

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025947.D
 Acq On : 07 Aug 2018 18:10
 Operator : MD/SY
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Quant Time: Aug 08 04:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	97647	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.06%
7) Chloroethane-d5	1.68	69	75082	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	141238	37.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.48%
21) 2-Butanone-d5	4.18	46	143181	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	4.65	84	188378	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.31	65	130590	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
32) Benzene-d6	5.35	84	380918	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
36) 1,2-Dichloropropane-d6	6.34	67	119933	55.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.26%
41) Toluene-d8	7.57	98	351550	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%
43) trans-1,3-Dichloropropene-	7.85	79	57917	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.46%
47) 2-Hexanone-d5	8.31	63	99755	111.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158792	53.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	127819	57.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.56%

Target Compounds

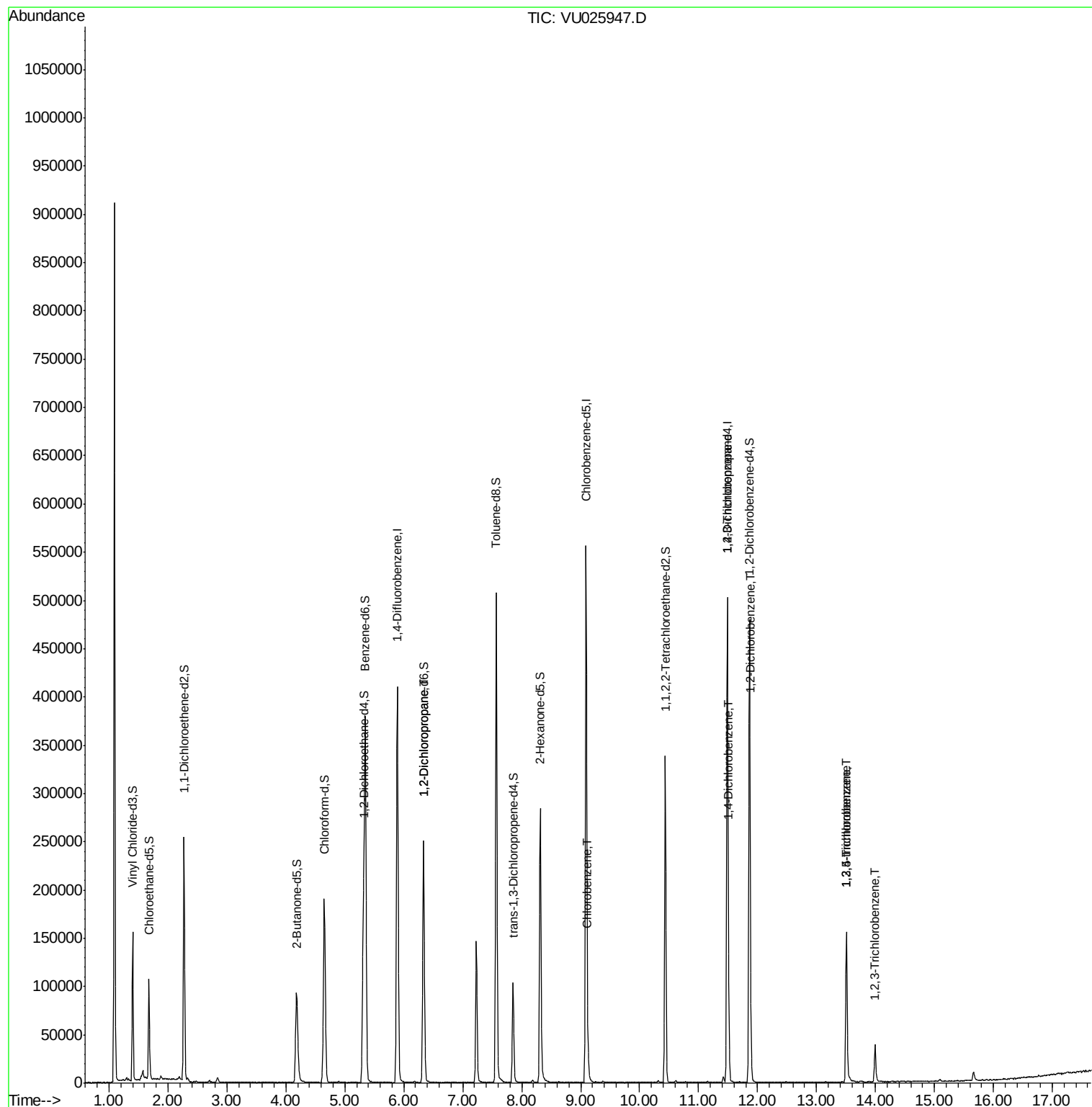
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) 1,2-Dichloropropane	6.33	63	13551	6.168	ug/L	# 88
51) Chlorobenzene	9.12	112	13045	2.123	ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	22652	8.101	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	26149	6.351	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	20909	5.160	ug/L	95
67) 1,3,5-Trichlorobenzene	13.51	180	54182	18.196	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	54182	20.966	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	15071	5.692	ug/L	98

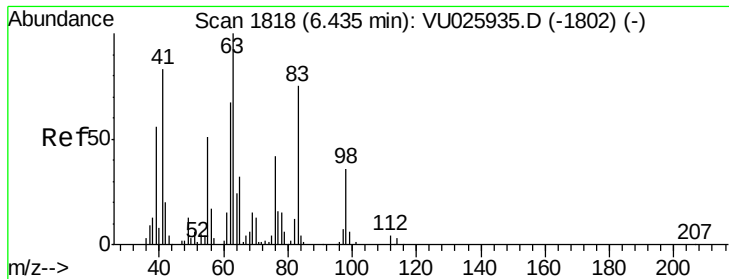
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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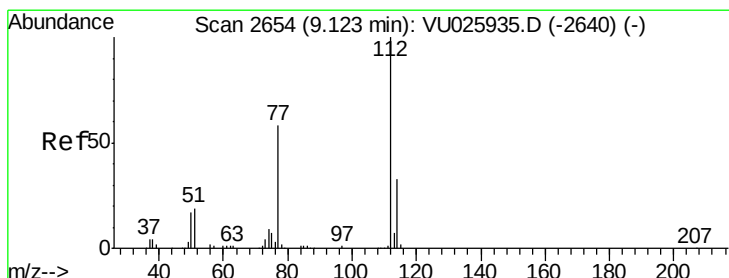
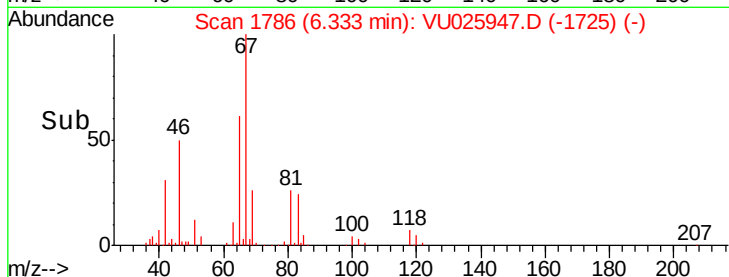
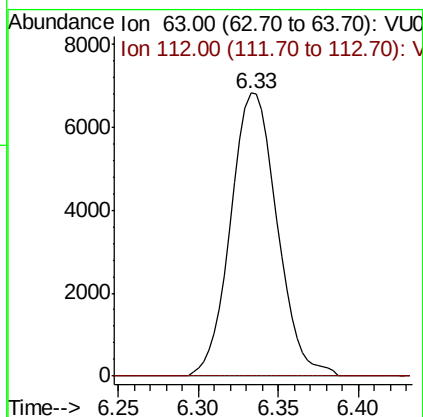
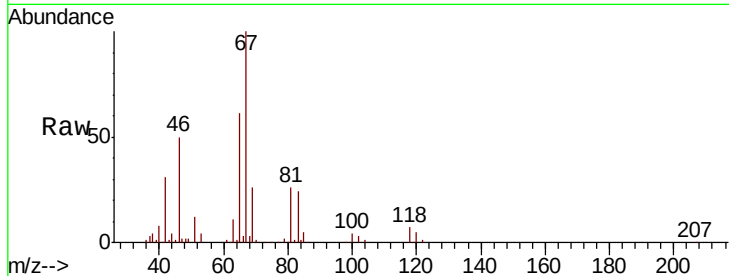




#37
 1,2-Dichloropropane
 Concen: 6.168 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

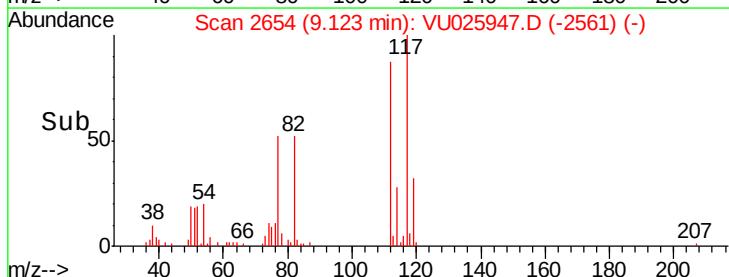
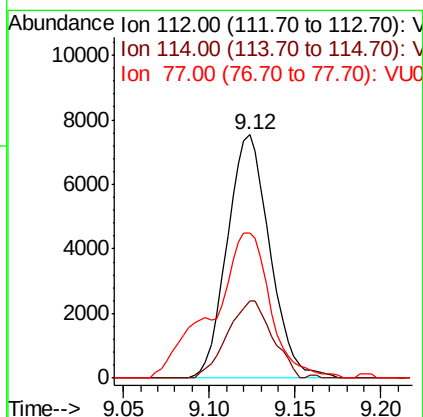
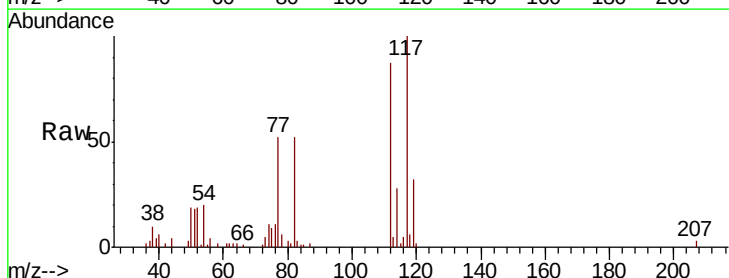
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

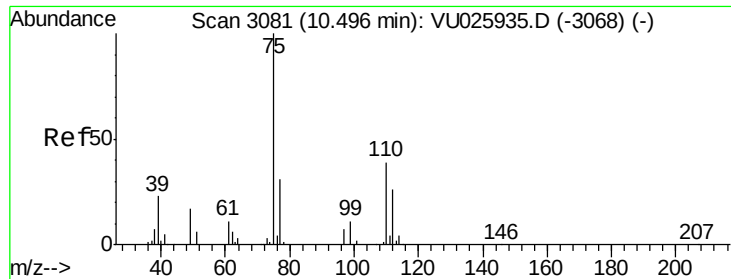
Tgt Ion: 63 Resp: 13551
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#51
 Chlorobenzene
 Concen: 2.123 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

Tgt Ion: 112 Resp: 13045
 Ion Ratio Lower Upper
 112 100
 114 31.6 22.5 41.9
 77 59.7 45.8 68.8

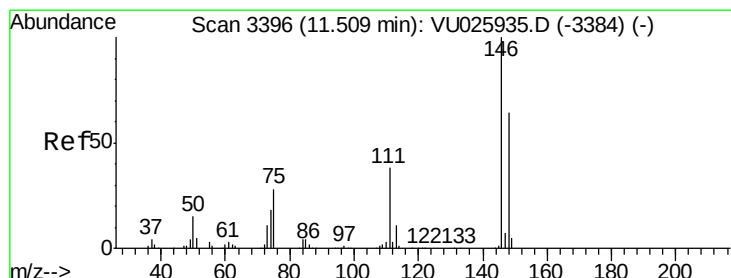
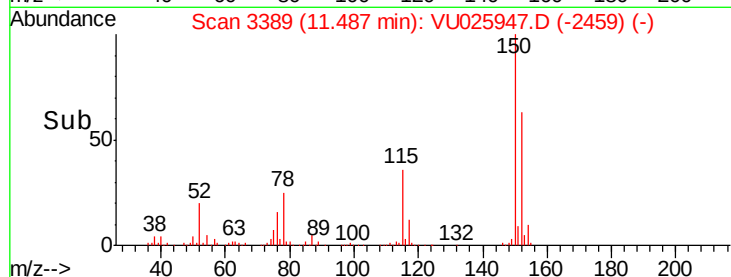
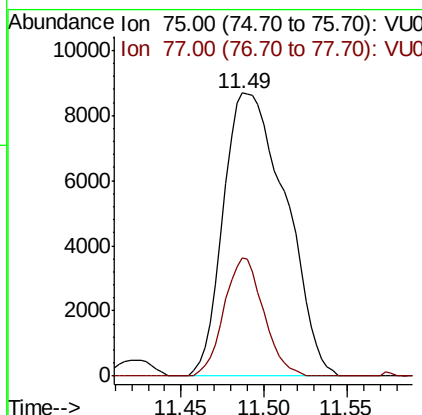
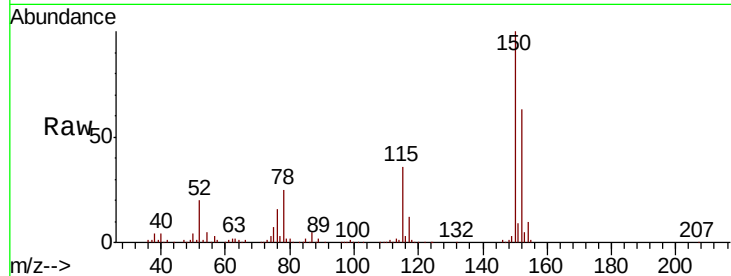




#59
 1,2,3-Trichloropropane
 Concen: 8.101 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

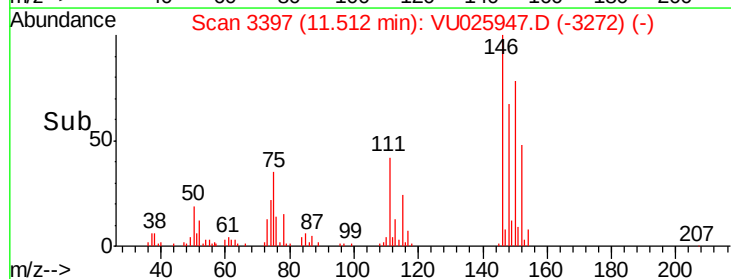
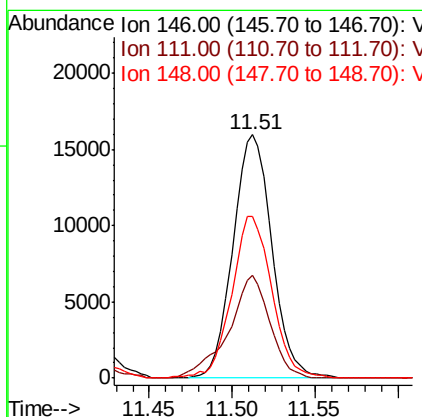
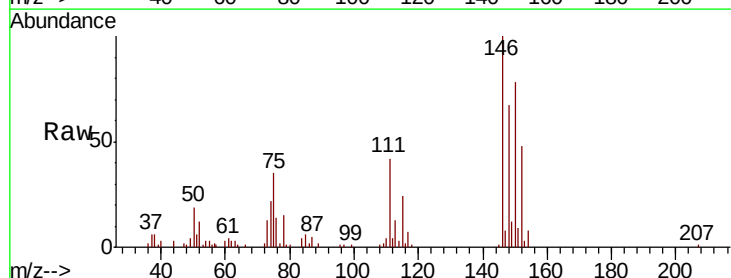
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

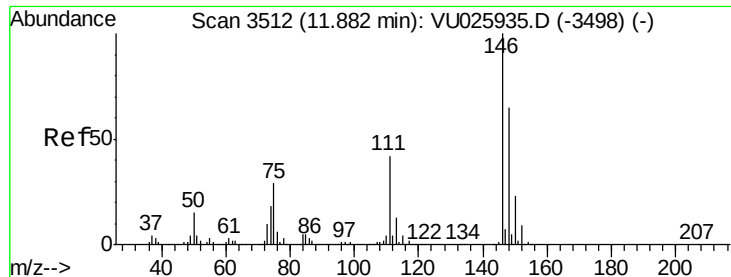
Tgt Ion: 75 Resp: 22652
 Ion Ratio Lower Upper
 75 100
 77 26.5 25.8 38.8



#63
 1,4-Dichlorobenzene
 Concen: 6.351 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

Tgt Ion: 146 Resp: 26149
 Ion Ratio Lower Upper
 146 100
 111 42.1 26.9 49.9
 148 66.5 44.6 82.8





#65

1,2-Dichlorobenzene

Concen: 5.160 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025947.D

Acq: 07 Aug 2018 18:10

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

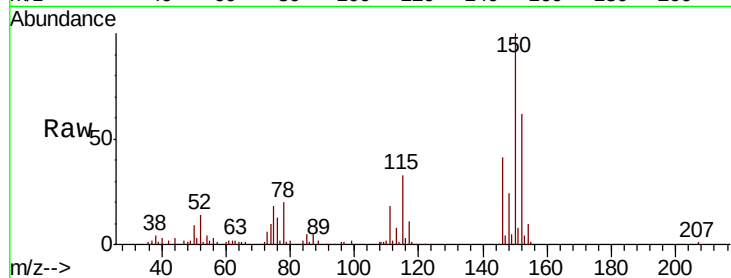
Tgt Ion:146 Resp: 20909

Ion Ratio Lower Upper

146 100

111 43.7 32.4 48.6

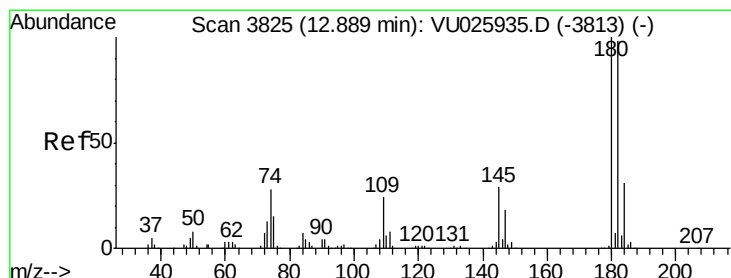
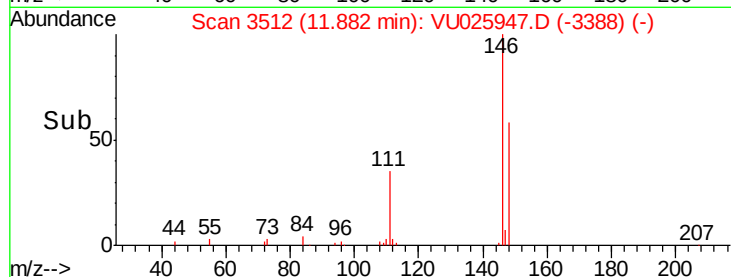
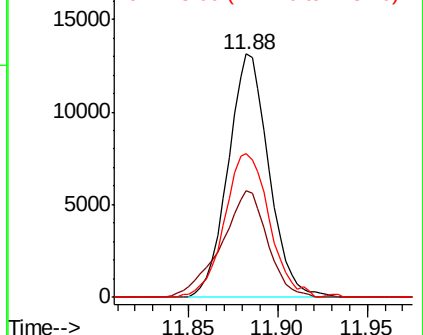
148 59.0 50.7 76.1



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



#67

1,3,5-Trichlorobenzene

Concen: 18.196 ug/L

RT: 13.51 min Scan# 4018

Delta R.T. 0.62 min

Lab File: VU025947.D

Acq: 07 Aug 2018 18:10

Tgt Ion:180 Resp: 54182

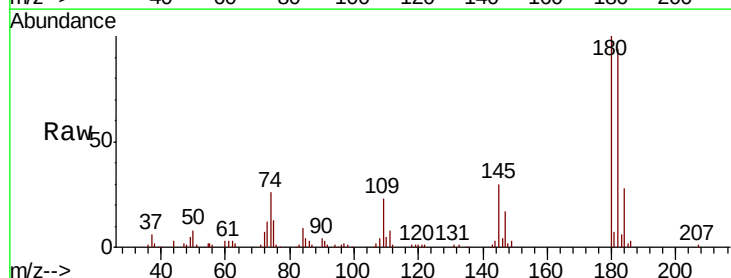
Ion Ratio Lower Upper

180 100

182 95.0 77.3 115.9

184 29.4 24.6 36.8

145 29.0 23.0 34.6

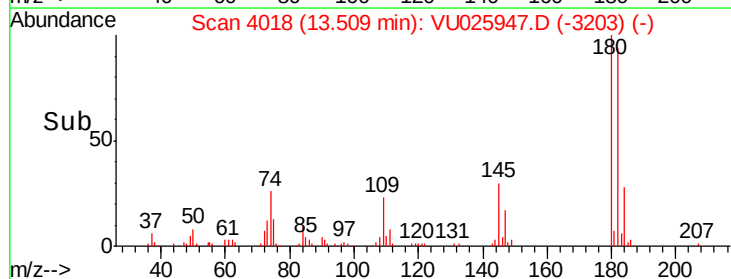
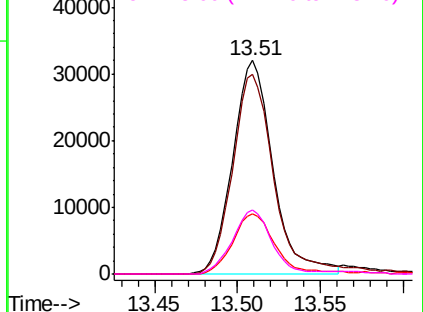


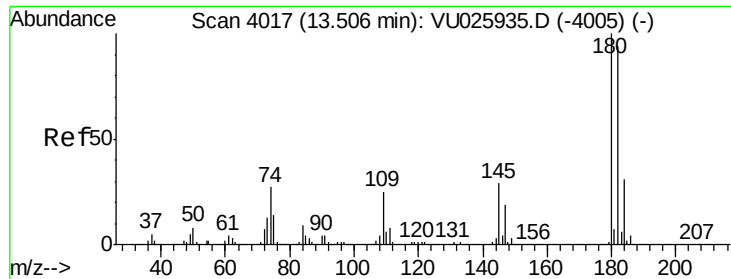
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

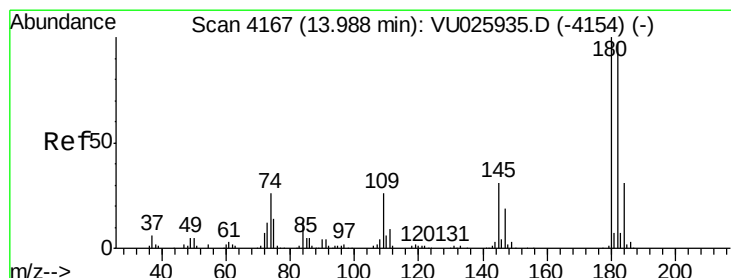
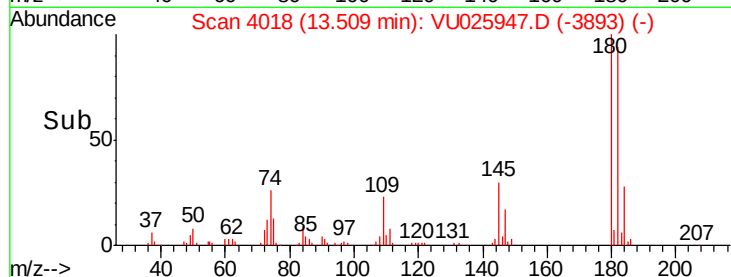
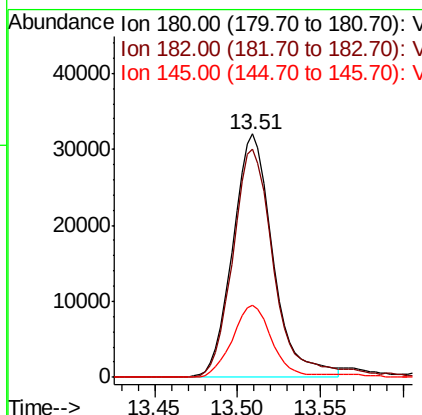
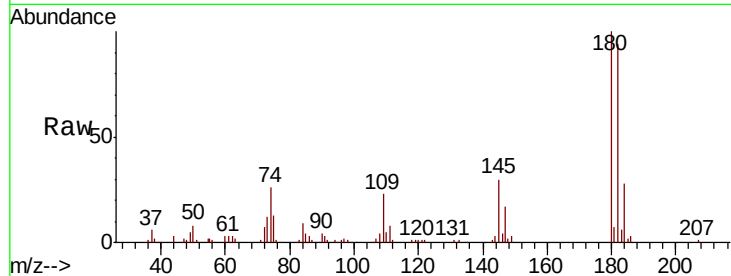




#68
 1,2,4-trichlorobenzene
 Concen: 20.966 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Tgt Ion:180 Resp: 54182
 Ion Ratio Lower Upper
 180 100
 182 95.0 78.1 117.1
 145 29.0 23.4 35.2



#70
 1,2,3-Trichlorobenzene
 Concen: 5.692 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.01 min
 Lab File: VU025947.D
 Acq: 07 Aug 2018 18:10

Tgt Ion:180 Resp: 15071
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.6 114.8
 145 30.9 25.4 38.2

