

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035945.D
 Acq On : 03 Dec 2019 13:14
 Operator : JC/SP
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Dec 04 03:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	366563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	378763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	133381	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	195995	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	152694	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	209305	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.70	46	334088	45.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.30%
24) Chloroform-d	5.11	84	255799	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.75	65	136019	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.77	84	523074	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.73	67	165096	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	441269	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.21	79	65597	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.68	63	252830	43.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	130363	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	140471	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

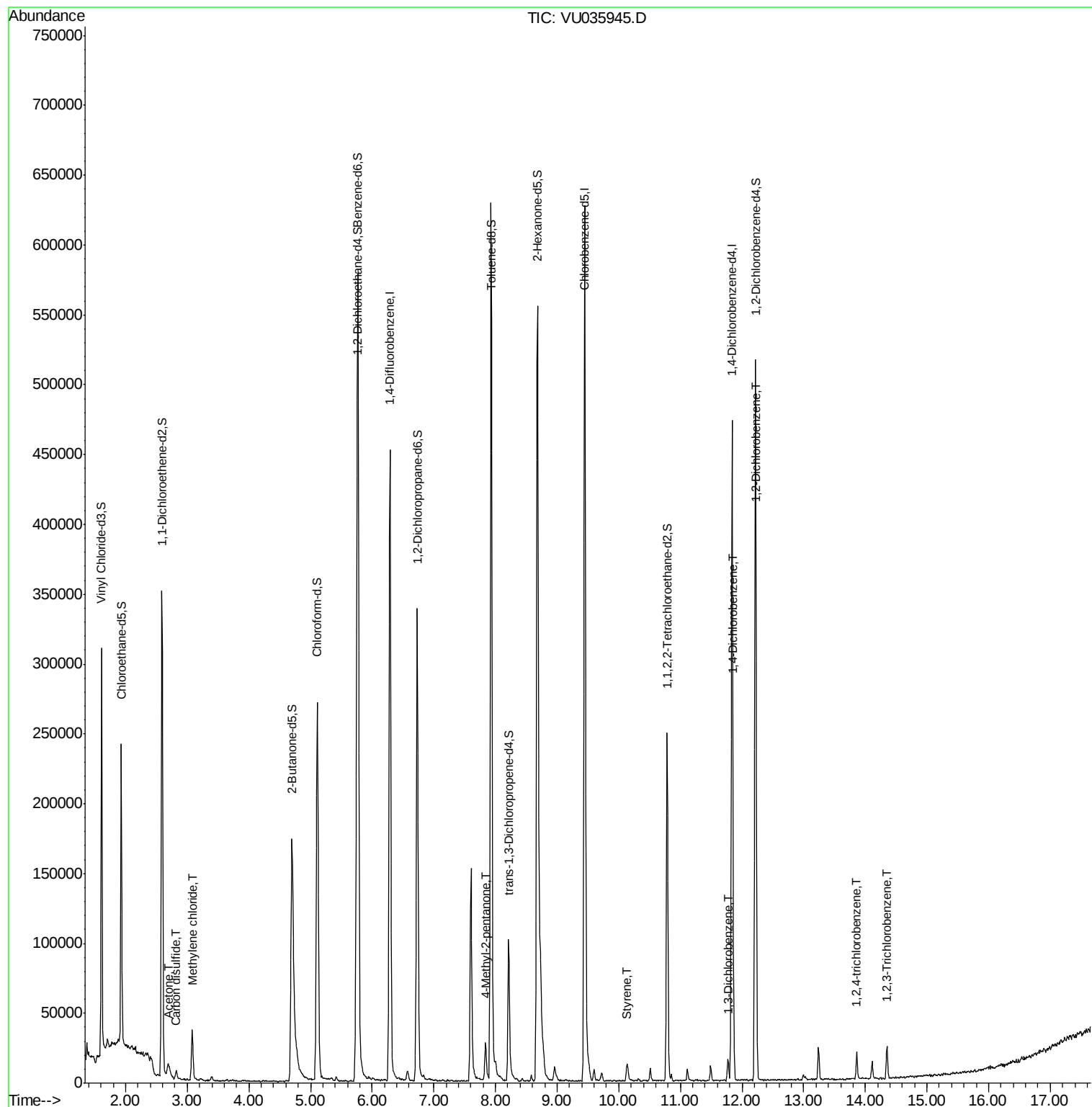
					Ovalue
13) Acetone	2.69	43	18209	2.722	ug/L 89
14) Carbon disulfide	2.82	76	7600	0.083	ug/L # 94
16) Methylene chloride	3.08	84	17356	0.427	ug/L 98
40) 4-Methyl-2-pentanone	7.84	43	20927	1.104	ug/L # 88
55) Styrene	10.14	104	4858	0.065	ug/L 82
62) 1,3-Dichlorobenzene	11.78	146	7565	0.171	ug/L 92
63) 1,4-Dichlorobenzene	11.86	146	8731	0.198	ug/L 95
65) 1,2-Dichlorobenzene	12.24	146	8012	0.189	ug/L 93
68) 1,2,4-trichlorobenzene	13.86	180	6350	0.391	ug/L 95
70) 1,2,3-Trichlorobenzene	14.35	180	7477	0.465	ug/L 98

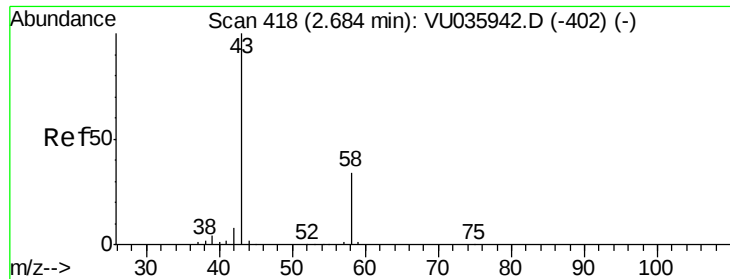
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120319\
Data File : VU035945.D
Acq On : 03 Dec 2019 13:14
Operator : JC/SP
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Quant Time: Dec 04 03:44:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 04 03:35:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.722 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035945.D

Acq: 03 Dec 2019 13:14

Instrument :

MSVOA_U

ClientSampled :

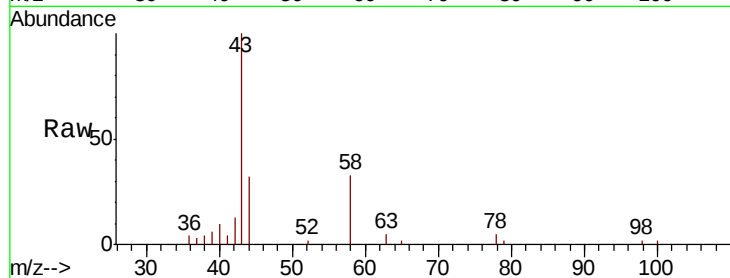
VIBLK

Tot Ion: 43 Resp: 18209

Ion Ratio Lower Upper

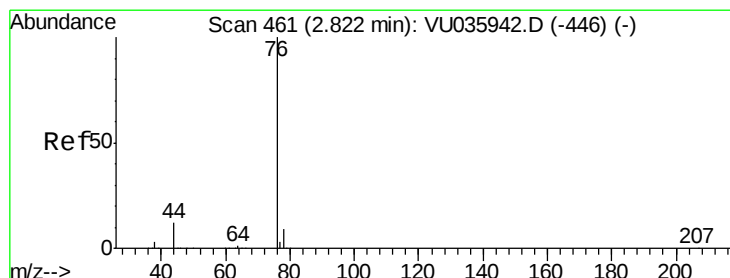
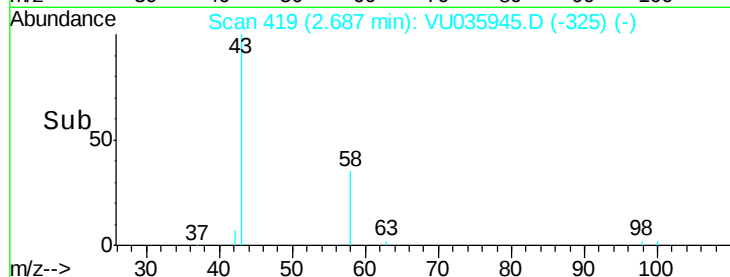
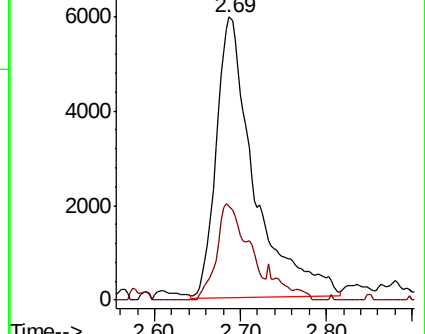
43 100

58 28.2 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035945.D

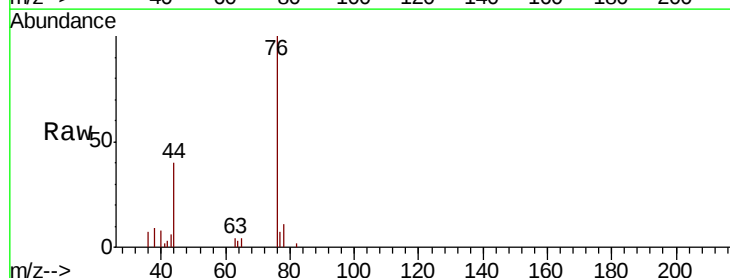
Acq: 03 Dec 2019 13:14

Tgt Ion: 76 Resp: 7600

Ion Ratio Lower Upper

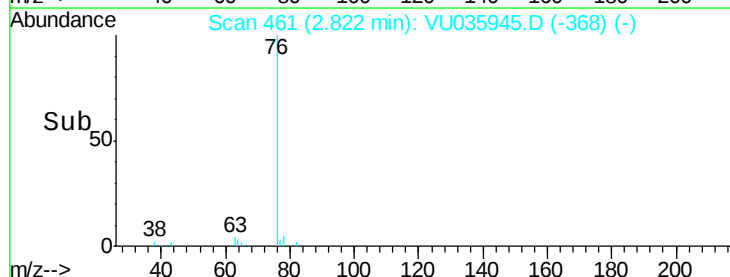
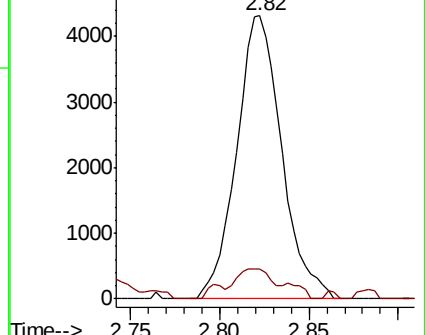
76 100

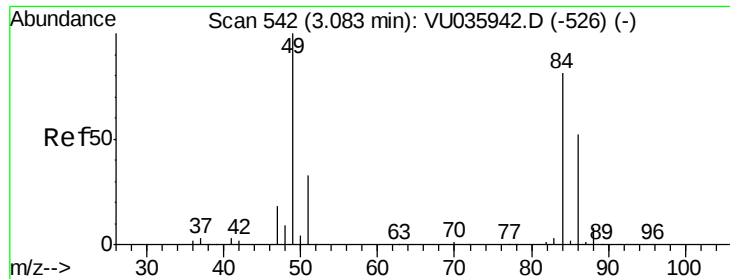
78 10.8 6.9 10.3#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

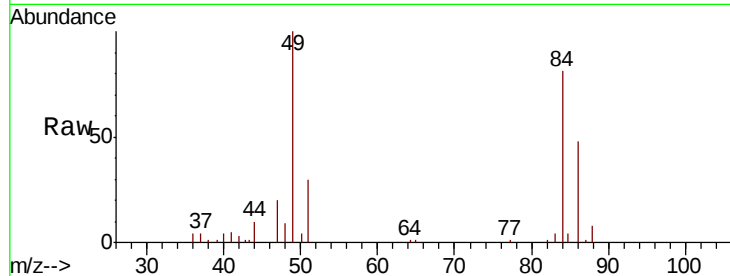




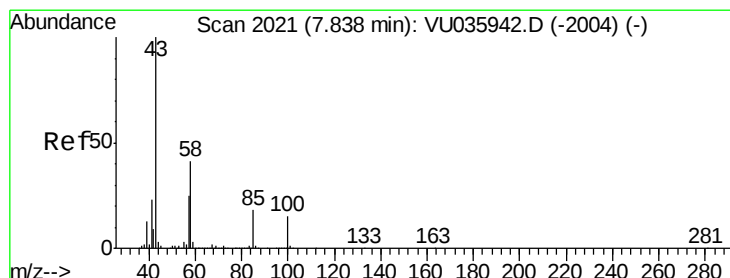
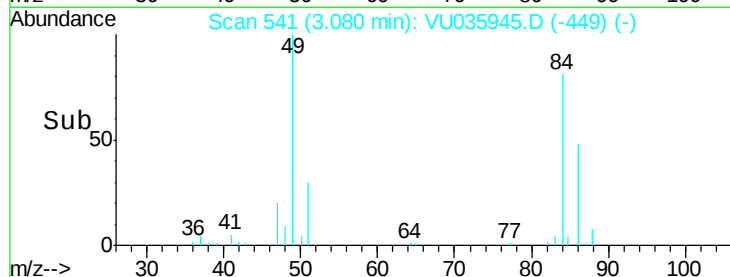
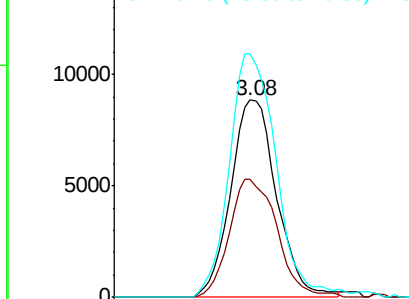
#16
Methvlene chloride
Concen: 0.427 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035945.D
Acq: 03 Dec 2019 13:14

Instrument :
MSVOA_U
ClientSampled :
VIBLK

Tot Ion: 84 Resp: 17356
Ion Ratio Lower Upper
84 100
86 59.8 44.7 82.9
49 123.3 86.2 160.2

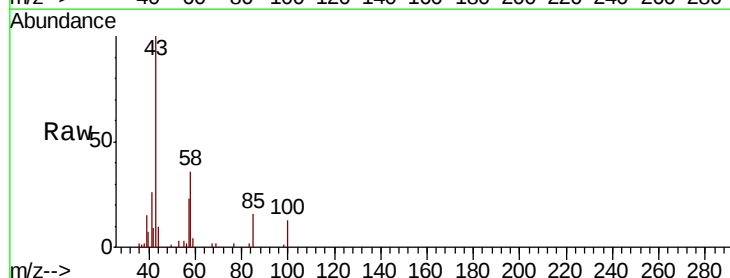


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

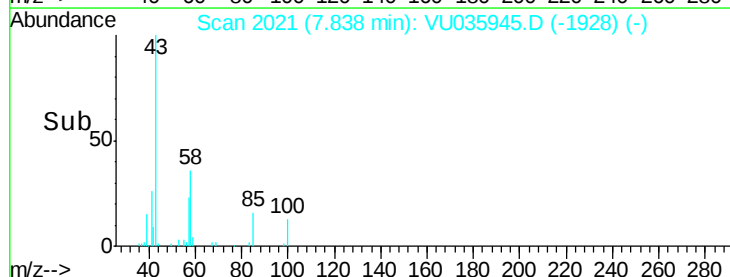
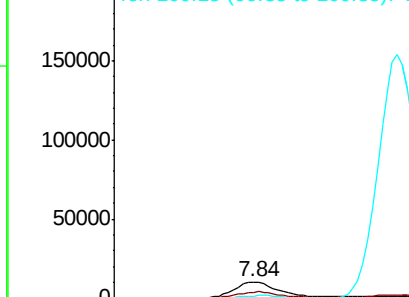


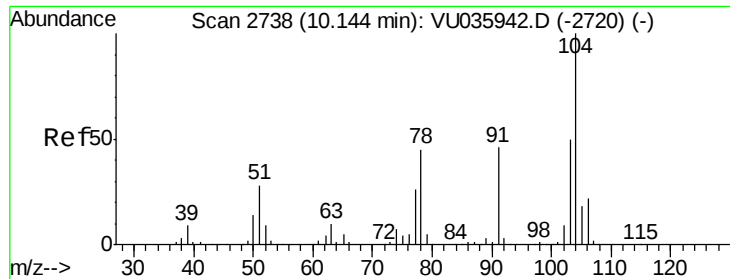
#40
4-Methyl-2-pentanone
Concen: 1.104 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU035945.D
Acq: 03 Dec 2019 13:14

Tgt Ion: 43 Resp: 20927
Ion Ratio Lower Upper
43 100
58 38.1 32.3 48.5
100 0.0 11.7 17.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0





#55

Stvrene

Concen: 0.065 ug/L

RT: 10.14 min Scan# 2738

Delta R.T. 0.00 min

Lab File: VU035945.D

Acq: 03 Dec 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

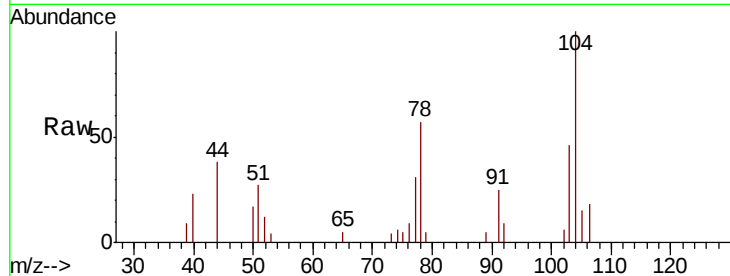
VIBLK

Tot Ion:104 Resp: 4858

Ion Ratio Lower Upper

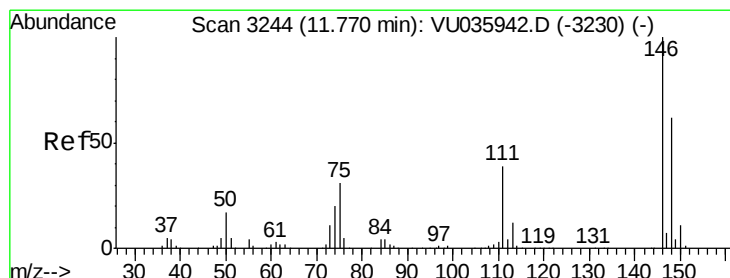
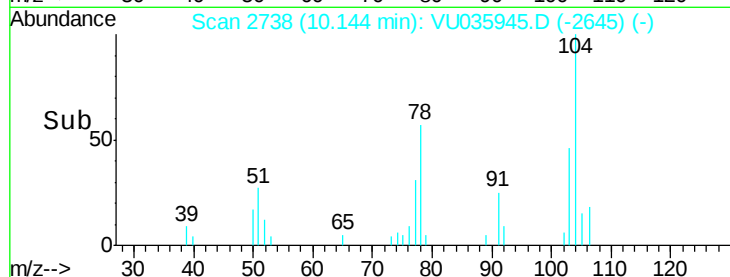
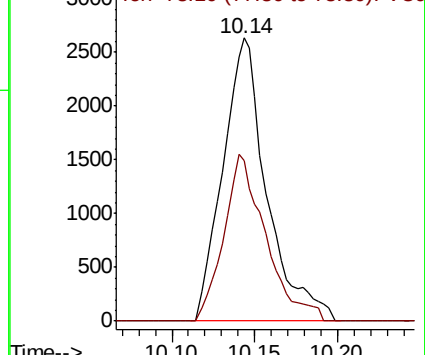
104 100

78 56.5 31.2 58.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU



#62

1,3-Dichlorobenzene

Concen: 0.171 ug/L

RT: 11.78 min Scan# 3246

Delta R.T. 0.01 min

Lab File: VU035945.D

Acq: 03 Dec 2019 13:14

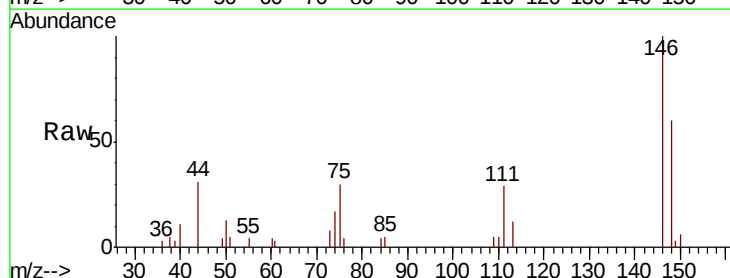
Tgt Ion:146 Resp: 7565

Ion Ratio Lower Upper

146 100

111 29.0 27.6 51.4

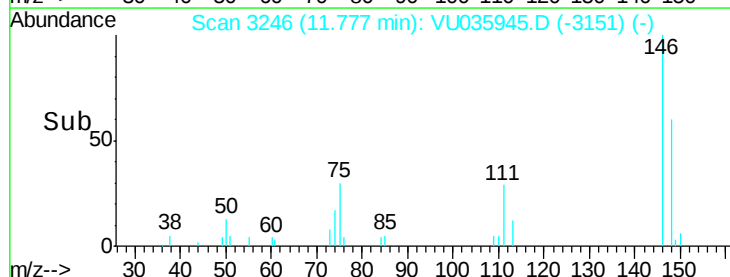
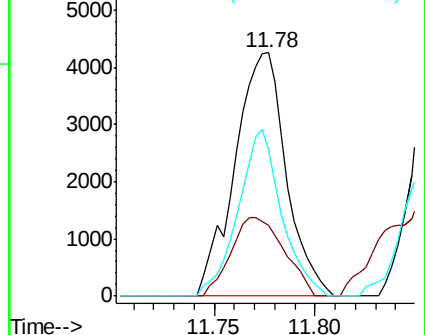
148 60.3 43.4 80.6

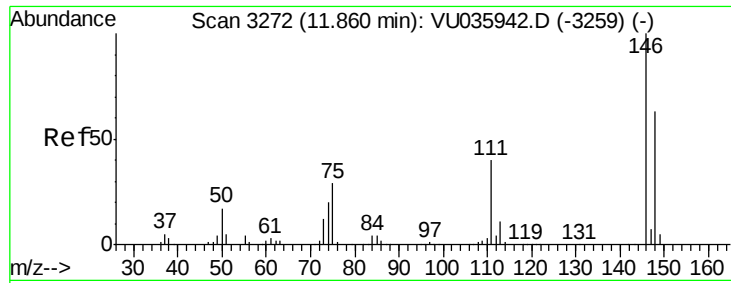


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 0.198 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU035945.D

Acq: 03 Dec 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

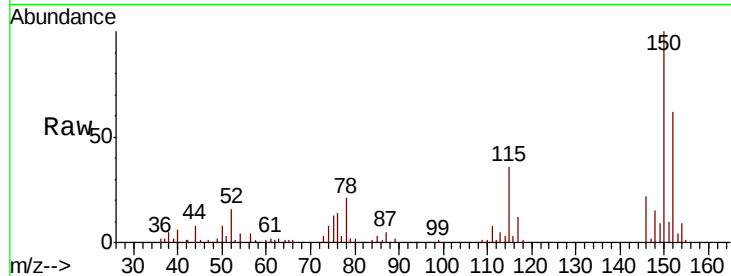
Tot Ion:146 Resp: 8731

Ion Ratio Lower Upper

146 100

111 35.5 28.5 52.9

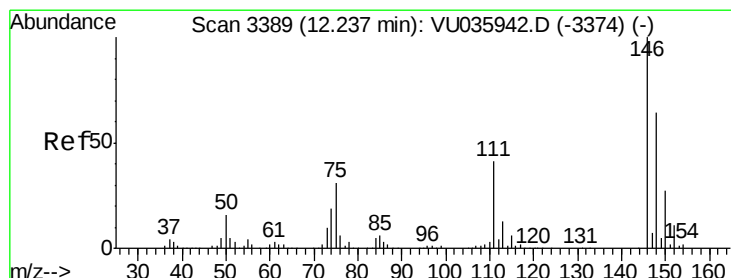
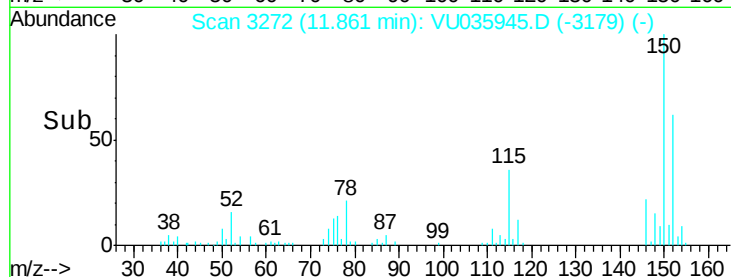
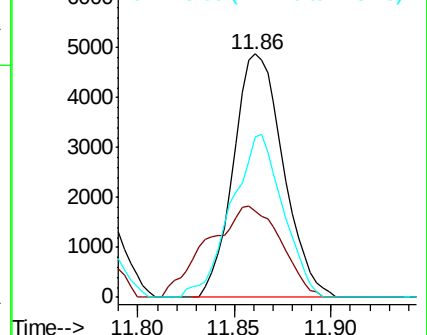
148 65.9 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.189 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU035945.D

Acq: 03 Dec 2019 13:14

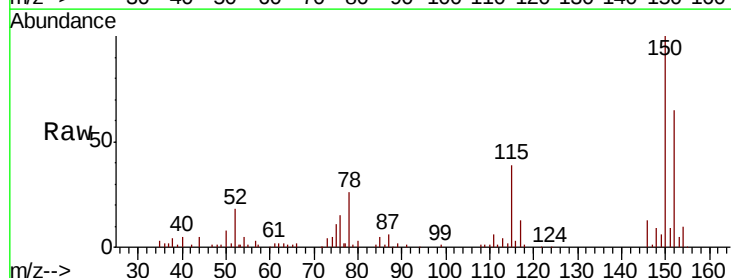
Tgt Ion:146 Resp: 8012

Ion Ratio Lower Upper

146 100

111 46.1 32.6 48.8

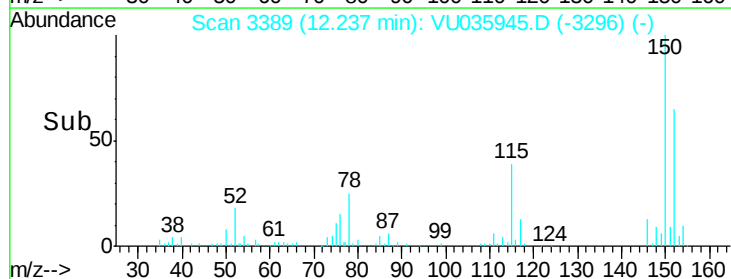
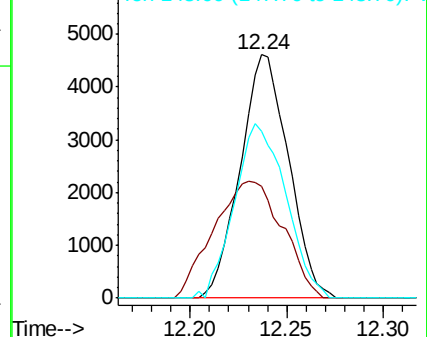
148 68.8 50.9 76.3

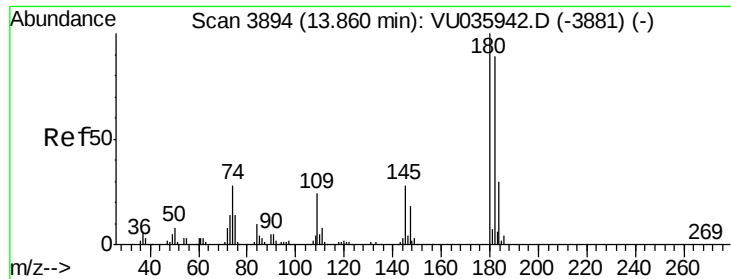


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

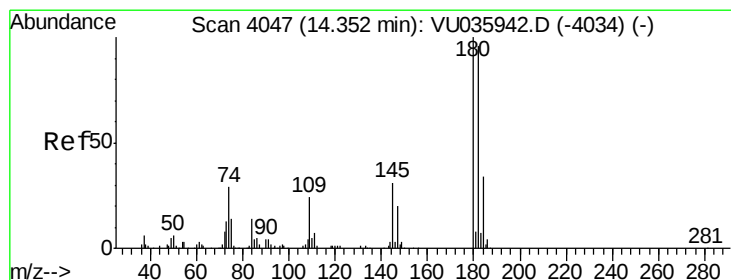
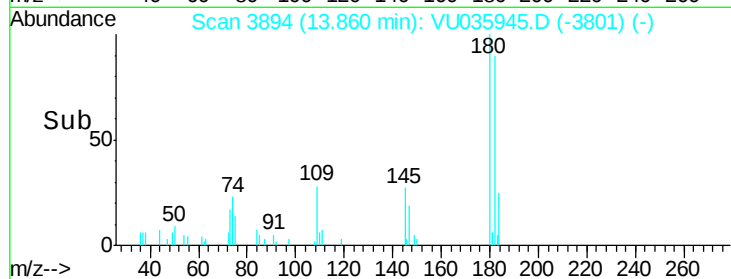
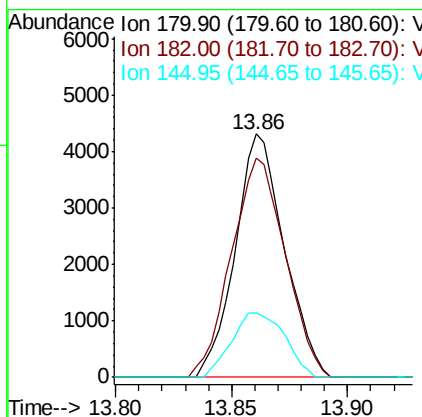
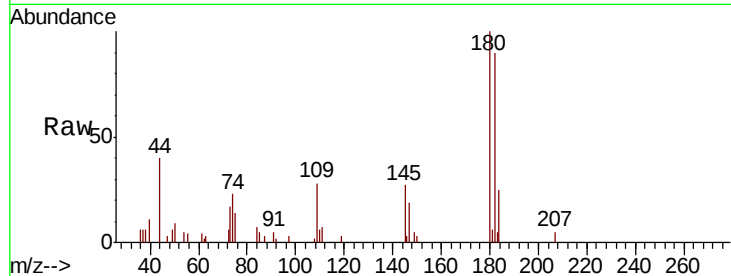




#68
 1,2,4-trichlorobenzene
 Concen: 0.391 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU035945.D
 Acq: 03 Dec 2019 13:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Tot Ion:180 Resp: 6350
 Ion Ratio Lower Upper
 180 100
 182 98.7 74.5 111.7
 145 28.6 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 0.465 ug/L
 RT: 14.35 min Scan# 4046
 Delta R.T. -0.00 min
 Lab File: VU035945.D
 Acq: 03 Dec 2019 13:14

Tgt Ion:180 Resp: 7477
 Ion Ratio Lower Upper
 180 100
 182 91.3 74.6 112.0
 145 29.0 24.3 36.5

