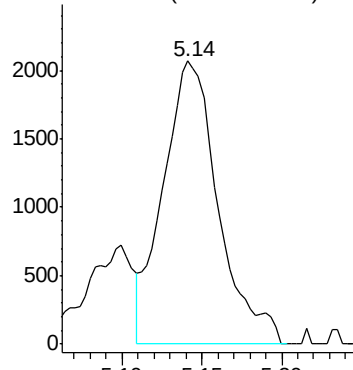
ClientSampleId :

F9P67

Tgt Ion: 78 Resp: 4901



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.12 min Scan# 1563

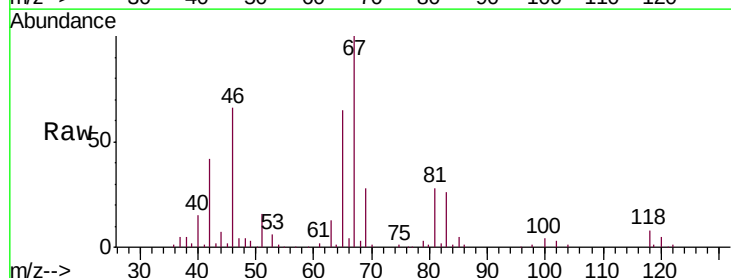
Delta R.T. -0.05 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Tgt Ion: 83 Resp: 13573

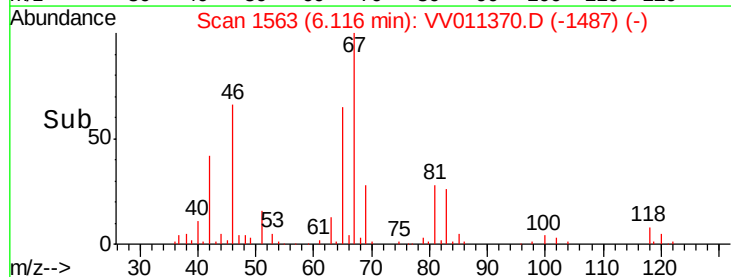
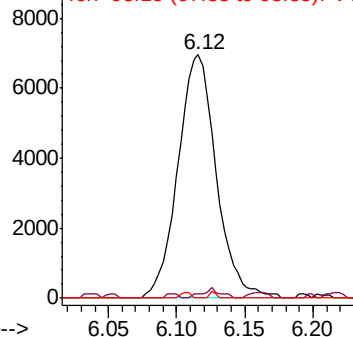
Ion	Ratio	Lower	Upper
83	100		
55	0.5	67.0	100.6#
98	0.6	40.0	60.0#

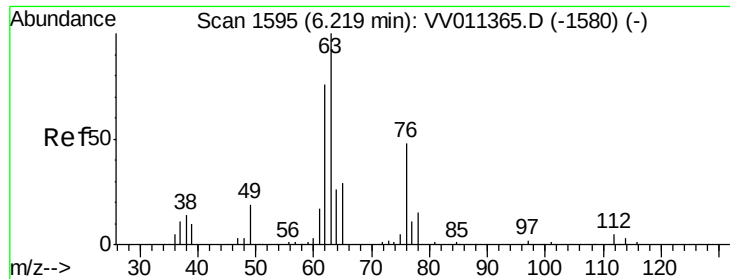


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

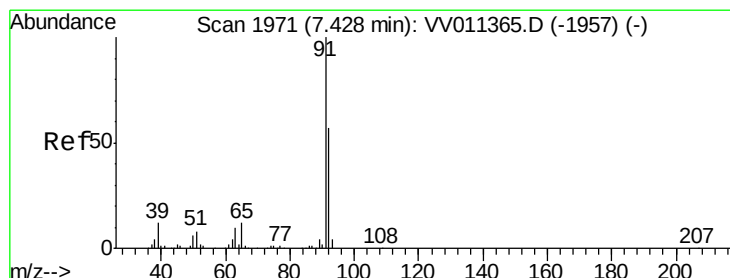
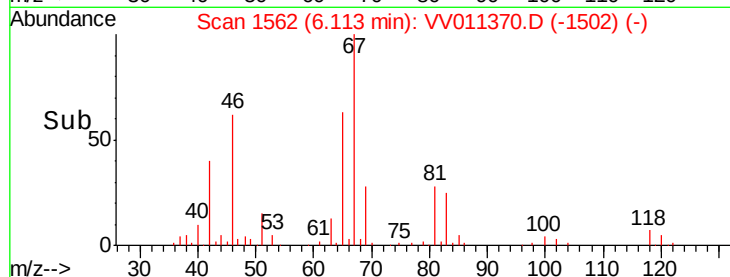
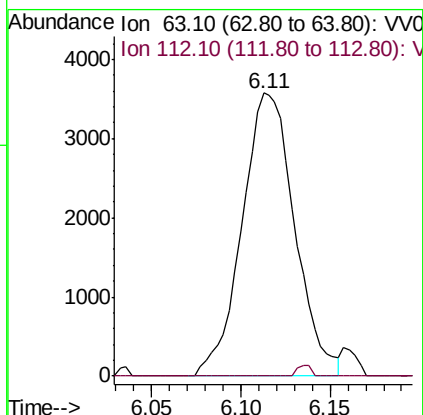
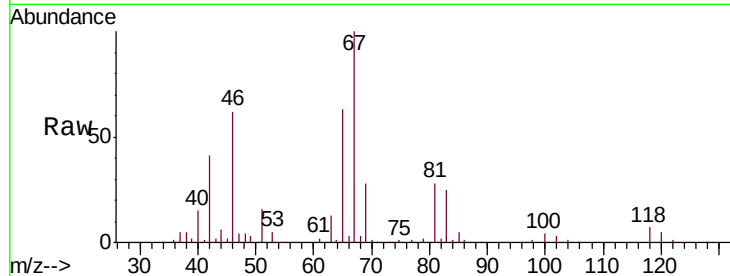




#37
 1,2-Dichloropropane
 Concen: 0.688 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011370.D
 Acq: 11 Jun 2019 02:42

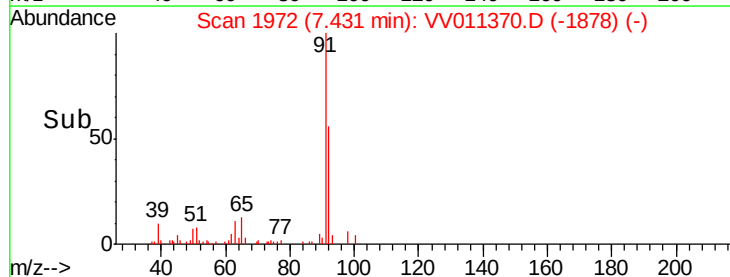
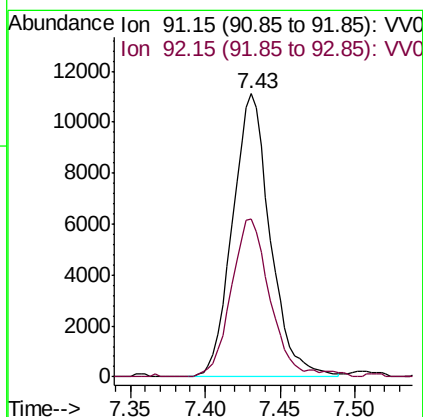
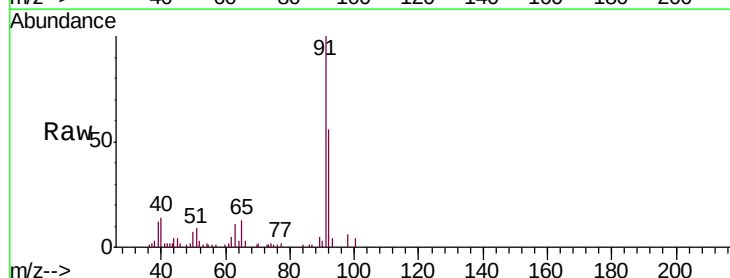
Instrument :
 MSVOA_V
 ClientSampleId :
 F9P67

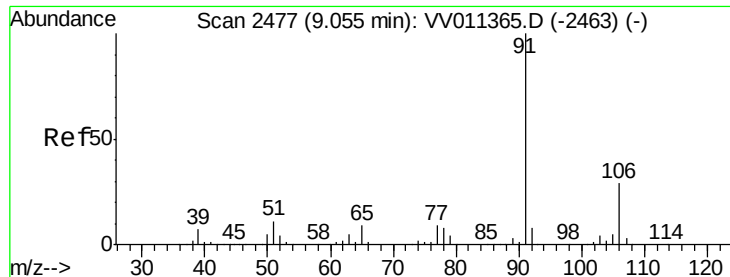
Tgt Ion: 63 Resp: 7380
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.6 5.4#



#42
 Toluene
 Concen: 0.424 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011370.D
 Acq: 11 Jun 2019 02:42

Tgt Ion: 91 Resp: 19483
 Ion Ratio Lower Upper
 91 100
 92 56.0 39.9 74.1





#52

Ethylbenzene

Concen: 0.601 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011370.D

Acq: 11 Jun 2019 02:42

Instrument :

MSVOA_V

ClientSampled :

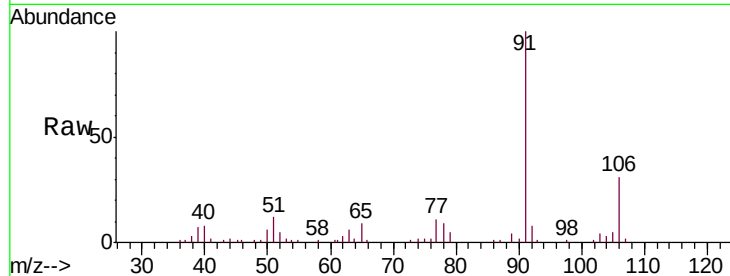
F9P67

Tgt Ion: 91 Resp: 30677

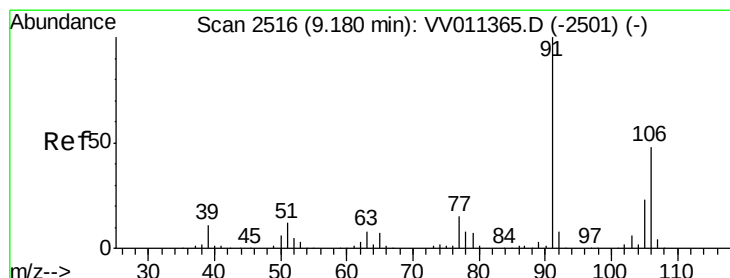
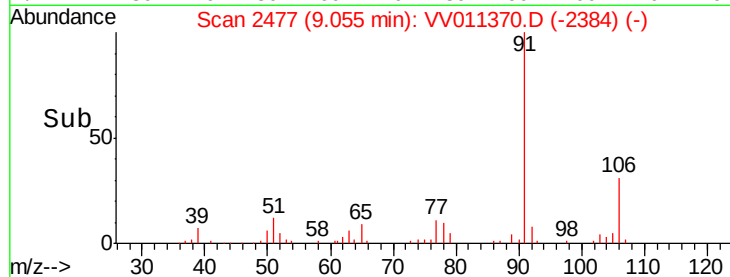
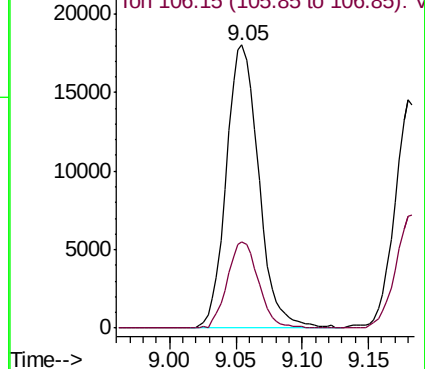
Ion Ratio Lower Upper

91 100

106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV011370.D (-2384) (-)



#53

m,p-xylene

Concen: 0.646 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV011370.D

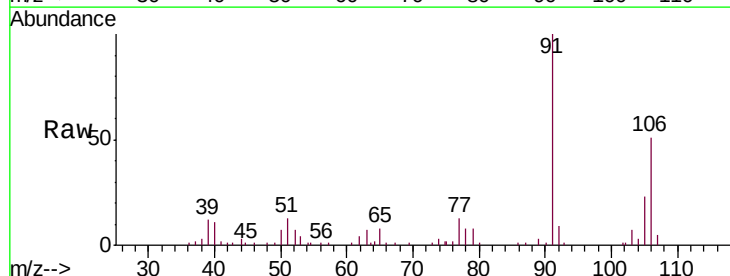
Acq: 11 Jun 2019 02:42

Tgt Ion: 106 Resp: 12185

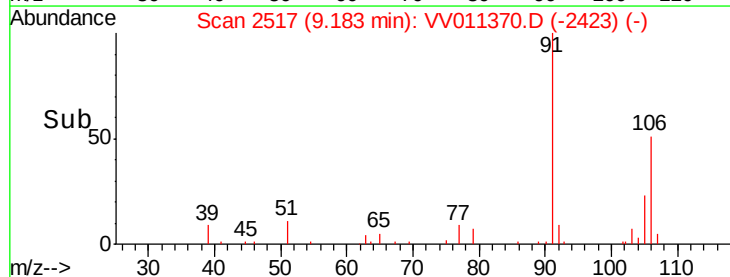
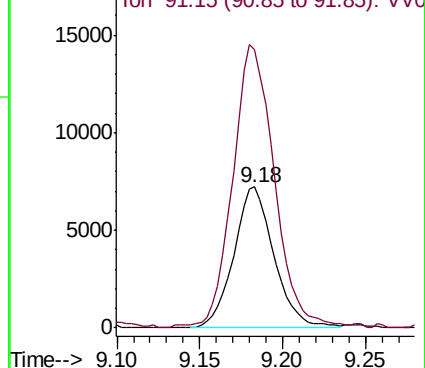
Ion Ratio Lower Upper

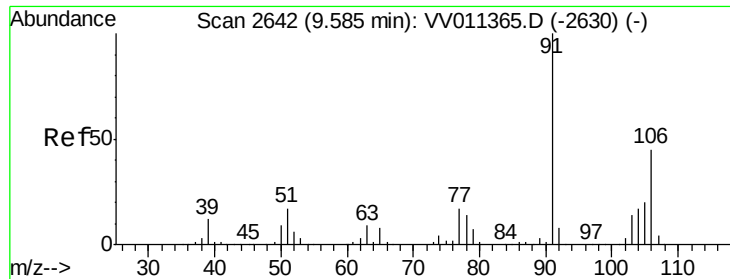
106 100

91 197.3 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): VV011370.D (-2423) (-)

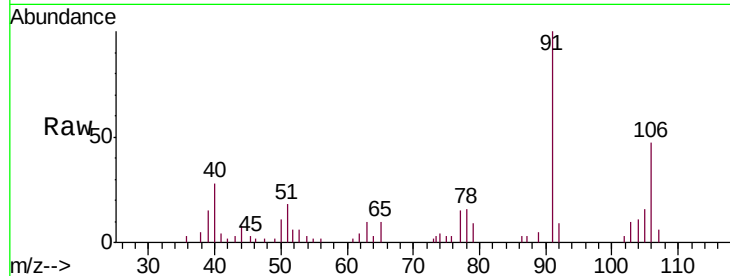




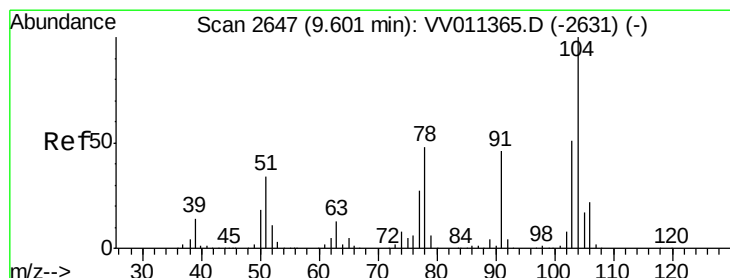
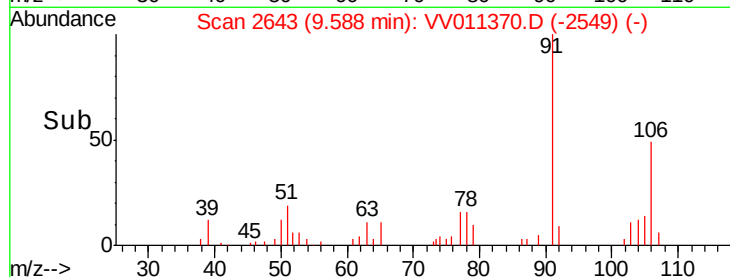
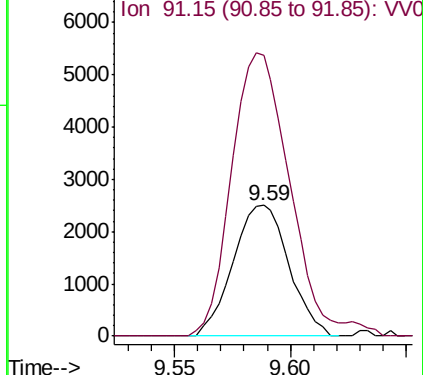
#54
o-xylene
Concen: 0.226 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV011370.D
Acq: 11 Jun 2019 02:42

Instrument :
MSVOA_V
ClientSampleId :
F9P67

Tgt Ion:106 Resp: 4187
Ion Ratio Lower Upper
106 100
91 214.4 155.4 288.6

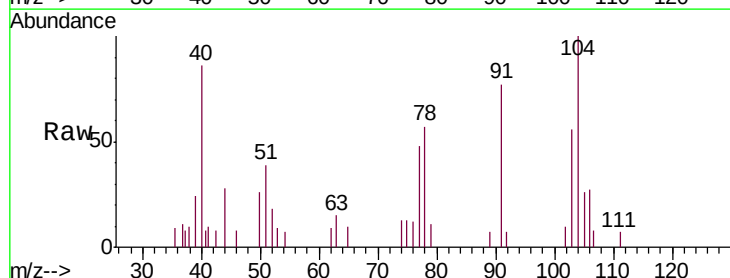


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#55
Styrene
Concen: 0.097 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.01 min
Lab File: VV011370.D
Acq: 11 Jun 2019 02:42

Tgt Ion:104 Resp: 2937
Ion Ratio Lower Upper
104 100
78 57.4 32.4 60.2



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

