

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039059.D
 Acq On : 24 Jun 2020 13:17
 Operator : SY/MD
 Sample : L3061-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ0

Quant Time: Jun 25 01:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254655	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110888	5.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.00%
7) Chloroethane-d5	1.93	69	93681	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.59	63	160469	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	4.67	46	394499	58.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.24%
24) Chloroform-d	5.10	84	206643	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.74	65	124668	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.76	84	410088	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.72	67	133315	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.92	98	347048	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
43) trans-1,3-Dichloropropene-	8.20	79	53393	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.66	63	306674	56.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120155	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	124879	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

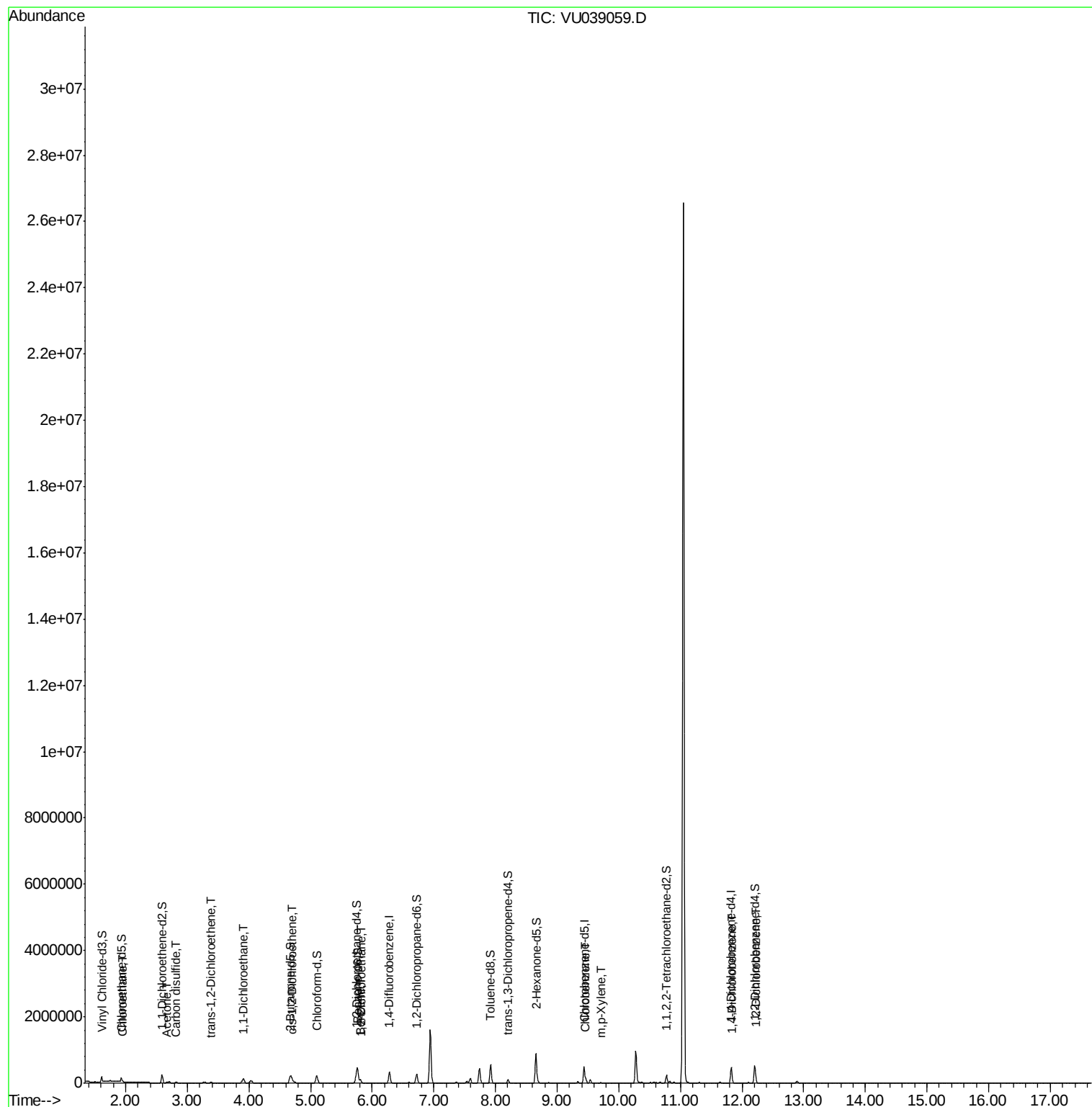
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	14958	1.003	ug/L #	63
13) Acetone	2.68	43	11813	2.585	ug/L	91
14) Carbon disulfide	2.82	76	40702	0.692	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	4989	0.264	ug/L	95
19) 1,1-Dichloroethane	3.91	63	143372	3.822	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	4250	0.209	ug/L	96
27) 1,2-Dichloroethane	5.83	62	4539	0.169	ug/L #	91
33) Benzene	5.81	78	103312	1.273	ug/L	100
51) Chlorobenzene	9.47	112	49130	0.969	ug/L	99
53) m,p-Xylene	9.71	106	3660	0.118	ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	3747	0.103	ug/L	88
65) 1,2-Dichlorobenzene	12.23	146	26378	0.745	ug/L	93

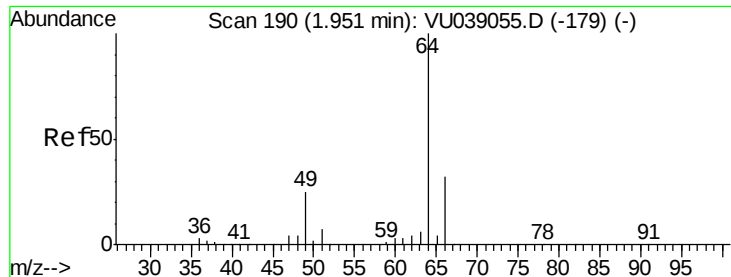
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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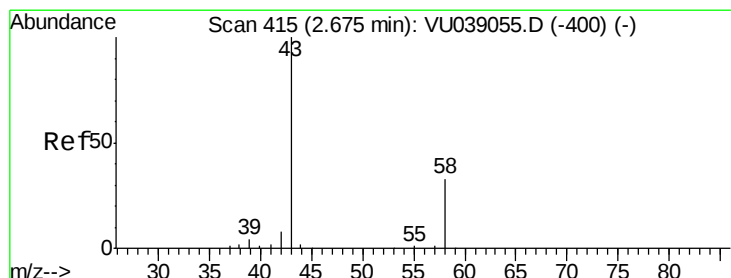
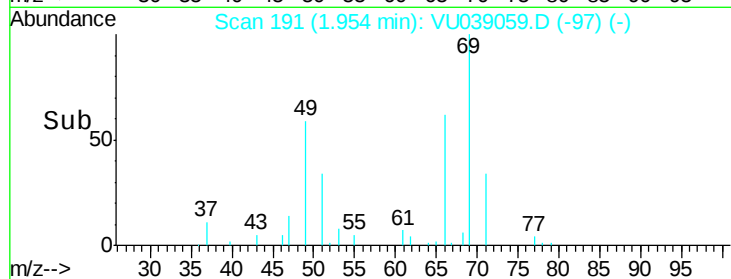
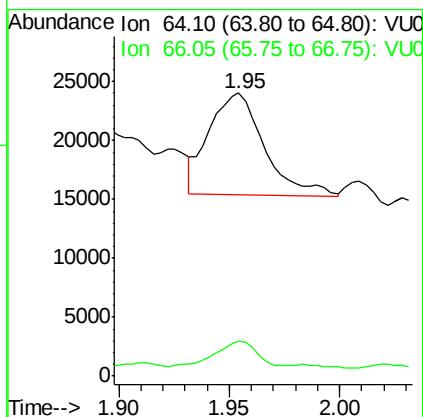
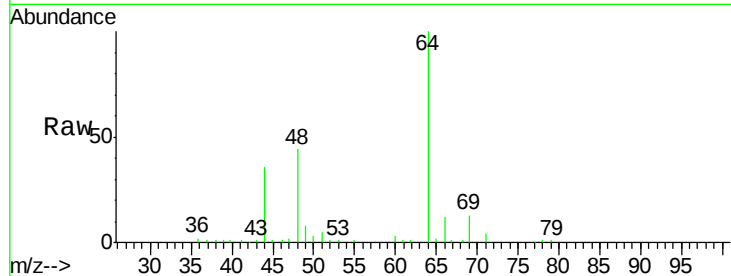




#8
Chloroethane
Concen: 1.003 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU039059.D
Acq: 24 Jun 2020 13:17

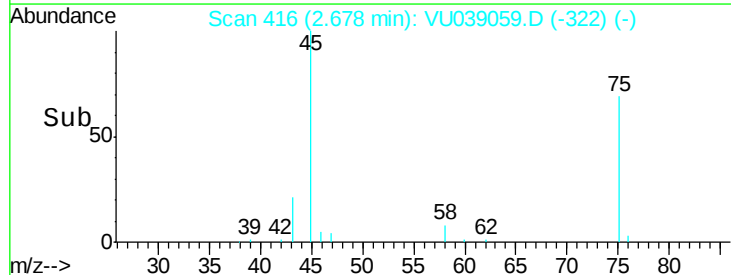
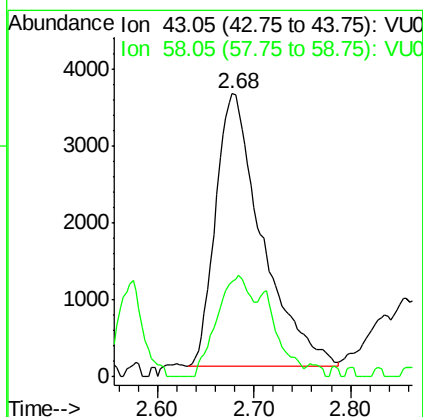
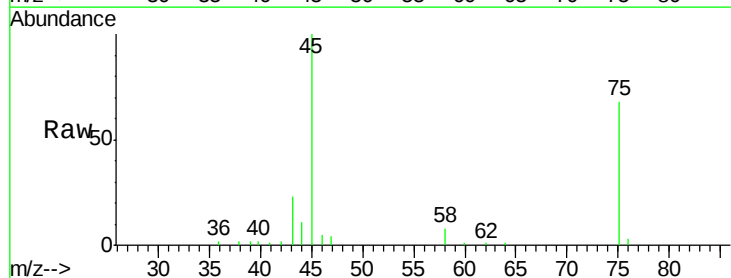
Instrument :
MSVOA_U
ClientSampleId :
BFXJ0

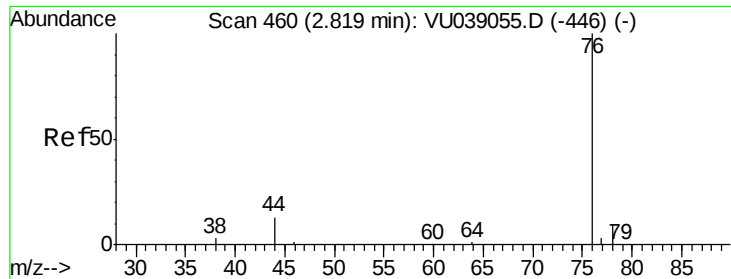
Tot Ion: 64 Resp: 14958
Ion Ratio Lower Upper
64 100
66 12.5 23.4 43.4#



#13
Acetone
Concen: 2.585 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU039059.D
Acq: 24 Jun 2020 13:17

Tgt Ion: 43 Resp: 11813
Ion Ratio Lower Upper
43 100
58 27.3 0.0 64.4





#14

Carbon disulfide

Concen: 0.692 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

Instrument :

MSVOA_U

ClientSampleId :

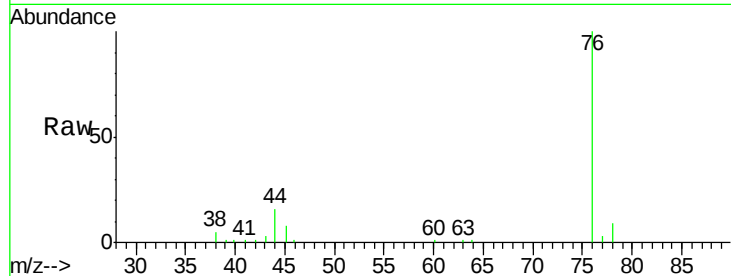
BFXJ0

Tot Ion: 76 Resp: 40702

Ion Ratio Lower Upper

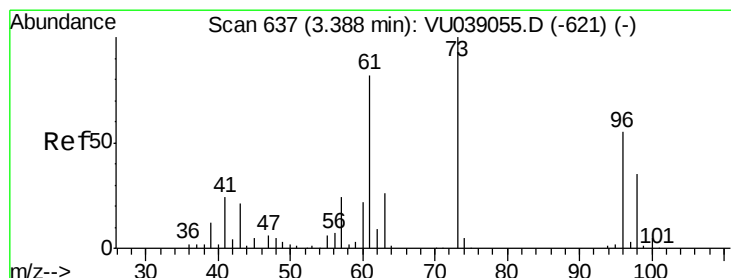
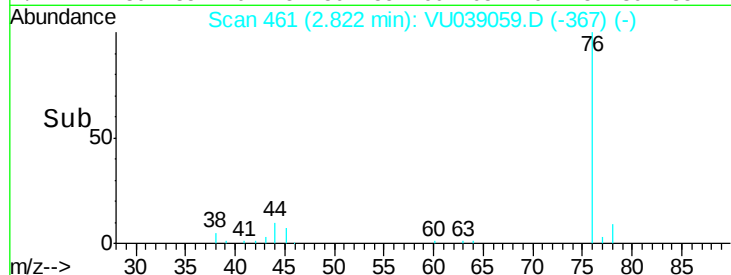
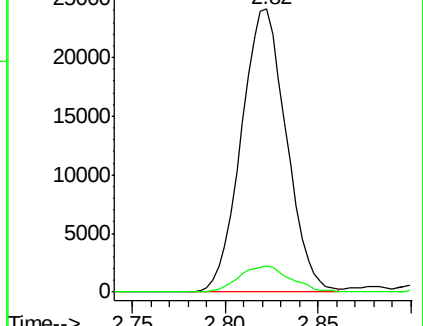
76 100

78 9.4 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VU039055.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU039055.D (-446) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

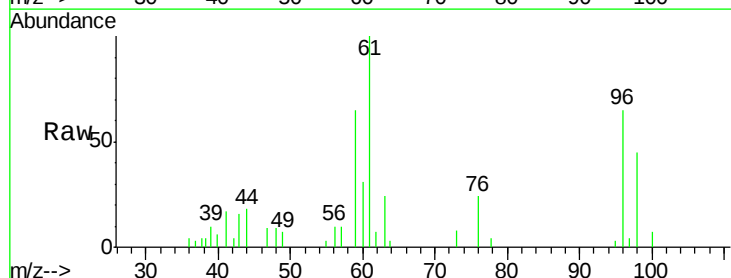
Tgt Ion: 96 Resp: 4989

Ion Ratio Lower Upper

96 100

61 152.7 103.5 192.3

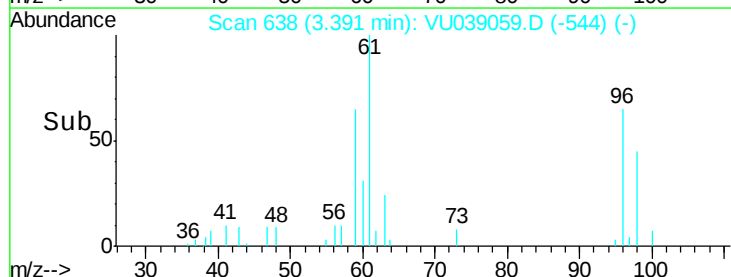
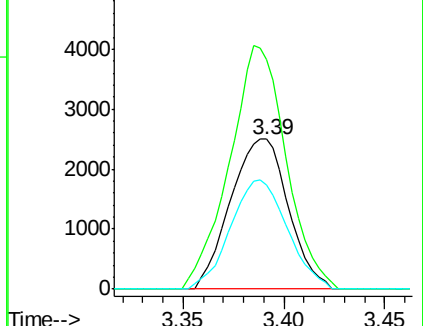
98 69.5 44.9 83.5

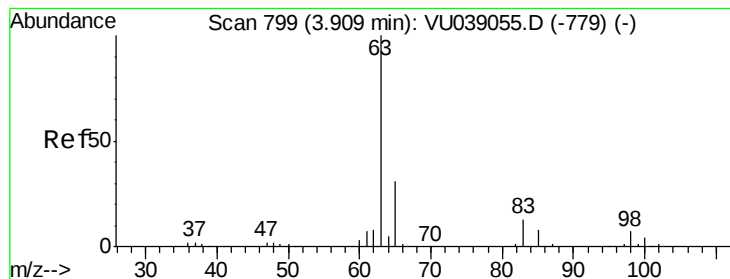


Abundance Ion 96.00 (95.70 to 96.70): VU039055.D (-621) (-)

Ion 61.05 (60.75 to 61.75): VU039055.D (-621) (-)

Ion 97.95 (97.65 to 98.65): VU039055.D (-621) (-)





#19

1,1-Dichloroethane

Concen: 3.822 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

Instrument :

MSVOA_U

ClientSampleId :

BFXJ0

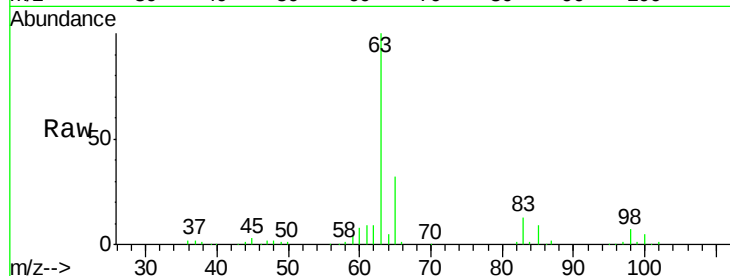
Tot Ion: 63 Resp: 143372

Ion Ratio Lower Upper

63 100

65 32.1 22.1 41.1

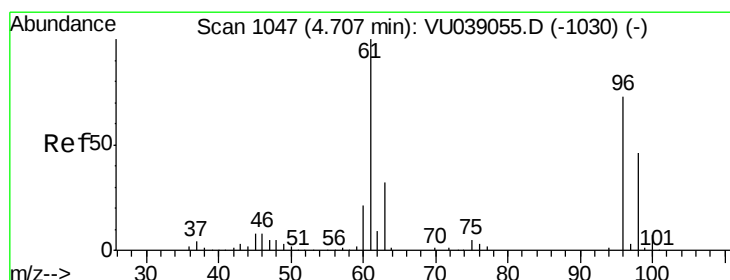
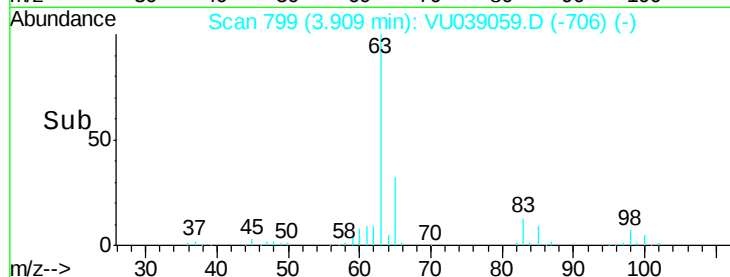
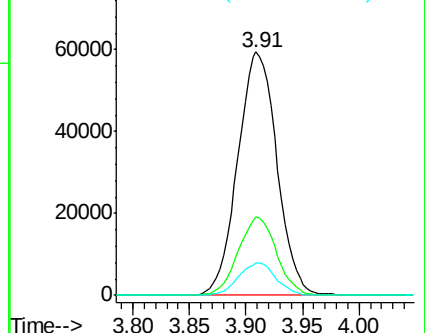
83 13.2 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU039059.D (-779) (-)

Ion 65.10 (64.80 to 65.80): VU039059.D (-779) (-)

Ion 83.05 (82.75 to 83.75): VU039059.D (-779) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.209 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

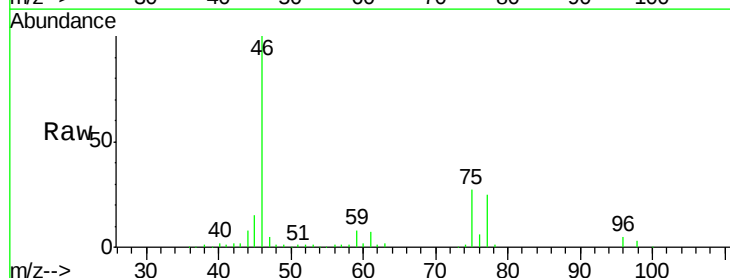
Tgt Ion: 96 Resp: 4250

Ion Ratio Lower Upper

96 100

61 148.4 100.8 187.2

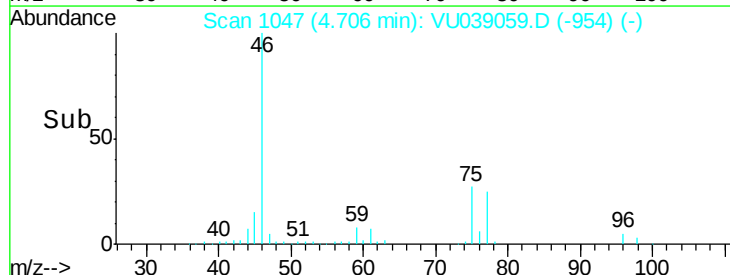
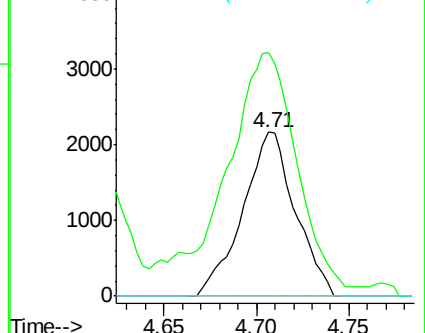
68 0.0 0.0 0.0

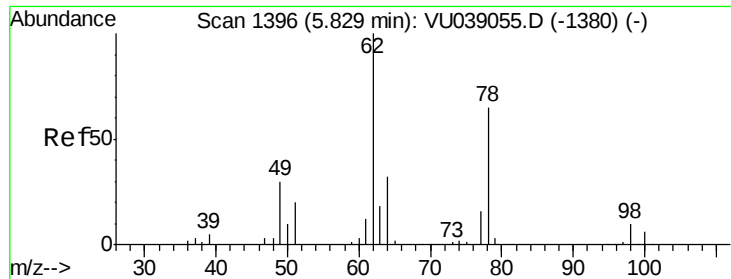


Abundance Ion 96.00 (95.70 to 96.70): VU039059.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039059.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039059.D (-954) (-)





#27

1,2-Dichloroethane

Concen: 0.169 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

Instrument :

MSVOA_U

ClientSampleId :

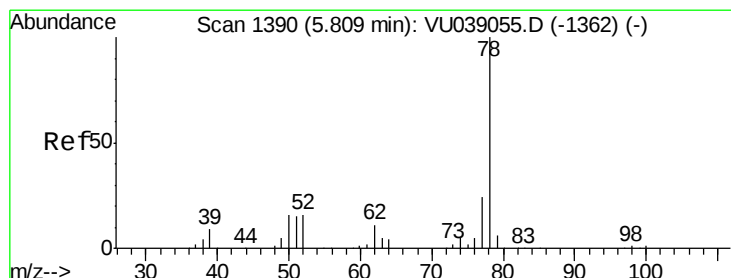
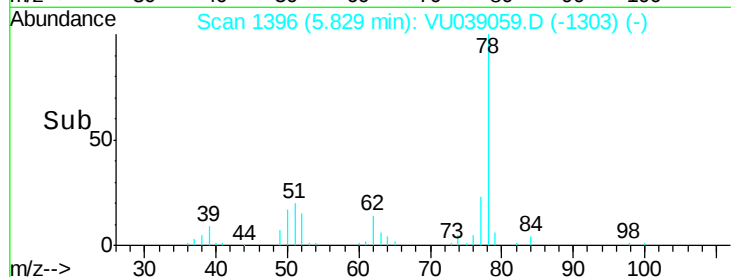
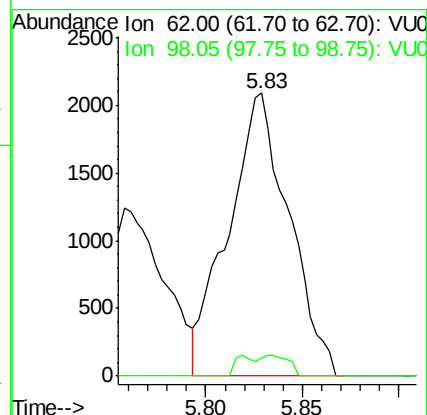
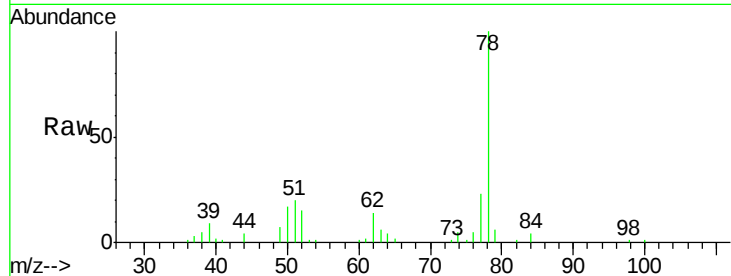
BFXJ0

Tot Ion: 62 Resp: 4539

Ion Ratio Lower Upper

62 100

98 6.5 7.7 11.5#



#33

Benzene

Concen: 1.273 ug/L

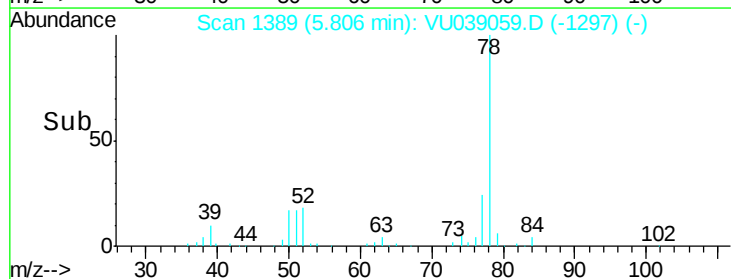
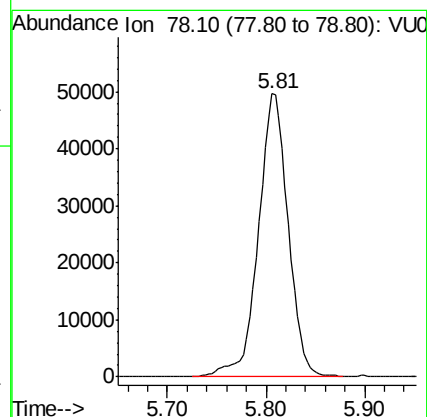
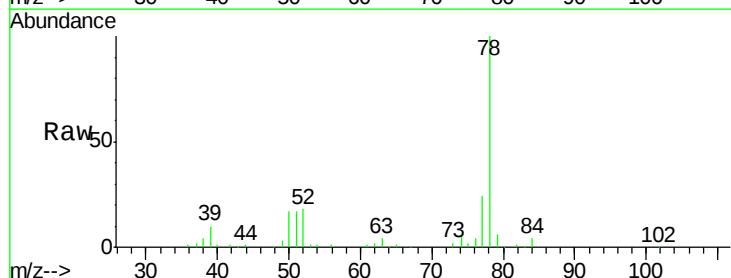
RT: 5.81 min Scan# 1389

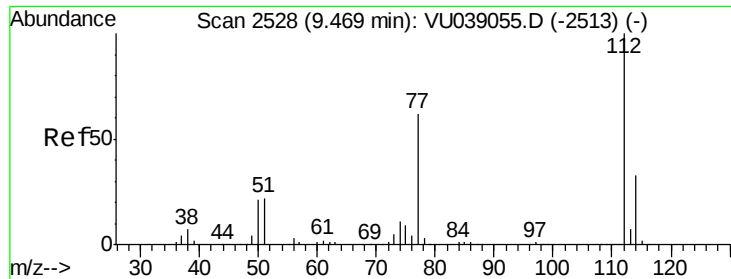
Delta R.T. -0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

Tgt Ion: 78 Resp: 103312

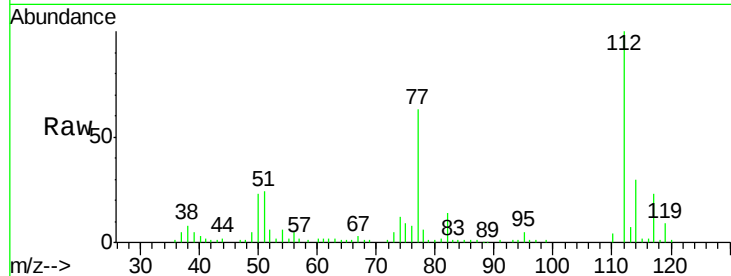




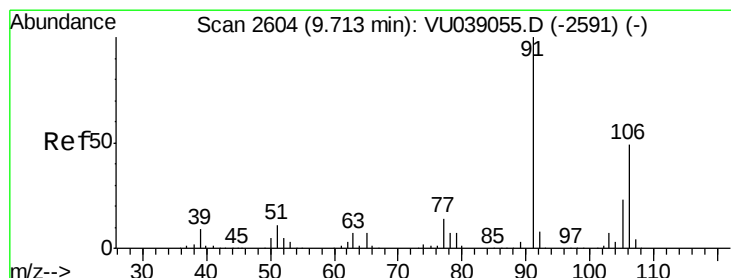
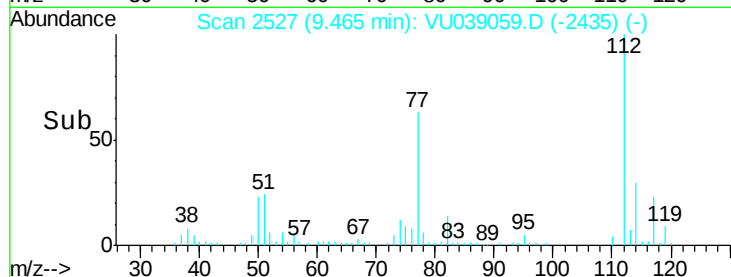
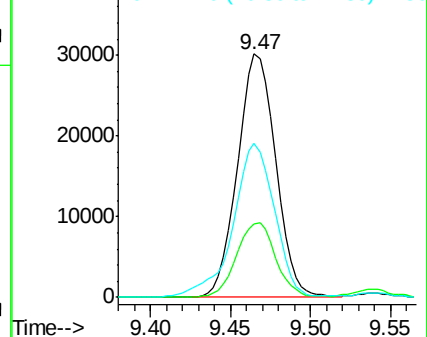
#51
Chlorobenzene
Concen: 0.969 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU039059.D
Acq: 24 Jun 2020 13:17

Instrument :
MSVOA_U
ClientSampleId :
BFXJ0

Tot Ion:112 Resp: 49130
Ion Ratio Lower Upper
112 100
114 30.1 22.0 41.0
77 63.0 50.2 75.4

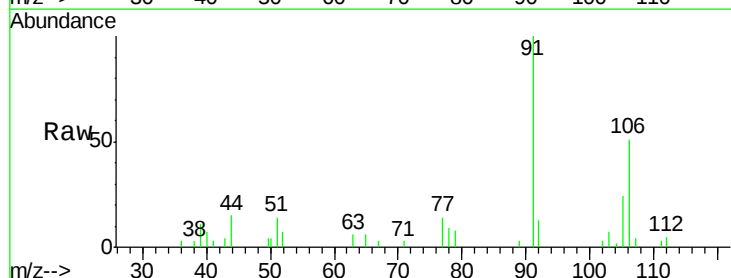


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

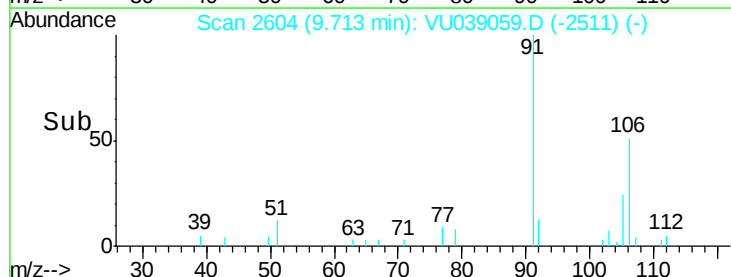
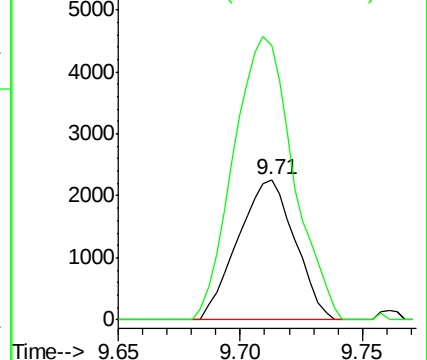


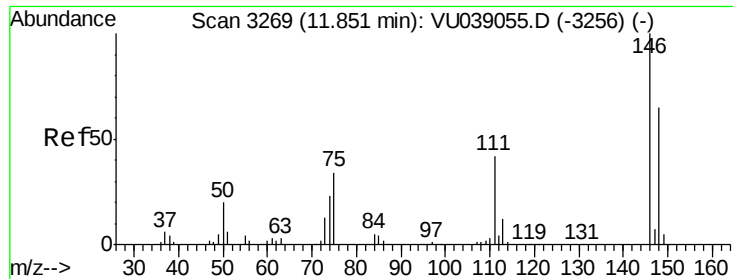
#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU039059.D
Acq: 24 Jun 2020 13:17

Tgt Ion:106 Resp: 3660
Ion Ratio Lower Upper
106 100
91 194.8 143.6 266.8



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): V





#63

1,4-Dichlorobenzene

Concen: 0.103 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

Instrument :

MSVOA_U

ClientSampleId :

BFXJ0

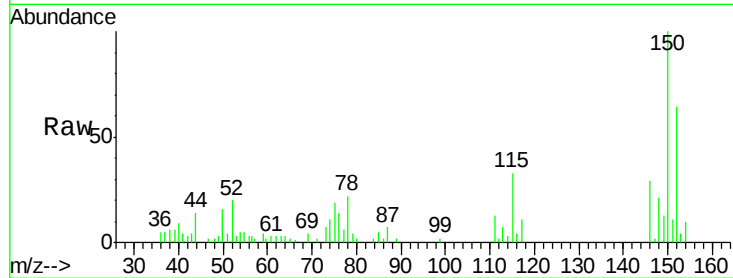
Tot Ion:146 Resp: 3747

Ion Ratio Lower Upper

146 100

111 45.1 28.4 52.8

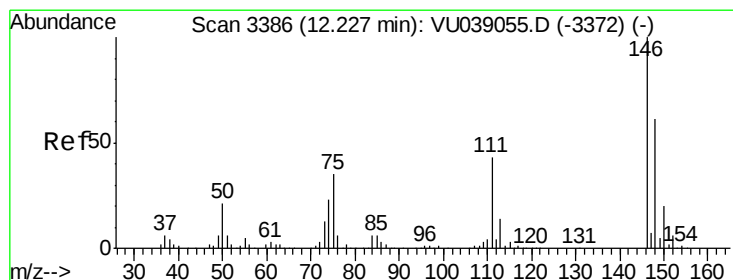
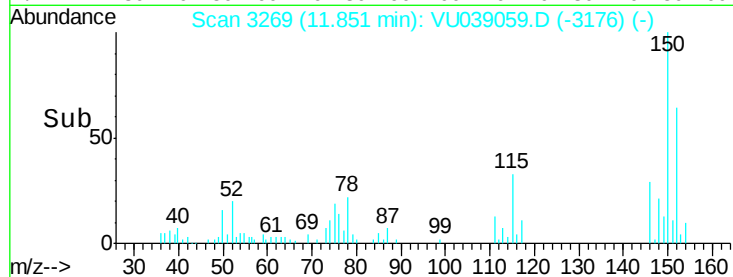
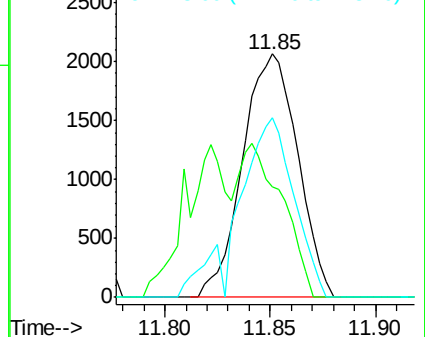
148 73.6 43.4 80.6



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



#65

1,2-Dichlorobenzene

Concen: 0.745 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU039059.D

Acq: 24 Jun 2020 13:17

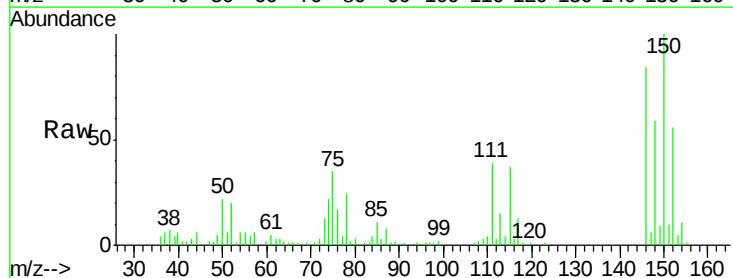
Tgt Ion:146 Resp: 26378

Ion Ratio Lower Upper

146 100

111 46.5 34.7 52.1

148 70.4 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

