

Data File : VU034657.D
Acq On : 19 Sep 2019 19:04
Operator : JC/SP
Sample : VU0919WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Quant Time: Sep 20 04:04:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	484061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	456721	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	192198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	230294	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.94%
7) Chloroethane-d5	1.67	69	187042	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.68%
11) 1,1-Dichloroethene-d2	2.26	63	306076	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
21) 2-Butanone-d5	4.15	46	351845	92.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.64%
24) Chloroform-d	4.62	84	313405	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.29	65	253361	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.32	84	694004	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.31	67	239595	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.84%
41) Toluene-d8	7.54	98	649229	48.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.42%
43) trans-1,3-Dichloropropene-	7.83	79	113726	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.98%
47) 2-Hexanone-d5	8.29	63	239113	96.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	316702	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	201790	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

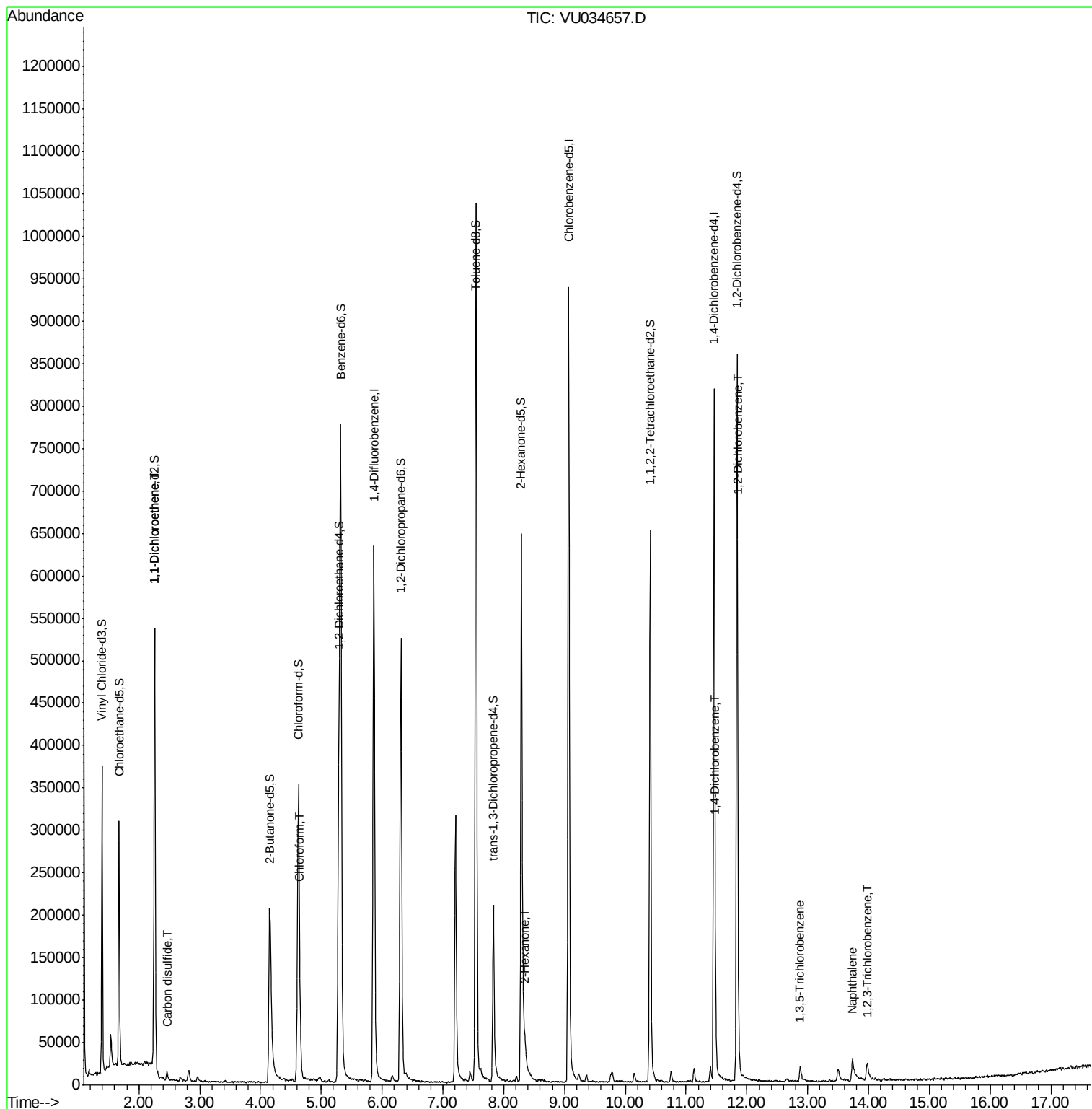
					Qvalue
12) 1,1-Dichloroethene	2.26	96	3105	0.980 ug/L #	1
14) Carbon disulfide	2.46	76	10556	0.988 ug/L	97
25) Chloroform	4.65	83	33141	4.237 ug/L	94
48) 2-Hexanone	8.35	43	18998	2.701 ug/L #	84
63) 1,4-Dichlorobenzene	11.49	146	8277	1.221 ug/L	94
65) 1,2-Dichlorobenzene	11.85	146	5882	0.875 ug/L #	85
67) 1,3,5-Trichlorobenzene	12.88	180	6419	1.439 ug/L #	71
69) Naphthalene	13.74	128	23513	1.937 ug/L #	92
70) 1,2,3-Trichlorobenzene	13.98	180	7681	2.129 ug/L #	86

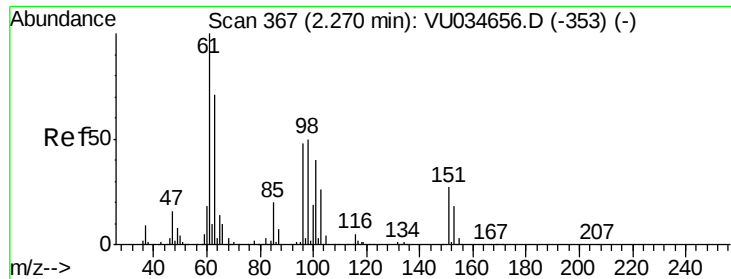
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.980 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK33

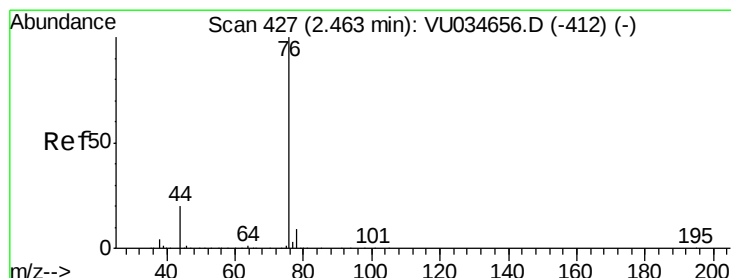
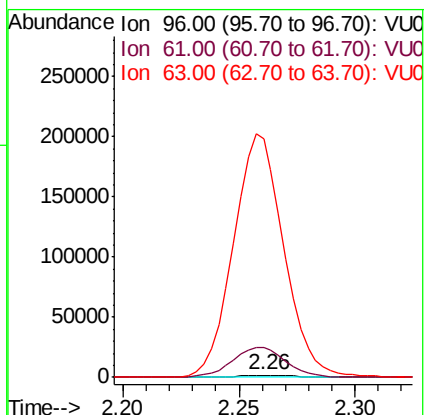
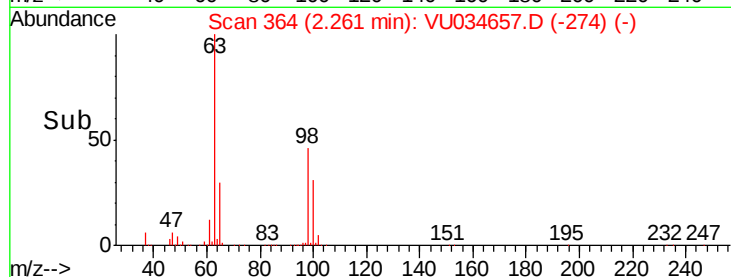
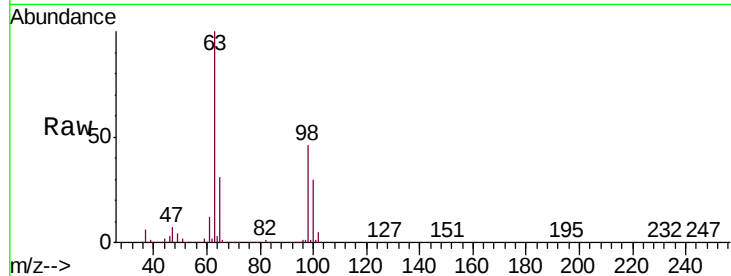
Tgt Ion: 96 Resp: 3105

Ion Ratio Lower Upper

96 100

61 1462.1 153.2 284.4#

63 11719.4 113.8 211.3#



#14

Carbon disulfide

Concen: 0.988 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034657.D

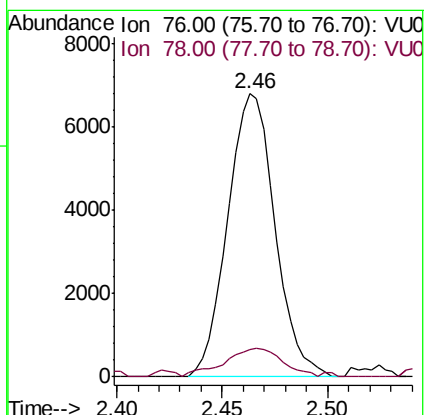
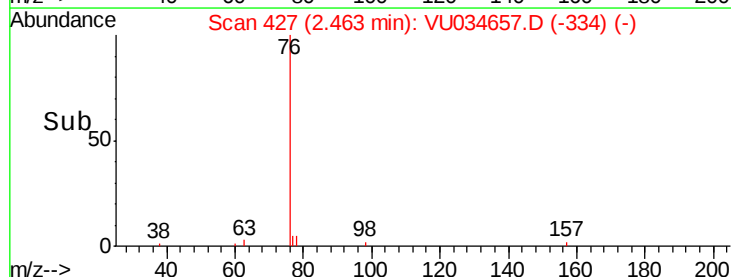
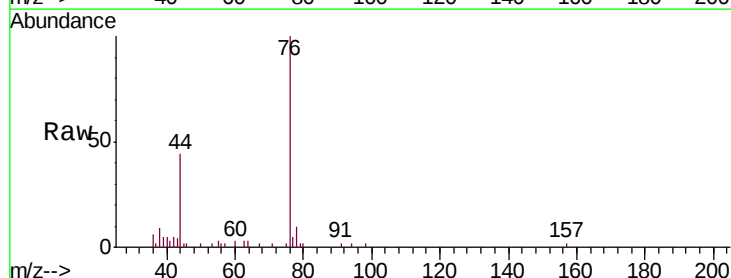
Acq: 19 Sep 2019 19:04

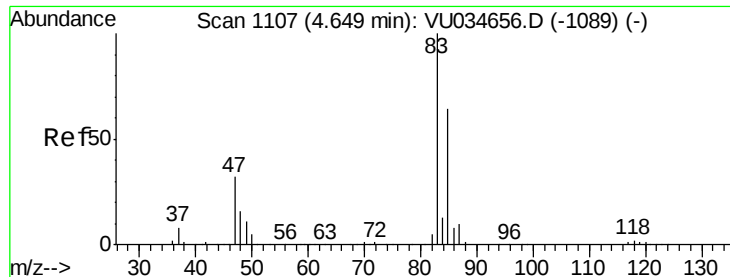
Tgt Ion: 76 Resp: 10556

Ion Ratio Lower Upper

76 100

78 9.6 6.9 10.3

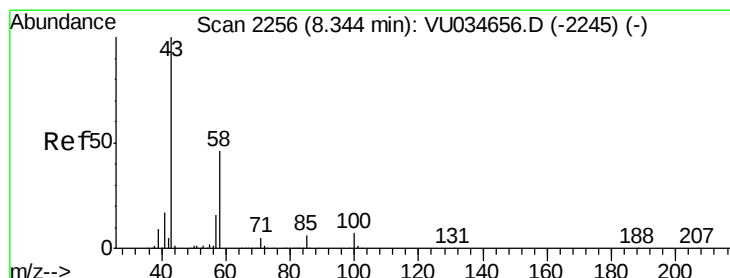
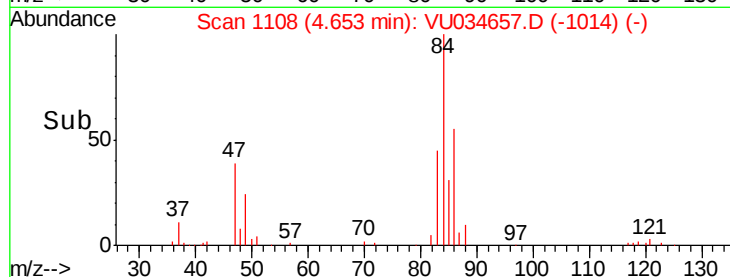
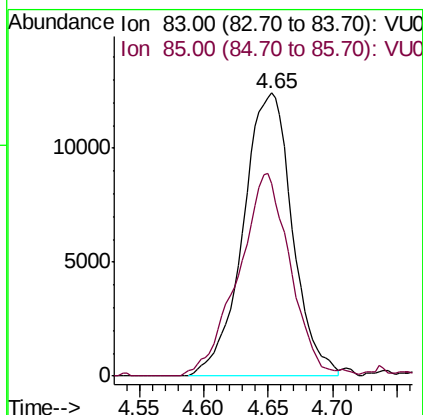
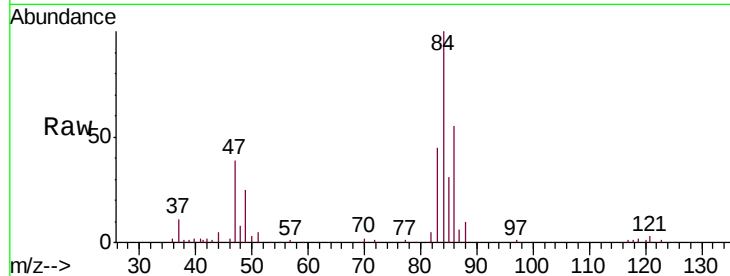




#25
Chloroform
Concen: 4.237 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034657.D
Acq: 19 Sep 2019 19:04

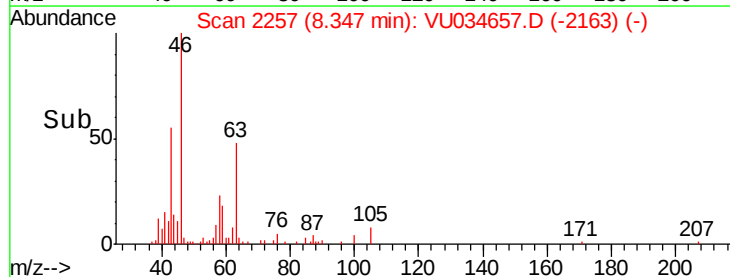
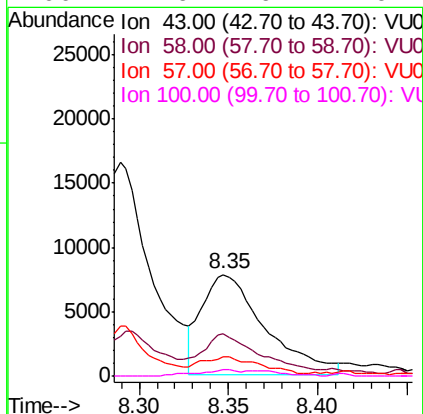
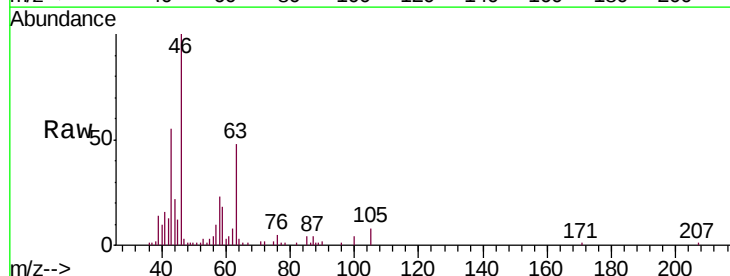
Instrument :
MSVOA_U
ClientSampled :
VBLK33

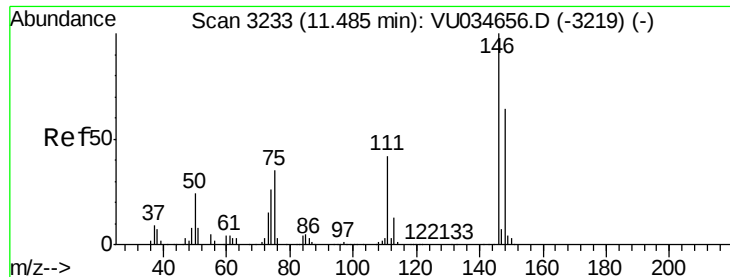
Tgt Ion: 83 Resp: 33141
Ion Ratio Lower Upper
83 100
85 67.8 44.0 81.6



#48
2-Hexanone
Concen: 2.701 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU034657.D
Acq: 19 Sep 2019 19:04

Tgt Ion: 43 Resp: 18998
Ion Ratio Lower Upper
43 100
58 31.4 35.3 52.9#
57 12.9 12.1 18.1
100 1.6 6.2 9.4#

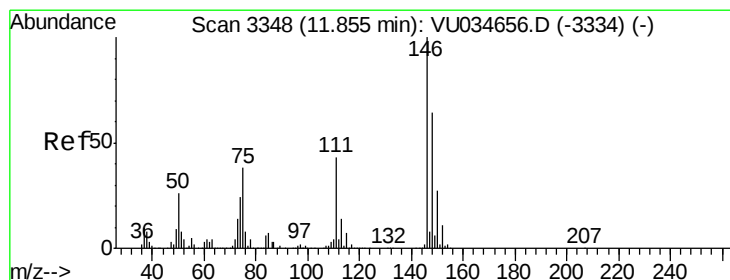
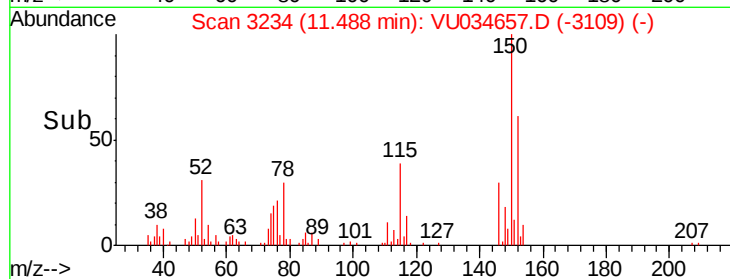
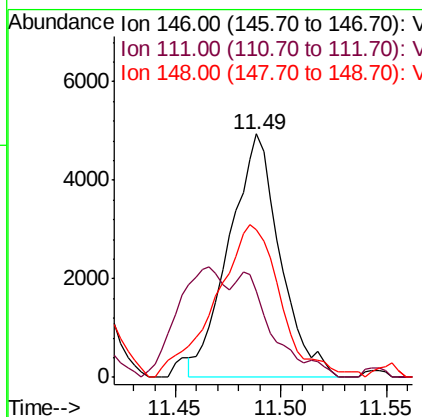
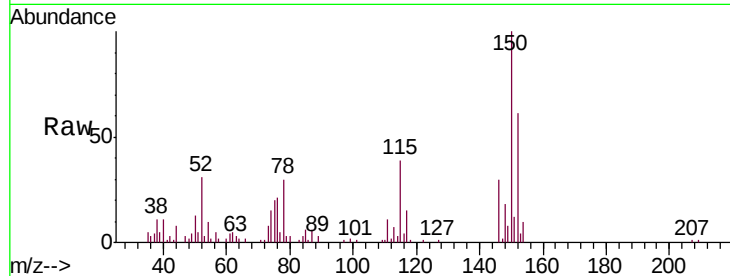




#63
 1,4-Dichlorobenzene
 Concen: 1.221 ug/L
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034657.D
 Acq: 19 Sep 2019 19:04

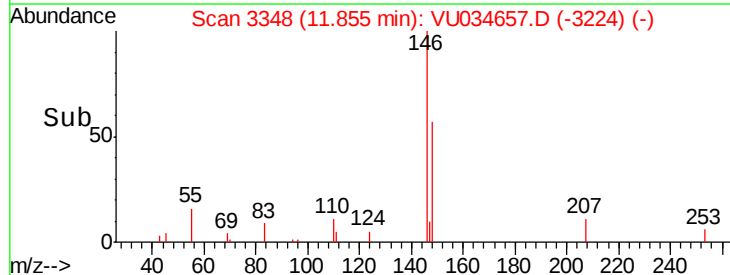
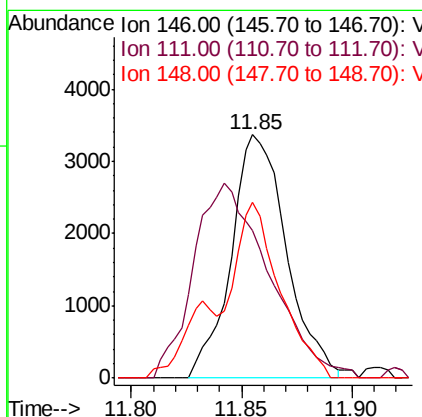
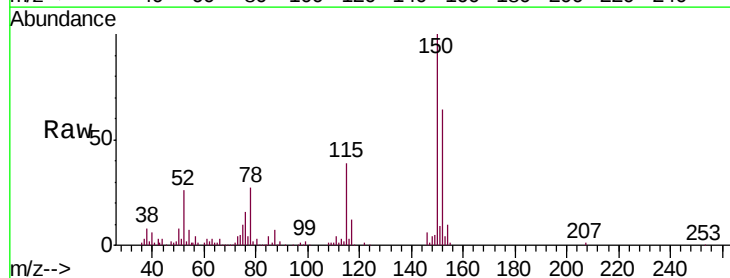
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK33

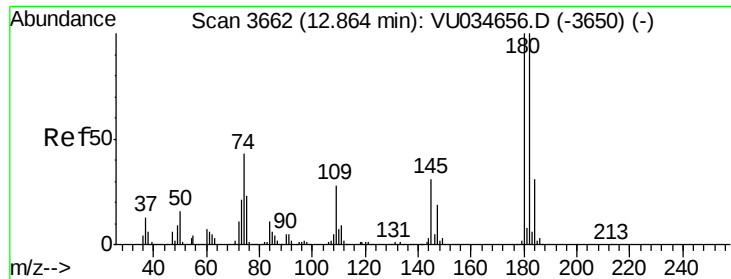
Tgt Ion:146 Resp: 8277
 Ion Ratio Lower Upper
 146 100
 111 35.4 29.5 54.9
 148 60.7 44.4 82.4



#65
 1,2-Dichlorobenzene
 Concen: 0.875 ug/L
 RT: 11.85 min Scan# 3348
 Delta R.T. 0.00 min
 Lab File: VU034657.D
 Acq: 19 Sep 2019 19:04

Tgt Ion:146 Resp: 5882
 Ion Ratio Lower Upper
 146 100
 111 60.6 35.2 52.8#
 148 72.1 53.0 79.6

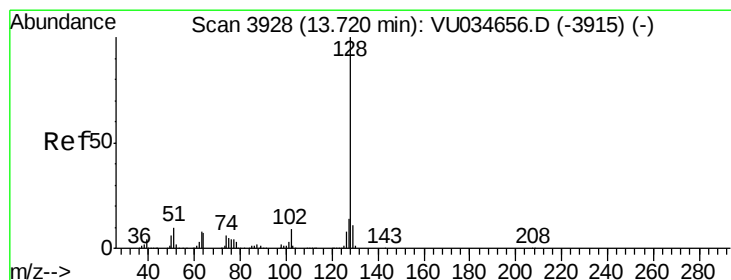
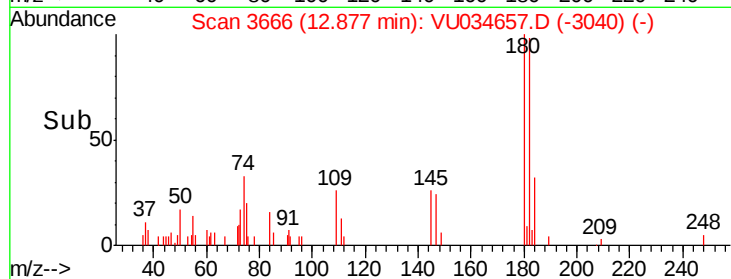
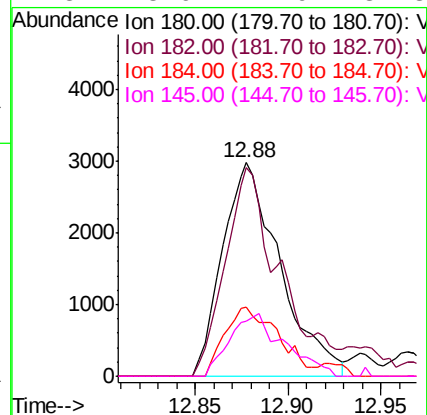
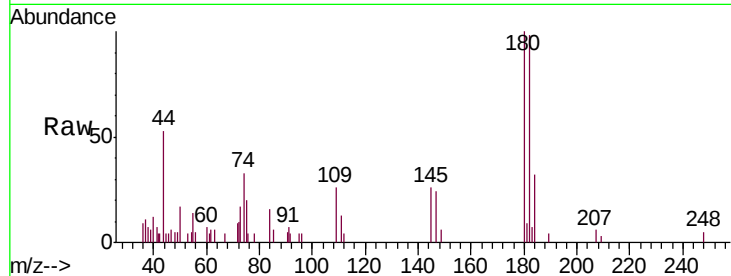




#67
 1,3,5-Trichlorobenzene
 Concen: 1.439 ug/L
 RT: 12.88 min Scan# 3666
 Delta R.T. 0.01 min
 Lab File: VU034657.D
 Acq: 19 Sep 2019 19:04

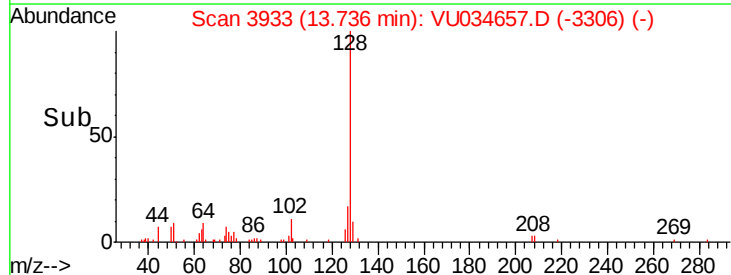
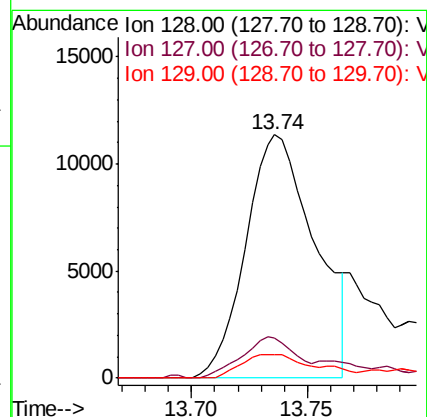
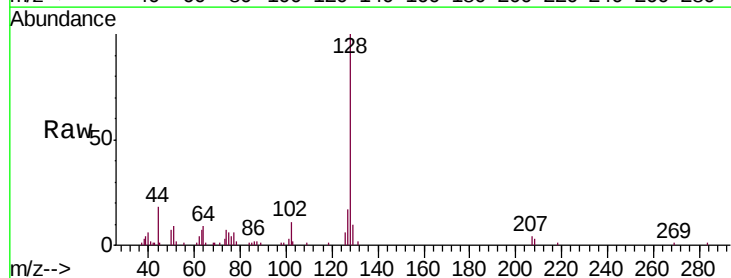
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK33

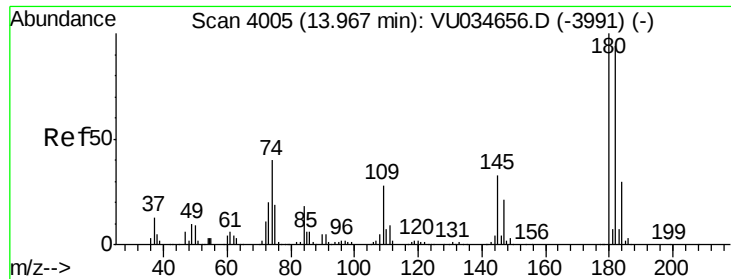
Tgt Ion:180 Resp: 6419
 Ion Ratio Lower Upper
 180 100
 182 65.4 79.2 118.8#
 184 20.6 24.6 36.8#
 145 18.9 24.9 37.3#



#69
 Naphthalene
 Concen: 1.937 ug/L
 RT: 13.74 min Scan# 3933
 Delta R.T. 0.02 min
 Lab File: VU034657.D
 Acq: 19 Sep 2019 19:04

Tgt Ion:128 Resp: 23513
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.8 16.2
 129 4.2 8.6 12.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 2.129 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU034657.D
 Acq: 19 Sep 2019 19:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK33

Tgt Ion:180 Resp: 7681
 Ion Ratio Lower Upper
 180 100
 182 85.1 79.2 118.8
 145 24.3 26.0 39.0#

