

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037478.D
 Acq On : 30 Mar 2020 23:30
 Operator : JC/MD
 Sample : L2002-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	99271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	94562	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	44971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29074	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	27325	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.59	63	60166	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.66	46	99028	49.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	5.10	84	58699	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.74	65	36271	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.76	84	124522	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	42045	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	113229	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	17957	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.66	63	86392	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	33650	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	39631	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

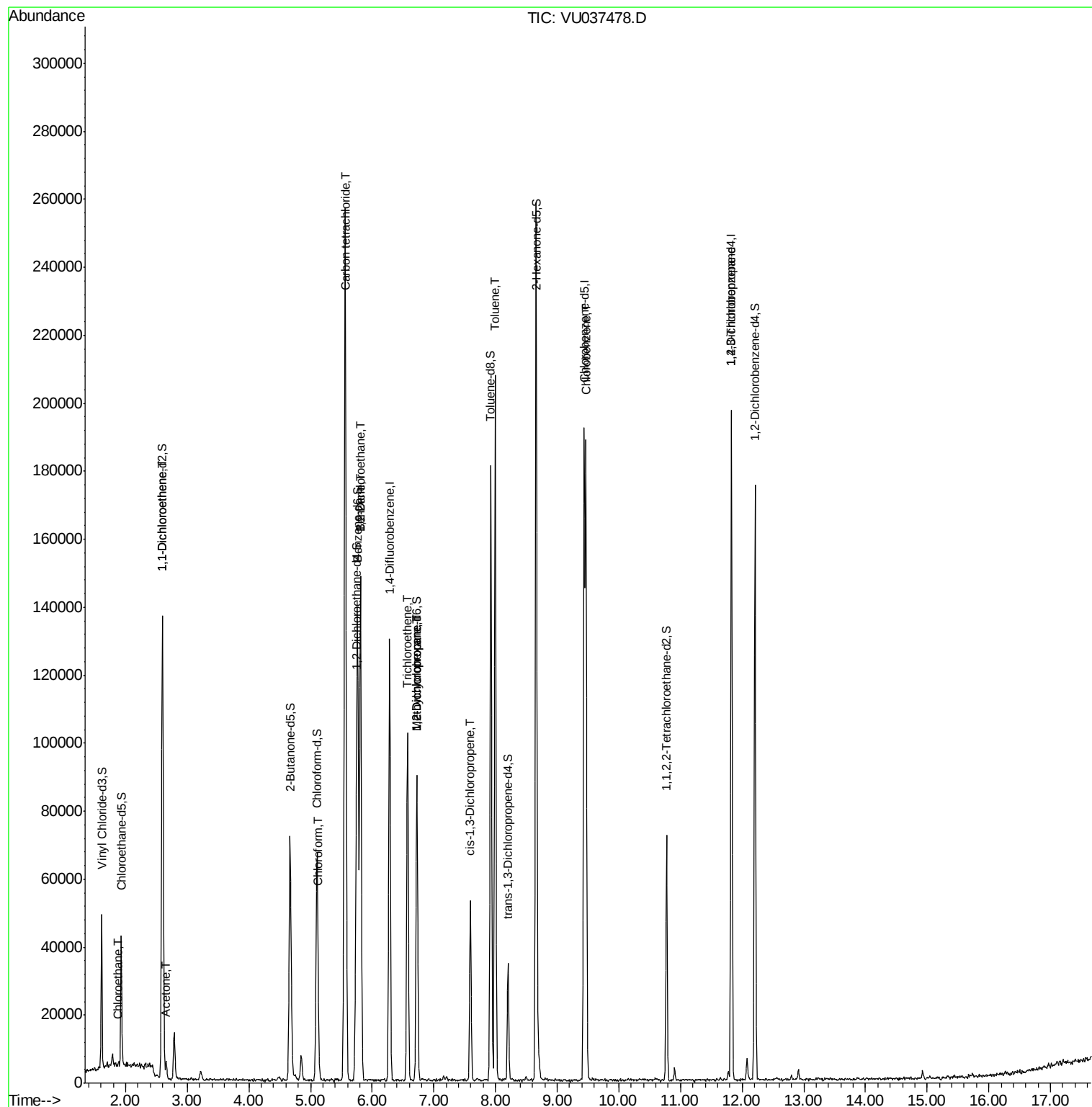
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.87	64	350	0.081	ug/L	85
12) 1,1-Dichloroethene	2.61	96	30739	4.708	ug/L	86
13) Acetone	2.66	43	5587	4.868	ug/L	97
25) Chloroform	5.13	83	5714	0.426	ug/L	88
27) 1,2-Dichloroethane	5.81	62	1415	0.158	ug/L #	75
31) Carbon tetrachloride	5.56	117	165899	16.166	ug/L	99
33) Benzene	5.81	78	135485	4.838	ug/L	100
34) Trichloroethene	6.57	95	34465	4.321	ug/L	94
35) Methylcyclohexane	6.72	83	9146	0.725	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	4589	0.634	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1436	0.122	ug/L #	78
42) Toluene	8.00	91	144472	4.787	ug/L	99
51) Chlorobenzene	9.47	112	90123	4.323	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	6613	1.313	ug/L	92

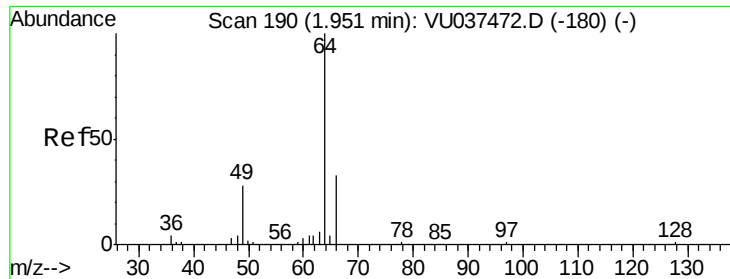
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU033020\
Data File : VU037478.D
Acq On : 30 Mar 2020 23:30
Operator : JC/MD
Sample : L2002-04MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 31 04:04:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 04:01:00 2020
Response via : Initial Calibration

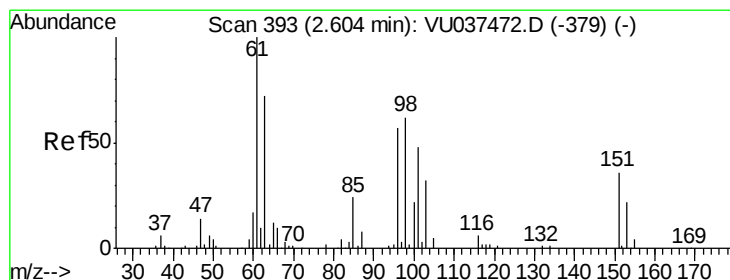
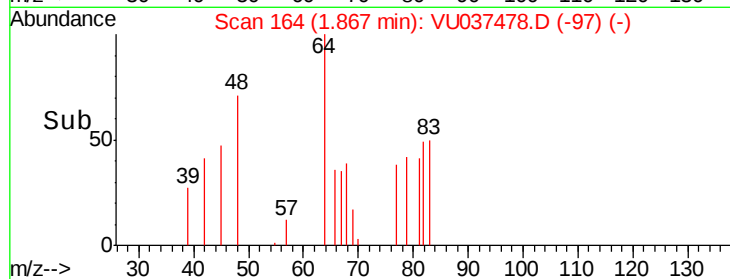
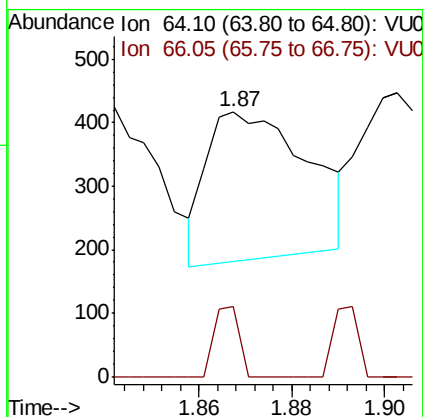
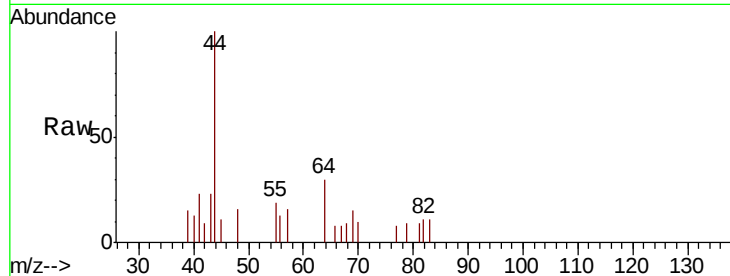




#8
 Chloroethane
 Concen: 0.081 ug/L
 RT: 1.87 min Scan# 164
 Delta R.T. -0.08 min
 Lab File: VU037478.D
 Acq: 30 Mar 2020 23:30

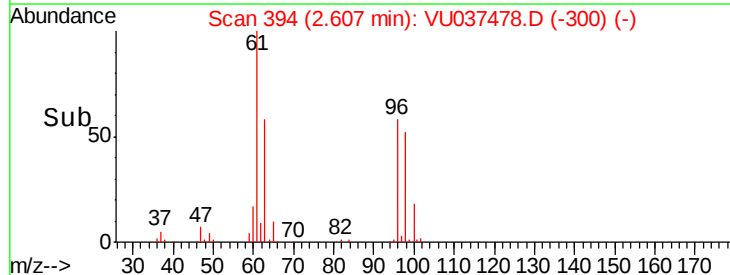
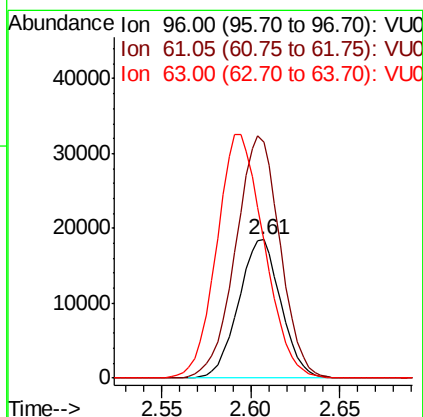
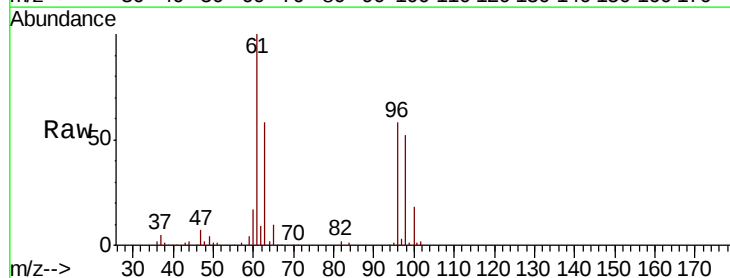
Instrument :
 MSVOA_U
 ClientSampled :

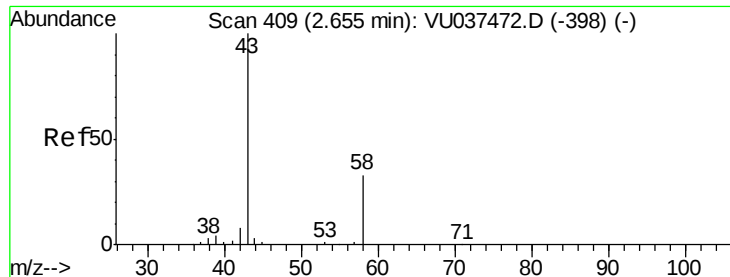
Tot Ion: 64 Resp: 350
 Ion Ratio Lower Upper
 64 100
 66 26.6 24.8 46.0



#12
 1,1-Dichloroethene
 Concen: 4.708 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU037478.D
 Acq: 30 Mar 2020 23:30

Tgt Ion: 96 Resp: 30739
 Ion Ratio Lower Upper
 96 100
 61 171.0 125.4 232.8
 63 99.2 90.9 168.7





#13

Acetone

Concen: 4.868 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037478.D

Acq: 30 Mar 2020 23:30

Instrument :

MSVOA_U

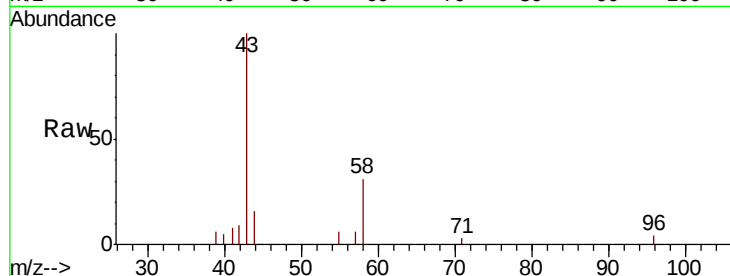
ClientSampleId :

Tot Ion: 43 Resp: 5587

Ion Ratio Lower Upper

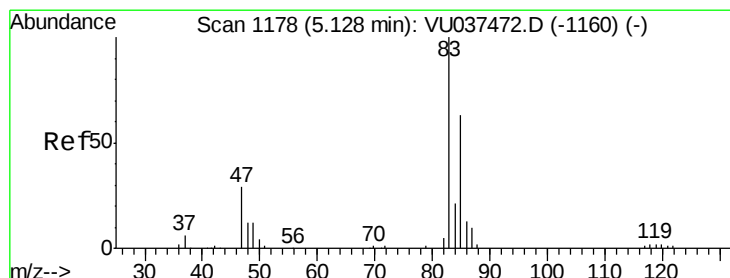
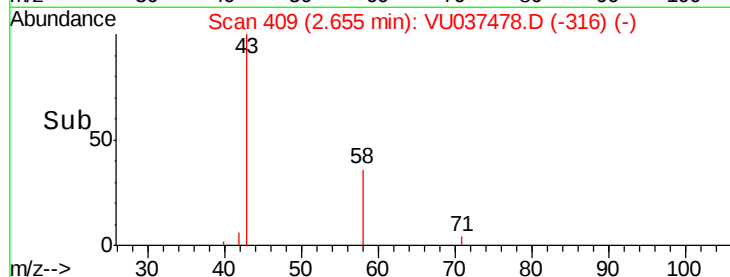
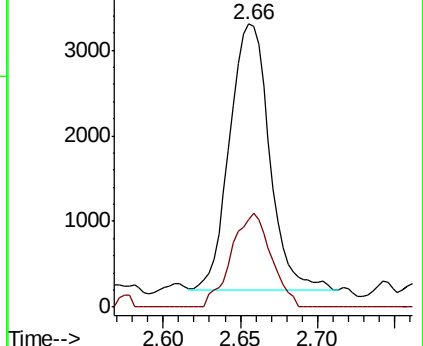
43 100

58 34.9 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037478.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037478.D (-398) (-)



#25

Chloroform

Concen: 0.426 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037478.D

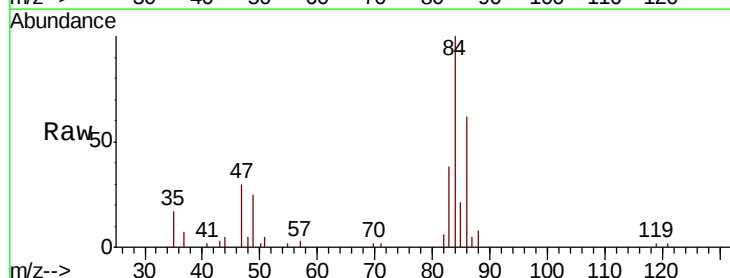
Acq: 30 Mar 2020 23:30

Tgt Ion: 83 Resp: 5714

Ion Ratio Lower Upper

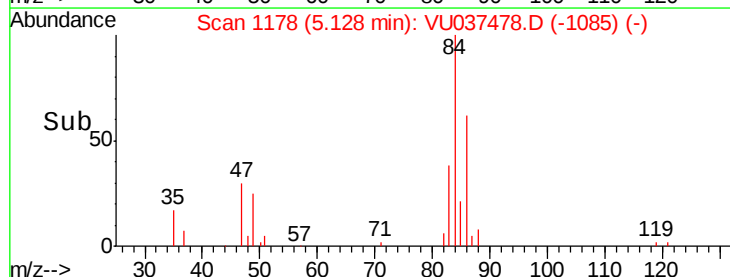
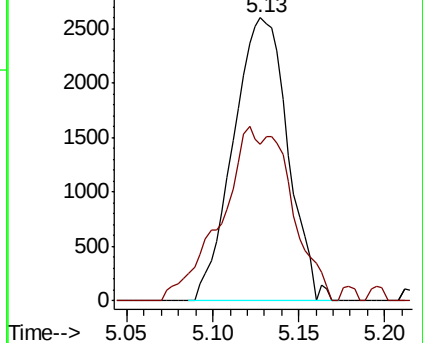
83 100

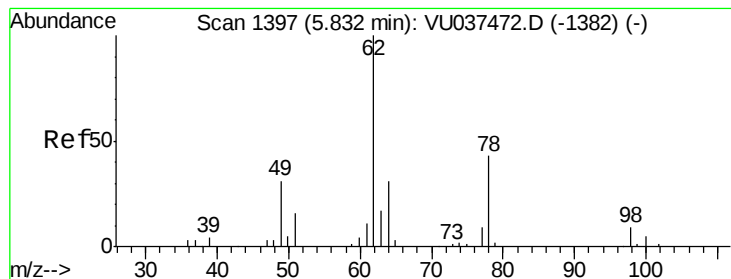
85 55.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037478.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU037478.D (-1160) (-)





#27

1,2-Dichloroethane

Concen: 0.158 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VU037478.D

Acq: 30 Mar 2020 23:30

Instrument :

MSVOA_U

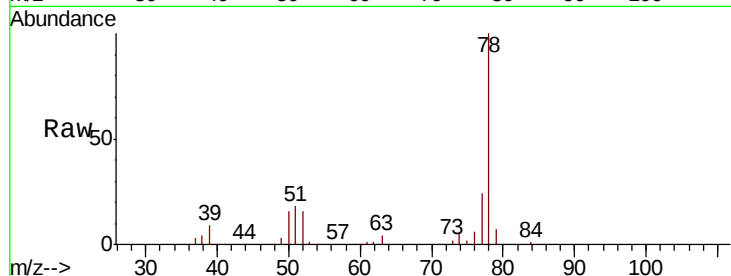
ClientSampleId :

Tot Ion: 62 Resp: 1415

Ion Ratio Lower Upper

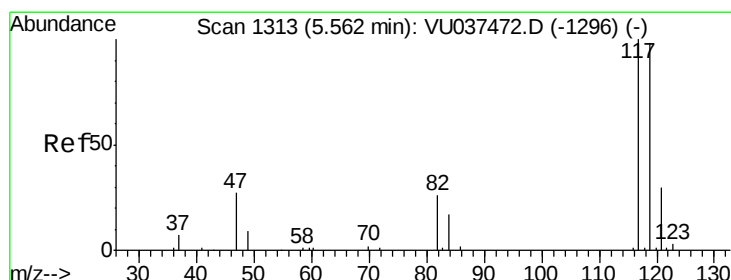
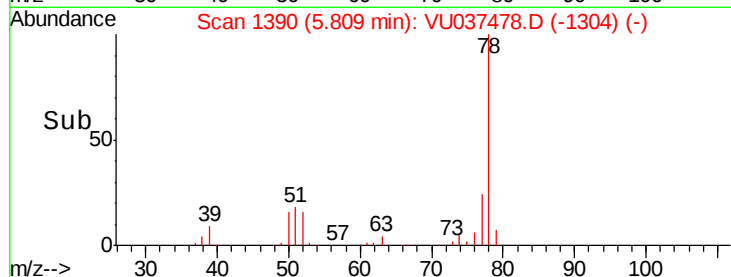
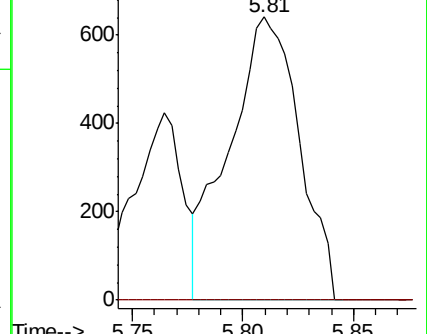
62 100

98 0.0 7.3 10.9#



Abundance Ion 62.00 (61.70 to 62.70): VU037478.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU037478.D (-1382) (-)



#31

Carbon tetrachloride

Concen: 16.166 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037478.D

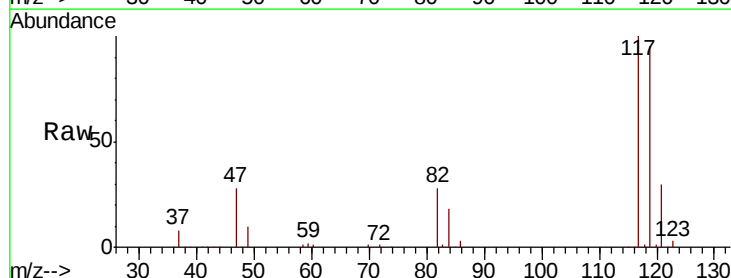
Acq: 30 Mar 2020 23:30

Tgt Ion: 117 Resp: 165899

Ion Ratio Lower Upper

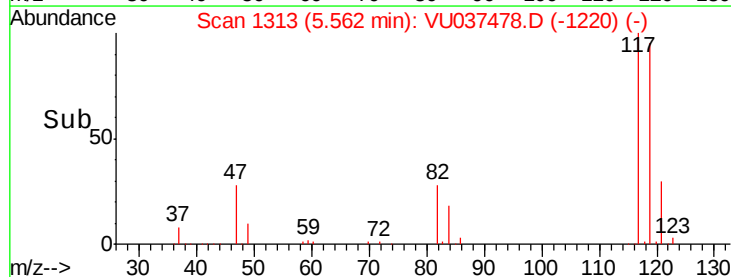
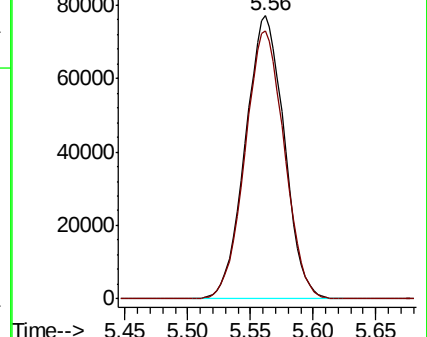
117 100

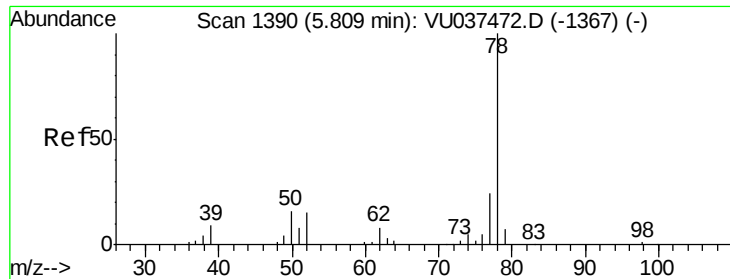
119 95.7 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): VU037478.D (-1220) (-)

Ion 118.90 (118.60 to 119.60): VU037478.D (-1220) (-)





#33

Benzene

Concen: 4.838 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037478.D

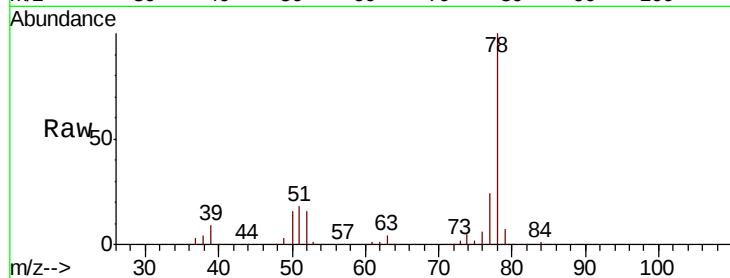
Acq: 30 Mar 2020 23:30

Instrument :

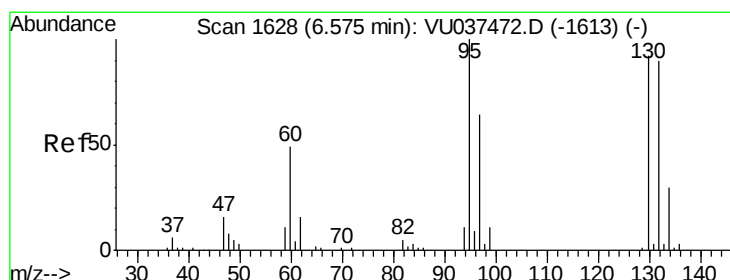
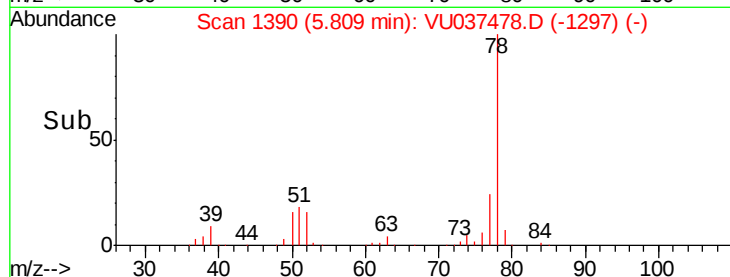
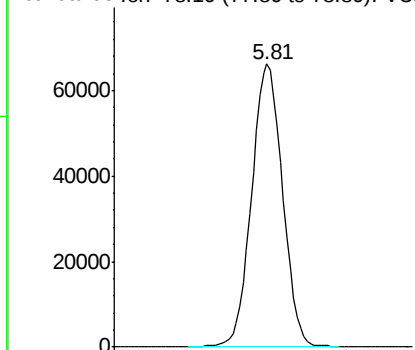
MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 135485



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.321 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037478.D

Acq: 30 Mar 2020 23:30

Tgt Ion: 95 Resp: 34465

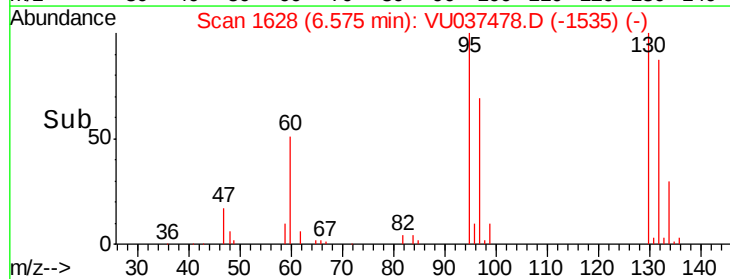
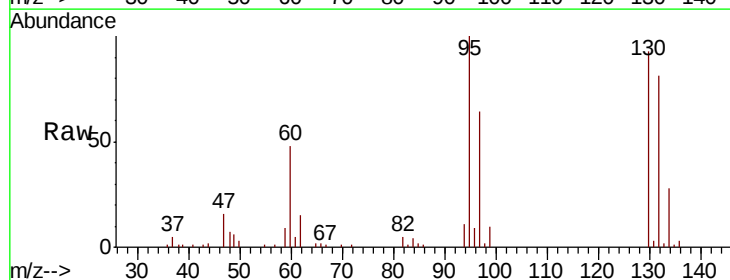
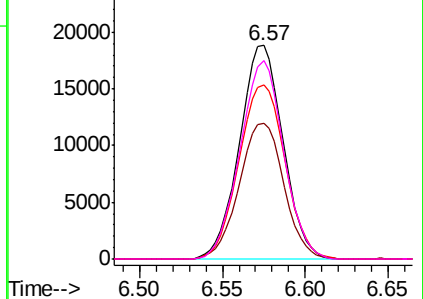
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.3	84.1
132	81.4	62.7	116.5
130	93.0	69.1	128.3

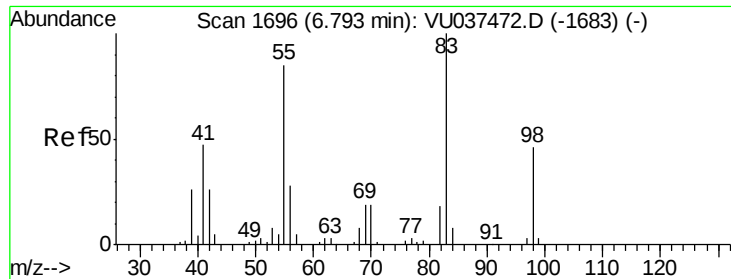
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

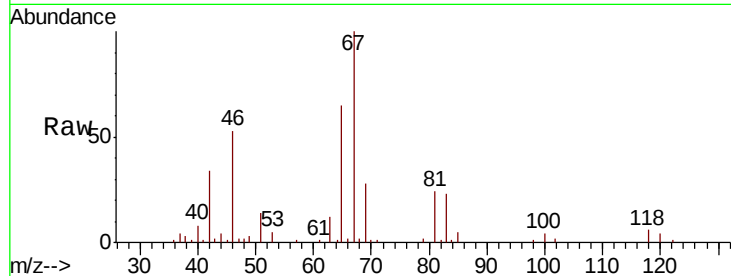




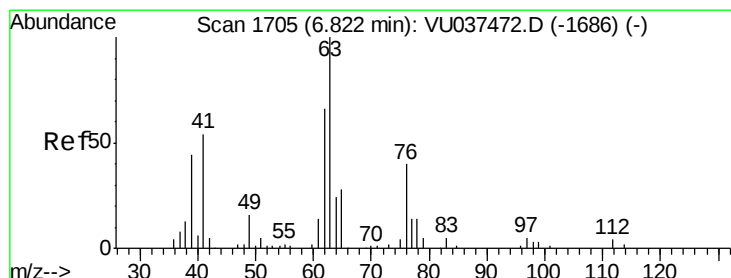
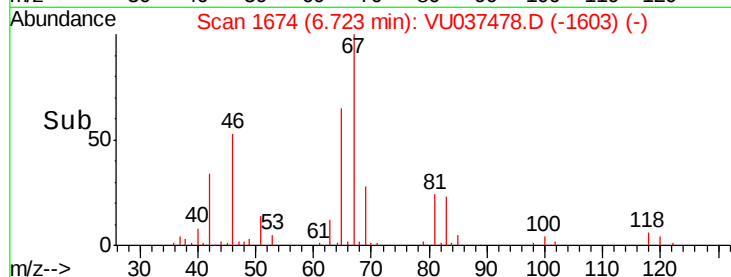
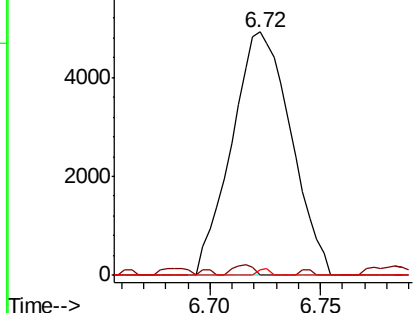
#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037478.D
Acq: 30 Mar 2020 23:30

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9146
Ion Ratio Lower Upper
83 100
55 1.5 64.2 96.4#
98 0.0 36.3 54.5#

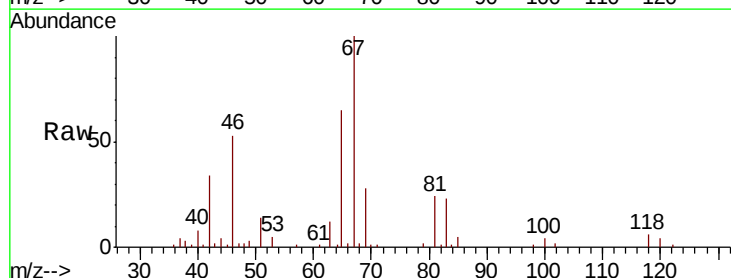


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

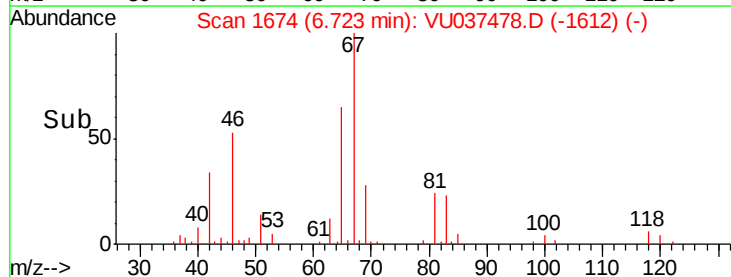
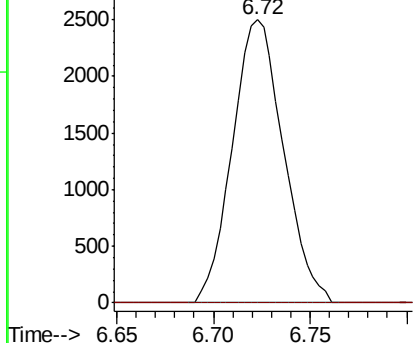


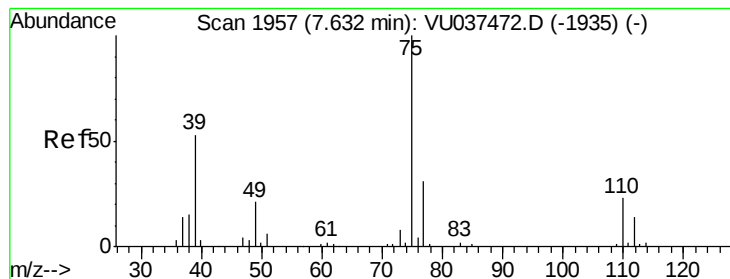
#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037478.D
Acq: 30 Mar 2020 23:30

Tgt Ion: 63 Resp: 4589
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



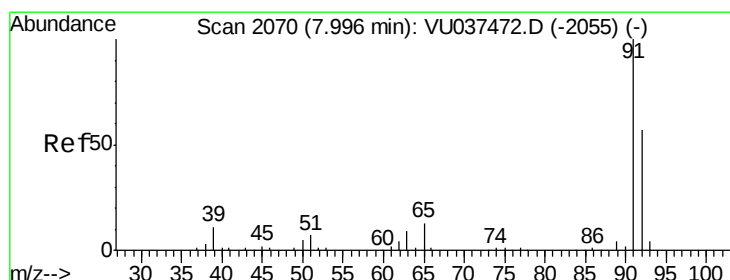
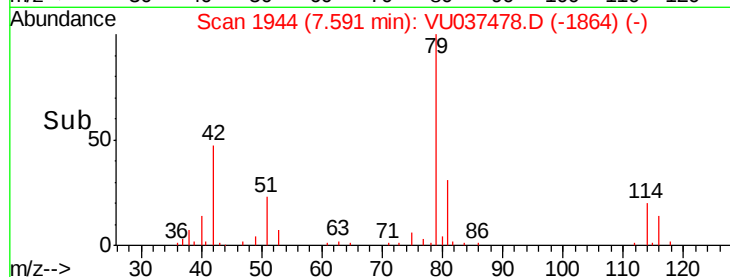
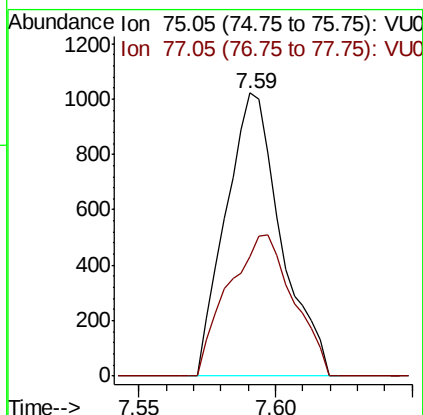
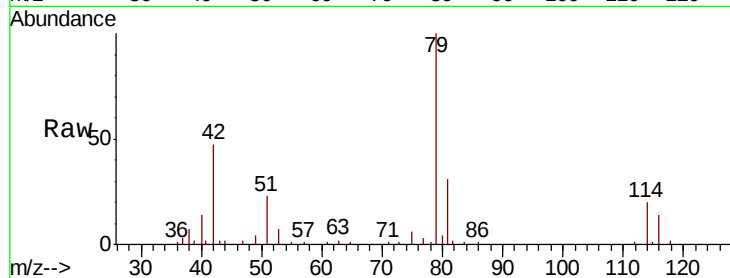


#39

cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037478.D
Acq: 30 Mar 2020 23:30

Instrument :
MSVOA_U
ClientSampled :

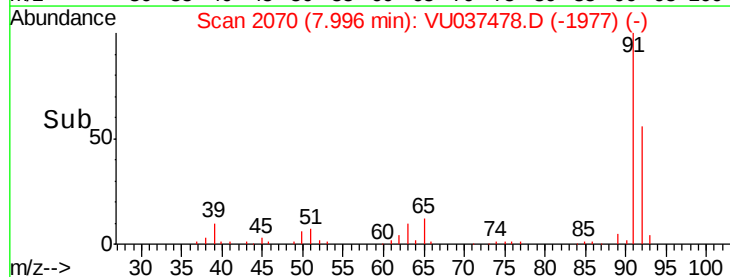
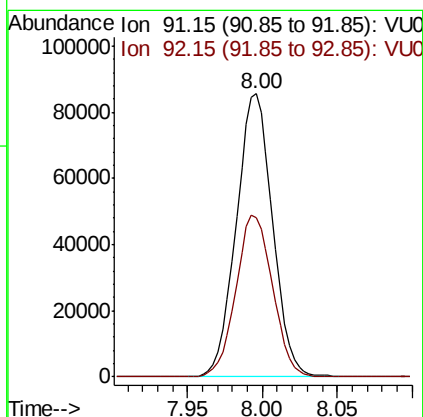
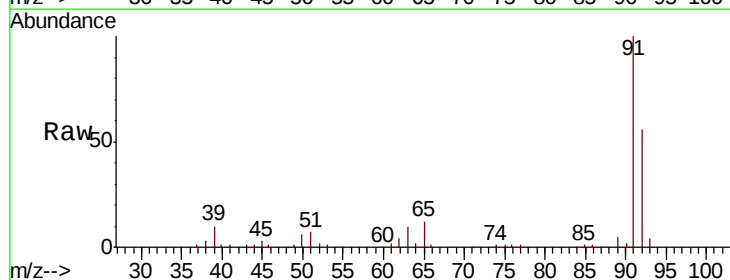
Tot Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
77 42.3 21.1 39.3#

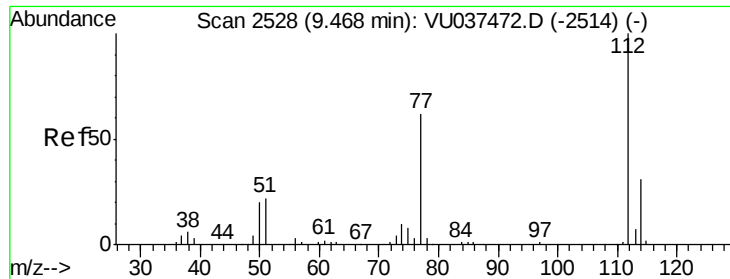


#42

Toluene
Concen: 4.787 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU037478.D
Acq: 30 Mar 2020 23:30

Tgt Ion: 91 Resp: 144472
Ion Ratio Lower Upper
91 100
92 56.2 39.8 73.8





#51

Chlorobenzene

Concen: 4.323 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037478.D

Acq: 30 Mar 2020 23:30

Instrument :

MSVOA_U

ClientSampleId :

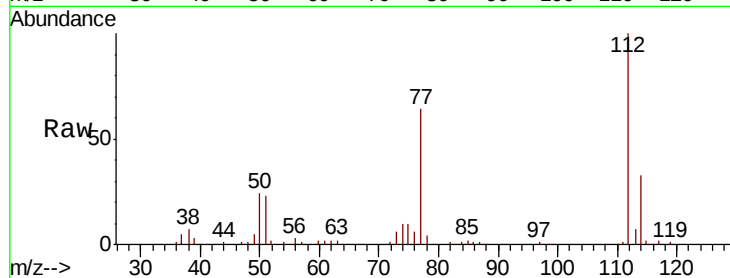
Tot Ion:112 Resp: 90123

Ion Ratio Lower Upper

112 100

114 33.3 22.4 41.6

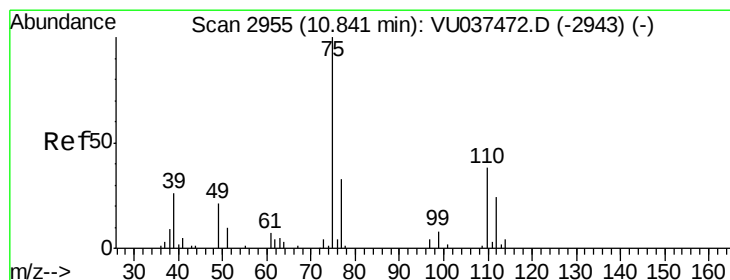
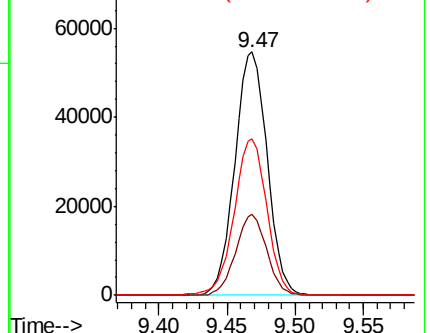
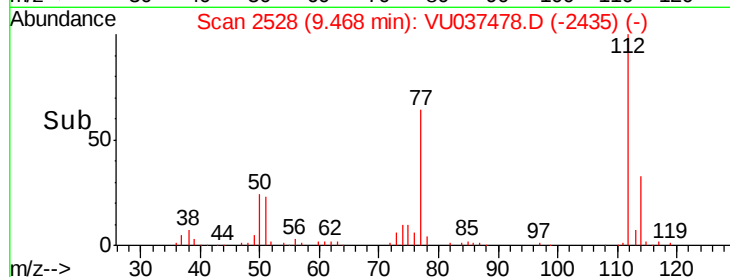
77 64.2 50.5 75.7



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): VU



#59

1,2,3-Trichloropropane

Concen: 1.313 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037478.D

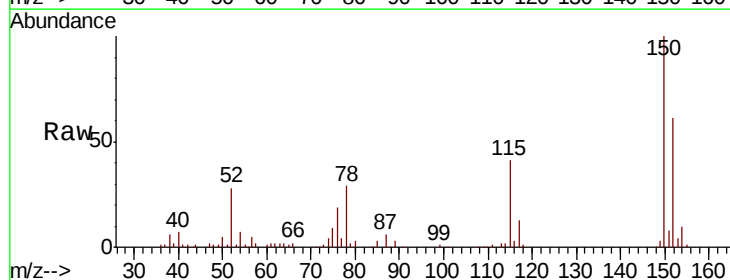
Acq: 30 Mar 2020 23:30

Tgt Ion: 75 Resp: 6613

Ion Ratio Lower Upper

75 100

77 39.1 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

