

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040377.D
 Acq On : 29 Sep 2020 22:48
 Operator : SY/MD
 Sample : L4186-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E9

Quant Time: Sep 30 02:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121657	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128177	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28641	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	27250	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	45581	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	159940	53.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	5.08	84	73663	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	46129	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.75	84	127836	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	47192	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	101119	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	17522	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	116228	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46085	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47976	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

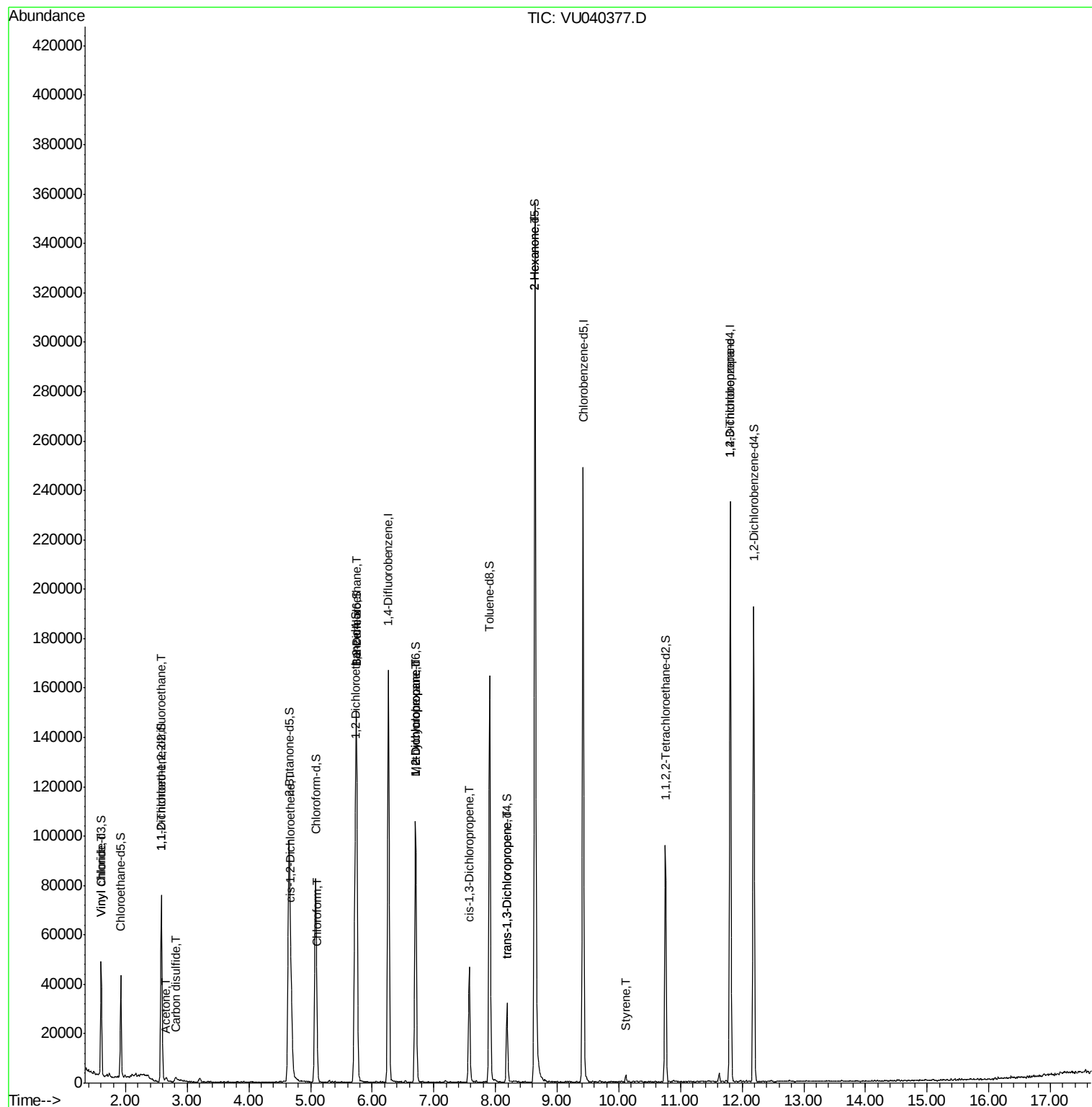
					Ovalue
5) Vinyl chloride	1.61	62	683	0.058 ug/L #	14
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	481	0.046 ug/L #	22
13) Acetone	2.66	43	3247	1.302 ug/L	78
14) Carbon disulfide	2.81	76	1377	0.047 ug/L #	75
22) cis-1,2-Dichloroethene	4.69	96	9123	0.861 ug/L	94
25) Chloroform	5.11	83	1645	0.082 ug/L	99
27) 1,2-Dichloroethane	5.74	62	891	0.064 ug/L #	74
35) Methylcyclohexane	6.70	83	10812	0.646 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5480	0.458 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1202	0.075 ug/L #	63
44) trans-1,3-Dichloropropene	8.18	75	816	0.055 ug/L #	67
48) 2-Hexanone	8.64	43	16704	2.419 ug/L #	68
55) Styrene	10.11	104	1391	0.048 ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	8574	0.988 ug/L	98

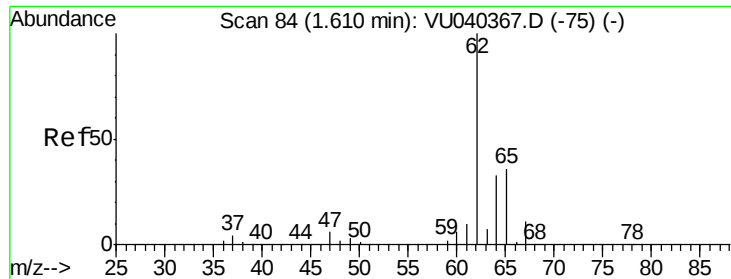
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092920\
Data File : VU040377.D
Acq On : 29 Sep 2020 22:48
Operator : SY/MD
Sample : L4186-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0E9

Quant Time: Sep 30 02:57:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.058 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040377.D

Acq: 29 Sep 2020 22:48

Instrument :

MSVOA_U

ClientSampleId :

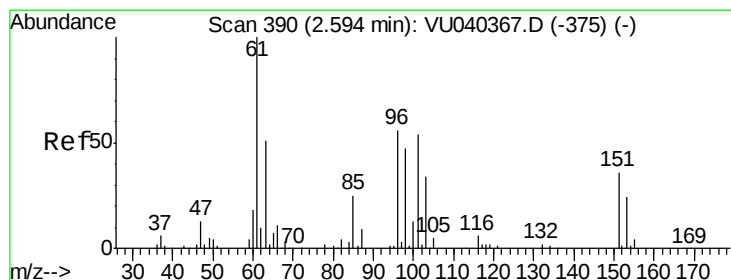
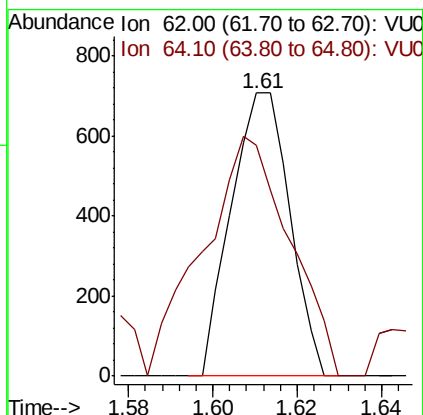
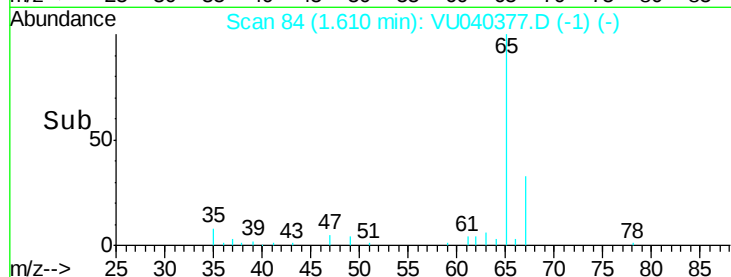
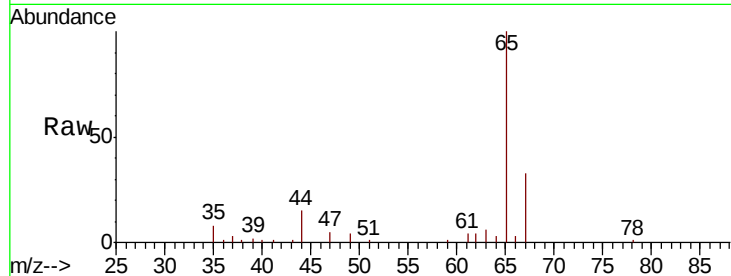
BG0E9

Tot Ion: 62 Resp: 683

Ion Ratio Lower Upper

62 100

64 81.3 23.0 42.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.046 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040377.D

Acq: 29 Sep 2020 22:48

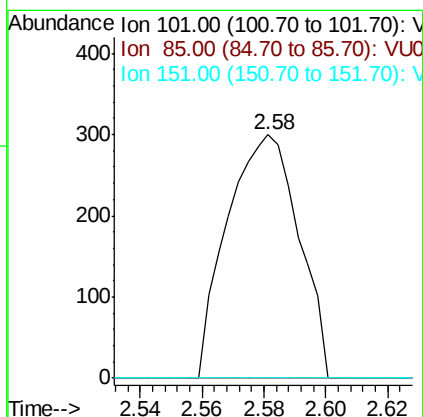
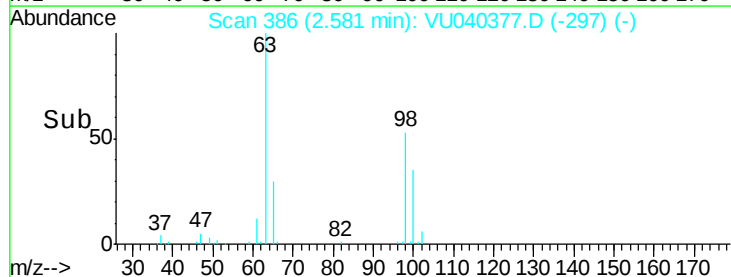
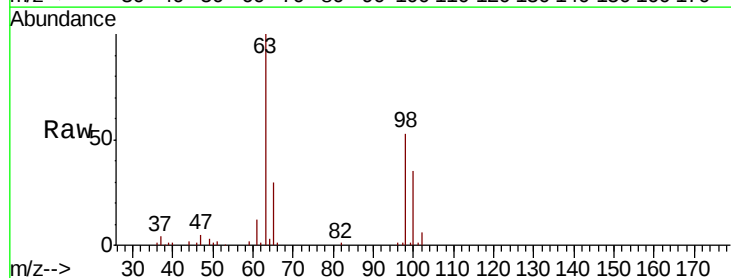
Tgt Ion: 101 Resp: 481

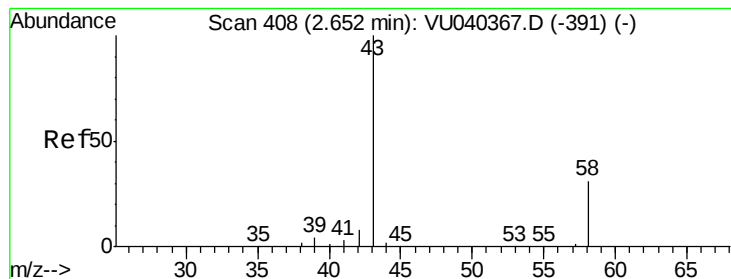
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 55.4 83.2#





#13

Acetone

Concen: 1.302 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040377.D

Acq: 29 Sep 2020 22:48

Instrument :

MSVOA_U

ClientSampled :

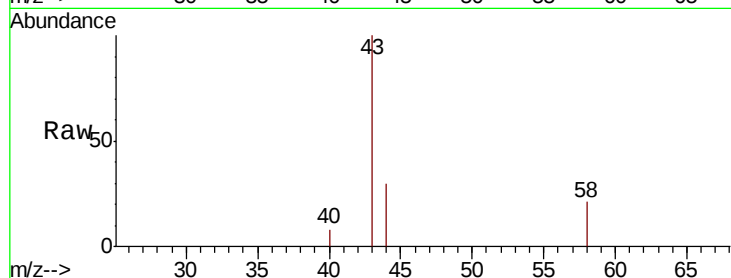
BG0E9

Tot Ion: 43 Resp: 3247

Ion Ratio Lower Upper

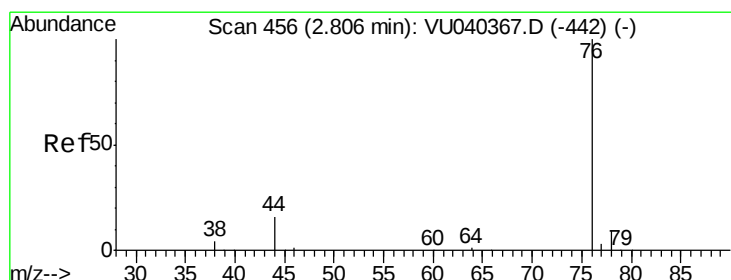
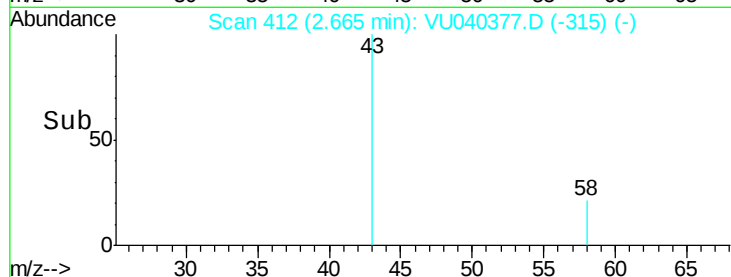
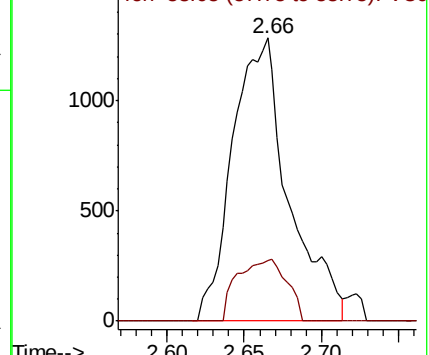
43 100

58 19.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040377.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU040377.D (-315) (-)



#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040377.D

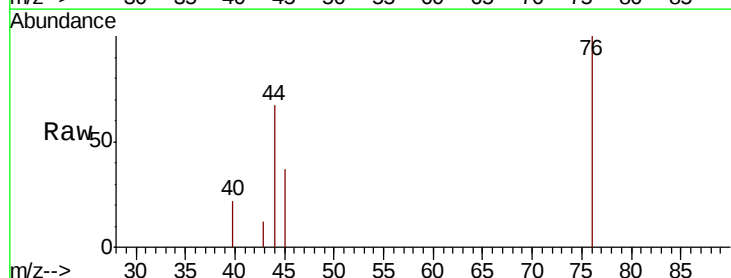
Acq: 29 Sep 2020 22:48

Tgt Ion: 76 Resp: 1377

Ion Ratio Lower Upper

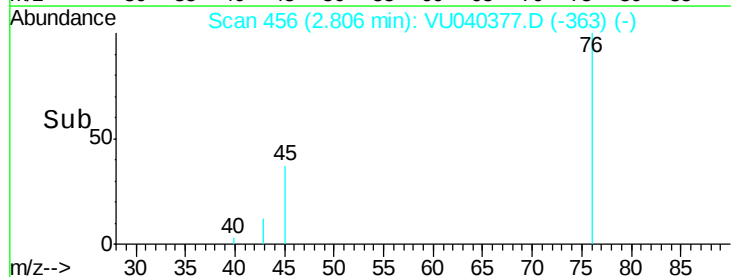
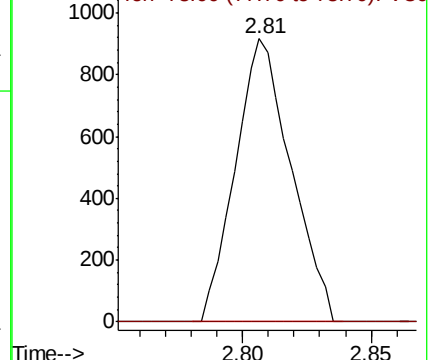
76 100

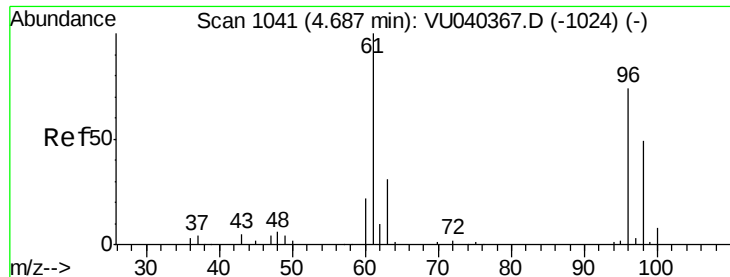
78 0.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040377.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040377.D (-363) (-)

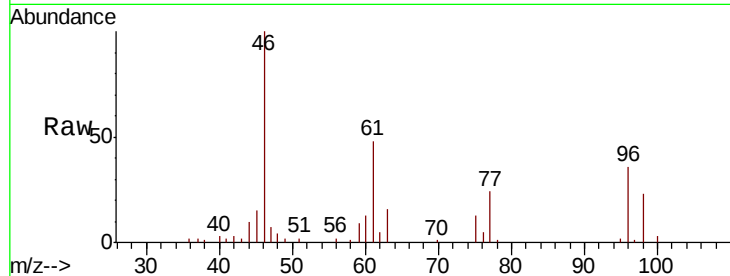




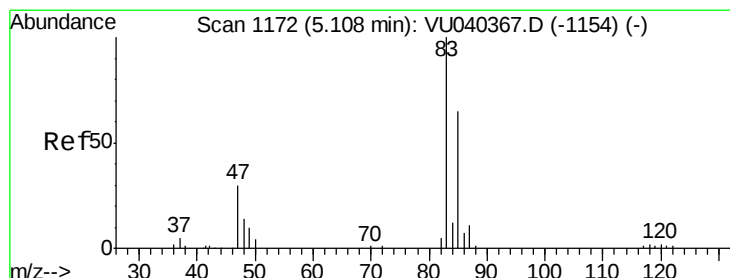
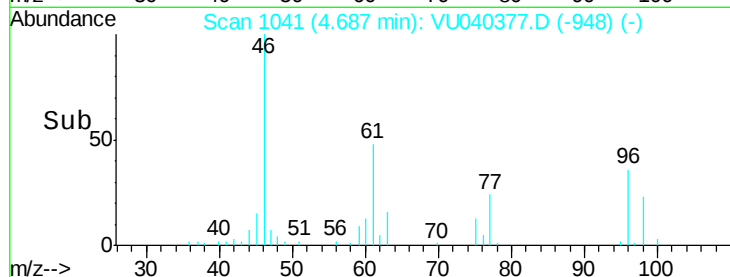
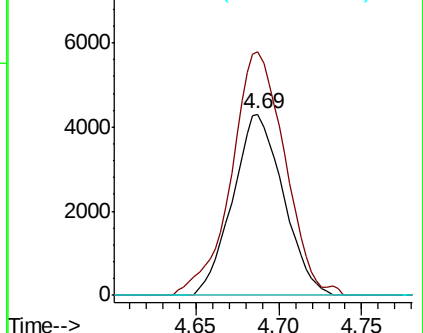
#22
 cis-1,2-Dichloroethene
 Concen: 0.861 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040377.D
 Acq: 29 Sep 2020 22:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E9

Tot Ion: 96 Resp: 9123
 Ion Ratio Lower Upper
 96 100
 61 134.3 99.3 184.5
 68 0.0 0.0 0.0

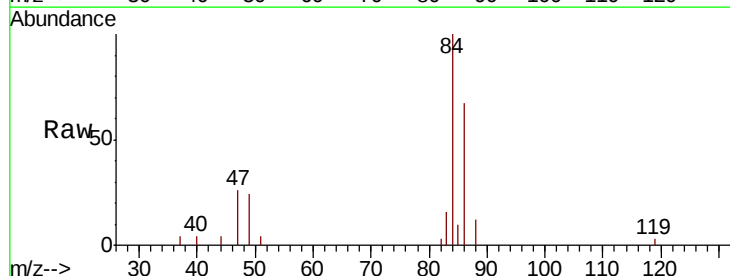


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

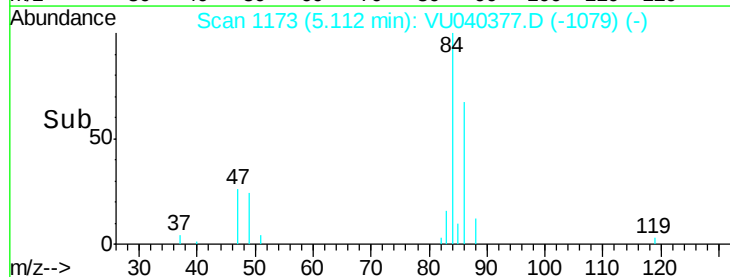
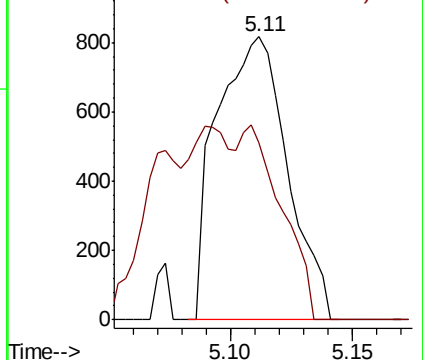


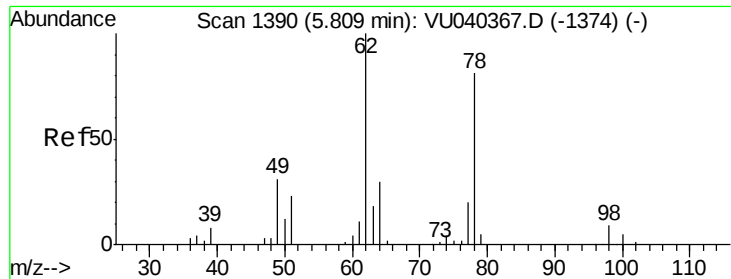
#25
 Chloroform
 Concen: 0.082 ug/L
 RT: 5.11 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU040377.D
 Acq: 29 Sep 2020 22:48

Tgt Ion: 83 Resp: 1645
 Ion Ratio Lower Upper
 83 100
 85 62.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

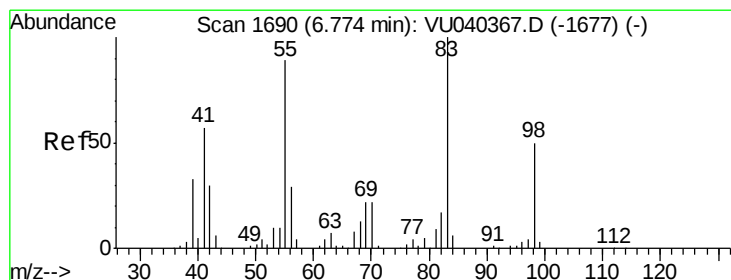
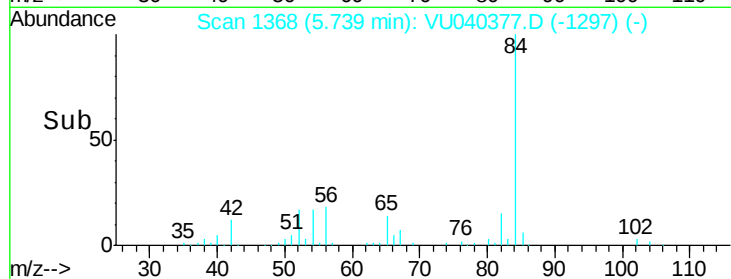
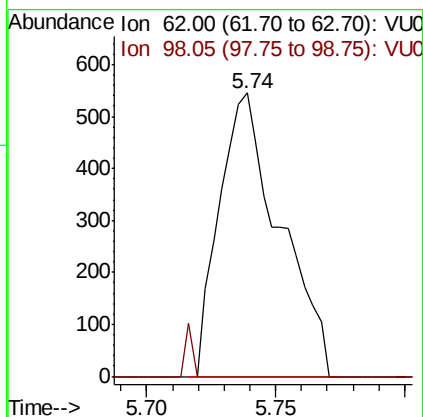
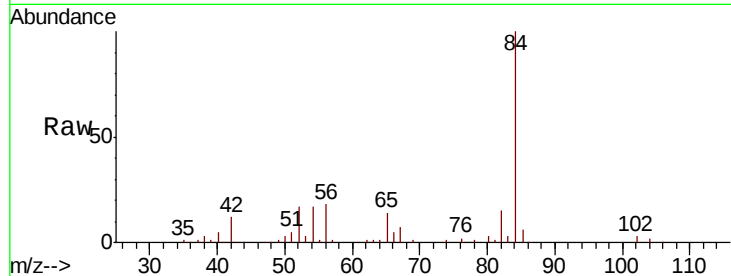




#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040377.D
 Acq: 29 Sep 2020 22:48

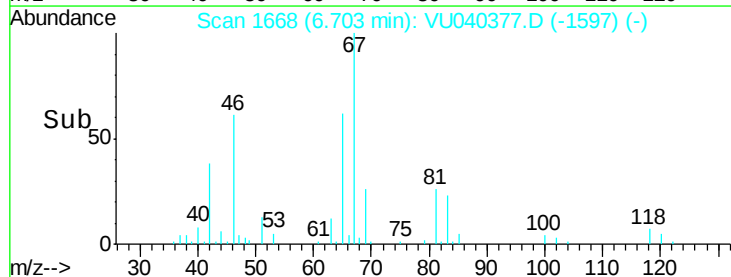
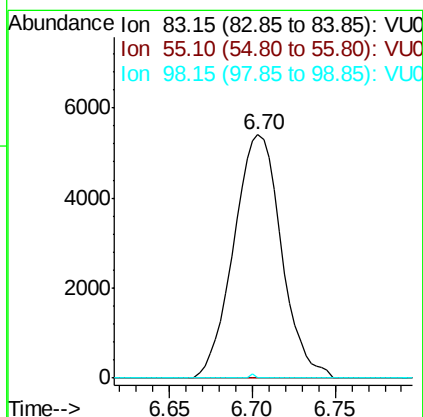
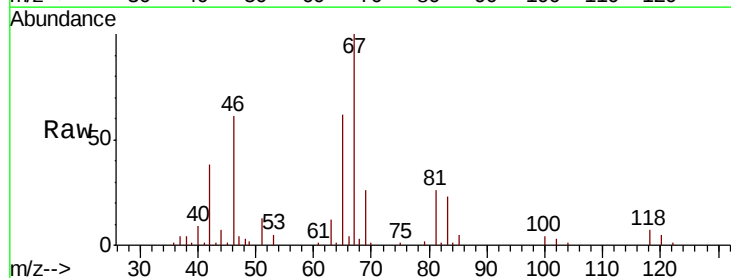
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E9

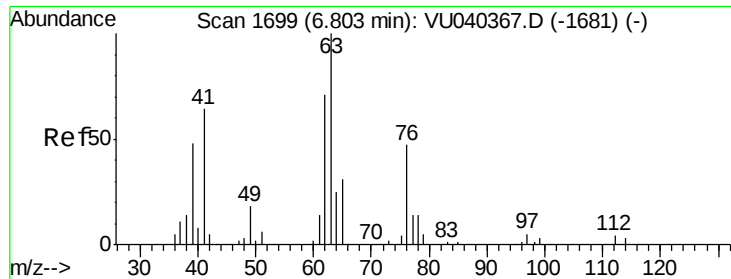
Tot Ion: 62 Resp: 891
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.646 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040377.D
 Acq: 29 Sep 2020 22:48

Tgt Ion: 83 Resp: 10812
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.2 38.5 57.7#

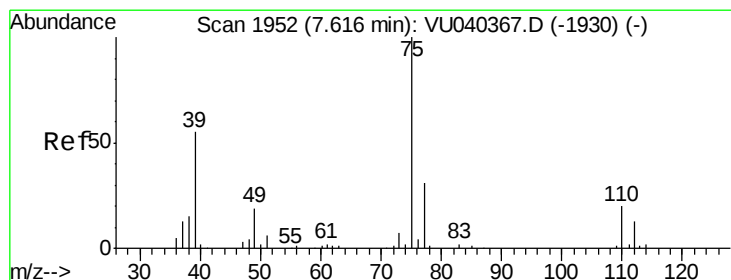
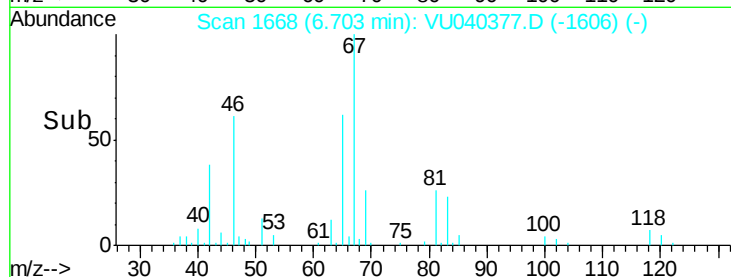
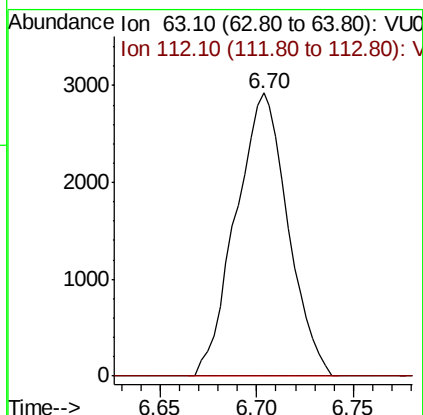
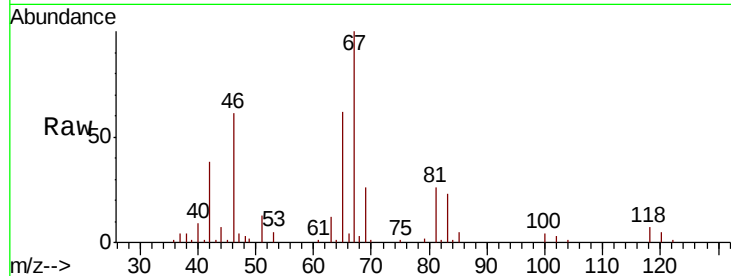




#37
 1,2-Dichloropropane
 Concen: 0.458 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040377.D
 Acq: 29 Sep 2020 22:48

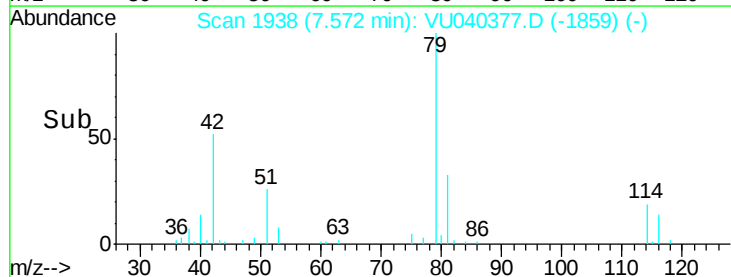
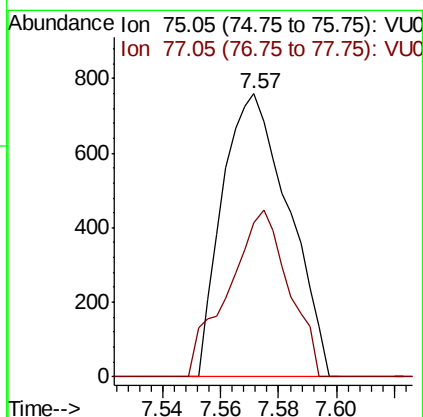
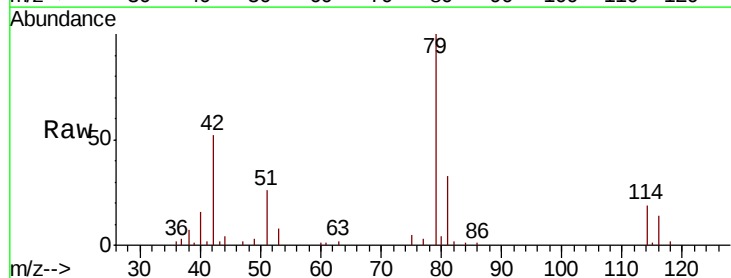
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E9

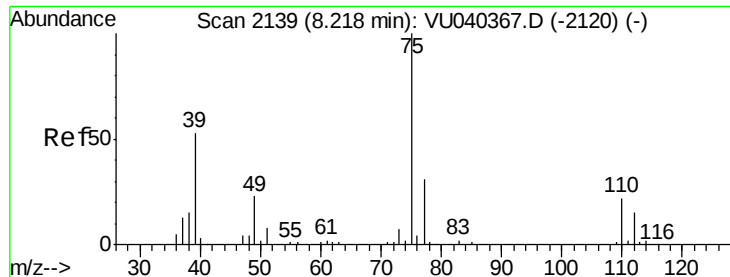
Tot Ion: 63 Resp: 5480
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040377.D
 Acq: 29 Sep 2020 22:48

Tgt Ion: 75 Resp: 1202
 Ion Ratio Lower Upper
 75 100
 77 54.4 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU040377.D

Acq: 29 Sep 2020 22:48

Instrument :

MSVOA_U

ClientSampleId :

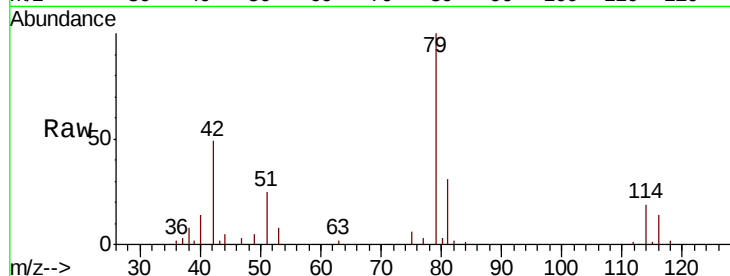
BG0E9

Tot Ion: 75 Resp: 816

Ion Ratio Lower Upper

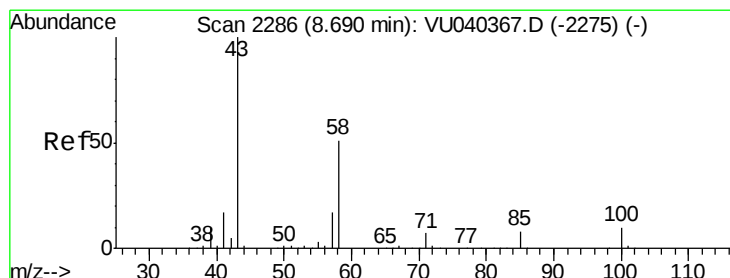
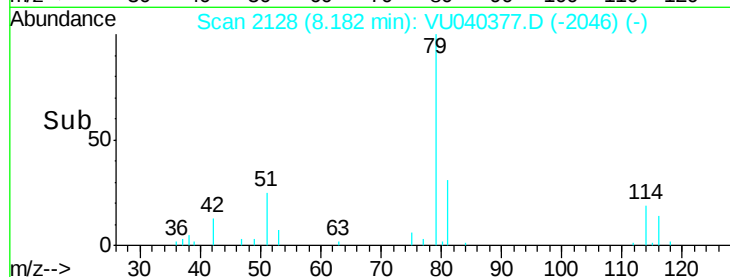
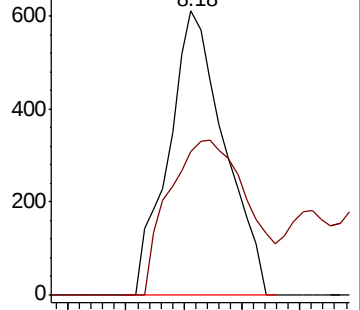
75 100

77 50.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.419 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040377.D

Acq: 29 Sep 2020 22:48

Tgt Ion: 43 Resp: 16704

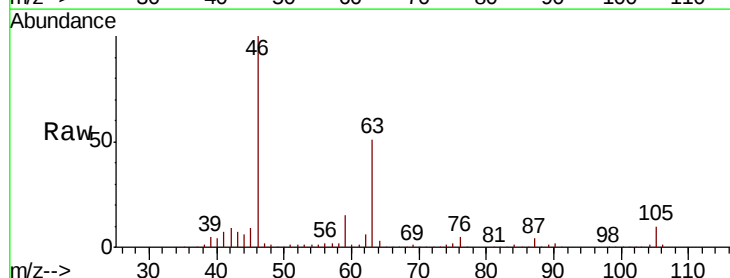
Ion Ratio Lower Upper

43 100

58 28.0 41.0 61.4#

57 32.0 14.6 22.0#

100 0.9 8.2 12.4#

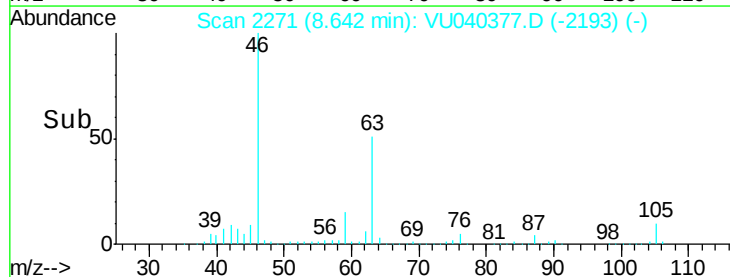
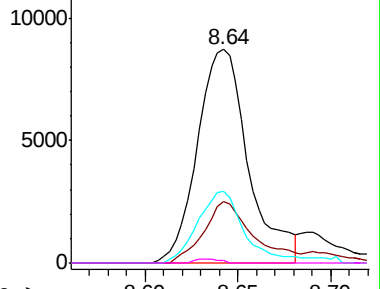


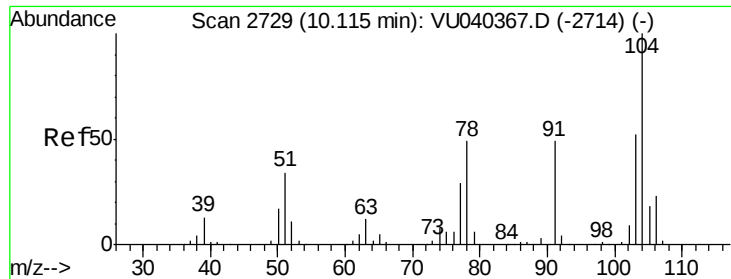
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#55

Stvrene

Concen: 0.048 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040377.D

Acq: 29 Sep 2020 22:48

Instrument :

MSVOA_U

ClientSampleId :

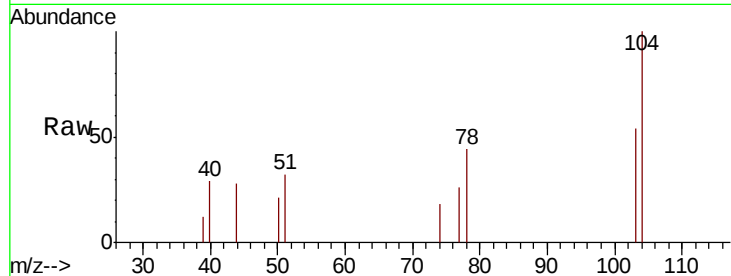
BG0E9

Tot Ion:104 Resp: 1391

Ion Ratio Lower Upper

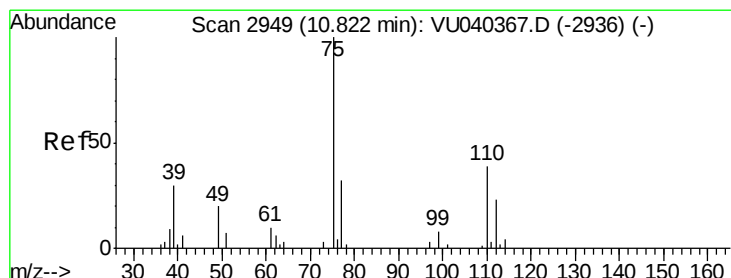
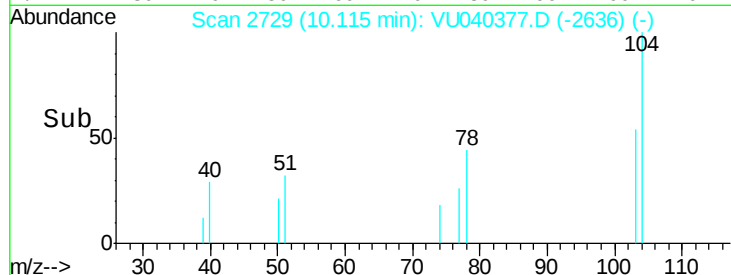
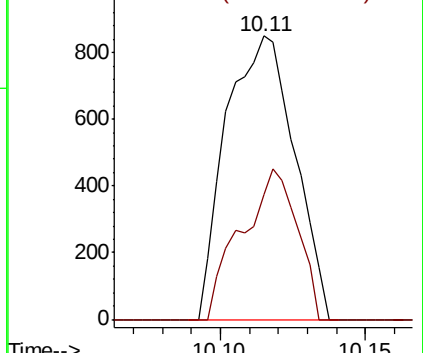
104 100

78 44.3 34.4 63.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0



#59

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040377.D

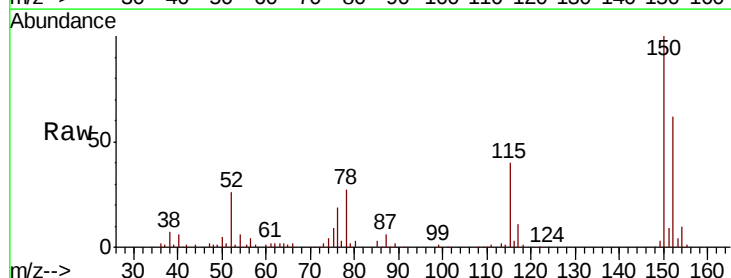
Acq: 29 Sep 2020 22:48

Tgt Ion: 75 Resp: 8574

Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

