

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040639.D
 Acq On : 10 Oct 2020 17:05
 Operator : SY/MD
 Sample : L4349-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR9

Quant Time: Oct 12 07:14:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135801	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40696	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.92	69	35573	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.58	63	64202	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.65	46	176230	48.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	5.08	84	86337	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.72	65	54050	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.74	84	162457	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.70	67	54782	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	132107	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.19	79	21722	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	125945	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49117	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56825	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

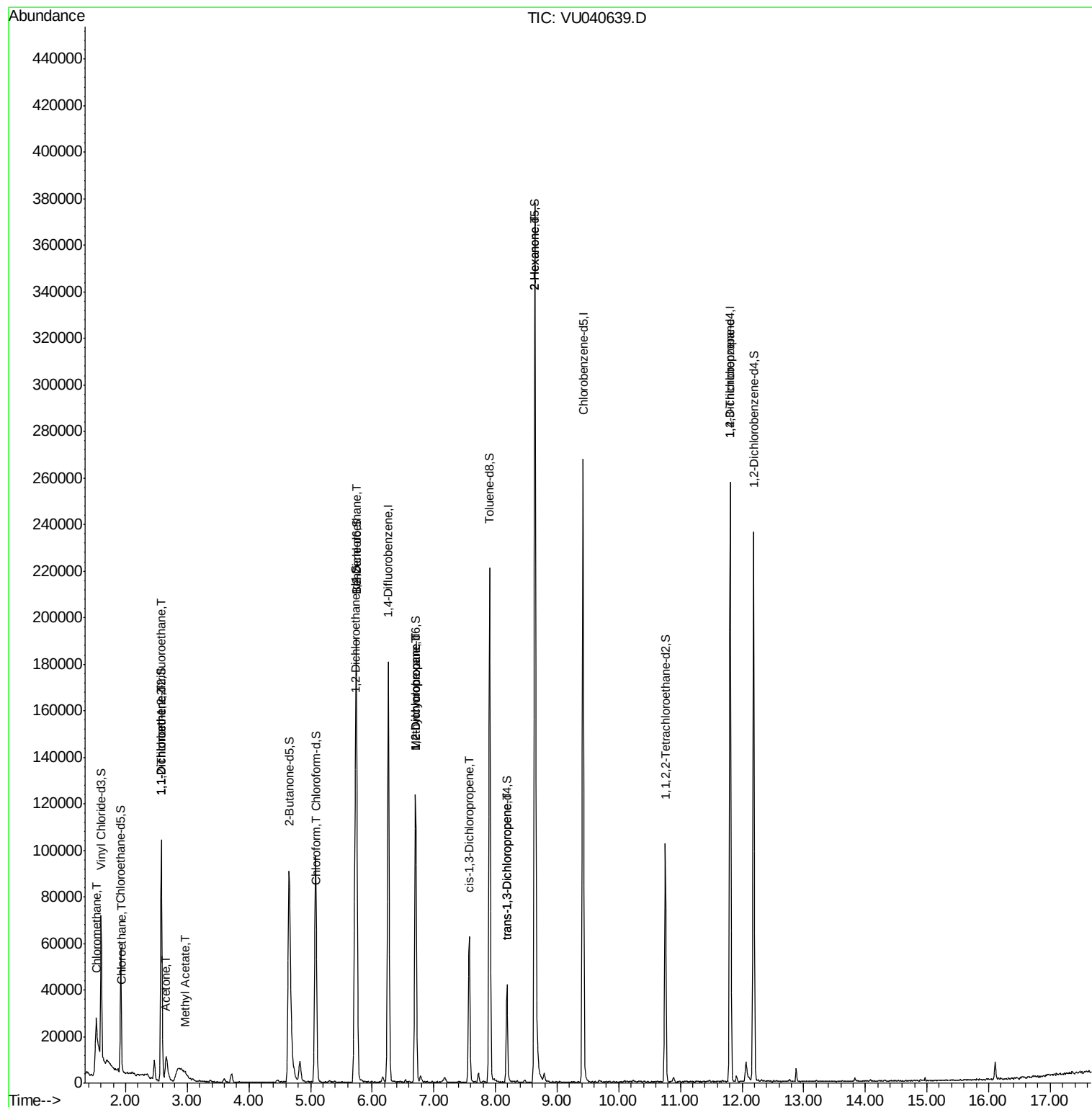
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	6359	0.553	ug/L	100
8) Chloroethane	1.94	64	645	0.084	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	544	0.048	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	514	0.053	ug/L #	1
13) Acetone	2.66	43	21467	7.691	ug/L	95
15) Methyl Acetate	2.97	43	657	0.103	ug/L #	56
25) Chloroform	5.11	83	1764	0.082	ug/L	89
27) 1,2-Dichloroethane	5.74	62	964	0.064	ug/L #	77
35) Methylcyclohexane	6.70	83	13169	0.811	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6438	0.523	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1628	0.097	ug/L #	41
44) trans-1,3-Dichloropropene	8.19	75	968	0.062	ug/L #	48
48) 2-Hexanone	8.64	43	17875	2.445	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	8729	0.965	ug/L #	88

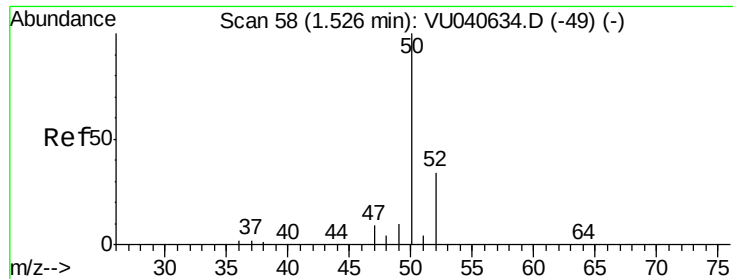
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.553 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040639.D

Acq: 10 Oct 2020 17:05

Instrument :

MSVOA_U

ClientSampleId :

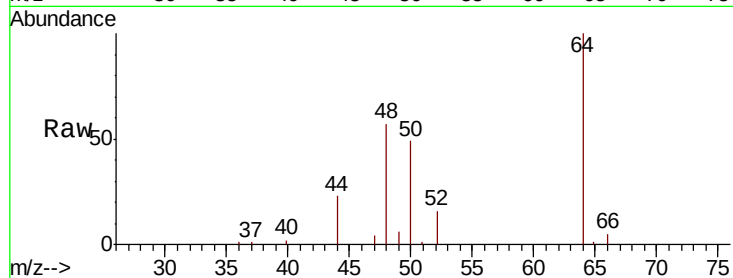
BFZR9

Tot Ion: 50 Resp: 6359

Ion Ratio Lower Upper

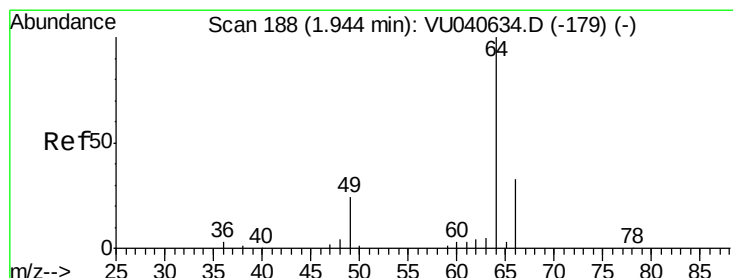
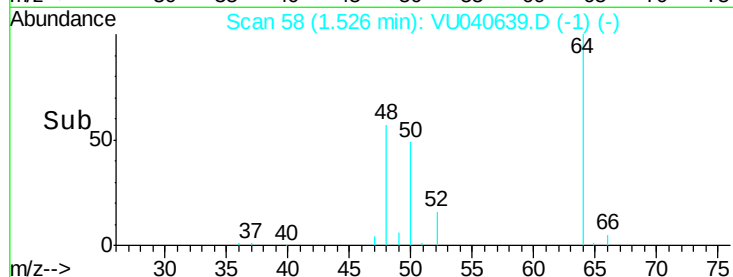
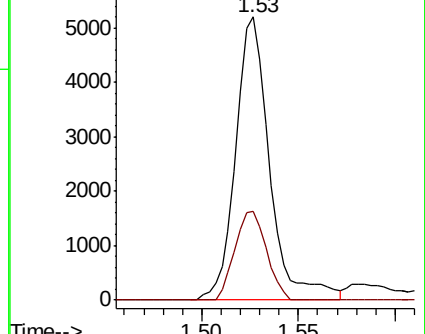
50 100

52 31.5 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040639.D

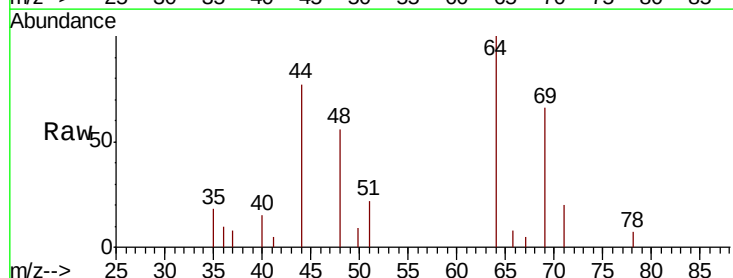
Acq: 10 Oct 2020 17:05

Tgt Ion: 64 Resp: 645

Ion Ratio Lower Upper

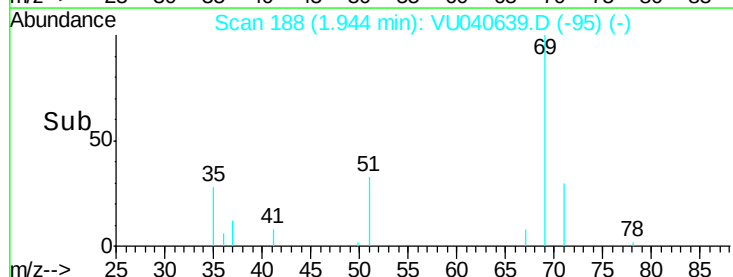
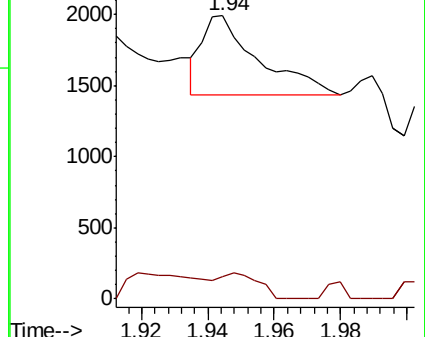
64 100

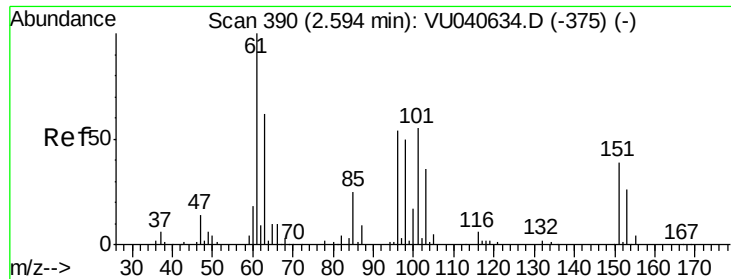
66 7.6 23.3 43.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.048 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040639.D

Acq: 10 Oct 2020 17:05

Instrument :

MSVOA_U

ClientSampled :

BFZR9

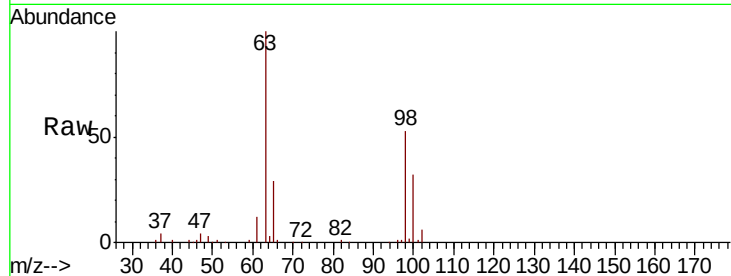
Tot Ion:101 Resp: 544

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

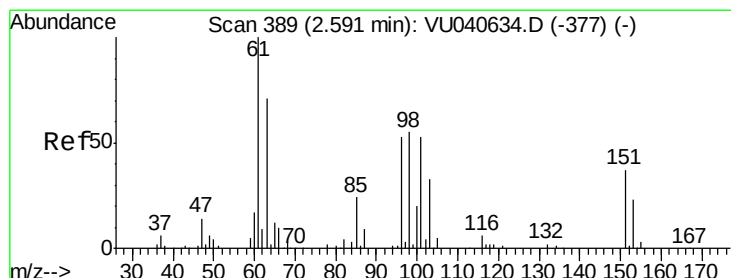
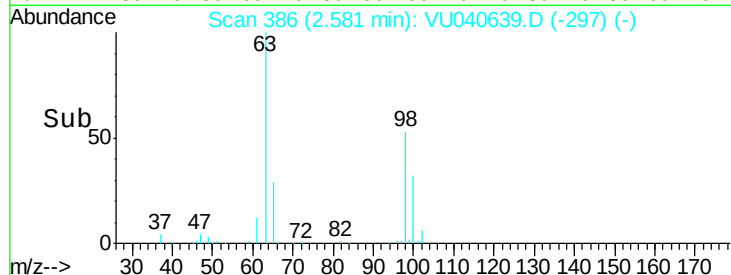
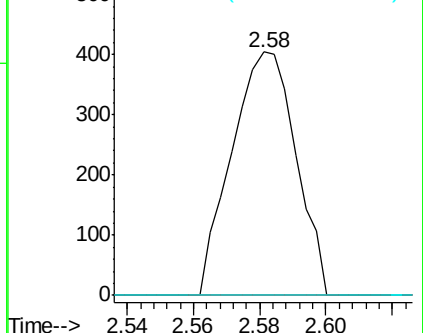
151 0.0 58.0 87.0#



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



#12

1,1-Dichloroethene

Concen: 0.053 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040639.D

Acq: 10 Oct 2020 17:05

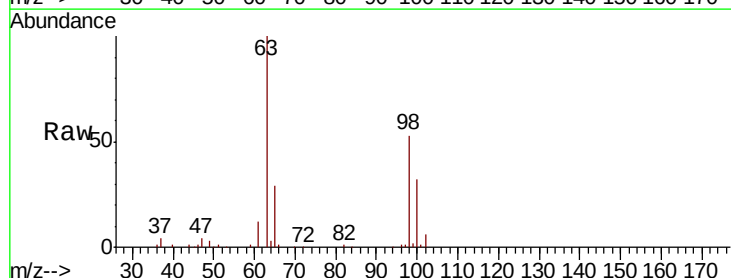
Tgt Ion: 96 Resp: 514

Ion Ratio Lower Upper

96 100

61 1372.7 128.8 239.2#

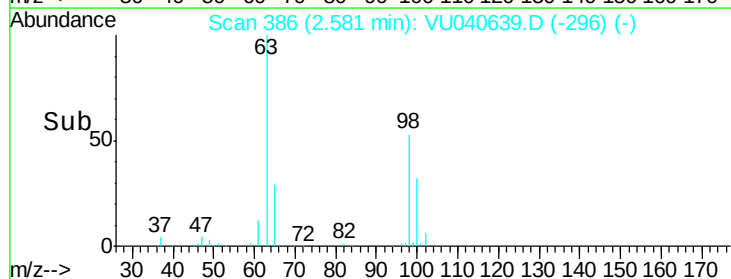
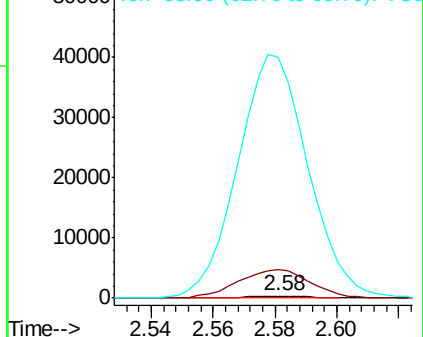
63 11542.5 84.6 157.2#

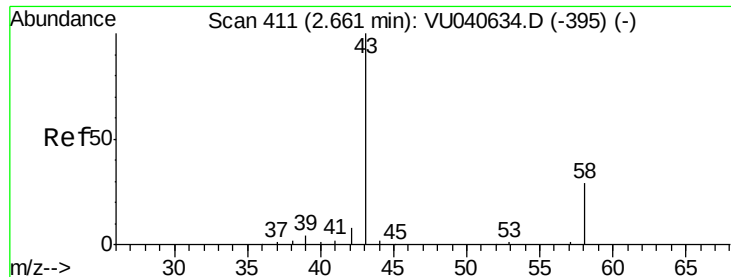


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.691 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU040639.D

Acq: 10 Oct 2020 17:05

Instrument :

MSVOA_U

ClientSampleId :

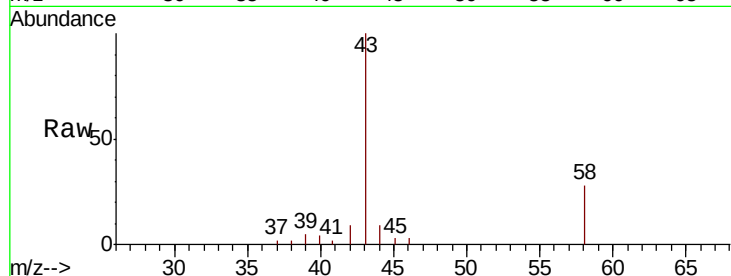
BFZR9

Tot Ion: 43 Resp: 21467

Ion Ratio Lower Upper

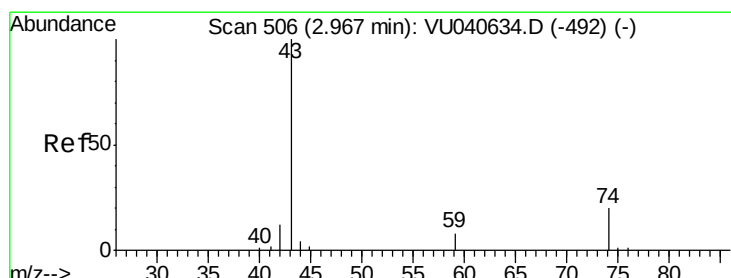
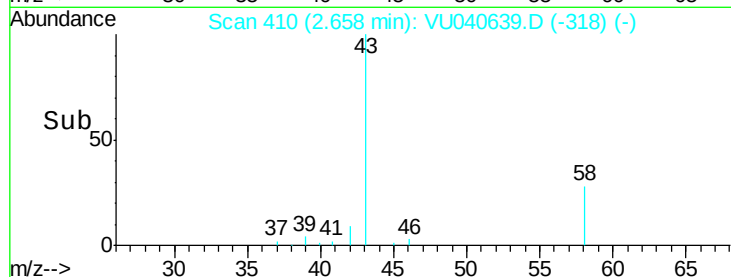
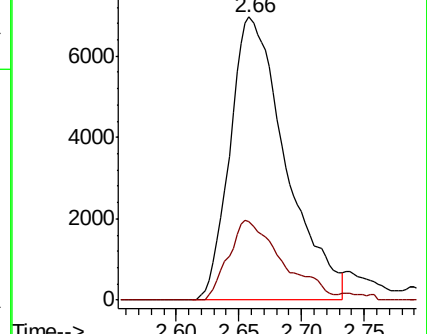
43 100

58 27.4 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040639.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU040639.D (-410) (-)



#15

Methyl Acetate

Concen: 0.103 ug/L

RT: 2.97 min Scan# 507

Delta R.T. 0.00 min

Lab File: VU040639.D

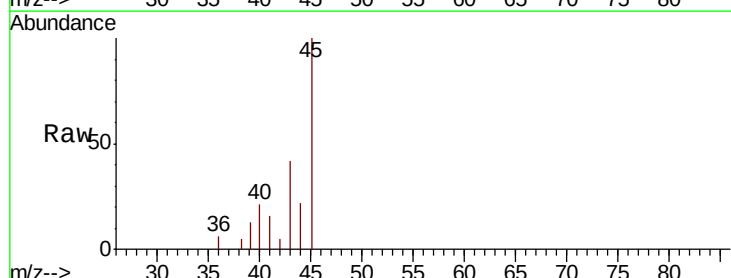
Acq: 10 Oct 2020 17:05

Tgt Ion: 43 Resp: 657

Ion Ratio Lower Upper

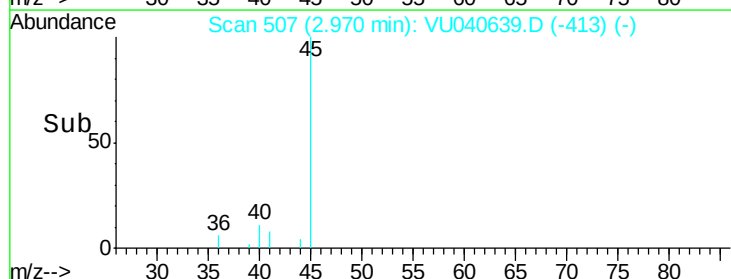
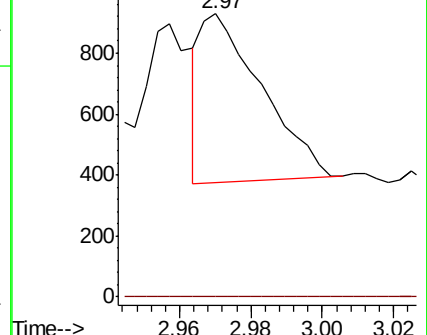
43 100

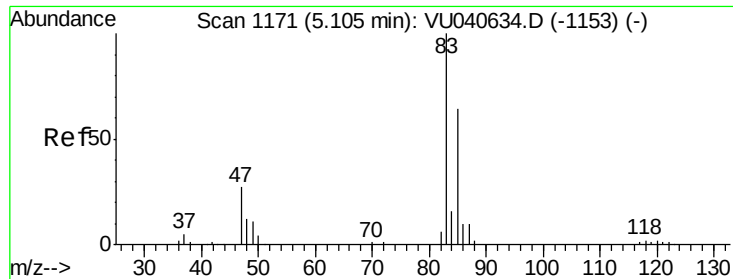
74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040639.D (-413) (-)

Ion 74.05 (73.75 to 74.75): VU040639.D (-413) (-)

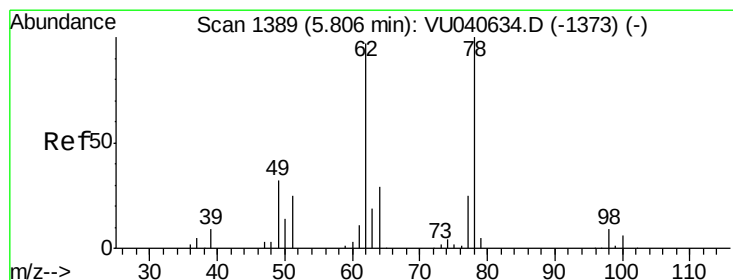
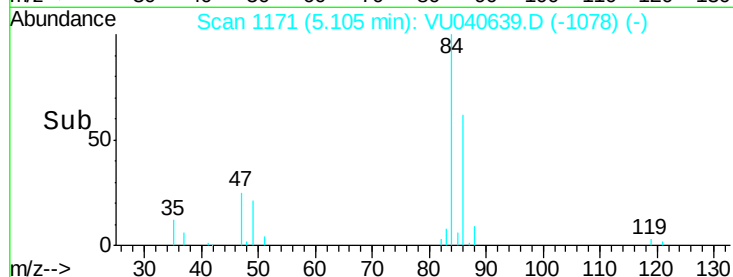
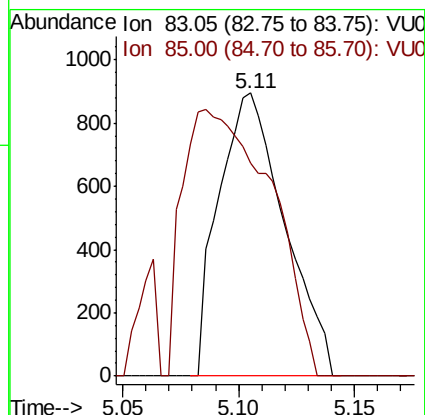
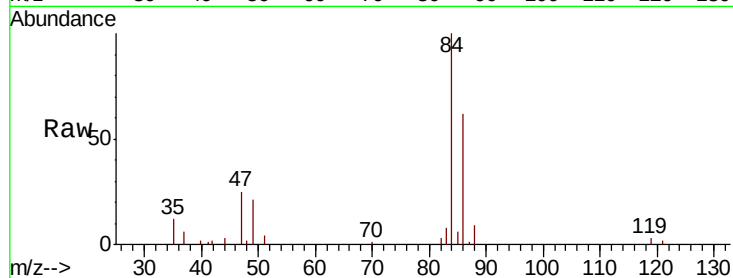




#25
Chloroform
Concen: 0.082 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040639.D
Acq: 10 Oct 2020 17:05

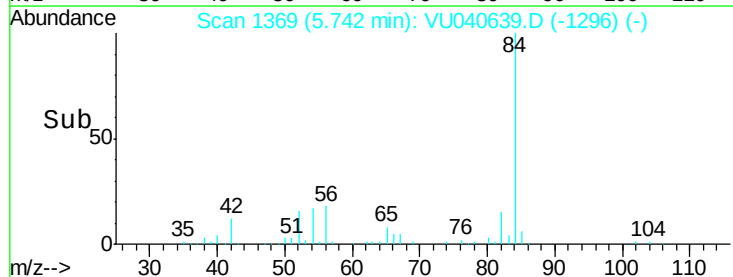
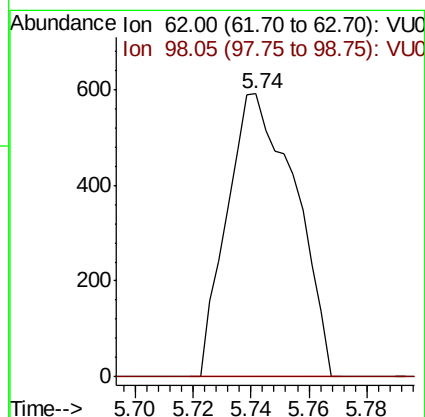
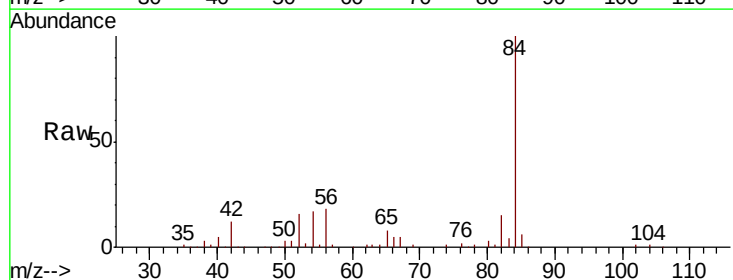
Instrument :
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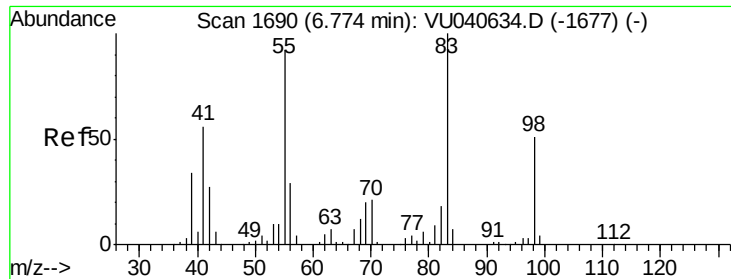
Tot Ion: 83 Resp: 1764
Ion Ratio Lower Upper
83 100
85 75.4 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.064 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU040639.D
Acq: 10 Oct 2020 17:05

Tgt Ion: 62 Resp: 964
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

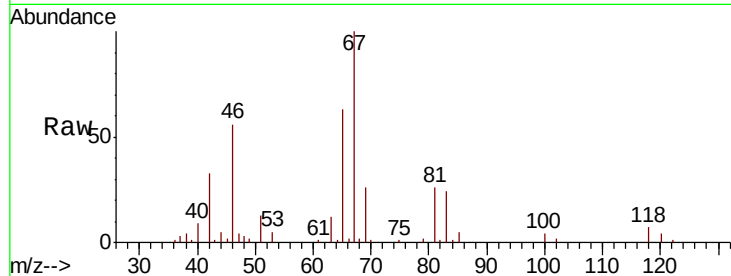




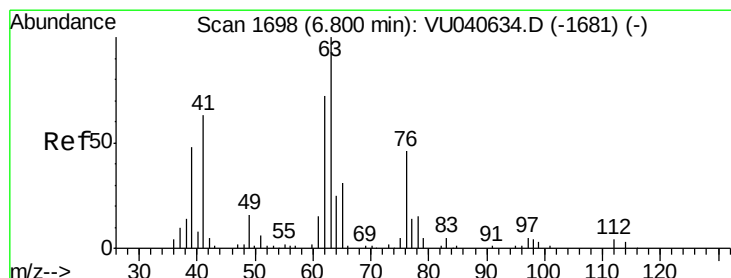
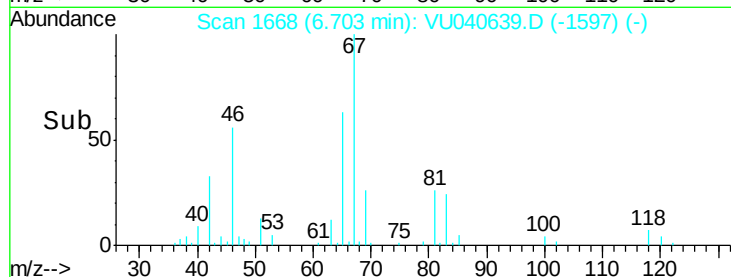
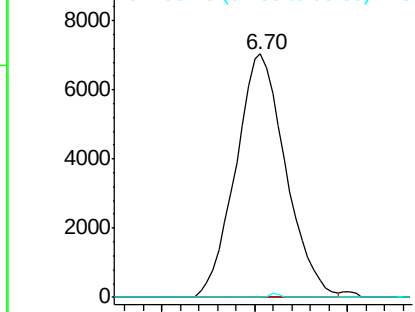
#35
Methylvlcyclohexane
Concen: 0.811 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040639.D
Acq: 10 Oct 2020 17:05

Instrument :
MSVOA_U
ClientSampleId :
BFZR9

Tot Ion: 83 Resp: 13169
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.3 38.4 57.6#

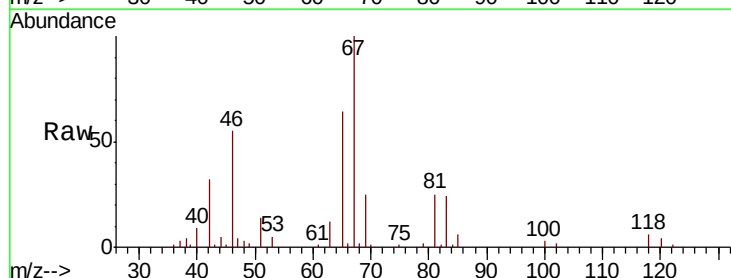


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

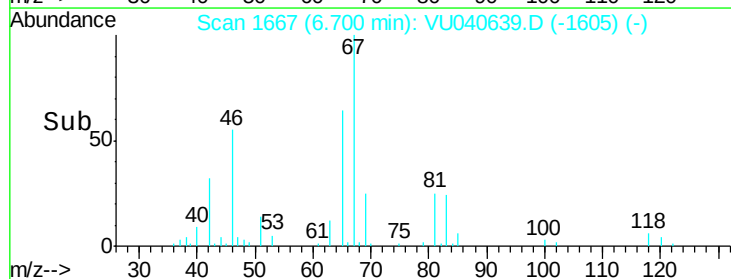
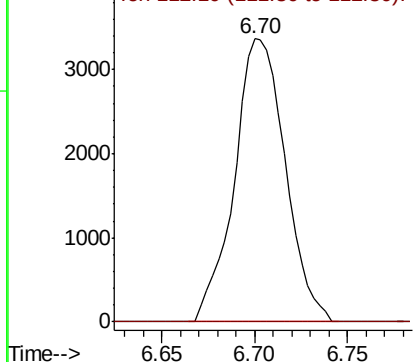


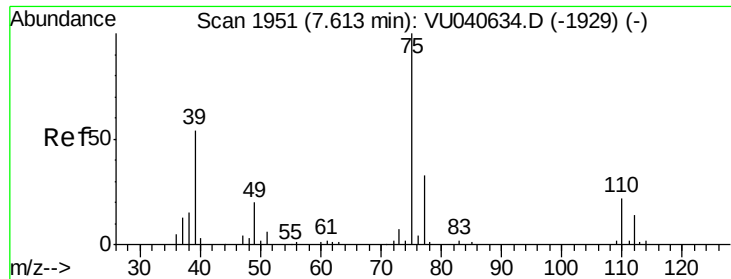
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040639.D
Acq: 10 Oct 2020 17:05

Tgt Ion: 63 Resp: 6438
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

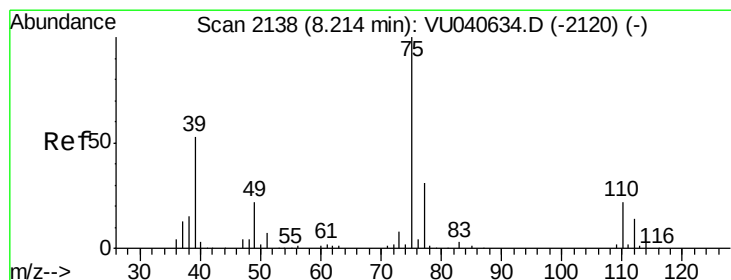
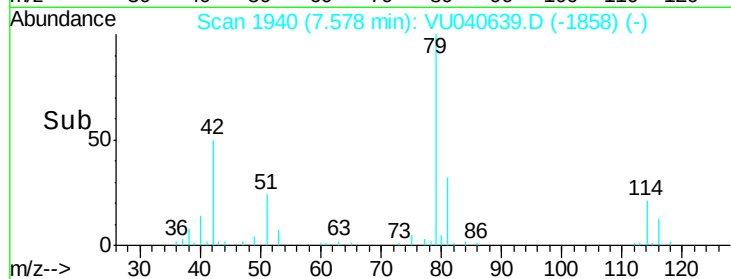
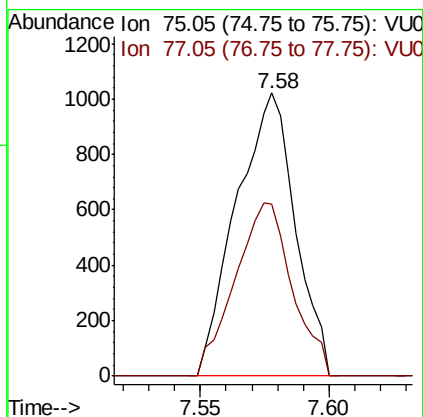
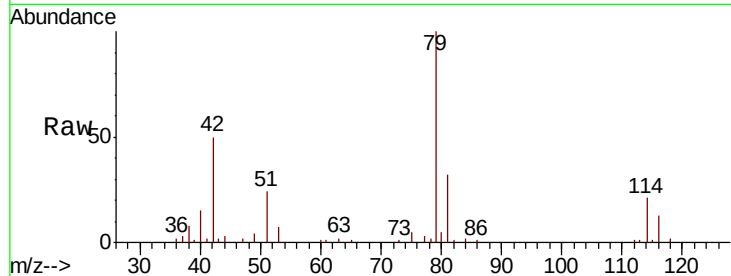




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040639.D
 Acq: 10 Oct 2020 17:05

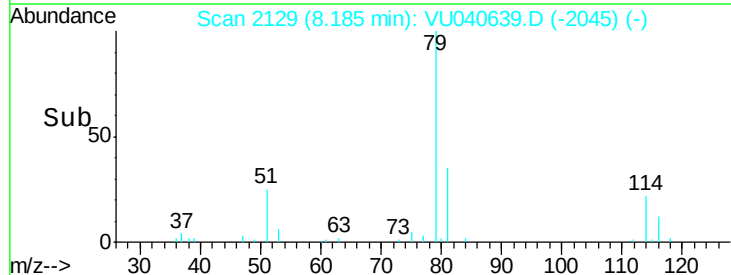
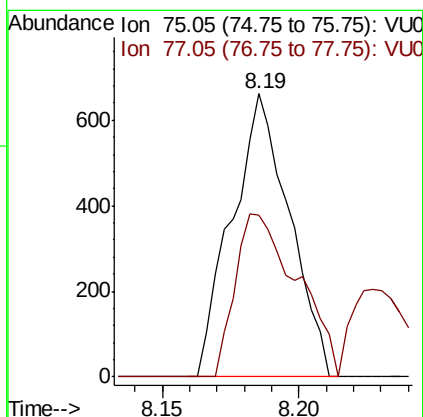
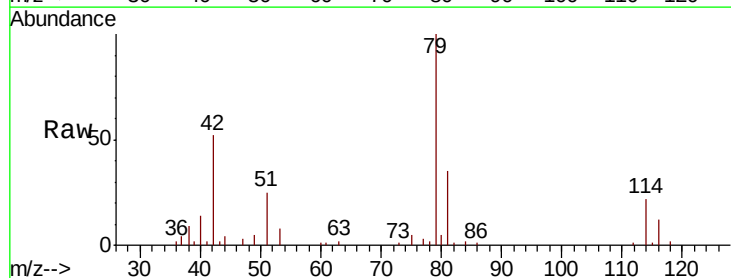
Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR9

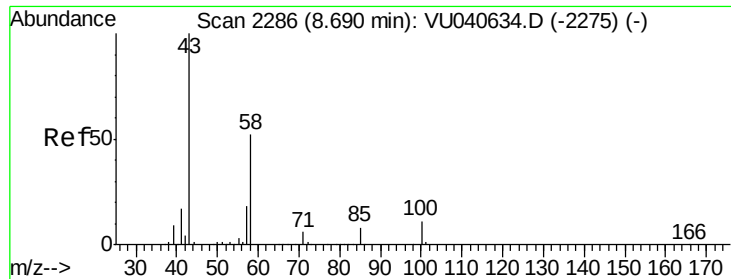
Tot Ion: 75 Resp: 1628
 Ion Ratio Lower Upper
 75 100
 77 60.9 20.5 38.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.062 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040639.D
 Acq: 10 Oct 2020 17:05

Tgt Ion: 75 Resp: 968
 Ion Ratio Lower Upper
 75 100
 77 57.3 20.4 38.0#

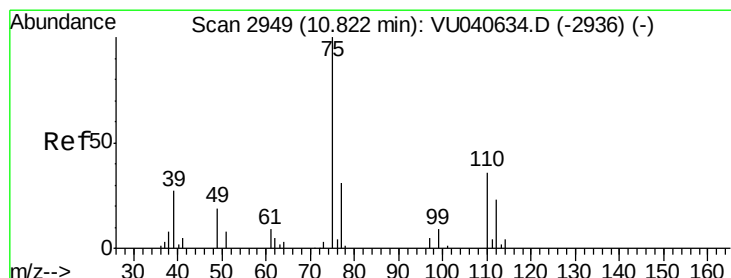
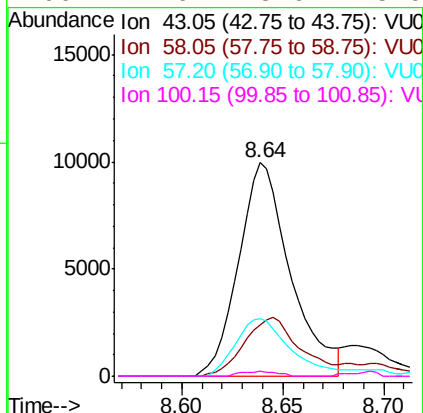
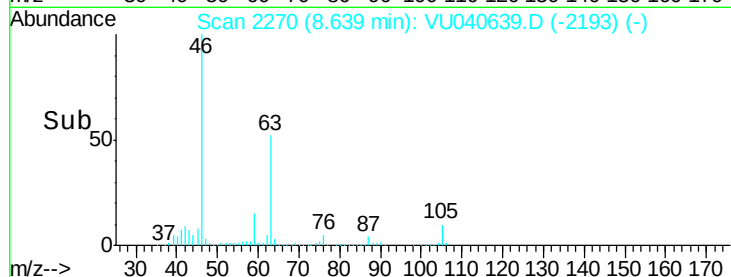
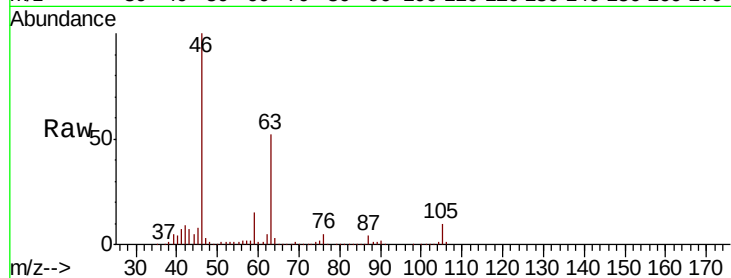




#48
 2-Hexanone
 Concen: 2.445 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040639.D
 Acq: 10 Oct 2020 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 BFZR9

Tot Ion:	43	Resp:	17875
Ion	Ratio	Lower	Upper
43	100		
58	29.6	41.0	61.6#
57	28.4	14.4	21.6#
100	1.6	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.965 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040639.D
 Acq: 10 Oct 2020 17:05

Tgt Ion:	75	Resp:	8729
Ion	Ratio	Lower	Upper
75	100		
77	39.7	26.4	39.6#

