

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009107.D
 Acq On : 21 Dec 2018 02:19
 Operator : SY/MD
 Sample : J6468-19
 Misc : 5.99 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JH5

Quant Time: Dec 21 03:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 01:30:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221607	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195541	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42601	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
7) Chloroethane-d5	1.58	69	45920	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	2.13	63	83640	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	3.94	46	37114	44.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.90%
24) Chloroform-d	4.40	84	127595	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	76813	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.68%
29) Benzene-d6	5.10	84	247598	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	6.12	67	77160	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	7.36	98	227925	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.20%
38) trans-1,3-Dichloropropene-	7.66	79	31639	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	8.14	63	23398	41.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69167	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	75025	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

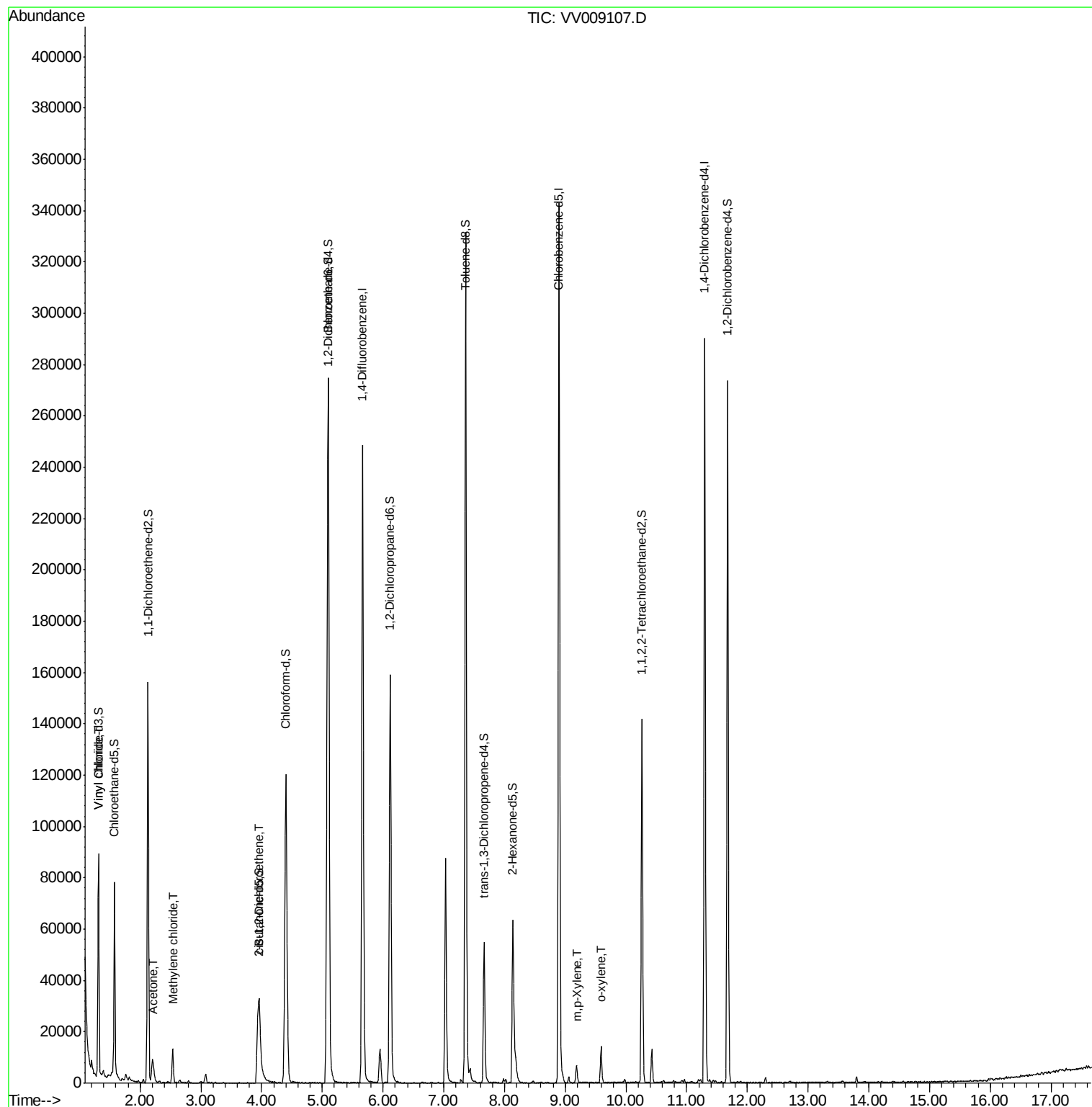
					Qvalue
5) Vinyl chloride	1.32	62	15126	5.428 ug/L	92
13) Acetone	2.21	43	15536	12.630 ug/L	97
16) Methylene chloride	2.54	84	5942	1.592 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	7375	2.291 ug/L	97
54) m,p-Xylene	9.19	106	2287	0.453 ug/L	95
55) o-xylene	9.59	106	3646	0.778 ug/L	86

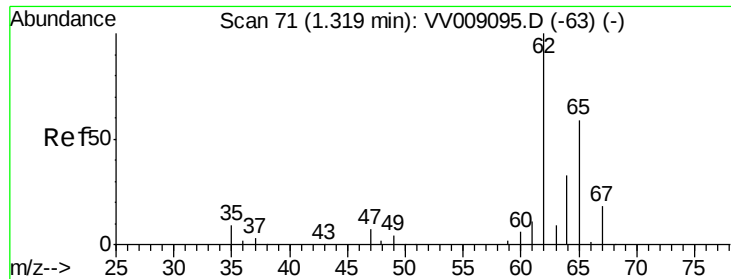
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.428 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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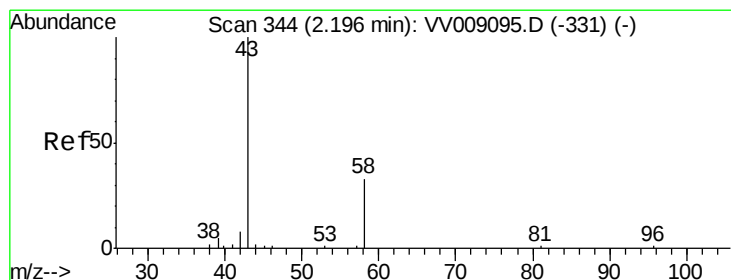
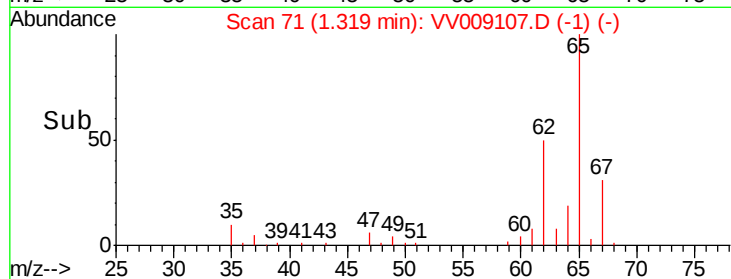
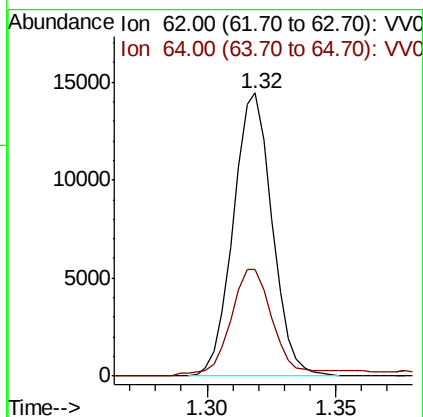
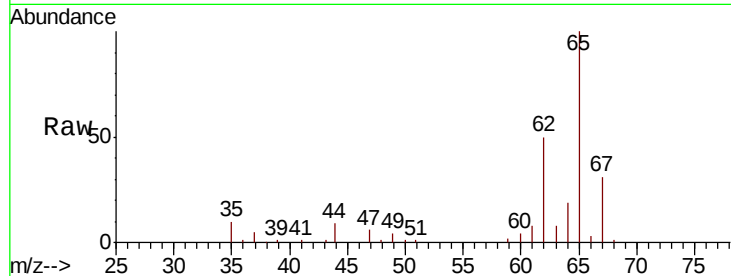
Instrument :
MSVOA_V
ClientSampleId :
C0JH5

Tgt Ion: 62 Resp: 15126

Ion Ratio Lower Upper

62 100

64 37.6 23.3 43.3



#13

Acetone

Concen: 12.630 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV009107.D

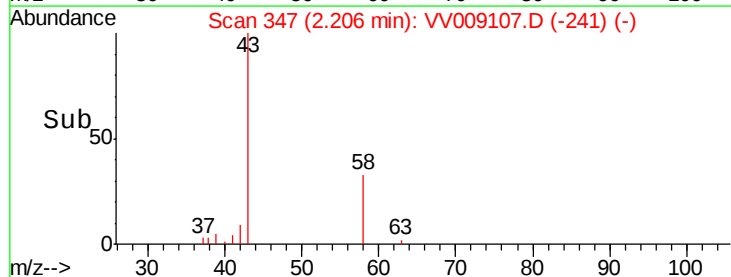
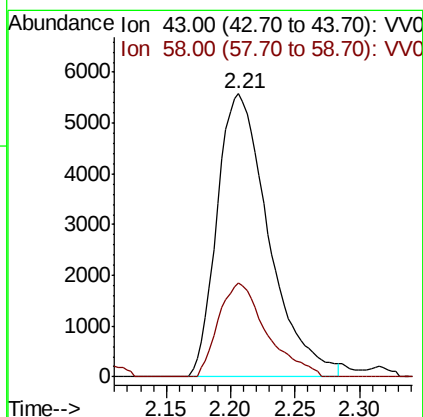
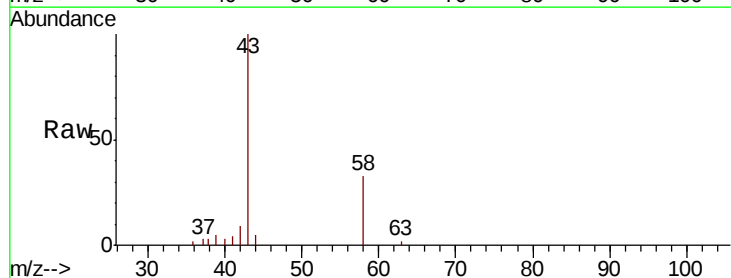
Acq: 21 Dec 2018 02:19

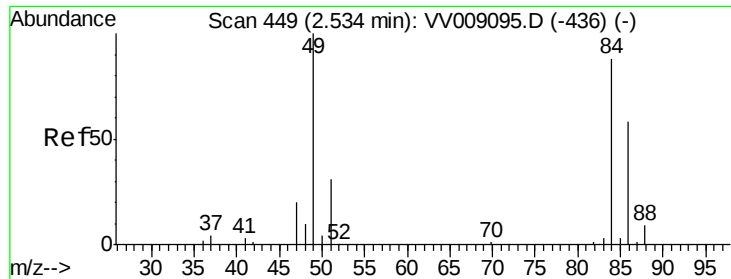
Tgt Ion: 43 Resp: 15536

Ion Ratio Lower Upper

43 100

58 30.9 0.0 65.4

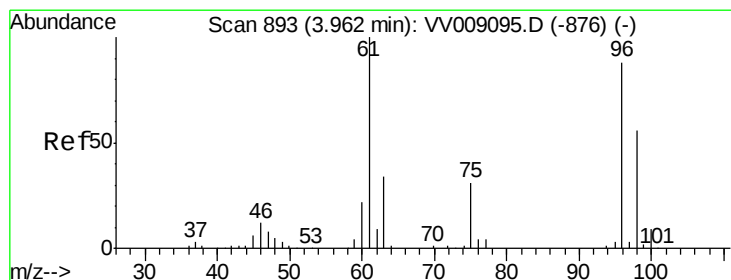
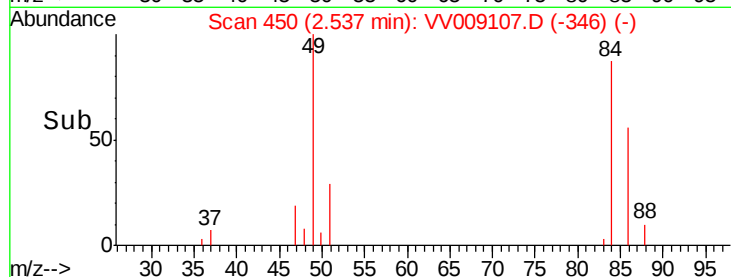
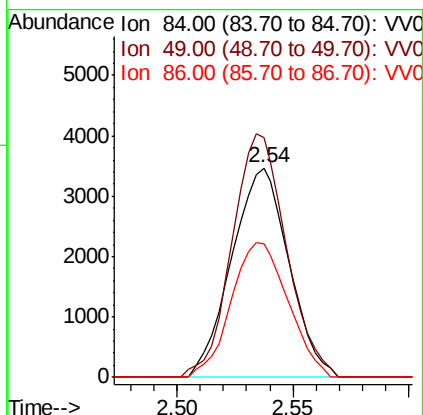
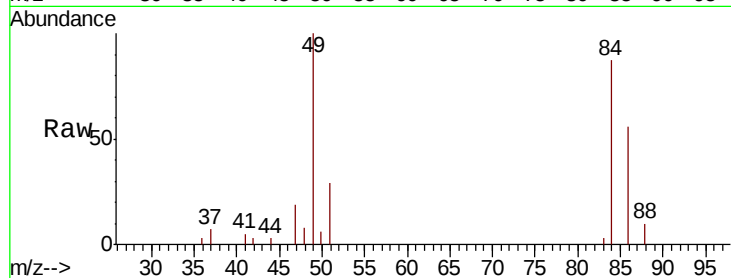




#16
Methylene chloride
Concen: 1.592 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009107.D
Acq: 21 Dec 2018 02:19

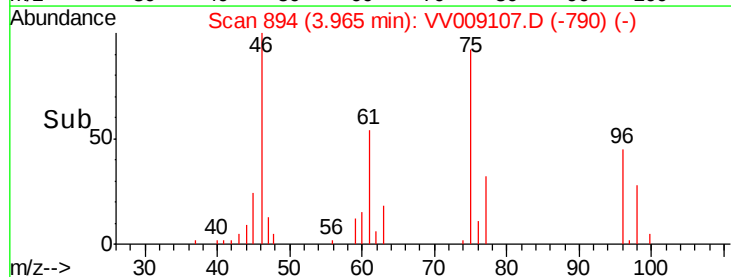
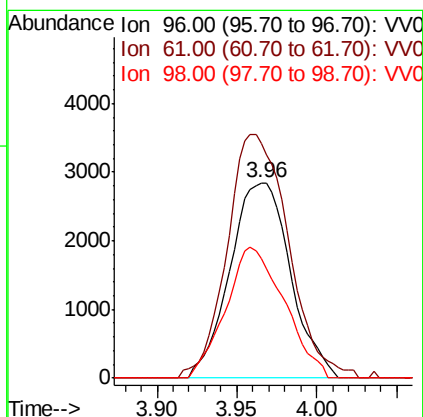
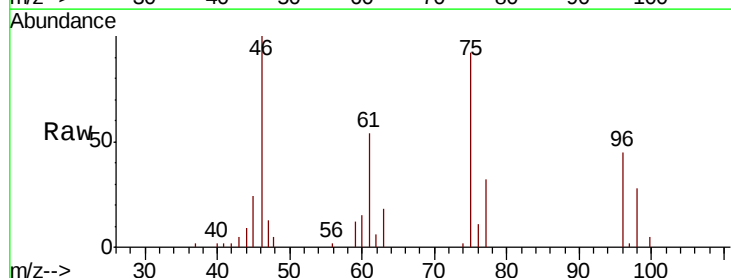
Instrument :
MSVOA_V
ClientSampled :
C0JH5

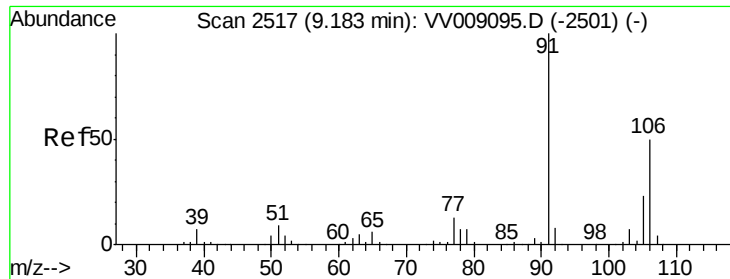
Tgt Ion: 84 Resp: 5942
Ion Ratio Lower Upper
84 100
49 114.3 80.5 149.5
86 64.0 45.5 84.5



#22
cis-1,2-Dichloroethene
Concen: 2.291 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009107.D
Acq: 21 Dec 2018 02:19

Tgt Ion: 96 Resp: 7375
Ion Ratio Lower Upper
96 100
61 120.6 86.2 160.0
98 61.4 45.6 84.6





#54

m,p-Xylene

Concen: 0.453 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV009107.D

Acq: 21 Dec 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

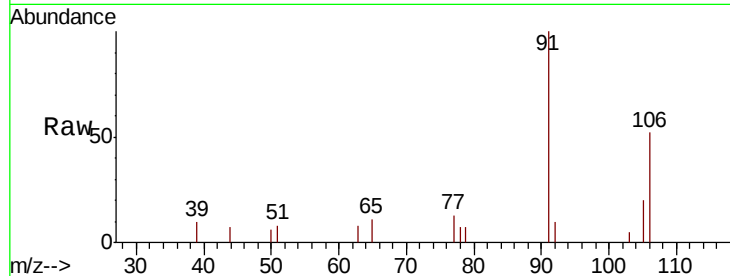
C0JH5

Tgt Ion:106 Resp: 2287

Ion Ratio Lower Upper

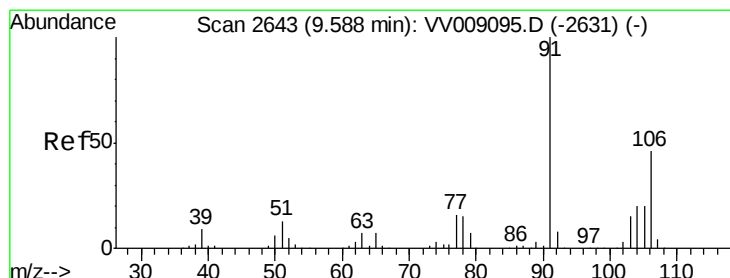
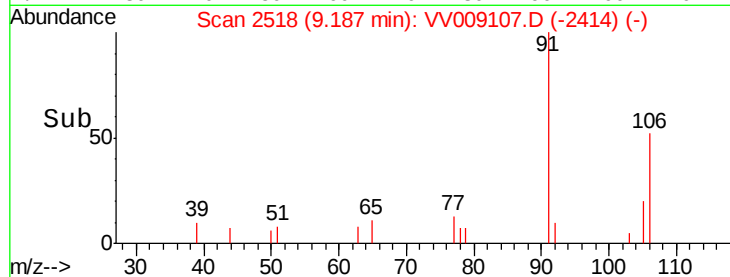
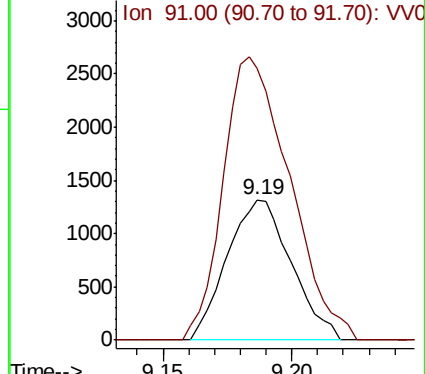
106 100

91 193.8 141.3 262.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 0.778 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV009107.D

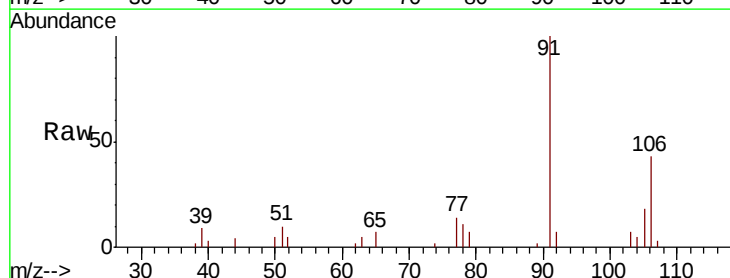
Acq: 21 Dec 2018 02:19

Tgt Ion:106 Resp: 3646

Ion Ratio Lower Upper

106 100

91 234.2 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

