

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071519\
 Data File : VV011885.D
 Acq On : 15 Jul 2019 14:06
 Operator : SY/MD
 Sample : K3772-17
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52S2

Quant Time: Jul 16 04:54:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 16 03:56:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	188352	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56421	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	48056	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	58811	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	3.94	46	123200	41.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.94%
24) Chloroform-d	4.40	84	97946	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.08	65	52482	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
32) Benzene-d6	5.10	84	209235	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.12	67	66265	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	191045	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.67	79	21251	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	89338	42.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35795	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	70964	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

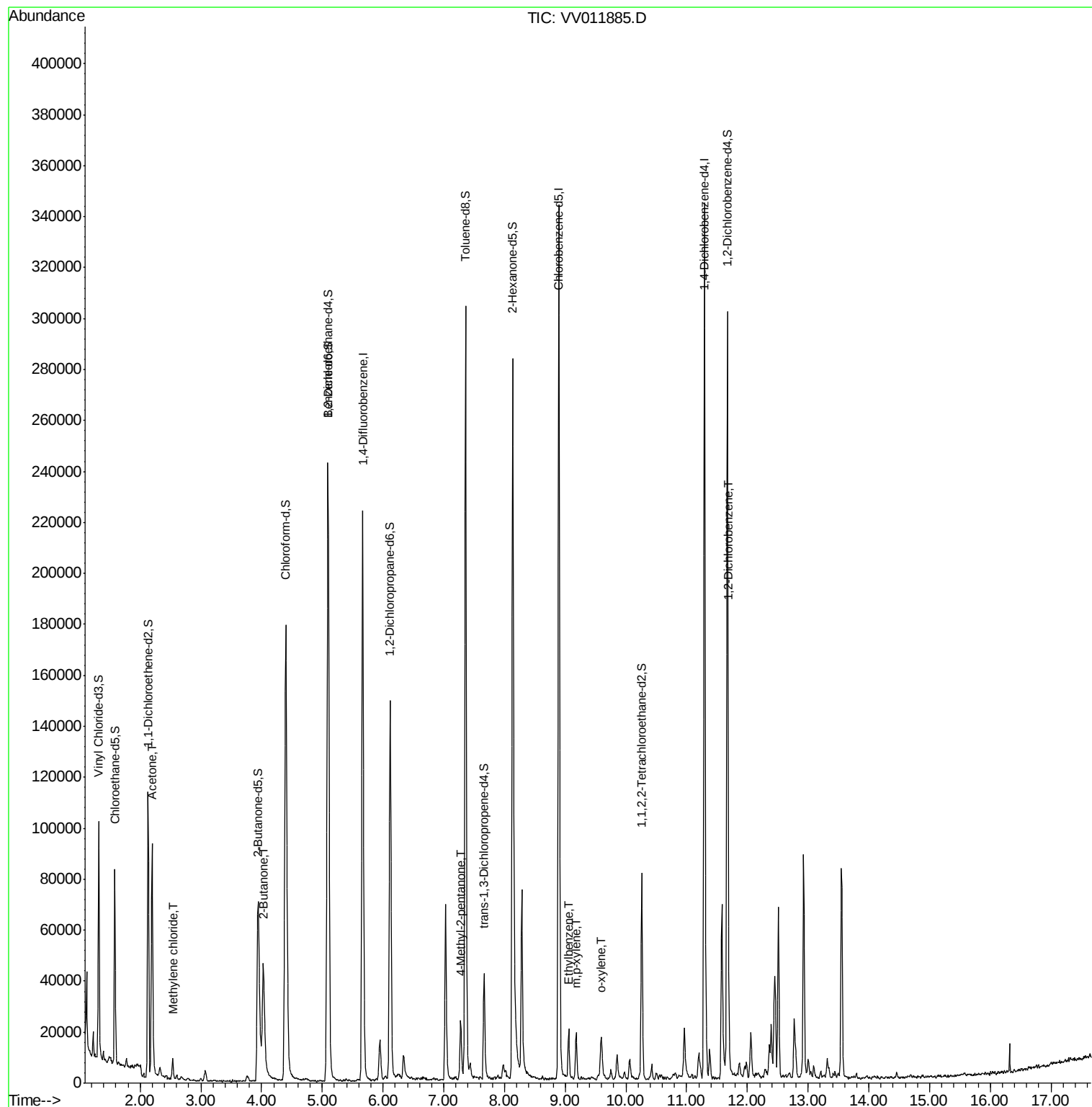
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	106711	58.588	ug/L	95
16) Methylene chloride	2.53	84	3011	0.282	ug/L	85
21) 2-Butanone	4.03	43	73582	22.270	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	16941	2.109	ug/L #	87
52) Ethylbenzene	9.06	91	12525	0.200	ug/L	99
53) m,p-xylene	9.18	106	4649	0.201	ug/L	95
54) o-xylene	9.59	106	3424	0.155	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	4749	0.190	ug/L	90

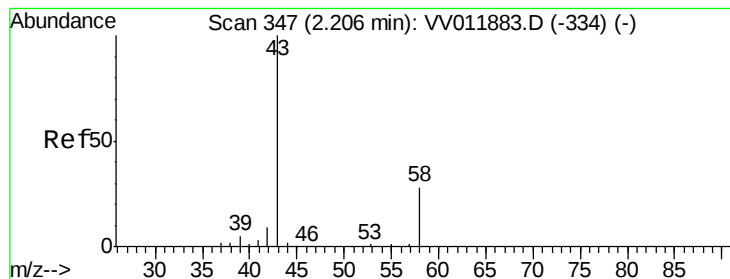
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 03:56:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 58.588 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

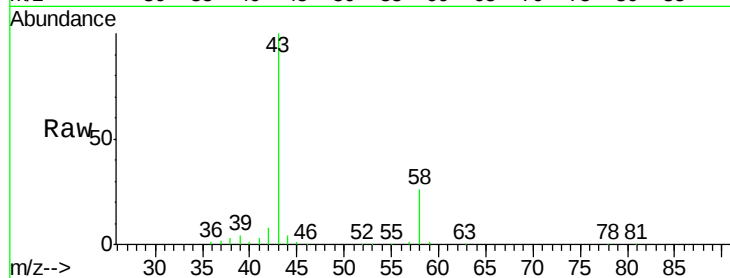
A52S2

Tot Ion: 43 Resp: 106711

Ion Ratio Lower Upper

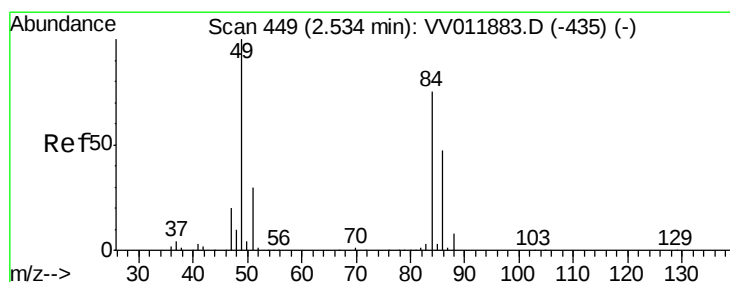
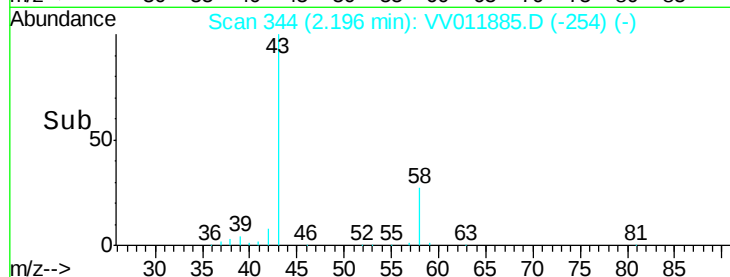
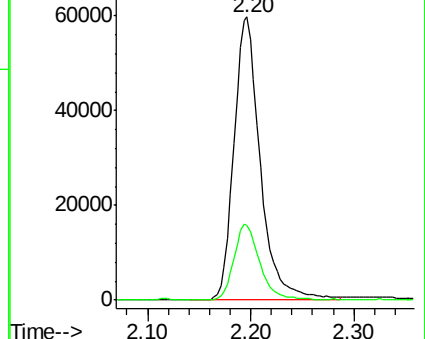
43 100

58 26.3 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.282 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

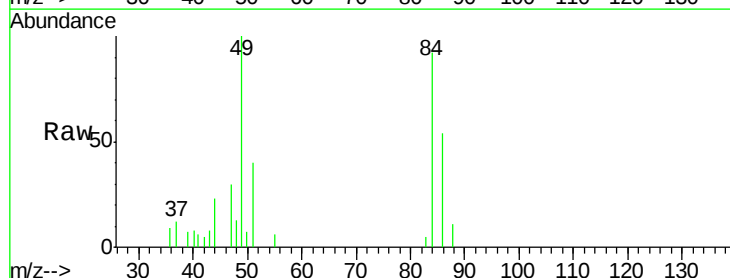
Tgt Ion: 84 Resp: 3011

Ion Ratio Lower Upper

84 100

86 58.9 43.9 81.5

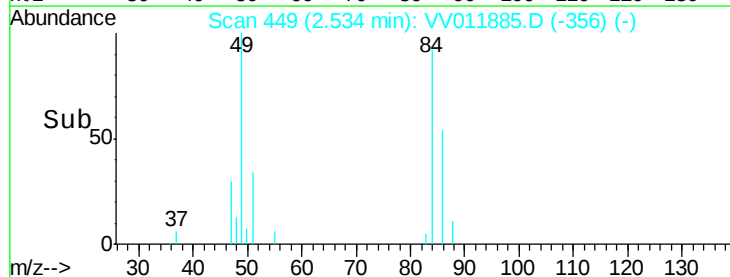
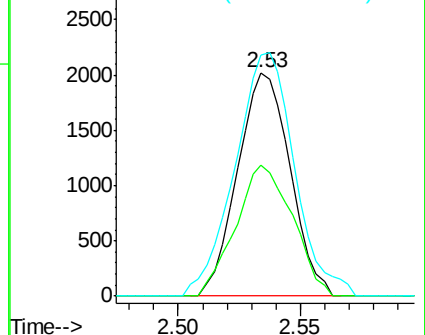
49 108.2 92.6 172.0

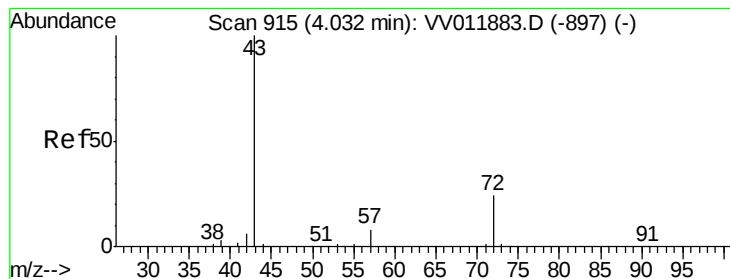


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#21

2-Butanone

Concen: 22.270 ug/L

RT: 4.03 min Scan# 914

Delta R.T. -0.00 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

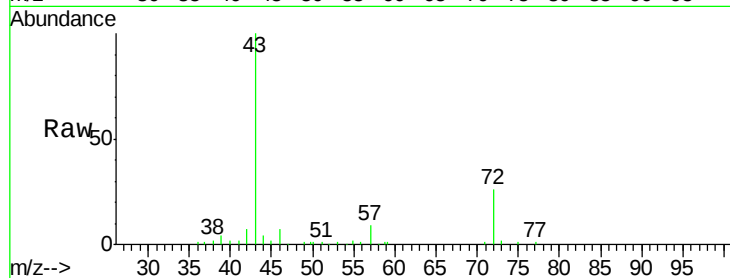
A52S2

Tot Ion: 43 Resp: 73582

Ion Ratio Lower Upper

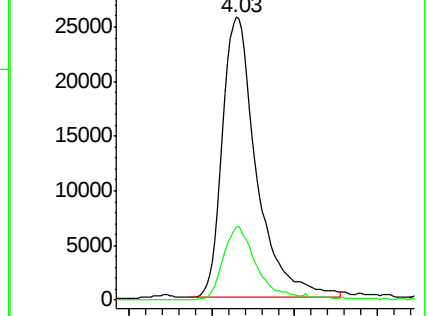
43 100

72 25.6 12.2 36.4

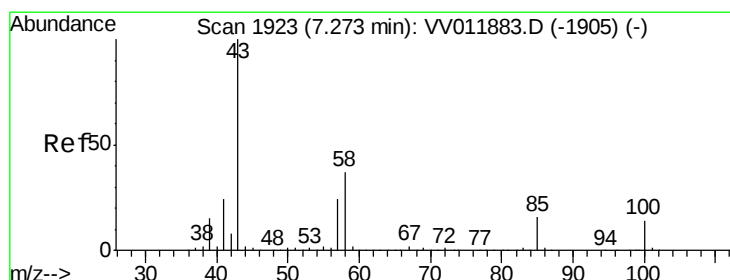
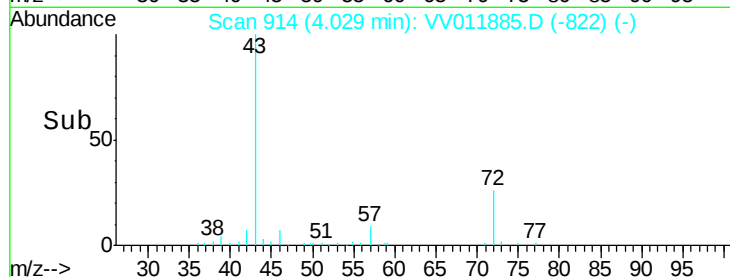


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



Time-->



#40

4-Methyl-2-pentanone

Concen: 2.109 ug/L

RT: 7.28 min Scan# 1925

Delta R.T. 0.01 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

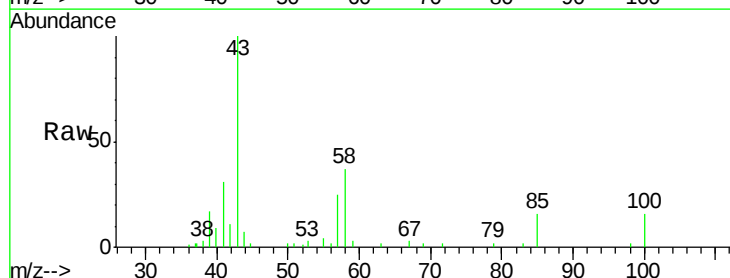
Tgt Ion: 43 Resp: 16941

Ion Ratio Lower Upper

43 100

58 33.4 29.1 43.7

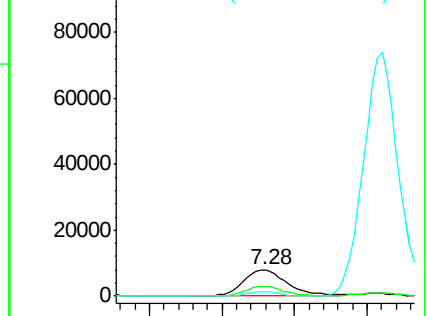
100 0.0 11.2 16.8#



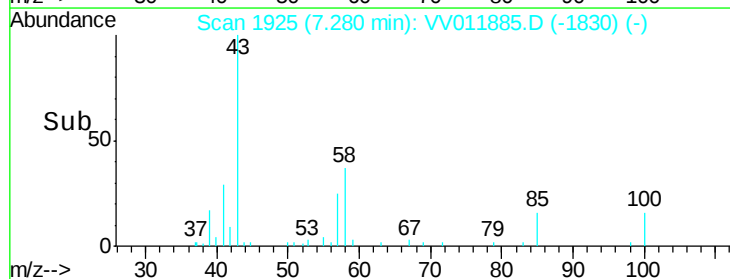
Abundance Ion 43.05 (42.75 to 43.75): VV0

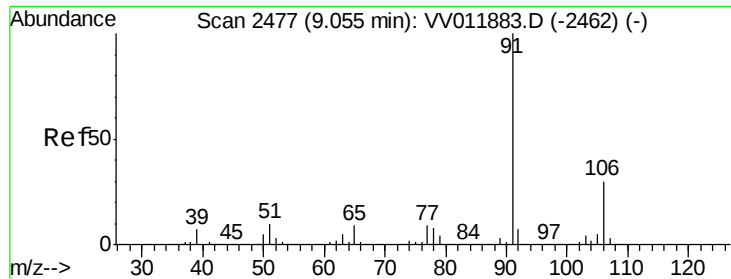
Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0



Time-->





#52

Ethylbenzene

Concen: 0.200 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

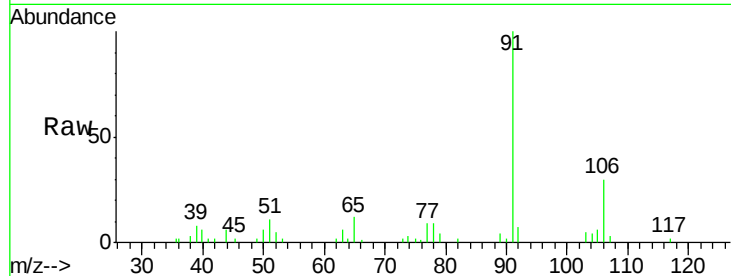
A52S2

Tot Ion: 91 Resp: 12525

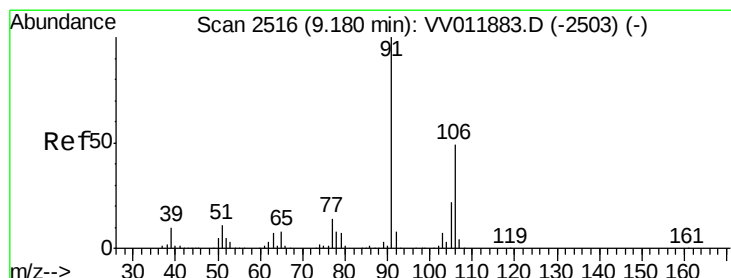
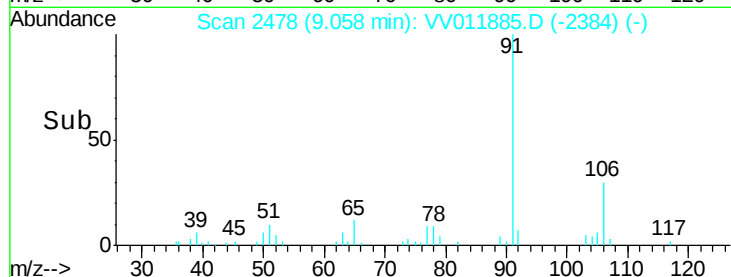
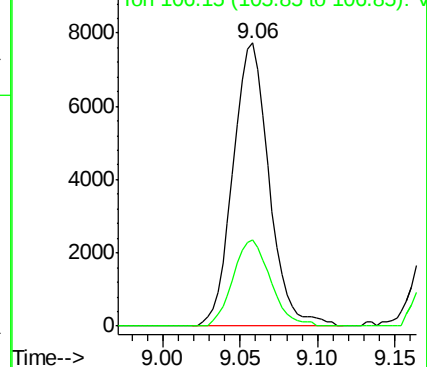
Ion Ratio Lower Upper

91 100

106 30.4 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VV011885.D (-2462) (-)



#53

m,p-xylene

Concen: 0.201 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV011885.D

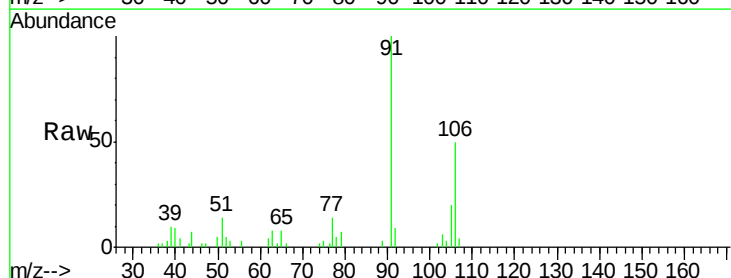
Acq: 15 Jul 2019 14:06

Tgt Ion: 106 Resp: 4649

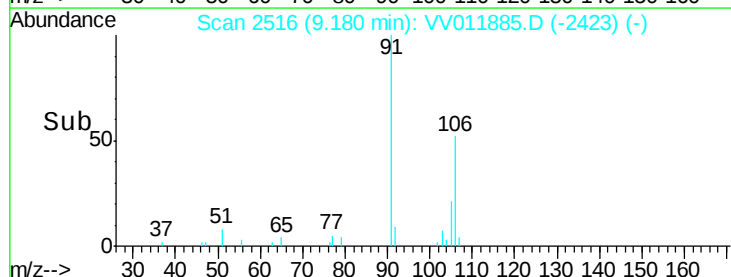
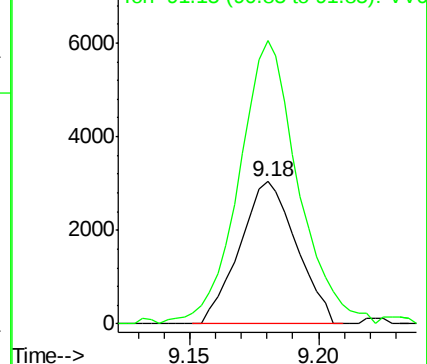
Ion Ratio Lower Upper

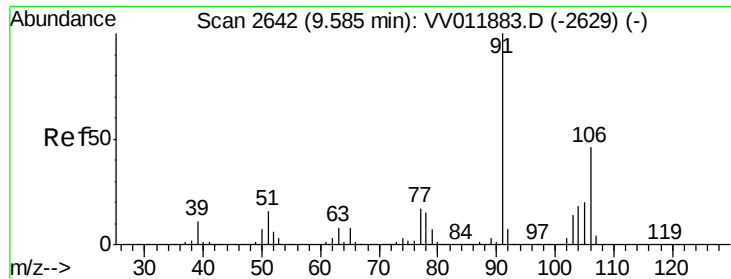
106 100

91 199.3 145.0 269.2



Abundance Ion 106.15 (105.85 to 106.85): VV011885.D (-2503) (-)





#54

o-xylene

Concen: 0.155 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.01 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

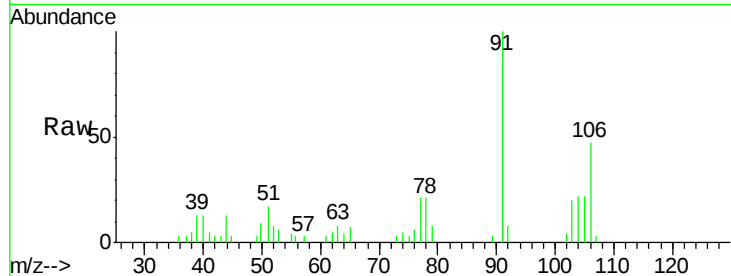
A52S2

Tot Ion:106 Resp: 3424

Ion Ratio Lower Upper

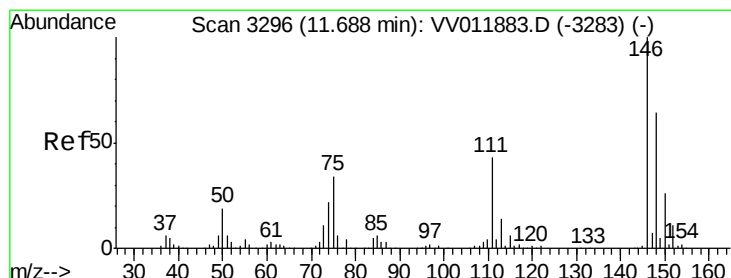
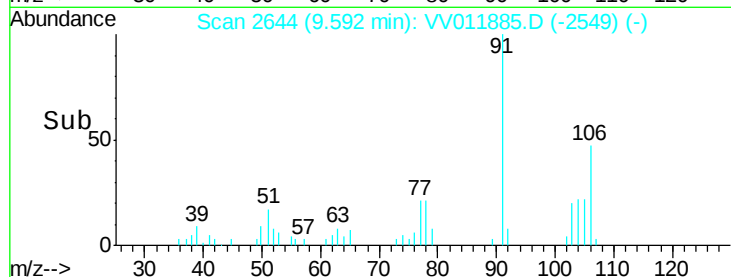
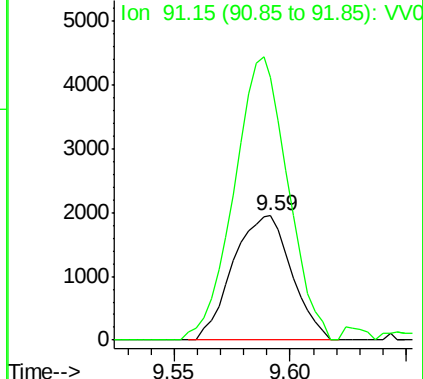
106 100

91 210.7 152.9 283.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#65

1,2-Dichlorobenzene

Concen: 0.190 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV011885.D

Acq: 15 Jul 2019 14:06

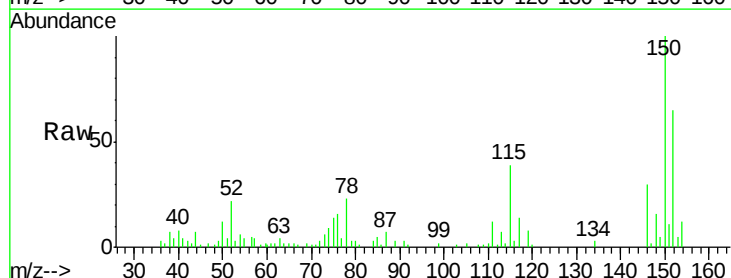
Tgt Ion:146 Resp: 4749

Ion Ratio Lower Upper

146 100

111 39.5 34.7 52.1

148 54.5 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

