

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091818\
 Data File : VU026867.D
 Acq On : 18 Sep 2018 17:10
 Operator : MD/SY
 Sample : J4896-17 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P3

Quant Time: Sep 19 07:29:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 05:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	240493	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99406	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71919	40.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.86%
7) Chloroethane-d5	1.68	69	66464	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.27	63	110305	32.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.54%
21) 2-Butanone-d5	4.18	46	129837	109.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.98%
24) Chloroform-d	4.65	84	149808	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	99997	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.34	84	307438	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.33	67	101394	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.57	98	260080	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.85	79	41391	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.31	63	89694	111.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	138902	48.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	107457	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

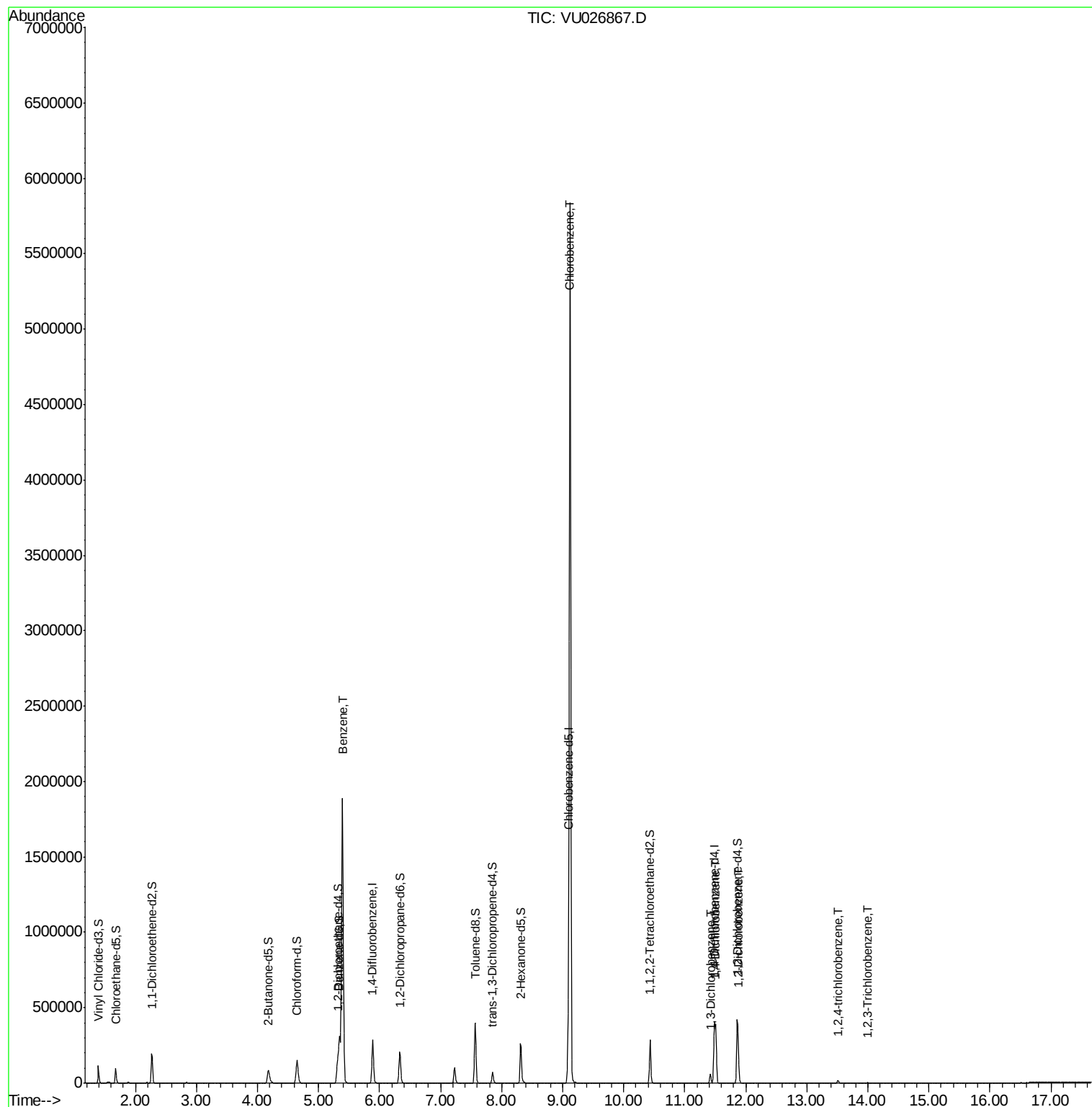
					Ovalue
33) Benzene	5.39	78	1830005	259.955	ug/L 100
51) Chlorobenzene	9.12	112	3068603	634.814	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	26054	8.598	ug/L 99
63) 1,4-Dichlorobenzene	11.51	146	146532	43.914	ug/L 97
65) 1,2-Dichlorobenzene	11.88	146	47937	14.286	ug/L 100
68) 1,2,4-trichlorobenzene	13.51	180	6540	3.236	ug/L 94
70) 1,2,3-Trichlorobenzene	14.00	180	1560	0.701	ug/L # 91

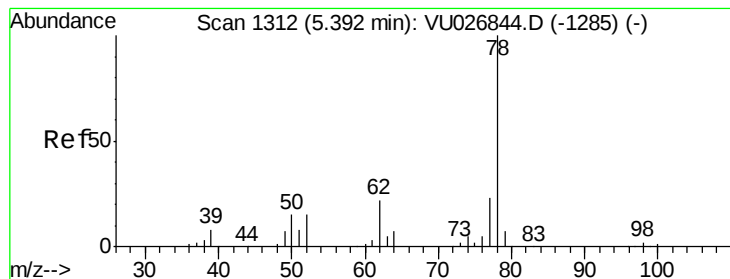
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 259.955 ug/L

RT: 5.39 min Scan# 1312

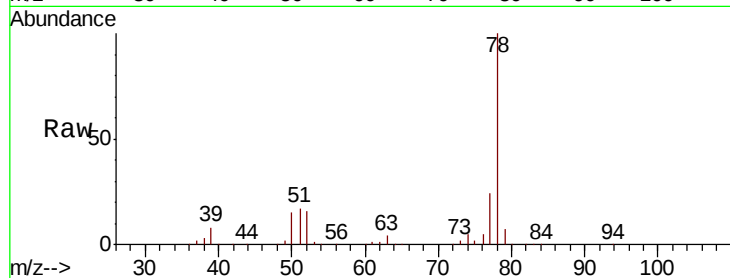
Delta R.T. 0.00 min

Lab File: VU026867.D

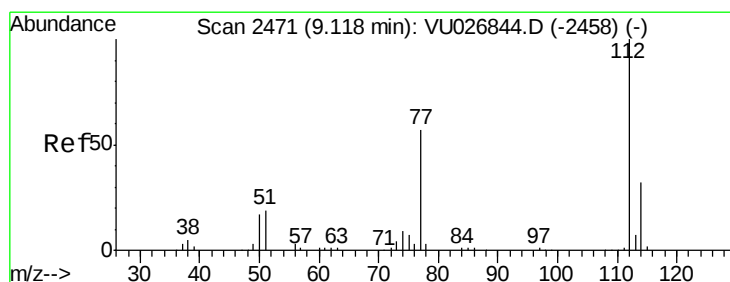
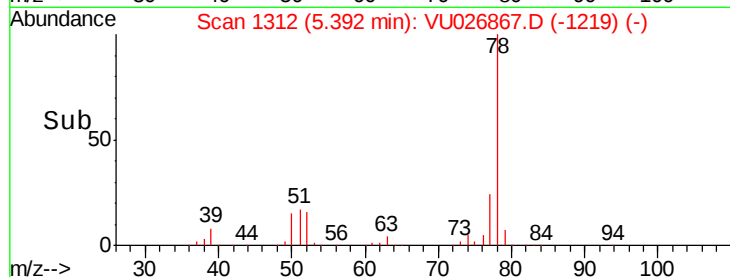
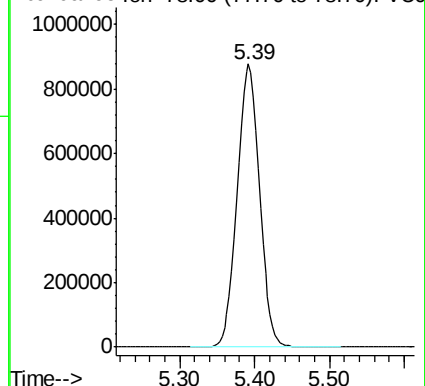
Acq: 18 Sep 2018 17:10

Instrument :
MSVOA_U
ClientSampleId :
C08P3

Tgt Ion: 78 Resp: 1830005



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 634.814 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026867.D

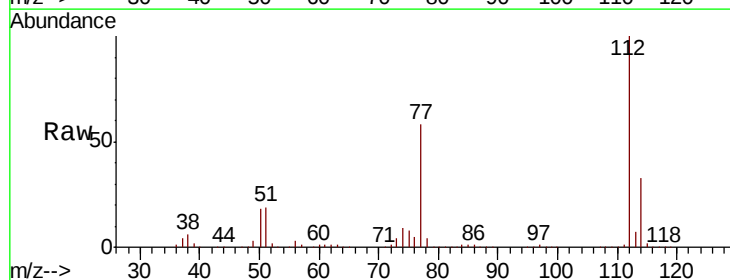
Acq: 18 Sep 2018 17:10

Tgt Ion: 112 Resp: 3068603

Ion	Ratio	Lower	Upper
112	100		

114	32.6	22.3	41.5
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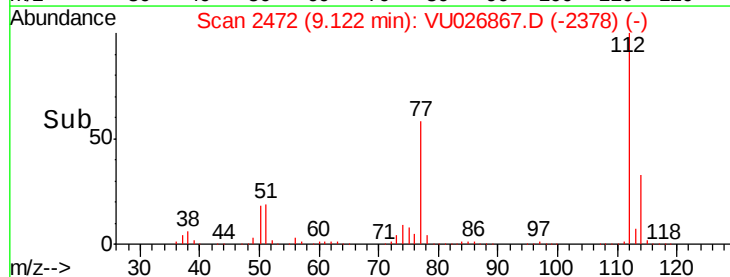
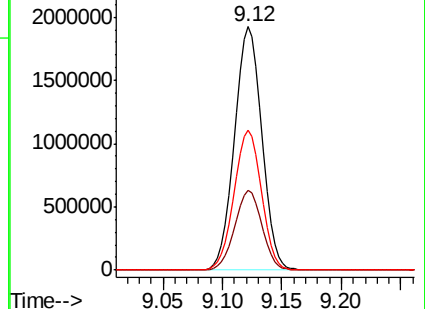
77	57.5	45.1	67.7
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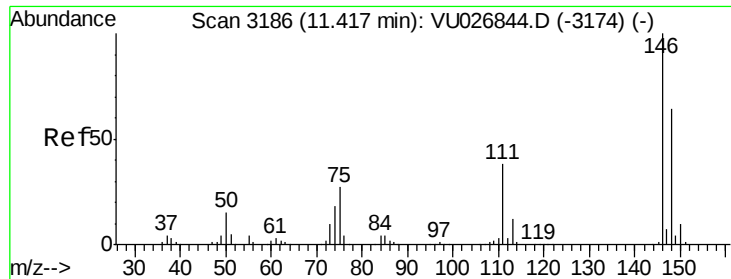


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

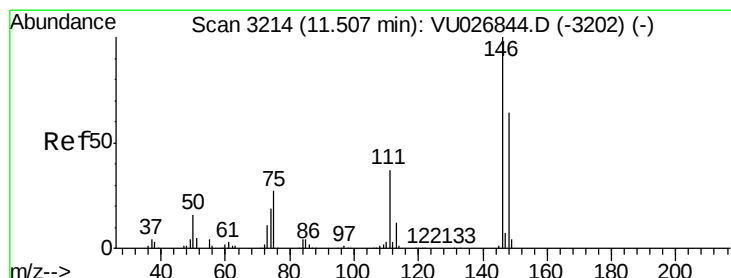
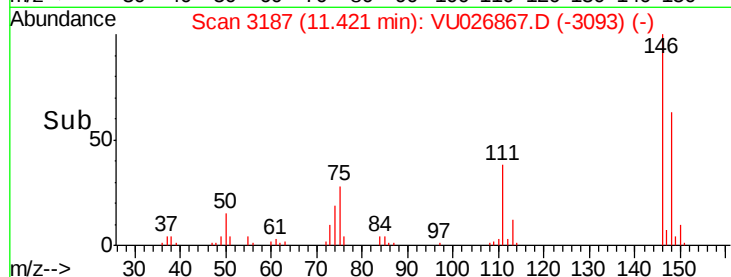
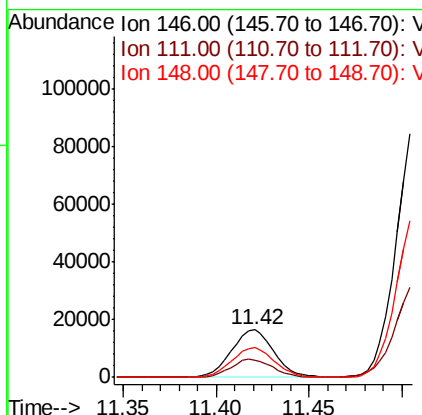
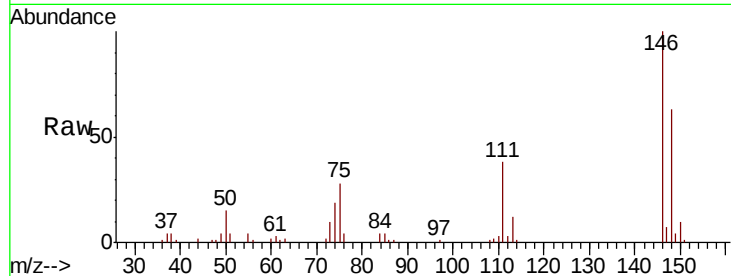




#62
 1,3-Dichlorobenzene
 Concen: 8.598 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU026867.D
 Acq: 18 Sep 2018 17:10

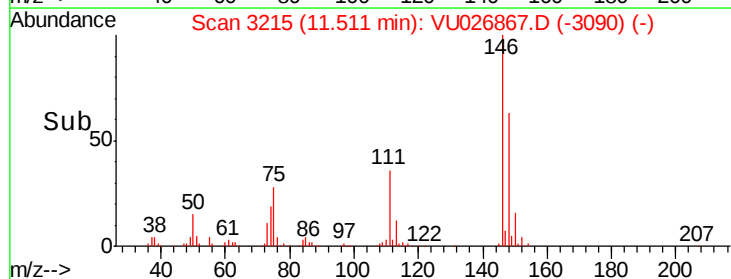
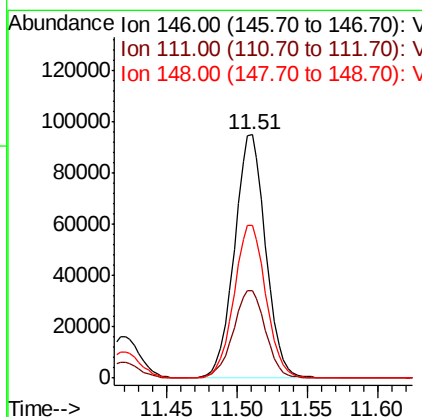
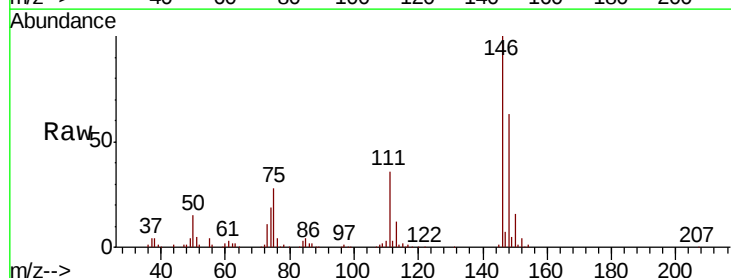
Instrument :
 MSVOA_U
 ClientSampled :
 C08P3

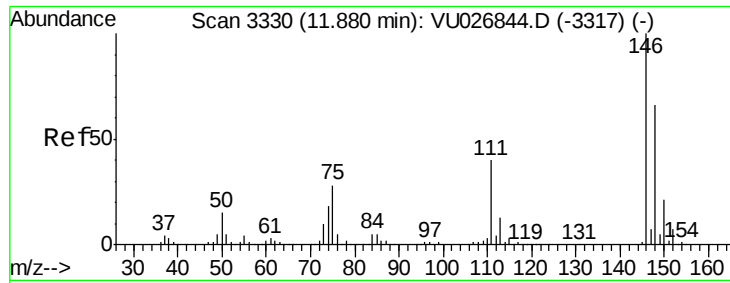
Tot Ion:146 Resp: 26054
 Ion Ratio Lower Upper
 146 100
 111 37.5 26.7 49.7
 148 63.1 44.9 83.5



#63
 1,4-Dichlorobenzene
 Concen: 43.914 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026867.D
 Acq: 18 Sep 2018 17:10

Tgt Ion:146 Resp: 146532
 Ion Ratio Lower Upper
 146 100
 111 36.0 26.0 48.2
 148 62.9 45.8 85.2





#65

1,2-Dichlorobenzene

Concen: 14.286 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026867.D

Acq: 18 Sep 2018 17:10

Instrument :

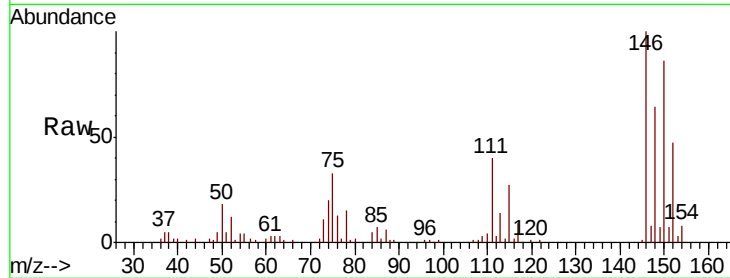
MSVOA_U

ClientSampleId :

C08P3

Tot Ion:146 Resp: 47937

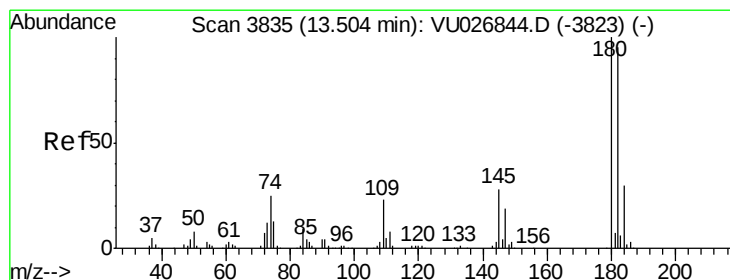
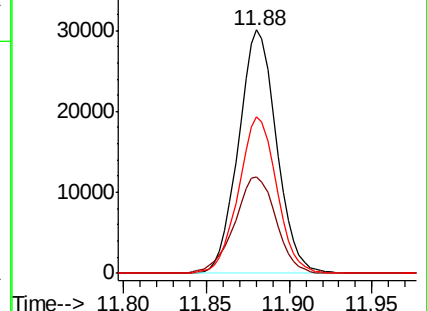
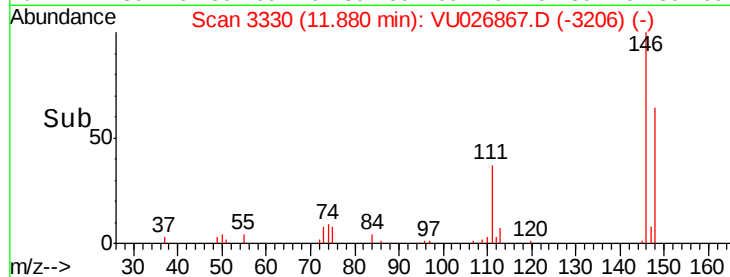
Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.4	47.0
148	64.5	51.4	77.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 3.236 ug/L

RT: 13.51 min Scan# 3836

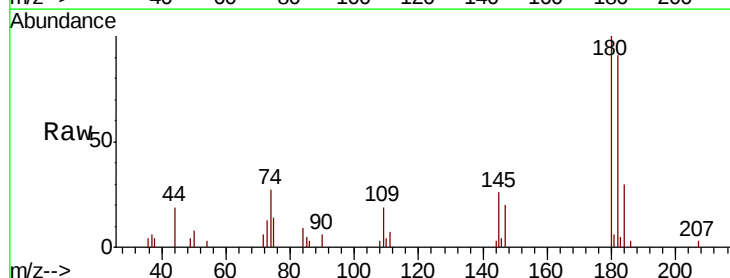
Delta R.T. 0.00 min

Lab File: VU026867.D

Acq: 18 Sep 2018 17:10

Tgt Ion:180 Resp: 6540

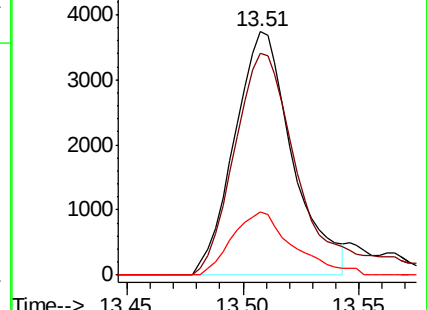
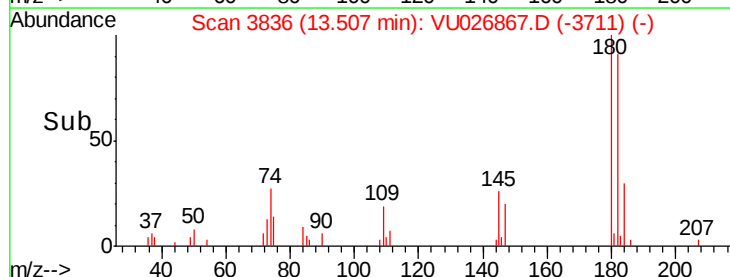
Ion	Ratio	Lower	Upper
180	100		
182	102.8	76.8	115.2
145	26.5	22.2	33.2

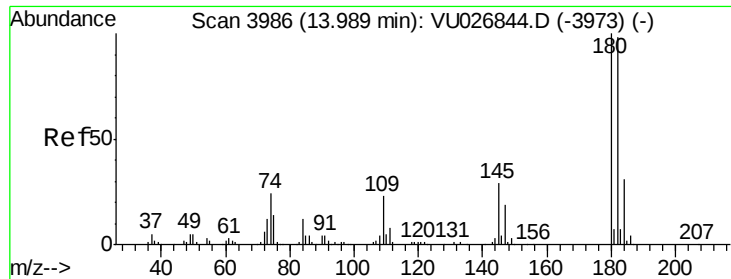


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.701 ug/L
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU026867.D
 Acq: 18 Sep 2018 17:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P3

Tot Ion:180 Resp: 1560
 Ion Ratio Lower Upper
 180 100
 182 98.6 75.6 113.4
 145 15.7 23.8 35.6#

