

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007275.D
 Acq On : 30 Aug 2018 21:40
 Operator : SY/MD
 Sample : J4633-05MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3J8MS

Quant Time: Aug 31 02:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	272458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76941	3.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.40%
7) Chloroethane-d5	1.58	69	72307	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.13	63	151602	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.97	46	221635	47.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.41	84	180673	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.09	65	89155	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	340598	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.12	67	116098	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.37	98	254369	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.40%#
43) trans-1,3-Dichloropropene-	7.67	79	35375	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.14	63	133820	41.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87345	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	98860	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

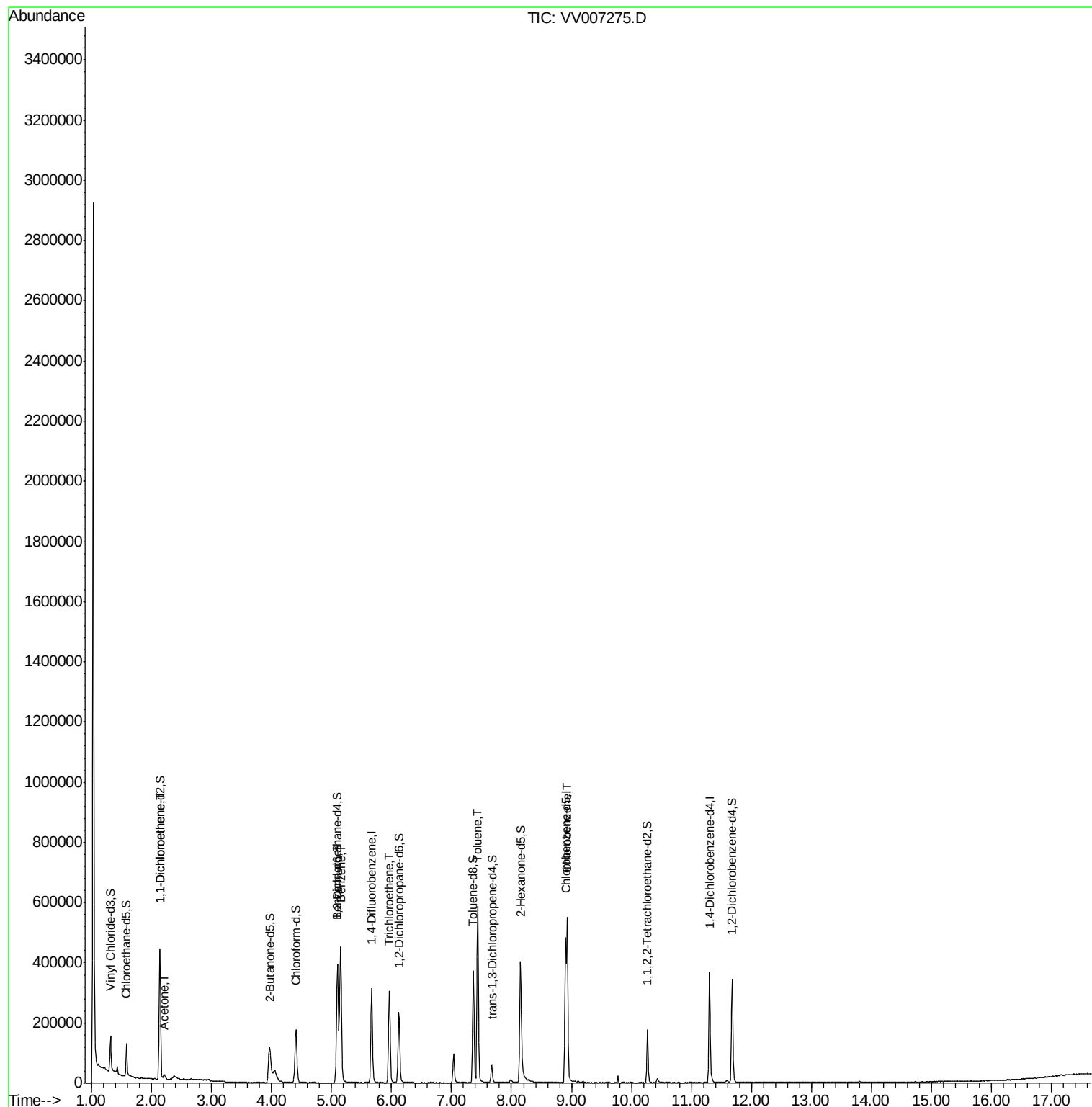
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	97387	5.18	ug/L 94
13) Acetone	2.21	43	16710	6.52	ug/L 100
33) Benzene	5.15	78	461790	5.19	ug/L 100
34) Trichloroethene	5.96	95	108908	4.98	ug/L 99
42) Toluene	7.44	91	431028	4.85	ug/L 100
51) Chlorobenzene	8.93	112	293791	5.06	ug/L 99

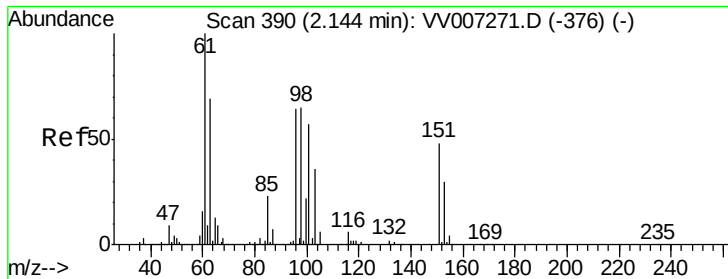
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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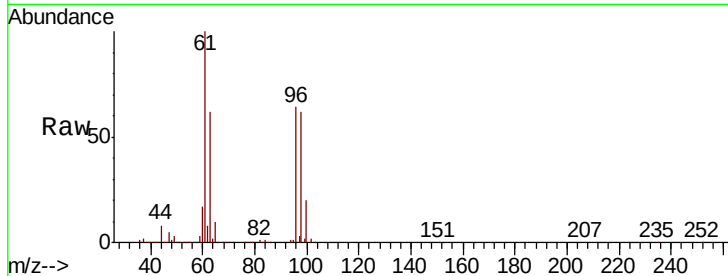




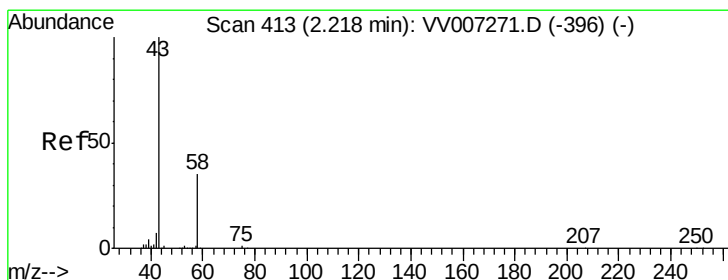
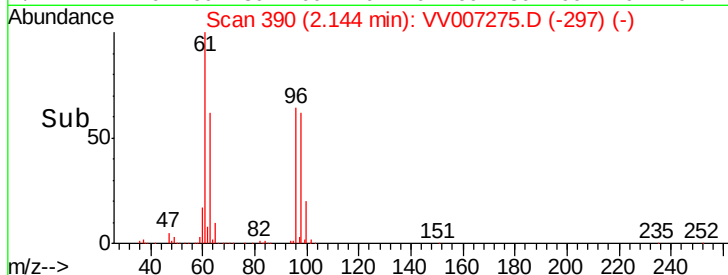
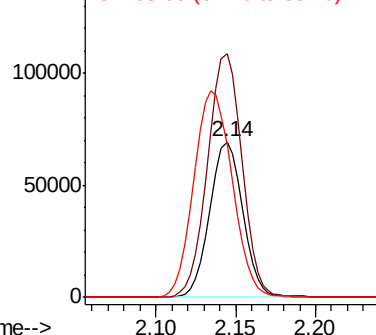
#12
 1,1-Dichloroethene
 Concen: 5.18 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007275.D
 Acq: 30 Aug 2018 21:40

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3J8MS

Tot Ion	96	Resp	97387
Ion	Ratio	Lower	Upper
96	100		
61	156.5	108.8	202.0
63	97.8	78.0	144.9

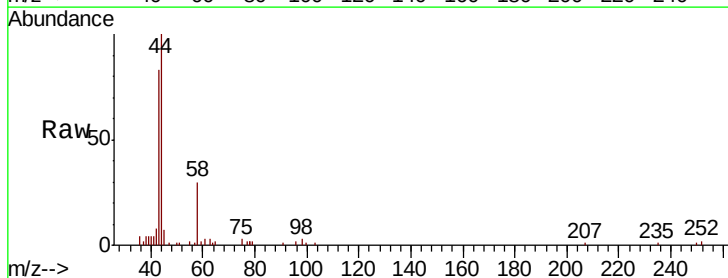


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 63.00 (62.70 to 63.70): VV0

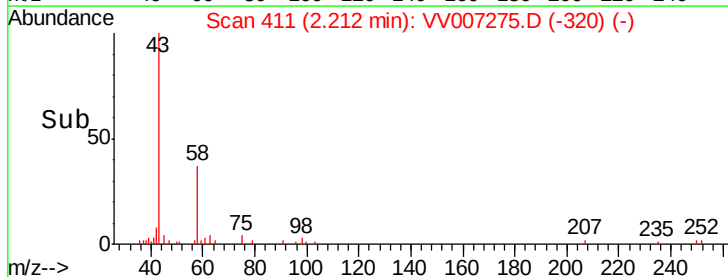
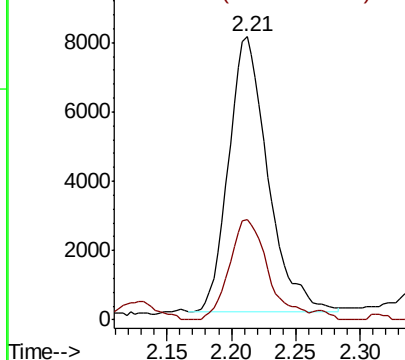


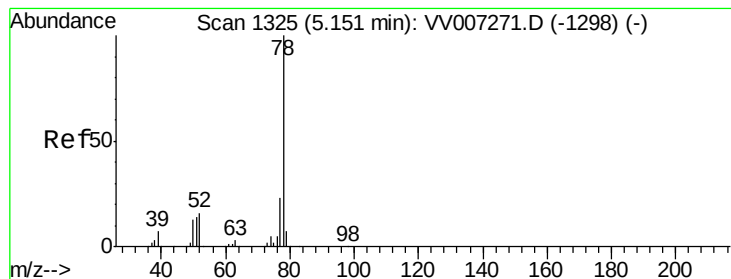
#13
 Acetone
 Concen: 6.52 ug/L
 RT: 2.21 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VV007275.D
 Acq: 30 Aug 2018 21:40

Tgt Ion	43	Resp	16710
Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	71.8



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0





#33

Benzene

Concen: 5.19 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

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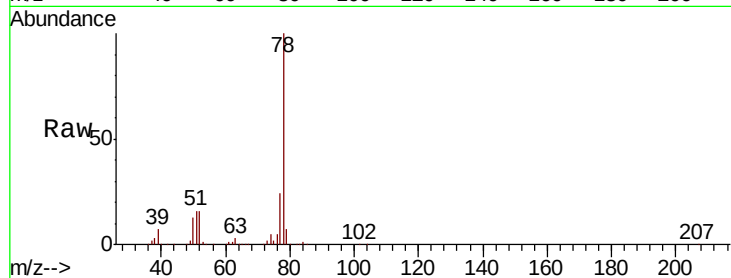
Instrument :

MSVOA_V

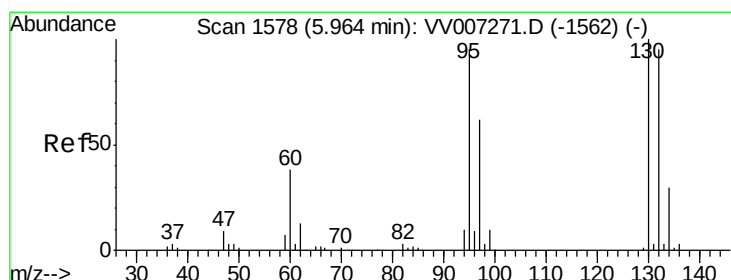
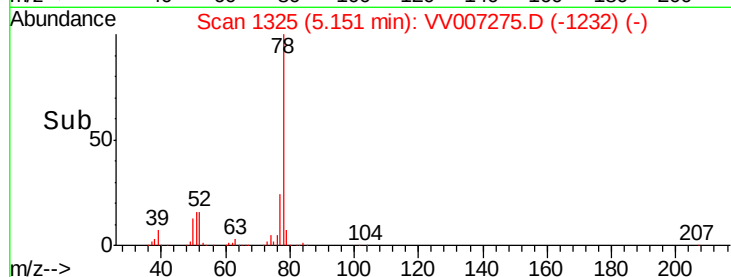
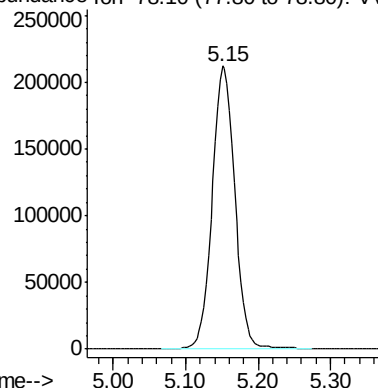
ClientSampleId :

DB3J8MS

Tgt Ion: 78 Resp: 461790



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.98 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007275.D

Acq: 30 Aug 2018 21:40

Tgt Ion: 95 Resp: 108908

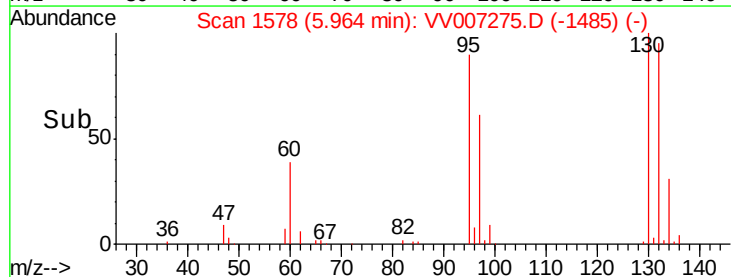
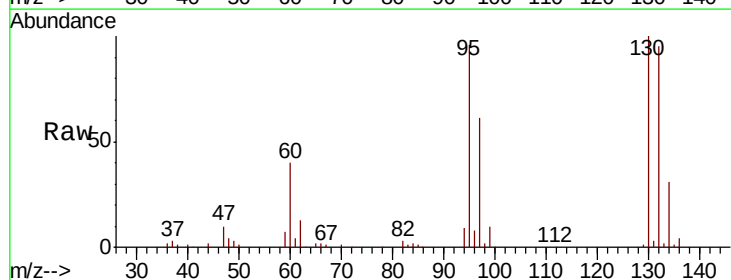
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.2	82.2
132	98.9	70.9	131.7
130	103.7	72.7	135.1

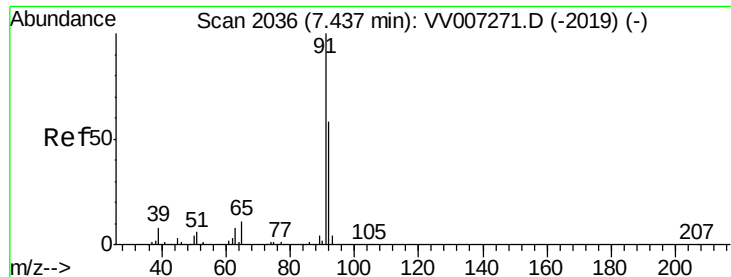
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 4.85 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007275.D

Acq: 30 Aug 2018 21:40

Instrument :

MSVOA_V

ClientSampleId :

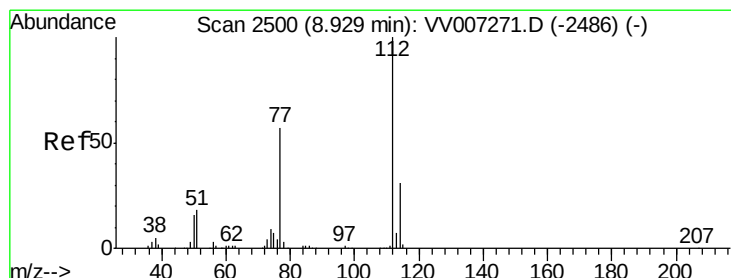
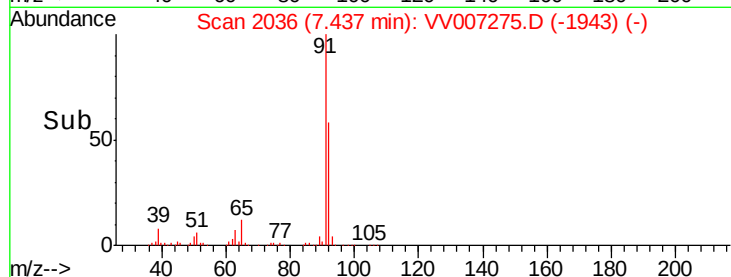
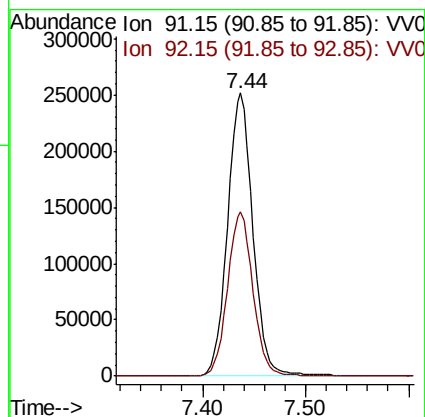
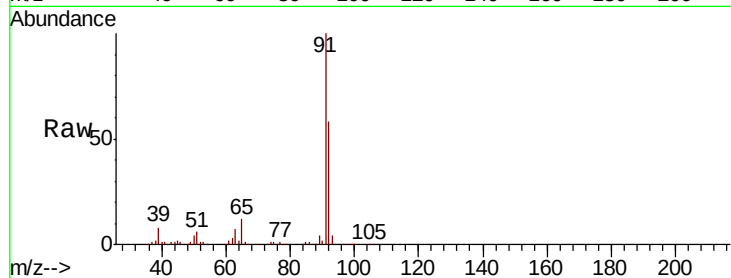
DB3J8MS

Tot Ion: 91 Resp: 431028

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.7



#51

Chlorobenzene

Concen: 5.06 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VV007275.D

Acq: 30 Aug 2018 21:40

Tgt Ion: 112 Resp: 293791

Ion Ratio Lower Upper

112 100

114 31.1 22.7 42.3

77 58.6 46.7 70.1

