

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026007.D
 Acq On : 09 Aug 2018 19:38
 Operator : MD/SY
 Sample : J4361-08DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:18:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86537	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.68	69	74904	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.27	63	136104	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.14%
21) 2-Butanone-d5	4.18	46	167551	95.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.63%
24) Chloroform-d	4.65	84	206165	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.31	65	142649	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.35	84	398991	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
36) 1,2-Dichloropropane-d6	6.33	67	131923	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.57	98	360095	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.85	79	62429	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.31	63	118046	94.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.79%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183312	45.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	147546	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

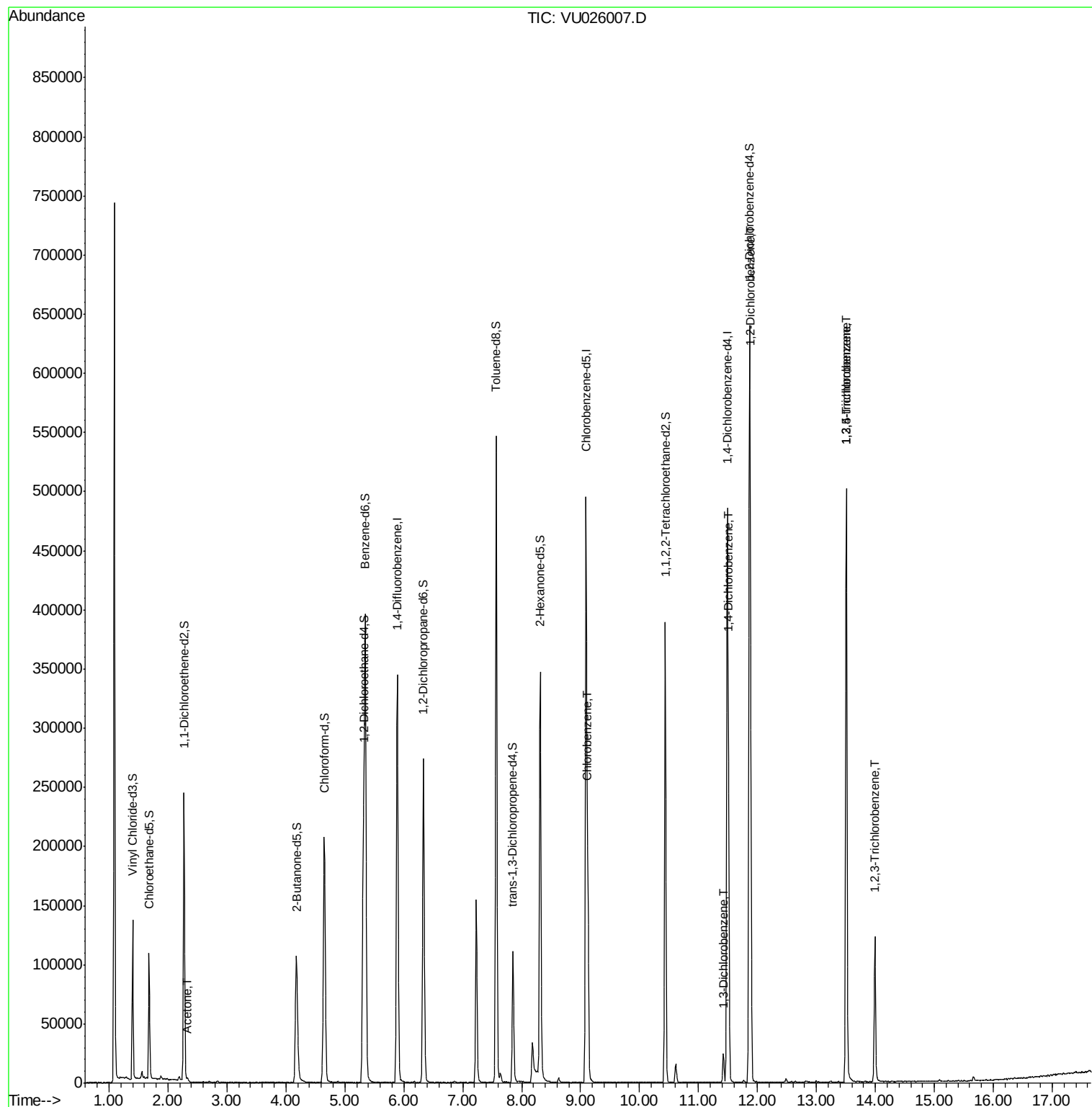
					Ovalue
13) Acetone	2.32	43	1701	1.563 ug/L	88
51) Chlorobenzene	9.12	112	91508	16.450 ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	10252	2.682 ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	91374	22.802 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	135217	33.231 ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	158838	55.596 ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	158838	65.744 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	40446	15.576 ug/L	100

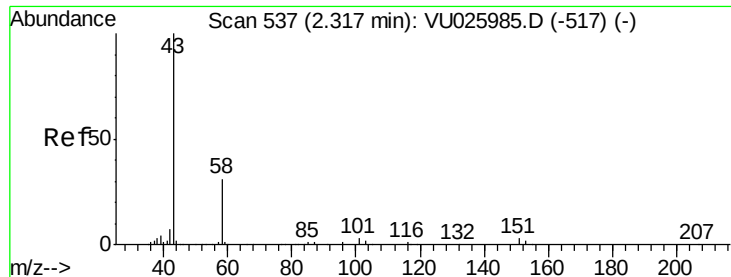
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.563 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026007.D

Acq: 09 Aug 2018 19:38

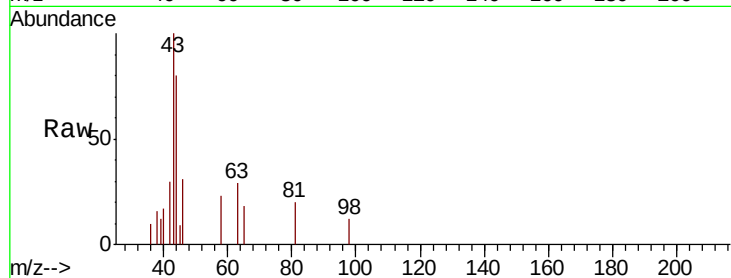
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1701

Ion Ratio Lower Upper

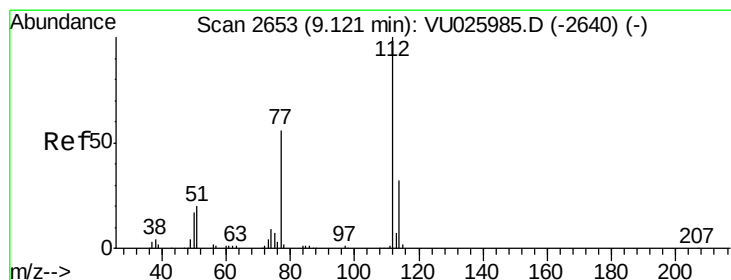
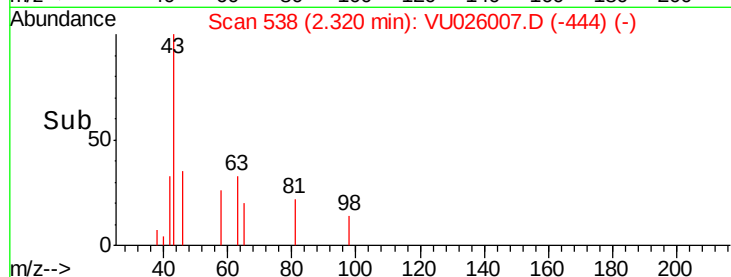
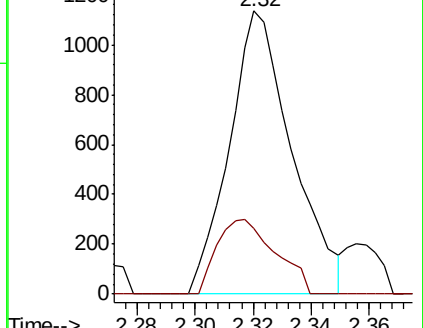
43 100

58 24.6 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025985.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025985.D (-517) (-)



#51

Chlorobenzene

Concen: 16.450 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026007.D

Acq: 09 Aug 2018 19:38

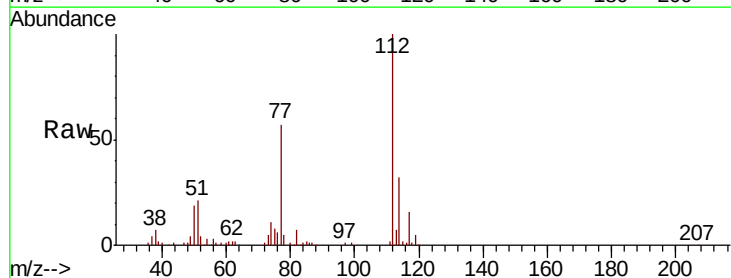
Tgt Ion: 112 Resp: 91508

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

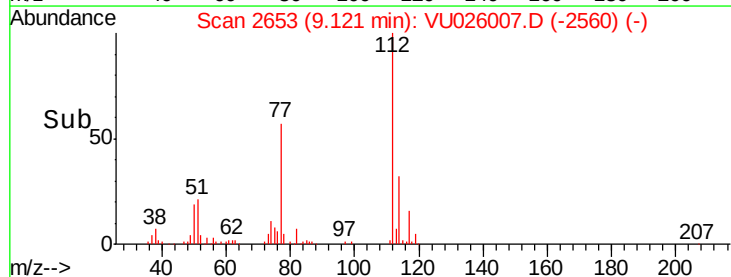
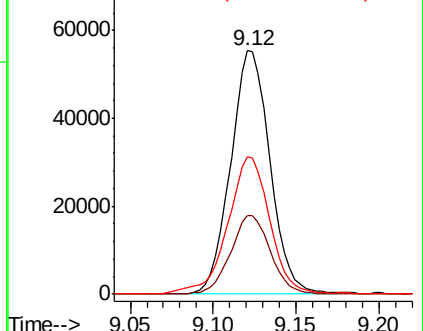
77 56.6 45.2 67.8

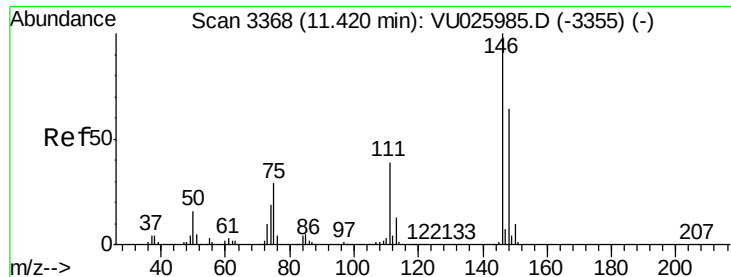


Abundance Ion 112.00 (111.70 to 112.70): VU025985.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU025985.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU025985.D (-2640) (-)





#62

1,3-Dichlorobenzene

Concen: 2.682 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU026007.D

Acq: 09 Aug 2018 19:38

Instrument :

MSVOA_U

ClientSampled :

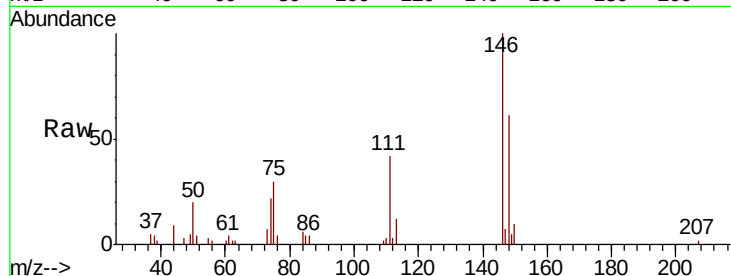
Tot Ion:146 Resp: 10252

Ion Ratio Lower Upper

146 100

111 42.2 27.9 51.9

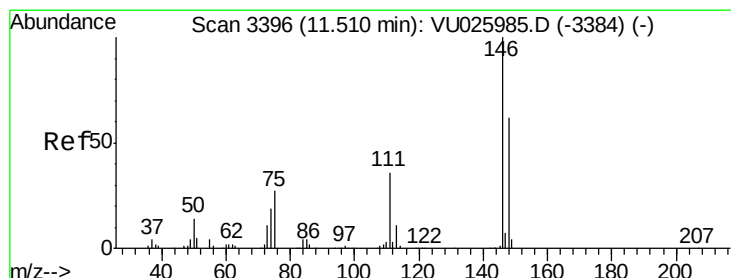
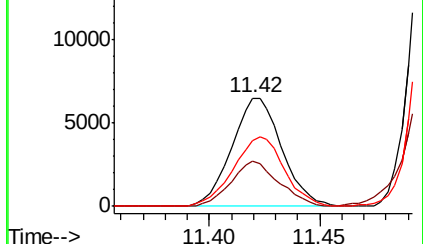
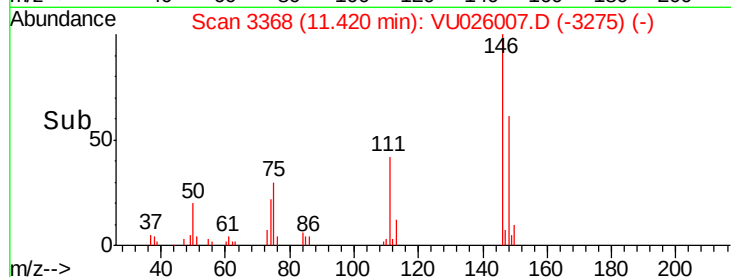
148 60.6 46.0 85.4



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: 22.802 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU026007.D

Acq: 09 Aug 2018 19:38

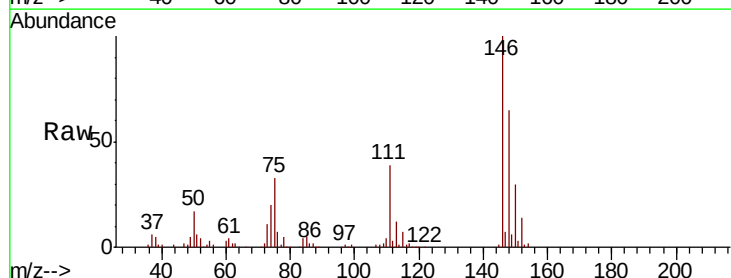
Tgt Ion:146 Resp: 91374

Ion Ratio Lower Upper

146 100

111 38.6 26.4 49.0

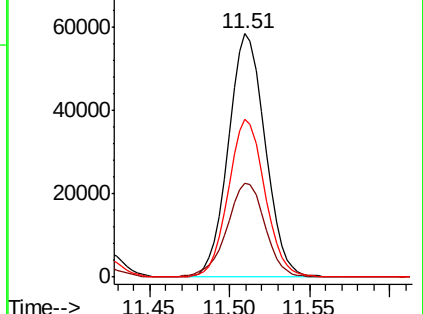
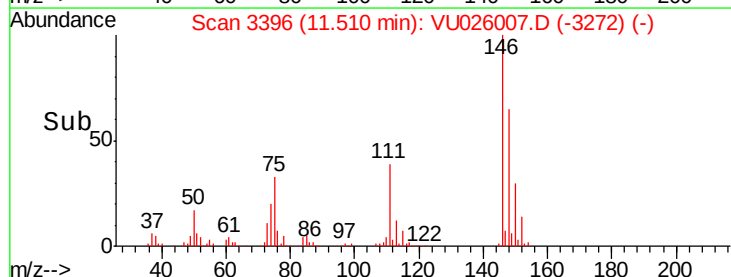
148 64.9 43.8 81.4

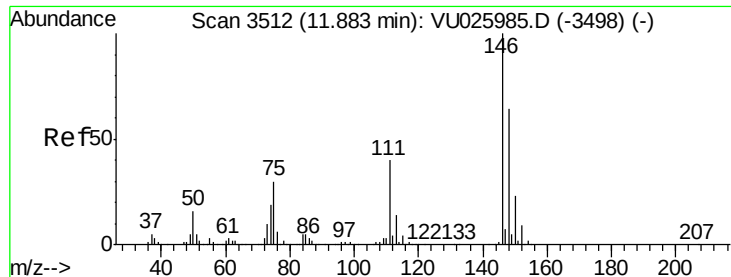


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

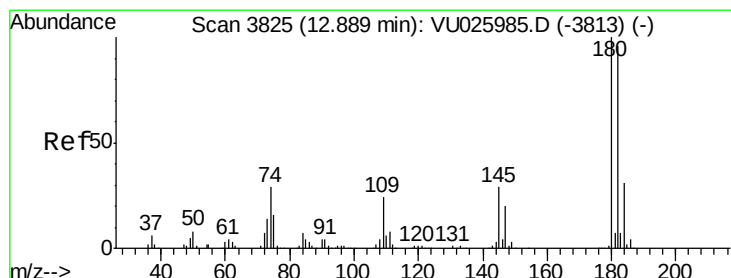
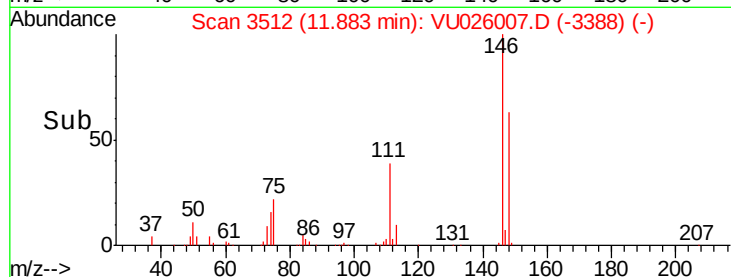
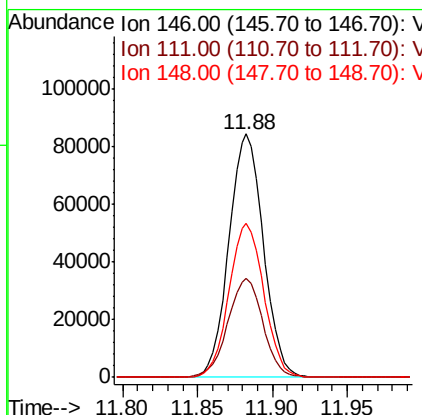
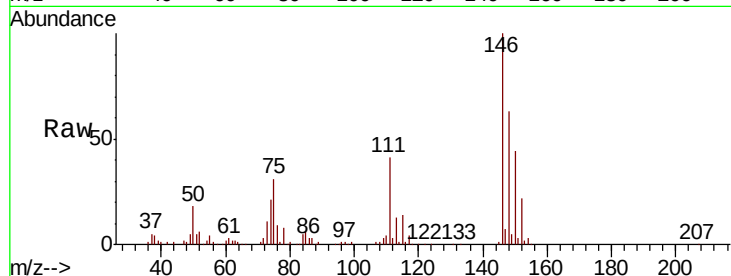




#65
 1,2-Dichlorobenzene
 Concen: 33.231 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

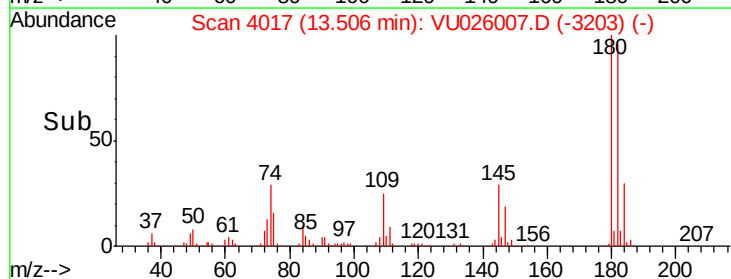
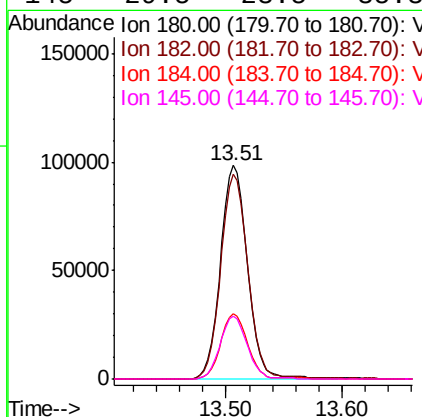
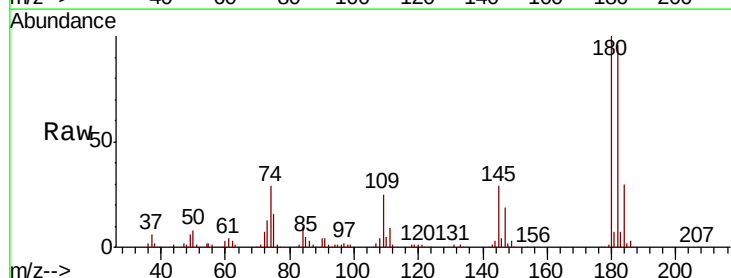
Instrument :
 MSVOA_U
 ClientSampled :

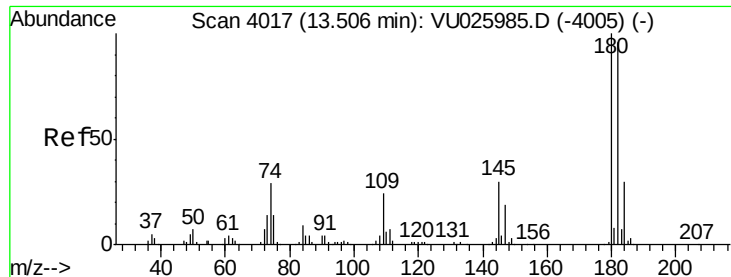
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.4	48.6
148	63.3	50.1	75.1



#67
 1,3,5-Trichlorobenzene
 Concen: 55.596 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.62 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.5	114.7
184	30.8	24.3	36.5
145	29.5	23.5	35.3

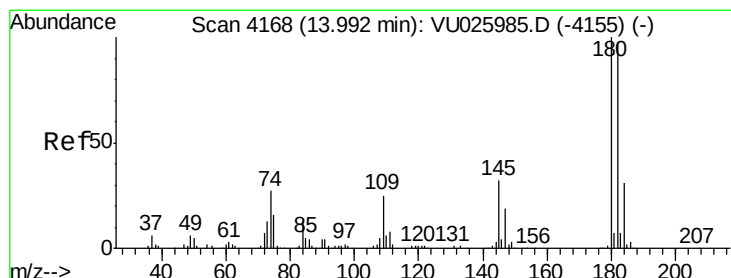
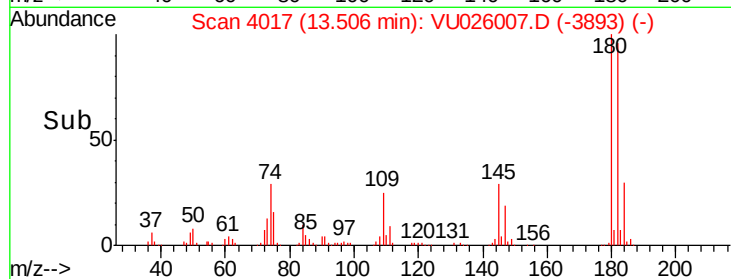
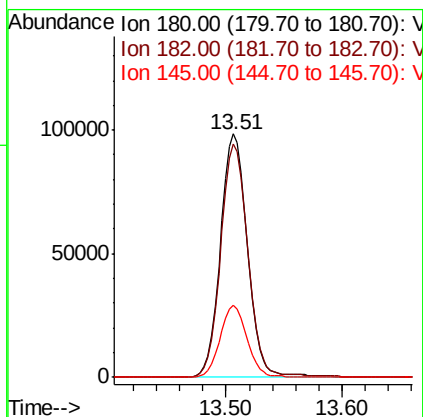
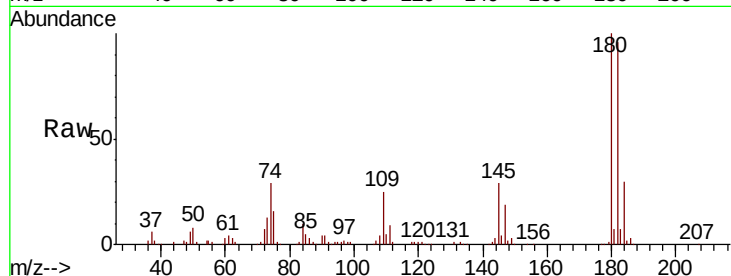




#68
 1,2,4-trichlorobenzene
 Concen: 65.744 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	180	Resp	158838
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.5	114.7
145	29.5	24.2	36.4



#70
 1,2,3-Trichlorobenzene
 Concen: 15.576 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU026007.D
 Acq: 09 Aug 2018 19:38

Tgt Ion	180	Resp	40446
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.5	114.7
145	30.6	24.7	37.1

