

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072320\
 Data File : VU039641.D
 Acq On : 23 Jul 2020 16:51
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 02:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 01:59:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105206	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	100435	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46909	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	50624	73.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	147.82%#
7) Chloroethane-d5	1.92	69	59301	72.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	144.50%#
11) 1,1-Dichloroethene-d2	2.58	63	79775	55.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.06%
21) 2-Butanone-d5	4.65	46	128189	162.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	162.12%#
24) Chloroform-d	5.08	84	114848	74.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	149.14%#
26) 1,2-Dichloroethane-d4	5.72	65	83726	76.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.12%#
32) Benzene-d6	5.75	84	220407	79.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	158.08%#
36) 1,2-Dichloropropane-d6	6.71	67	71992	78.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	157.44%#
41) Toluene-d8	7.91	98	198113	75.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	150.98%#
43) trans-1,3-Dichloropropene-	8.19	79	34049	73.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	147.52%#
47) 2-Hexanone-d5	8.64	63	76084	152.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	152.51%#
57) 1,1,2,2-Tetrachloroethane-	10.76	84	108853	75.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	150.32%#
64) 1,2-Dichlorobenzene-d4	12.19	152	78817	76.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	153.68%#

Target Compounds

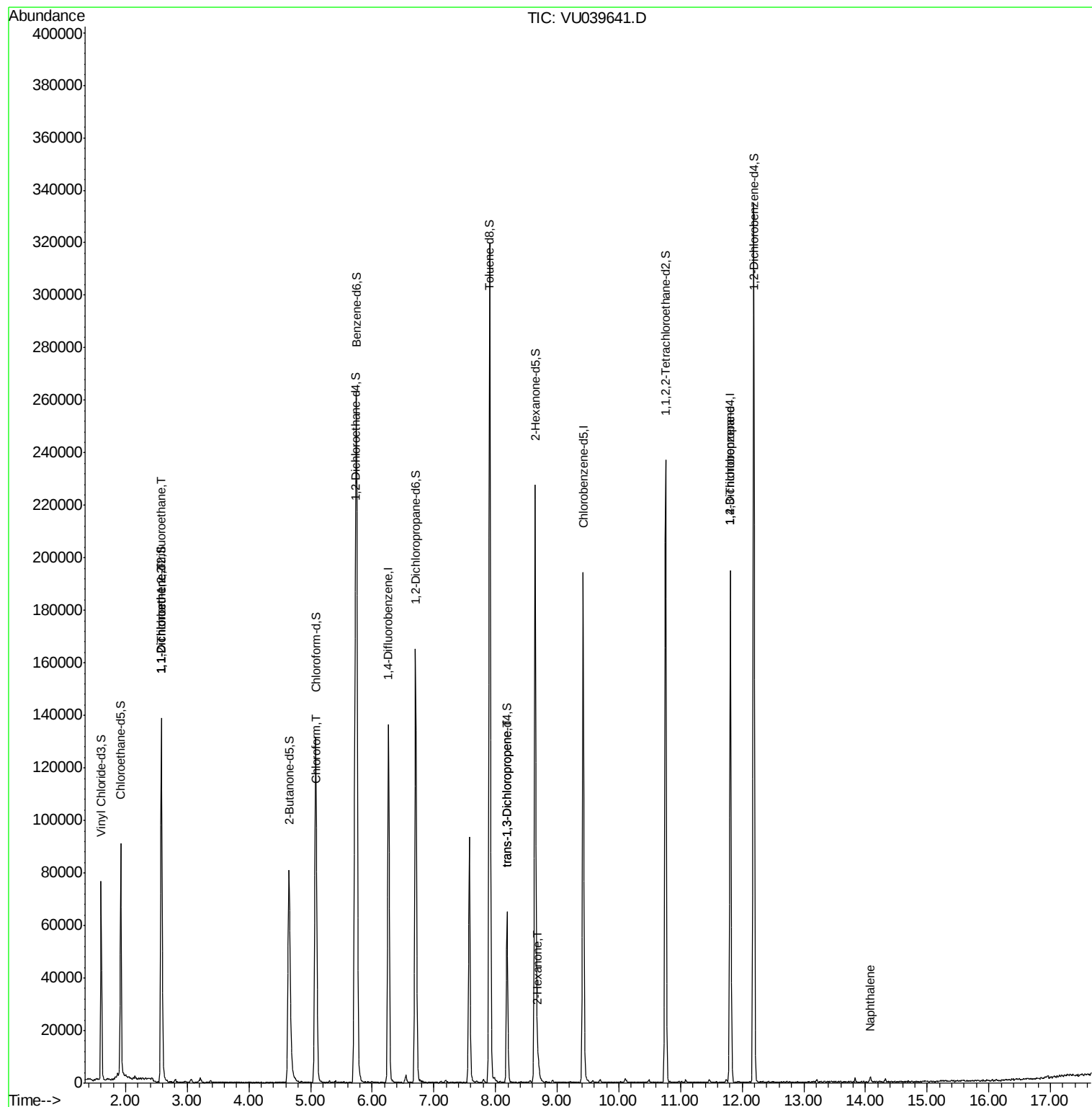
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	777	1.207 ug/L #	23
12) 1,1-Dichloroethene	2.58	96	837	1.395 ug/L #	1
25) Chloroform	5.11	83	3837	2.654 ug/L	86
44) trans-1,3-Dichloropropene	8.19	75	1954	1.782 ug/L #	74
48) 2-Hexanone	8.69	43	4315	4.056 ug/L #	90
59) 1,2,3-Trichloropropane	11.81	75	7195	6.617 ug/L	90
69) Naphthalene	14.08	128	2074	0.786 ug/L #	74

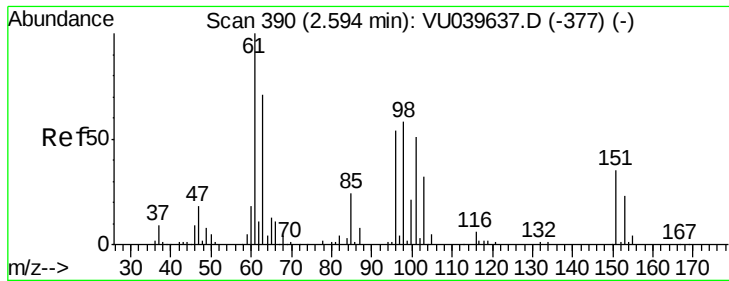
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 23 Jul 2020 16:51
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Misc : 5.0mL/MSVOA U/WATER
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Quant Time: Jul 24 02:04:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 01:59:50 2020
Response via : Initial Calibration





#10

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

Concen: 1.207 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU039641.D

Acq: 23 Jul 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :

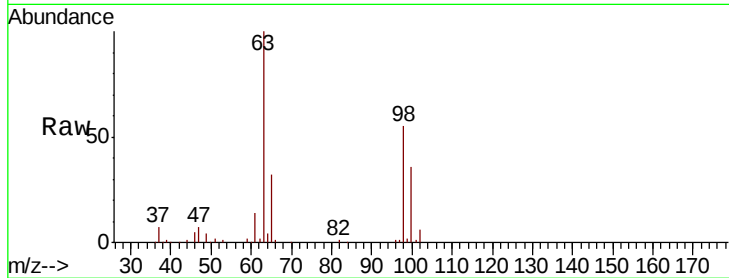
Tot Ion:101 Resp: 777

Ion Ratio Lower Upper

101 100

85 0.0 39.7 59.5#

151 5.1 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.58

400

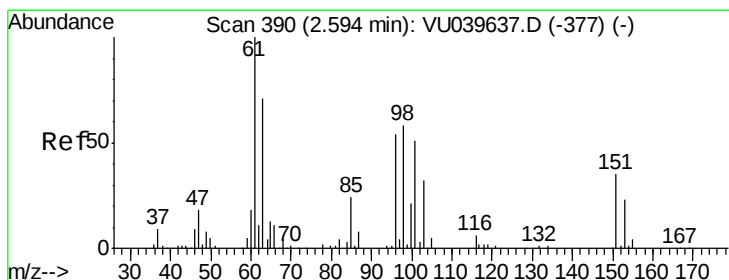
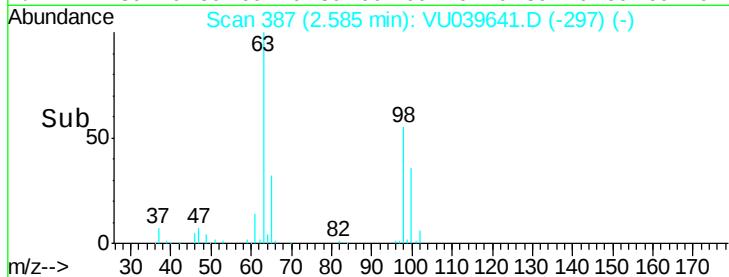
300

200

100

0

Time--> 2.54 2.56 2.58 2.60 2.62



#12

1,1-Dichloroethene

Concen: 1.395 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039641.D

Acq: 23 Jul 2020 16:51

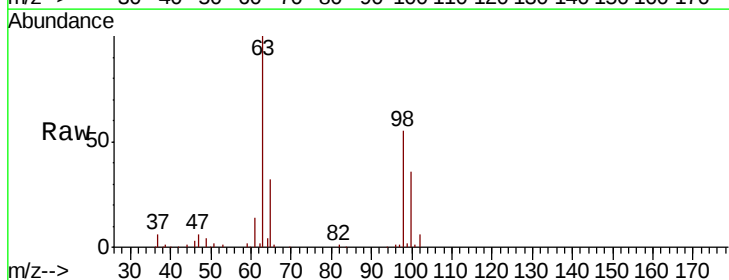
Tgt Ion: 96 Resp: 837

Ion Ratio Lower Upper

96 100

61 1329.5 136.6 253.6#

63 9470.3 97.2 180.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

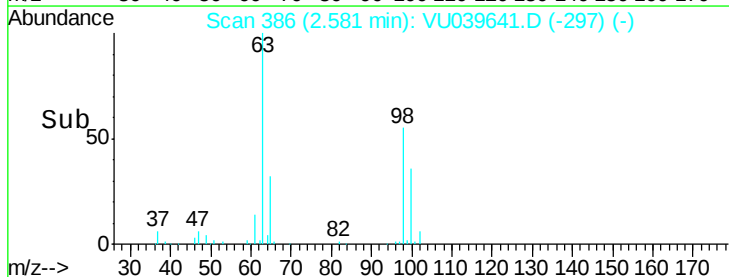
60000

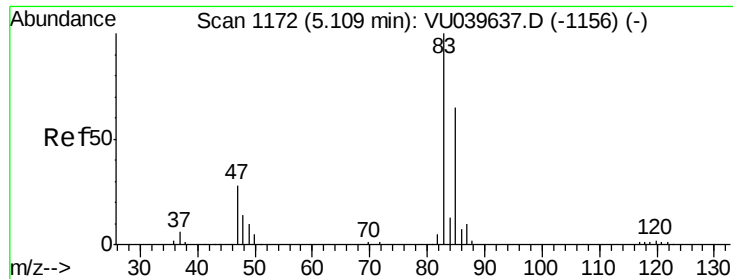
40000

20000

0

Time--> 2.54 2.56 2.58 2.60 2.62

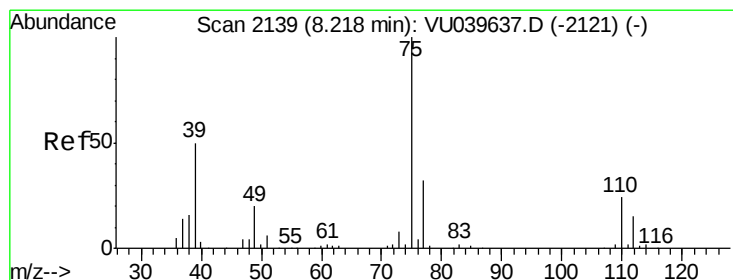
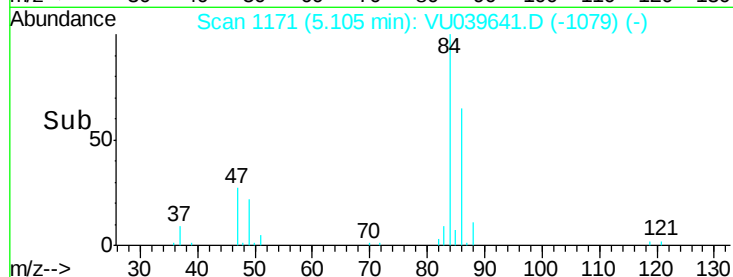
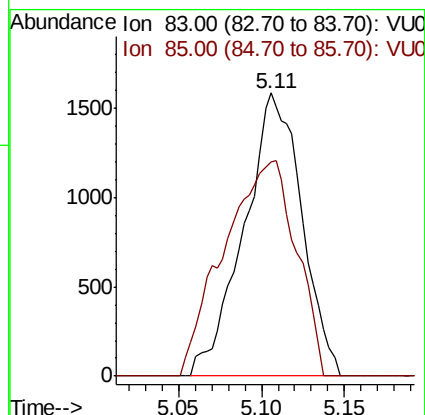
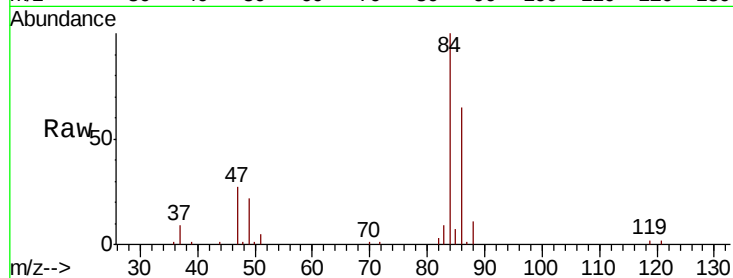




#25
Chloroform
Concen: 2.654 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039641.D
Acq: 23 Jul 2020 16:51

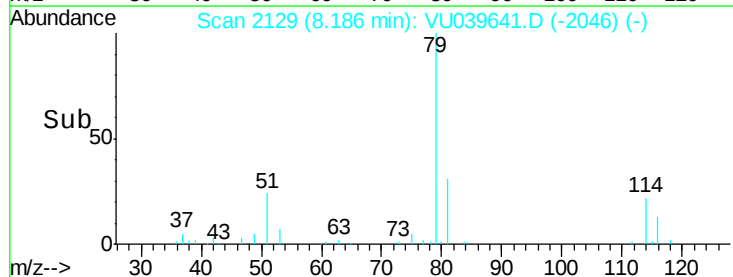
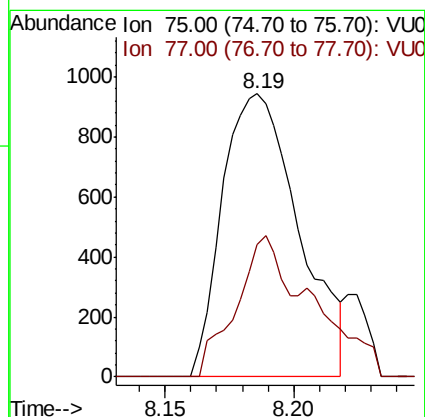
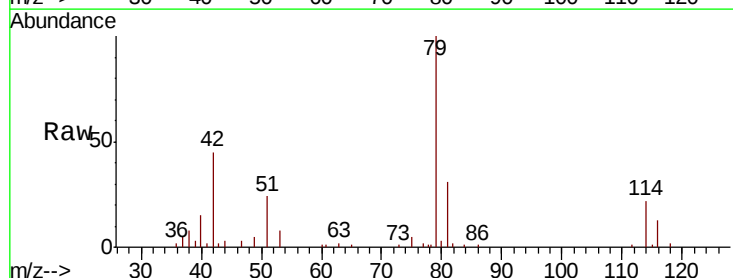
Instrument :
MSVOA_U
ClientSampleId :

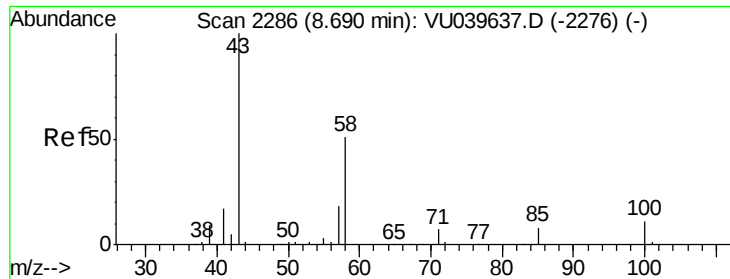
Tot Ion: 83 Resp: 3837
Ion Ratio Lower Upper
83 100
85 75.9 45.6 84.6



#44
trans-1,3-Dichloropropene
Concen: 1.782 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU039641.D
Acq: 23 Jul 2020 16:51

Tgt Ion: 75 Resp: 1954
Ion Ratio Lower Upper
75 100
77 46.8 22.7 42.1#

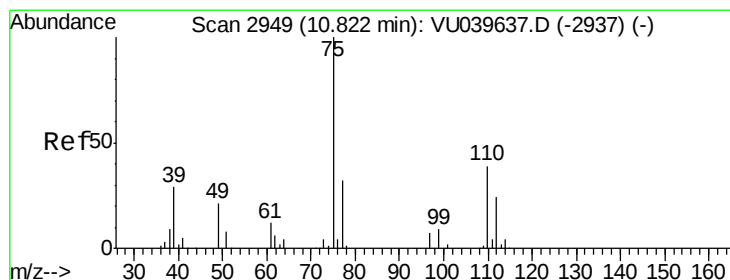
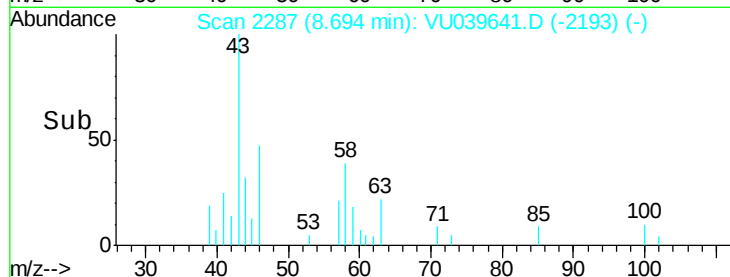
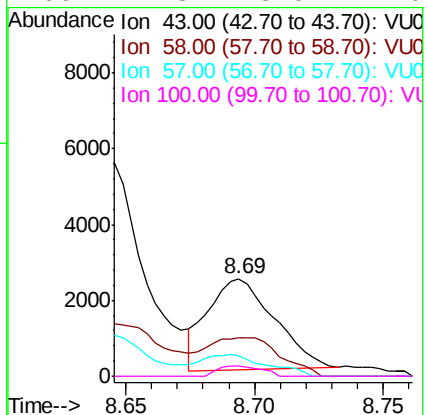
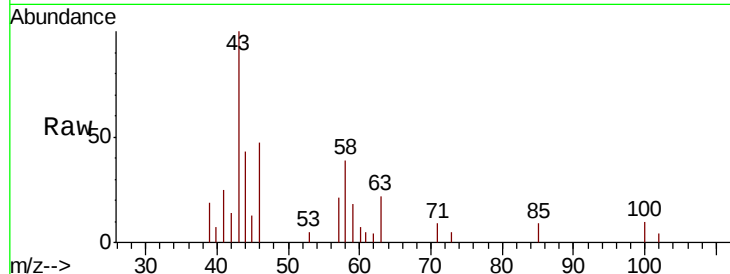




#48
2-Hexanone
Concen: 4.056 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU039641.D
Acq: 23 Jul 2020 16:51

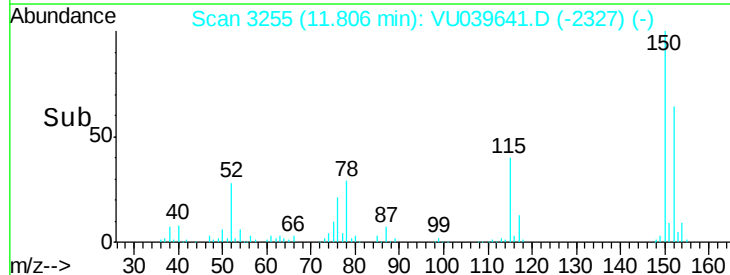
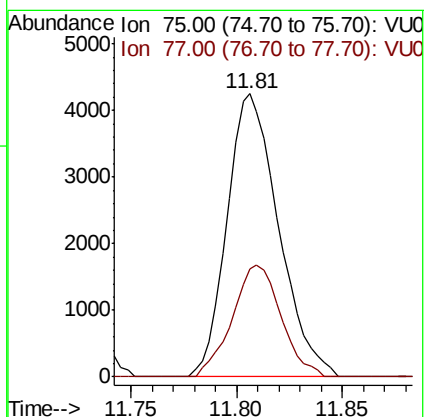
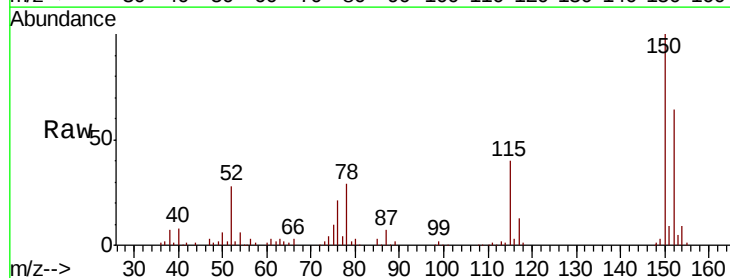
Instrument :
MSVOA_U
ClientSampled :

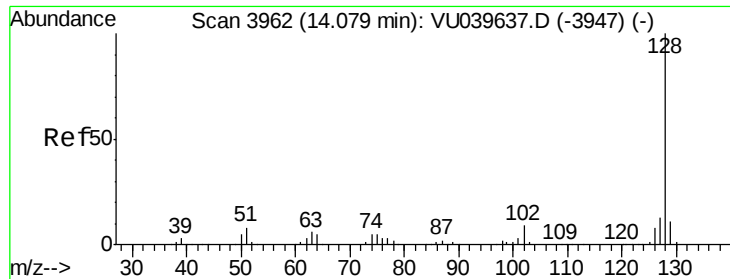
Tot Ion: 43 Resp: 4315
Ion Ratio Lower Upper
43 100
58 44.7 40.6 61.0
57 24.3 14.5 21.7#
100 7.3 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 6.617 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039641.D
Acq: 23 Jul 2020 16:51

Tgt Ion: 75 Resp: 7195
Ion Ratio Lower Upper
75 100
77 37.5 25.4 38.2





#69

Naphthalene

Concen: 0.786 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

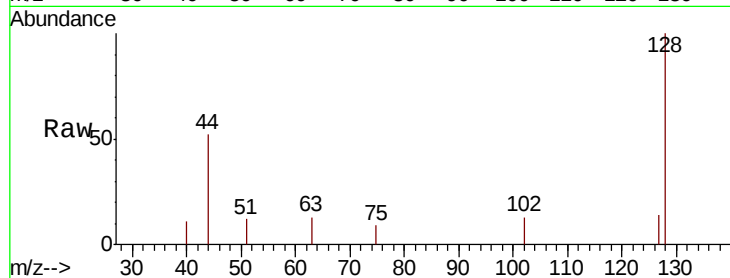
Lab File: VU039641.D

Acq: 23 Jul 2020 16:51

Instrument :

MSVOA_U

ClientSampleId :



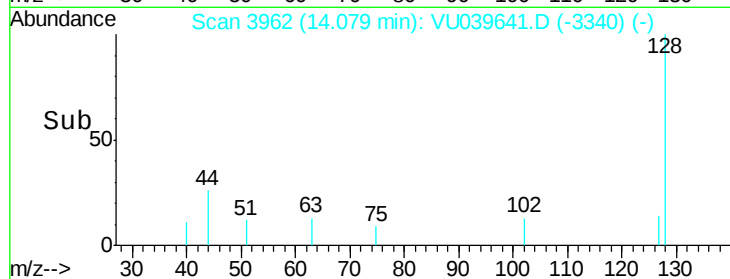
Tot Ion:128 Resp: 2074

Ion Ratio Lower Upper

128 100

127 4.1 10.7 16.1#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

