

Data File : VU026948.D
Acq On : 20 Sep 2018 21:10
Operator : MD/SY
Sample : J5012-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L3

Quant Time: Sep 21 06:03:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	448544	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	397123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	355	0.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	0.22%#
7) Chloroethane-d5	1.66	69	133	0.05	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.10%#
11) 1,1-Dichloroethene-d2	2.27	63	555	0.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.18%#
21) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	4.65	84	350	0.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.12%#
26) 1,2-Dichloroethane-d4	5.32	65	799	0.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.42%#
32) Benzene-d6	5.34	84	778	0.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.14%#
36) 1,2-Dichloropropane-d6	6.33	67	66	0.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.04%#
41) Toluene-d8	7.57	98	1816	0.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.36%#
43) trans-1,3-Dichloropropene-	7.86	79	63	0.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
47) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	400	0.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.16%#
64) 1,2-Dichlorobenzene-d4	11.48	152	163078	44.34	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%

Target Compounds

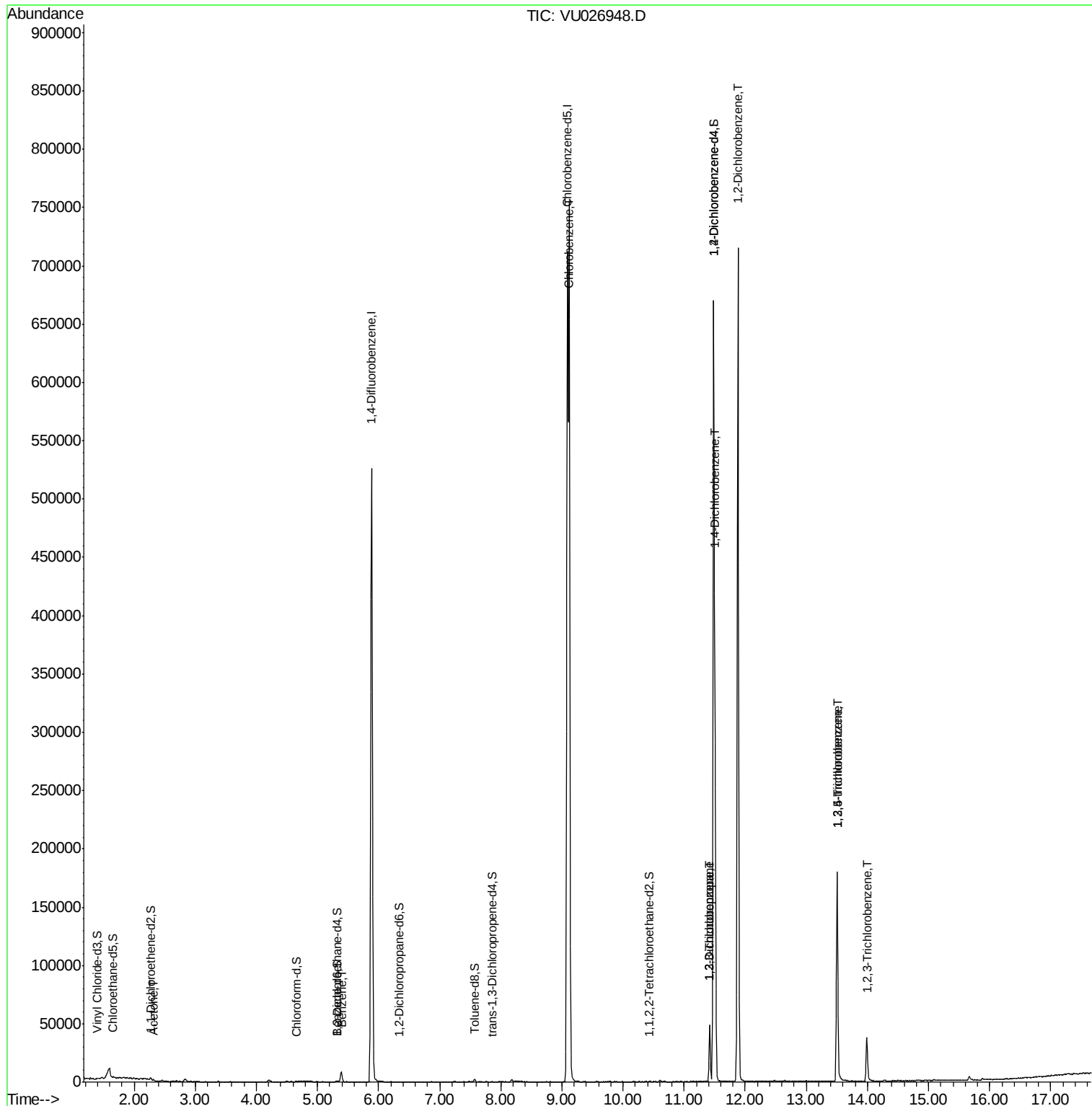
						Qvalue
13) Acetone	2.32	43	1135	0.524	ug/L	100
33) Benzene	5.39	78	8807	0.715	ug/L	100
51) Chlorobenzene	9.12	112	402478	47.606	ug/L	100
59) 1,2,3-Trichloropropane	11.42	75	5465	1.349	ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	21269	3.946	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	98780	16.643	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	301738	50.557	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	63730	15.279	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	63730	17.731	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	14667	3.706	ug/L	99

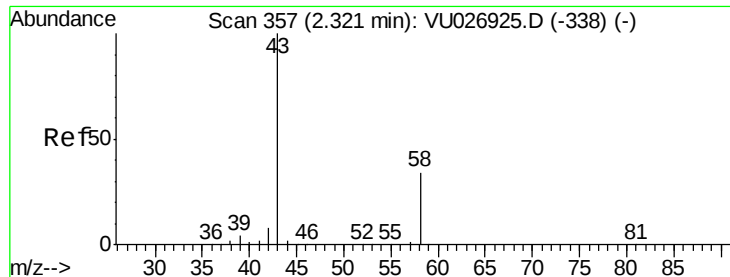
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.524 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

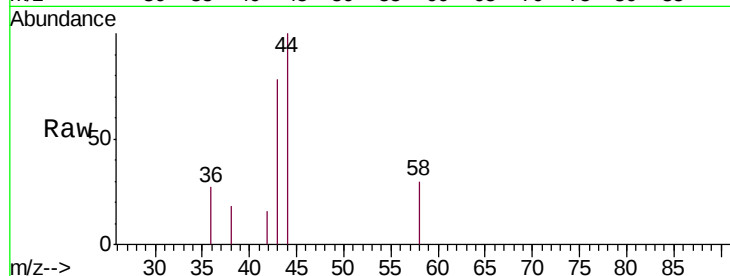
C08L3

Tgt Ion: 43 Resp: 1135

Ion Ratio Lower Upper

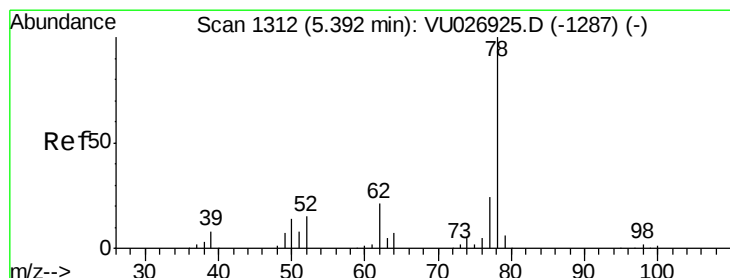
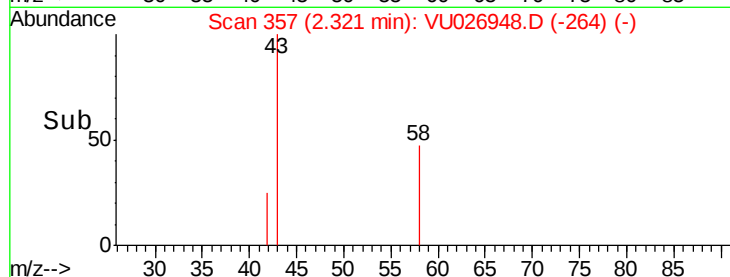
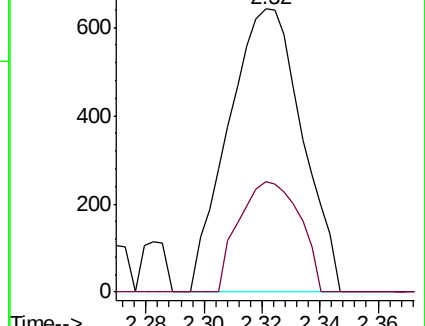
43 100

58 32.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 0.715 ug/L

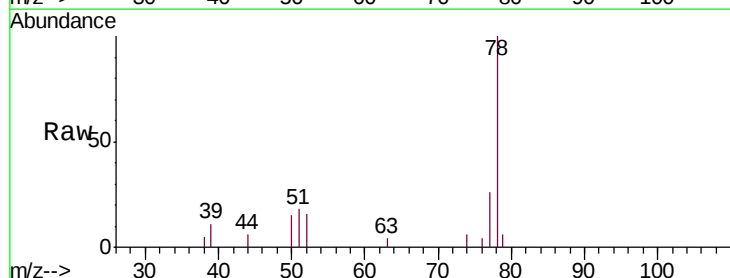
RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

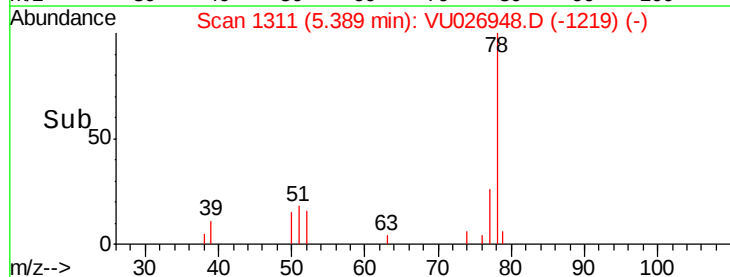
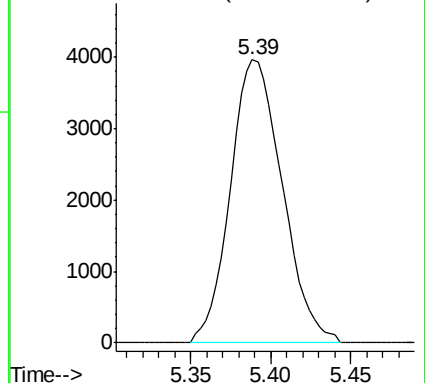
Lab File: VU026948.D

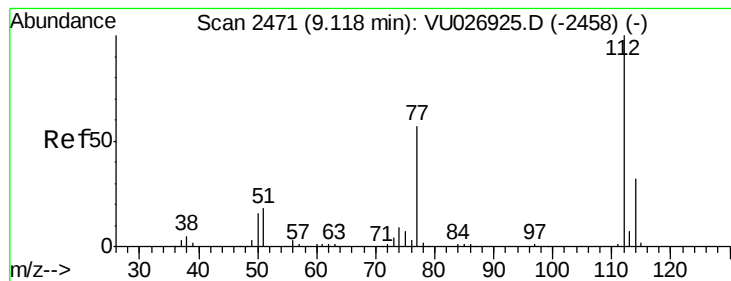
Acq: 20 Sep 2018 21:10

Tgt Ion: 78 Resp: 8807



Abundance Ion 78.00 (77.70 to 78.70): VU0





#51

Chlorobenzene

Concen: 47.606 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU026948.D

Acq: 20 Sep 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

C08L3

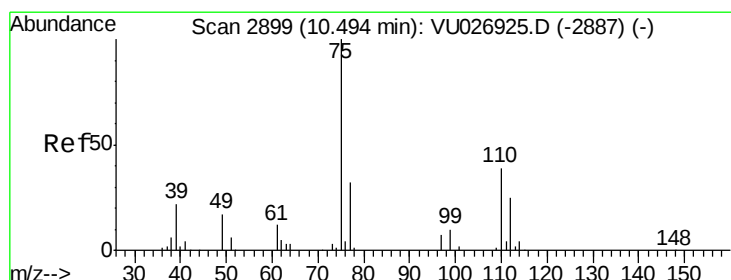
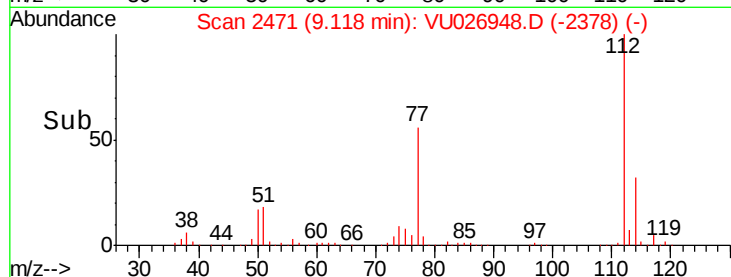
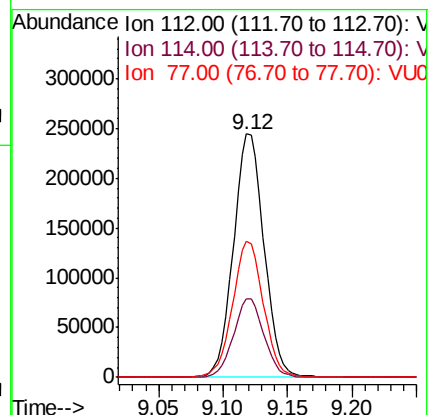
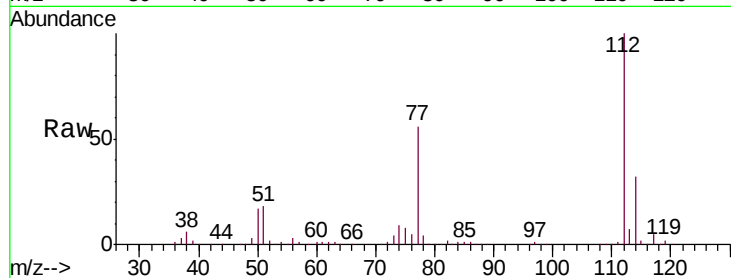
Tgt Ion: 112 Resp: 402478

Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 56.1 45.1 67.7



#59

1,2,3-Trichloropropane

Concen: 1.349 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.93 min

Lab File: VU026948.D

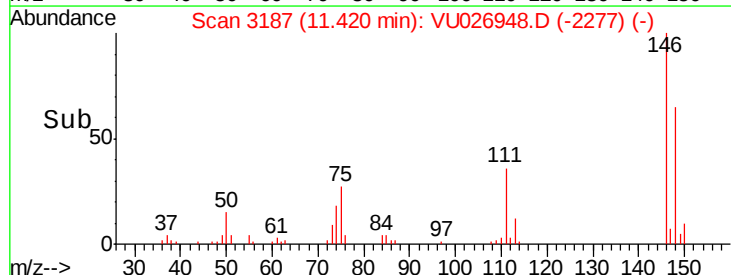
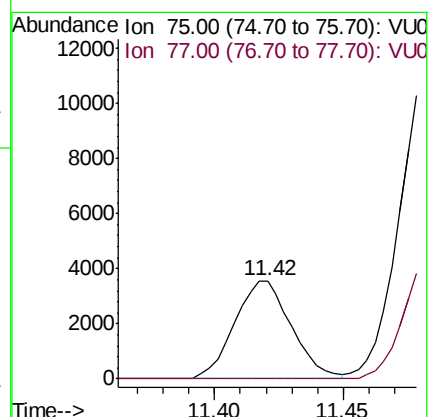
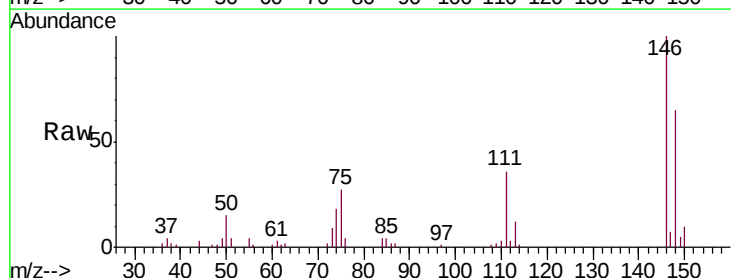
Acq: 20 Sep 2018 21:10

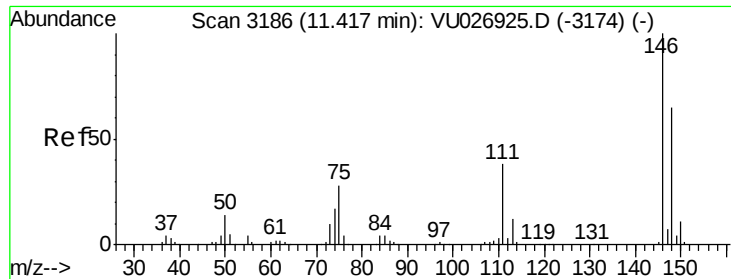
Tgt Ion: 75 Resp: 5465

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#





#62

1,3-Dichlorobenzene

Concen: 3.946 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU026948.D

Acq: 20 Sep 2018 21:10

Instrument :

MSVOA_U

ClientSampleId :

C08L3

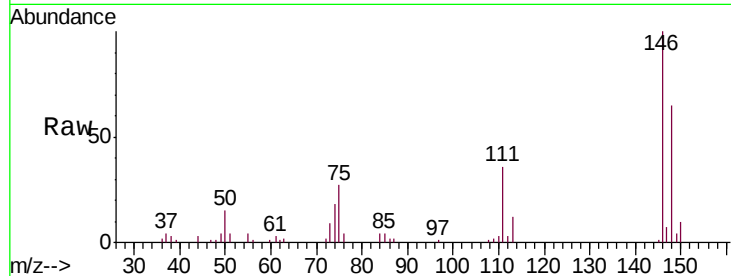
Tgt Ion:146 Resp: 21269

Ion Ratio Lower Upper

146 100

111 36.3 26.7 49.7

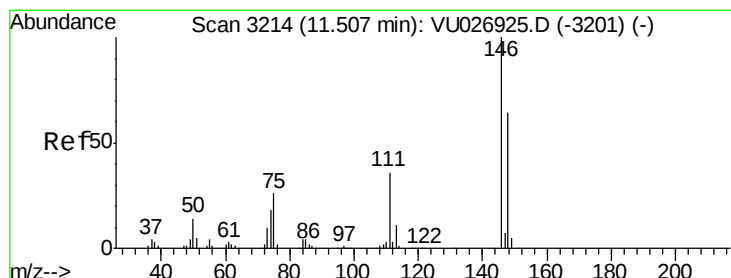
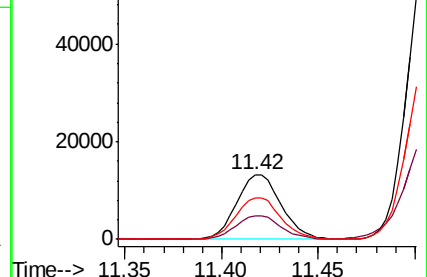
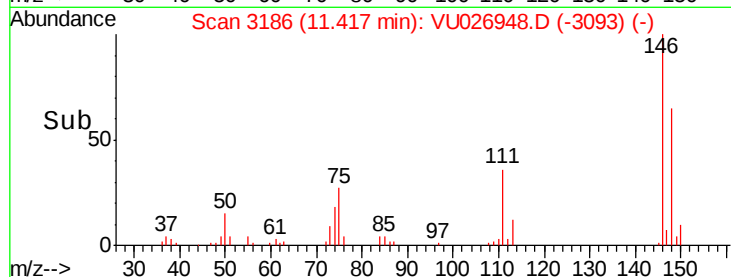
148 64.7 44.9 83.5



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



#63

1,4-Dichlorobenzene

Concen: 16.643 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU026948.D

Acq: 20 Sep 2018 21:10

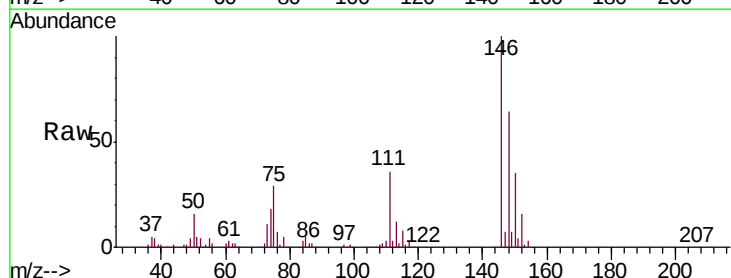
Tgt Ion:146 Resp: 98780

Ion Ratio Lower Upper

146 100

111 35.8 26.0 48.2

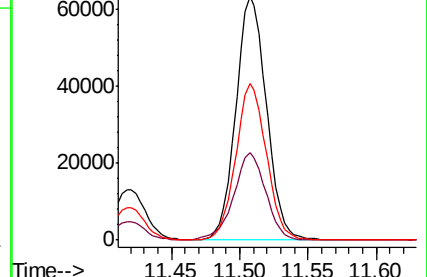
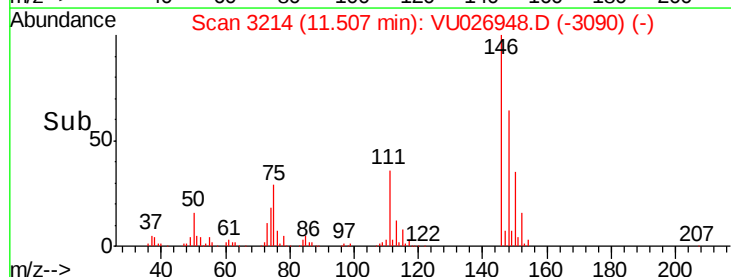
148 64.5 45.8 85.2

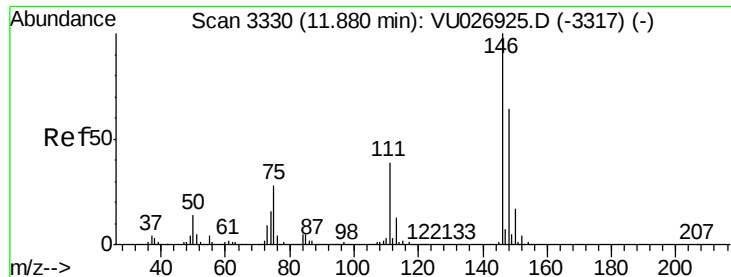


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

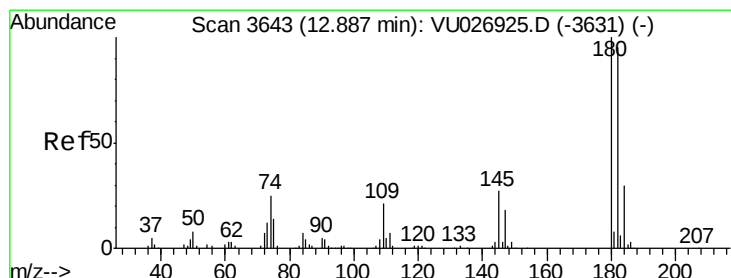
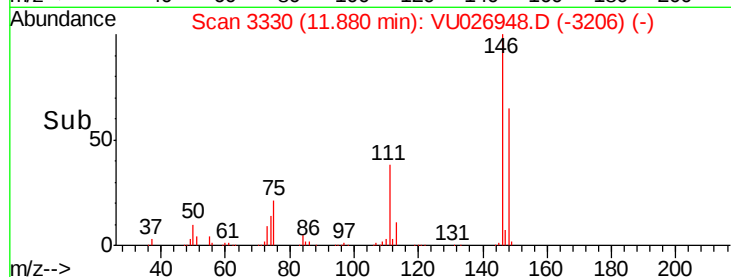
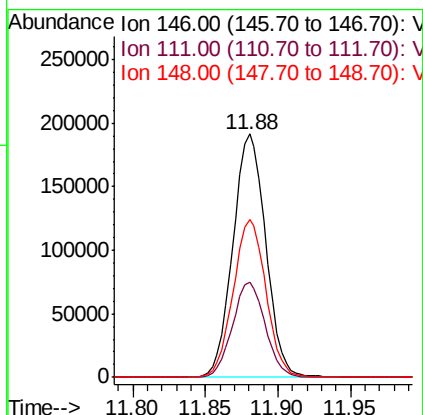
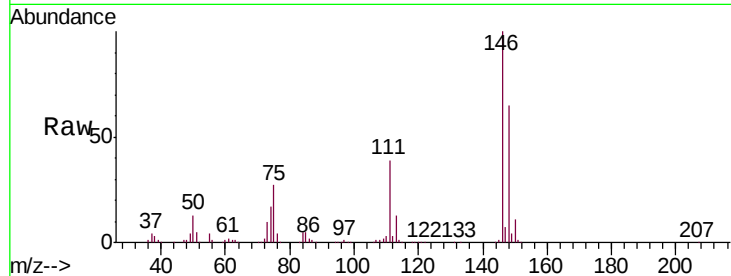




#65
 1,2-Dichlorobenzene
 Concen: 50.557 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026948.D
 Acq: 20 Sep 2018 21:10

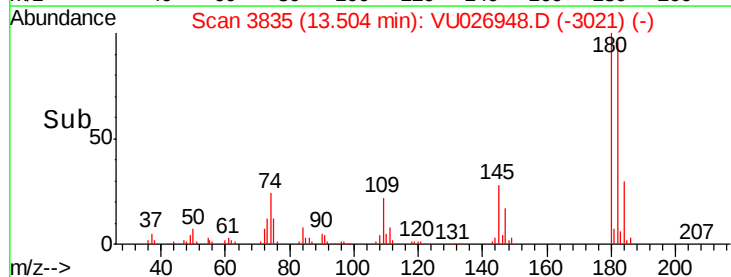
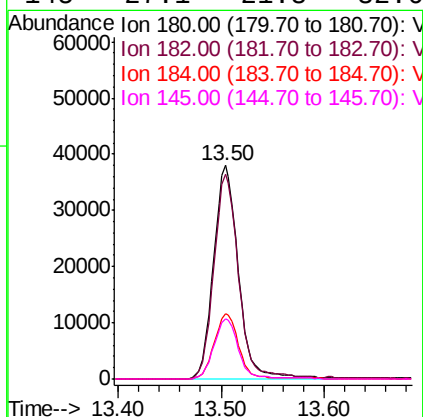
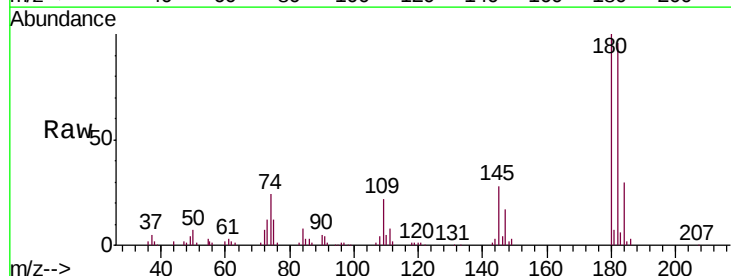
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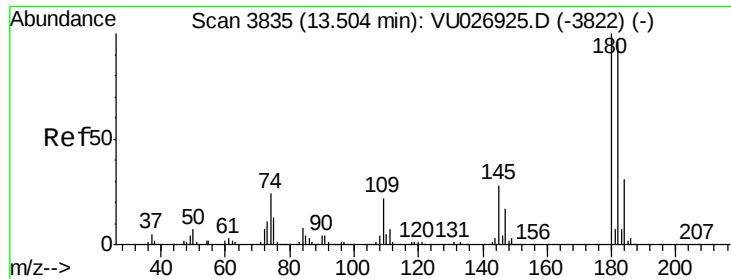
Tgt Ion:146 Resp: 301738
 Ion Ratio Lower Upper
 146 100
 111 39.0 31.4 47.0
 148 65.1 51.4 77.2



#67
 1,3,5-Trichlorobenzene
 Concen: 15.279 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.62 min
 Lab File: VU026948.D
 Acq: 20 Sep 2018 21:10

Tgt Ion:180 Resp: 63730
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.7 115.1
 184 29.6 24.2 36.4
 145 27.1 21.8 32.6

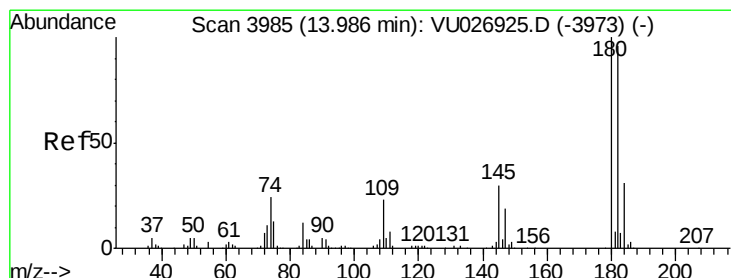
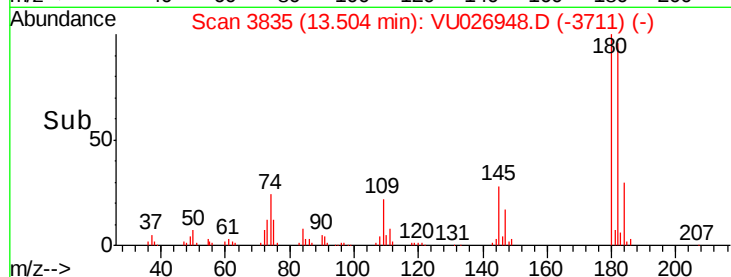
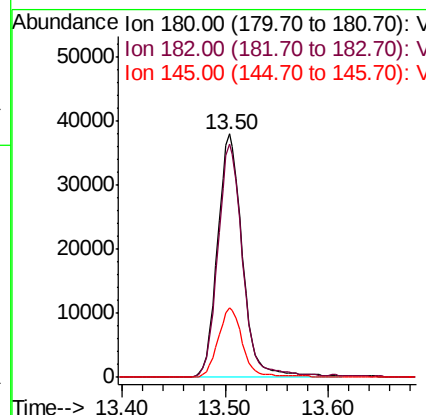
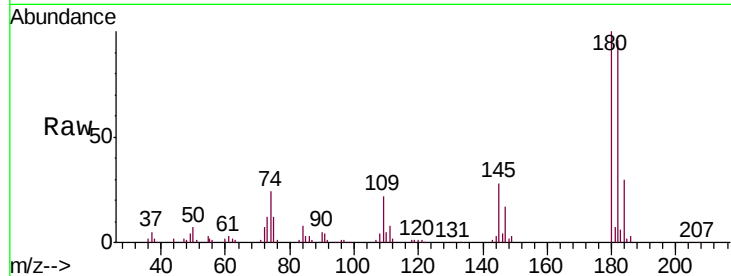




#68
 1,2,4-trichlorobenzene
 Concen: 17.731 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026948.D
 Acq: 20 Sep 2018 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L3

Tgt Ion:180 Resp: 63730
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.8 115.2
 145 27.1 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 3.706 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026948.D
 Acq: 20 Sep 2018 21:10

Tgt Ion:180 Resp: 14667
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.6 113.4
 145 28.5 23.8 35.6

