

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039016.D
 Acq On : 22 Jun 2020 20:01
 Operator : SY/MD
 Sample : L3061-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ2

Quant Time: Jun 23 02:15:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	270971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129112	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.93	69	93290	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.59	63	175005	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.66	46	377292	52.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	5.10	84	211760	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.74	65	129549	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	430329	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.72	67	141797	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.92	98	361442	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	46160	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.65	63	280685	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120397	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	135246	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

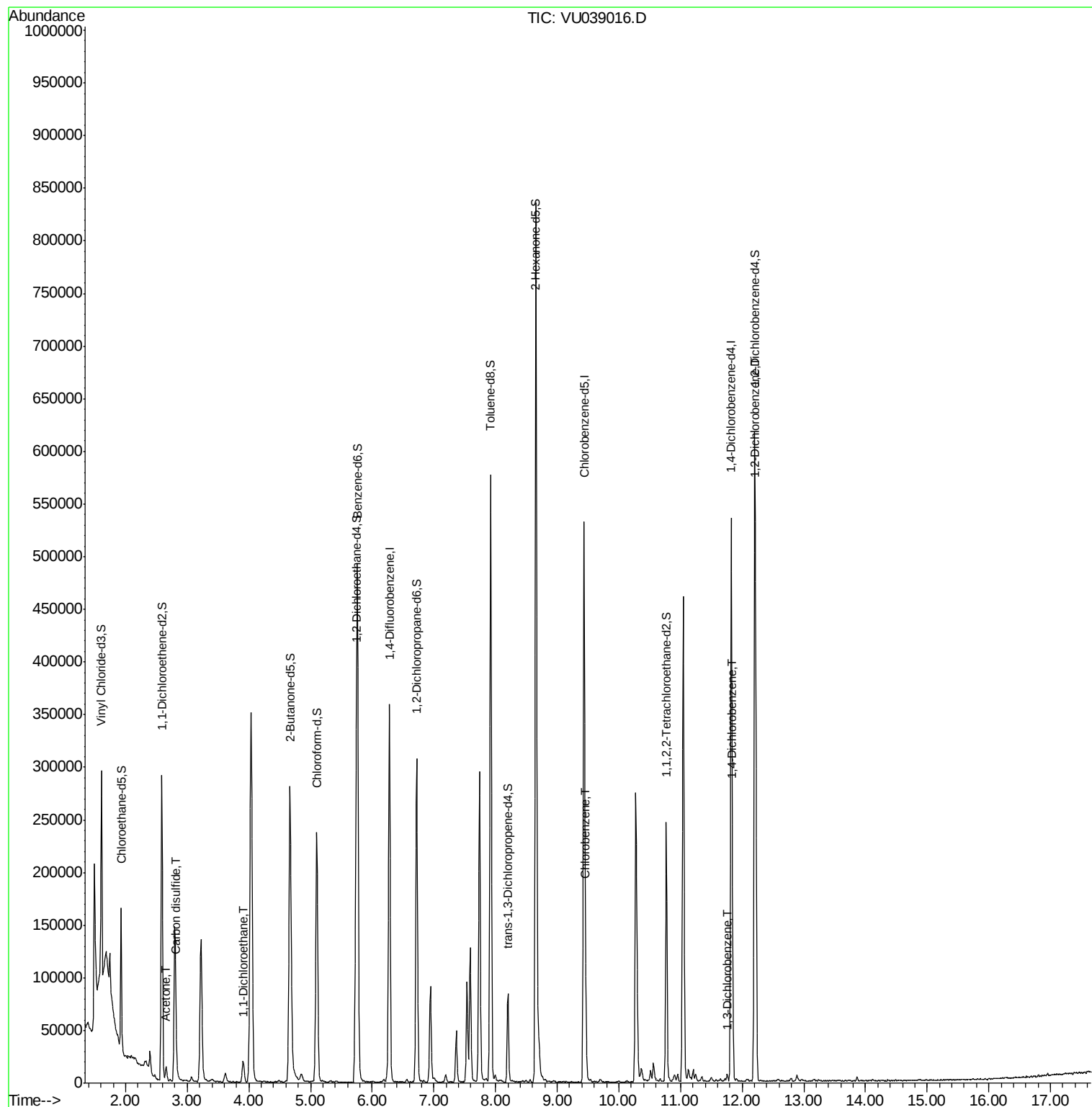
					Ovalue
13) Acetone	2.66	43	15064	3.295 ug/L	97
14) Carbon disulfide	2.83	76	7802	0.115 ug/L #	95
19) 1,1-Dichloroethane	3.91	63	23643	0.572 ug/L	96
51) Chlorobenzene	9.47	112	37280	0.647 ug/L	97
62) 1,3-Dichlorobenzene	11.75	146	2807	0.068 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	27218	0.641 ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	97039	2.413 ug/L	97

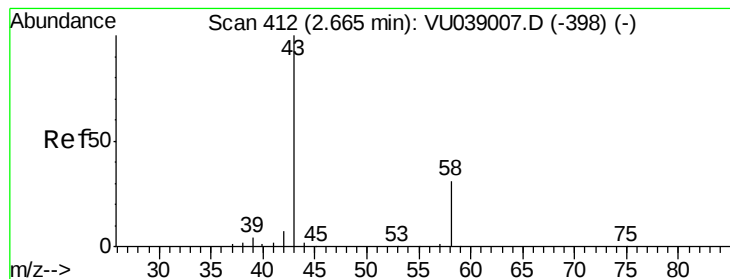
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.295 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039016.D

Acq: 22 Jun 2020 20:01

Instrument :

MSVOA_U

ClientSampleId :

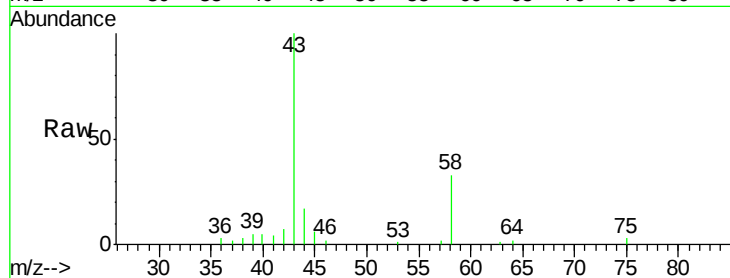
BFXJ2

Tot Ion: 43 Resp: 15064

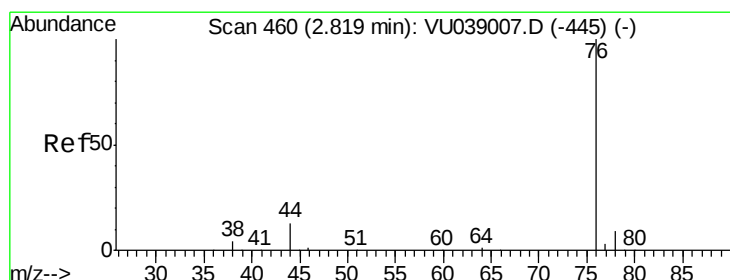
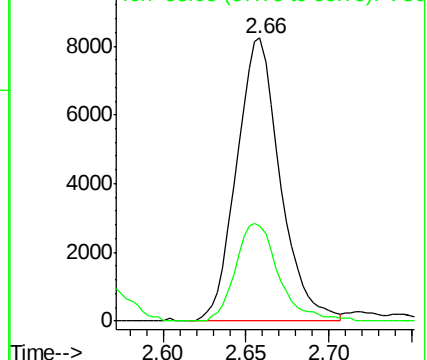
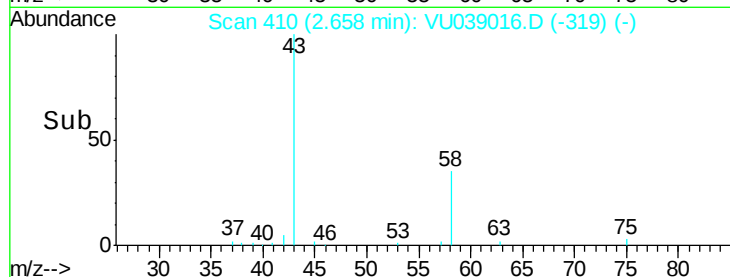
Ion Ratio Lower Upper

43 100

58 34.1 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039016.D (-319) (-)



#14

Carbon disulfide

Concen: 0.115 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.01 min

Lab File: VU039016.D

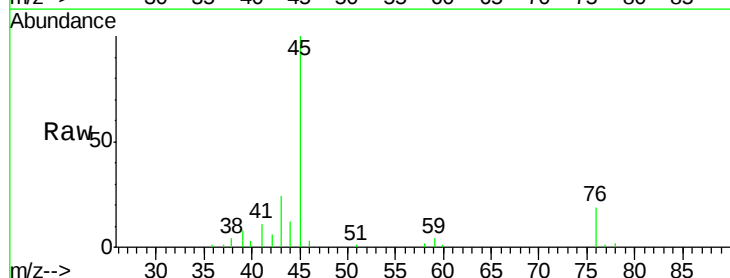
Acq: 22 Jun 2020 20:01

Tgt Ion: 76 Resp: 7802

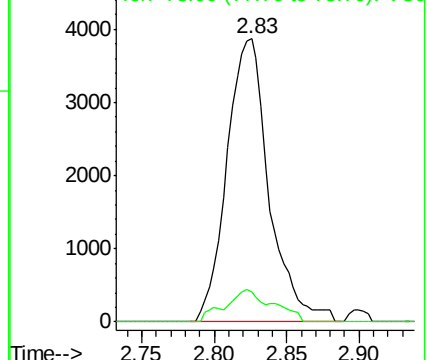
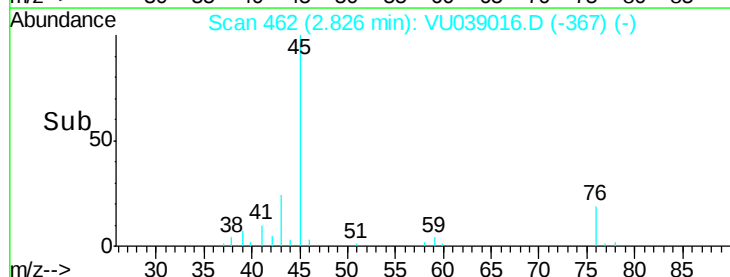
Ion Ratio Lower Upper

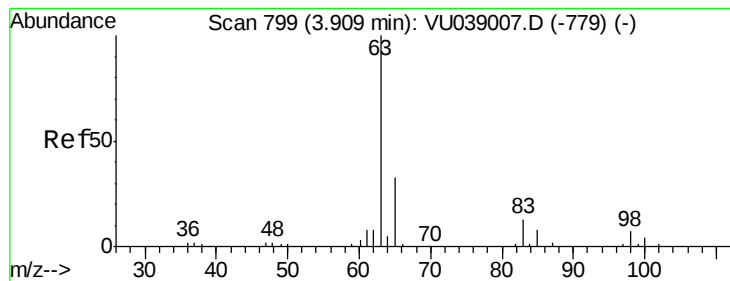
76 100

78 10.8 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU039016.D (-367) (-)





#19

1,1-Dichloroethane

Concen: 0.572 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU039016.D

Acq: 22 Jun 2020 20:01

Instrument :

MSVOA_U

ClientSampled :

BFXJ2

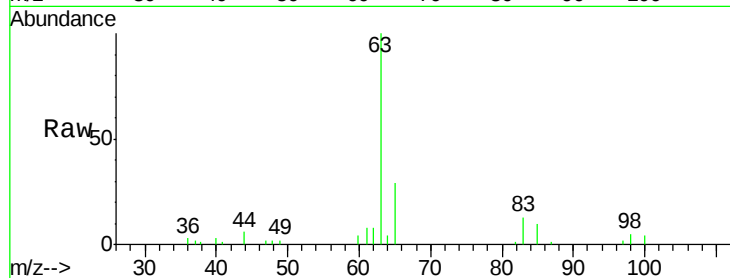
Tot Ion: 63 Resp: 23643

Ion Ratio Lower Upper

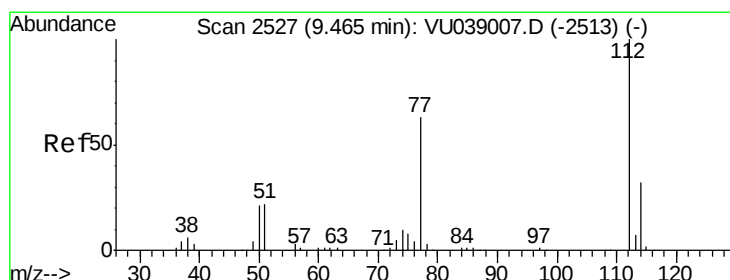
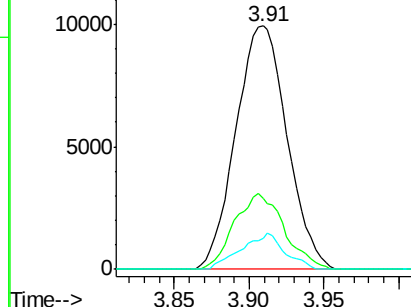
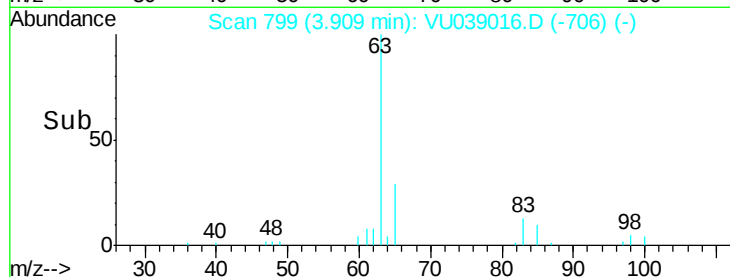
63 100

65 29.0 22.5 41.7

83 13.0 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VU039016.D (-706) (-)



#51

Chlorobenzene

Concen: 0.647 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. 0.00 min

Lab File: VU039016.D

Acq: 22 Jun 2020 20:01

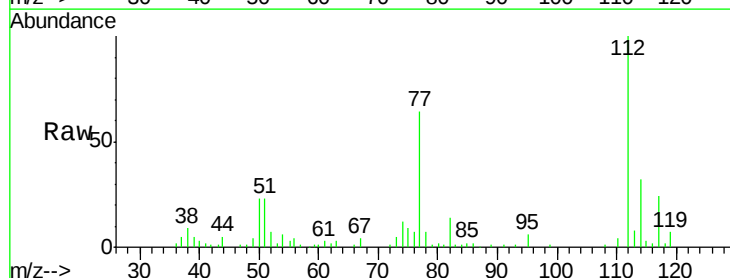
Tgt Ion: 112 Resp: 37280

Ion Ratio Lower Upper

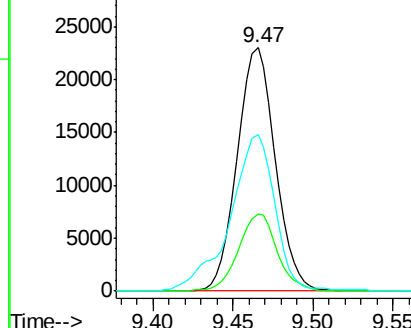
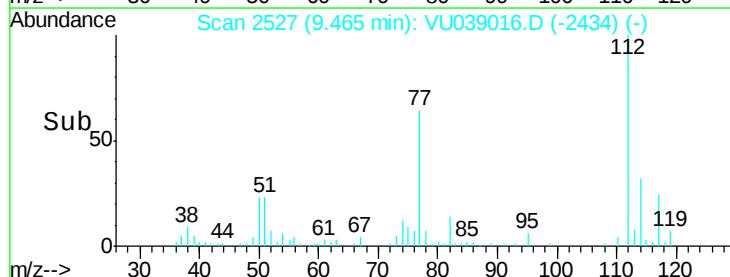
112 100

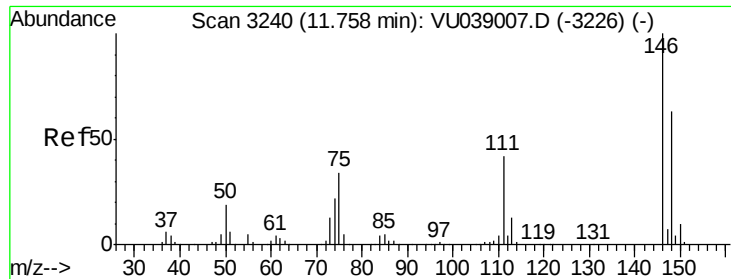
114 31.7 23.0 42.8

77 64.3 49.2 73.8



Abundance Ion 112.10 (111.80 to 112.80): VU039016.D (-2434) (-)

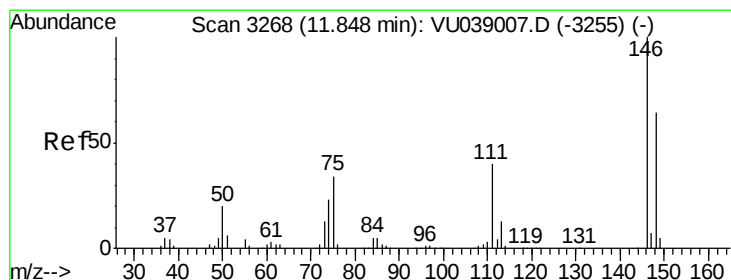
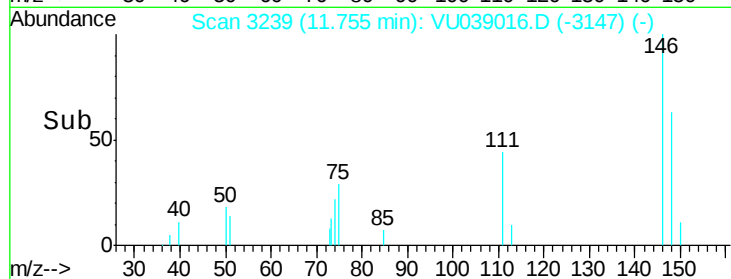
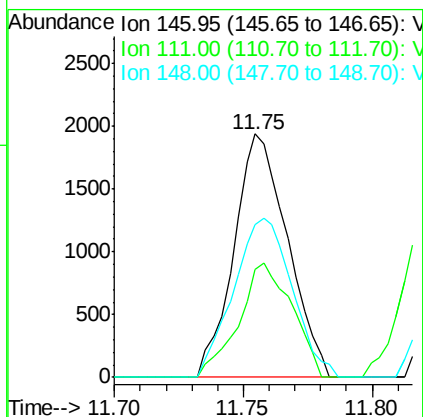
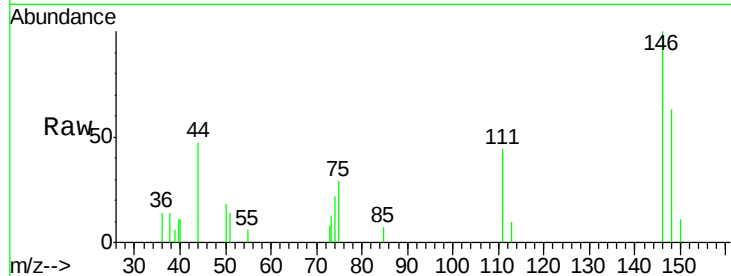




#62
 1,3-Dichlorobenzene
 Concen: 0.068 ug/L
 RT: 11.75 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU039016.D
 Acq: 22 Jun 2020 20:01

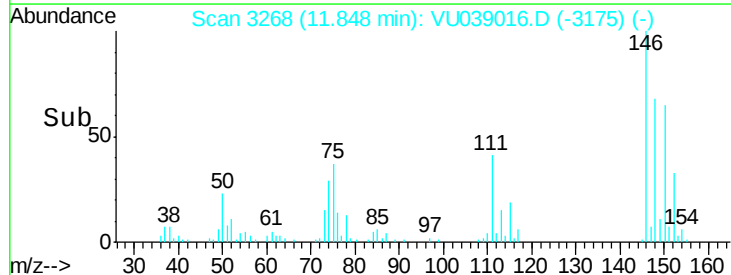
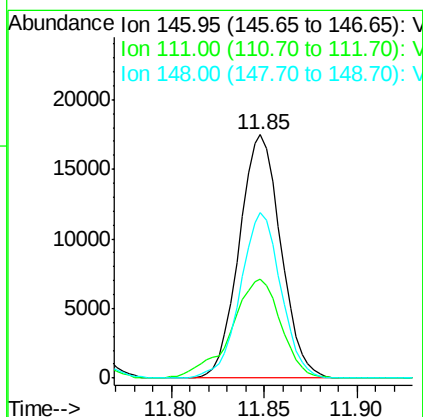
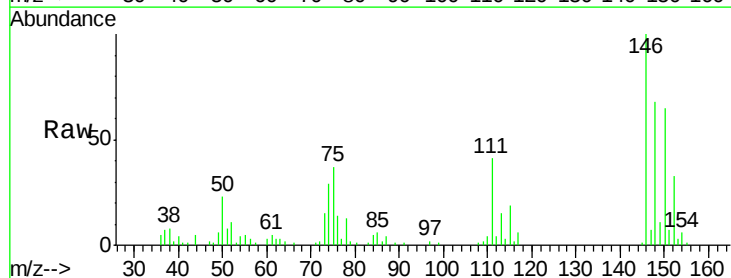
Instrument :
 MSVOA_U
 ClientSampled :
 BFXJ2

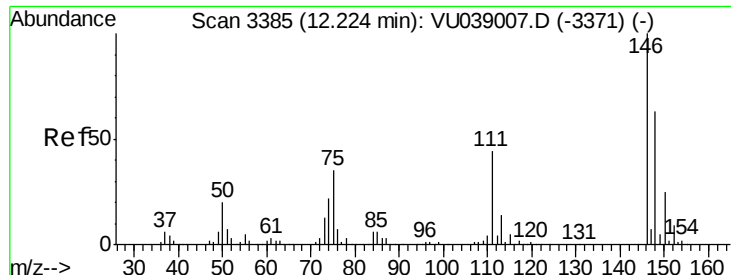
Tot Ion:146 Resp: 2807
 Ion Ratio Lower Upper
 146 100
 111 44.3 29.3 54.5
 148 62.9 43.8 81.3



#63
 1,4-Dichlorobenzene
 Concen: 0.641 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: VU039016.D
 Acq: 22 Jun 2020 20:01

Tgt Ion:146 Resp: 27218
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.9 51.7
 148 68.2 44.2 82.2





#65
 1,2-Dichlorobenzene
 Concen: 2.413 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VU039016.D
 Acq: 22 Jun 2020 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ2

Tot Ion:146 Resp: 97039
 Ion Ratio Lower Upper
 146 100
 111 45.1 34.2 51.2
 148 66.0 51.4 77.0

