

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040489.D
 Acq On : 03 Oct 2020 19:00
 Operator : SY/MD
 Sample : L4266-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS99

Quant Time: Oct 05 01:05:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29556	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	25712	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	48468	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.66	46	132817	44.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	5.08	84	64606	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	41664	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.75	84	121261	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	42957	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	103942	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	17504	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	109189	46.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.98%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41230	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	43890	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

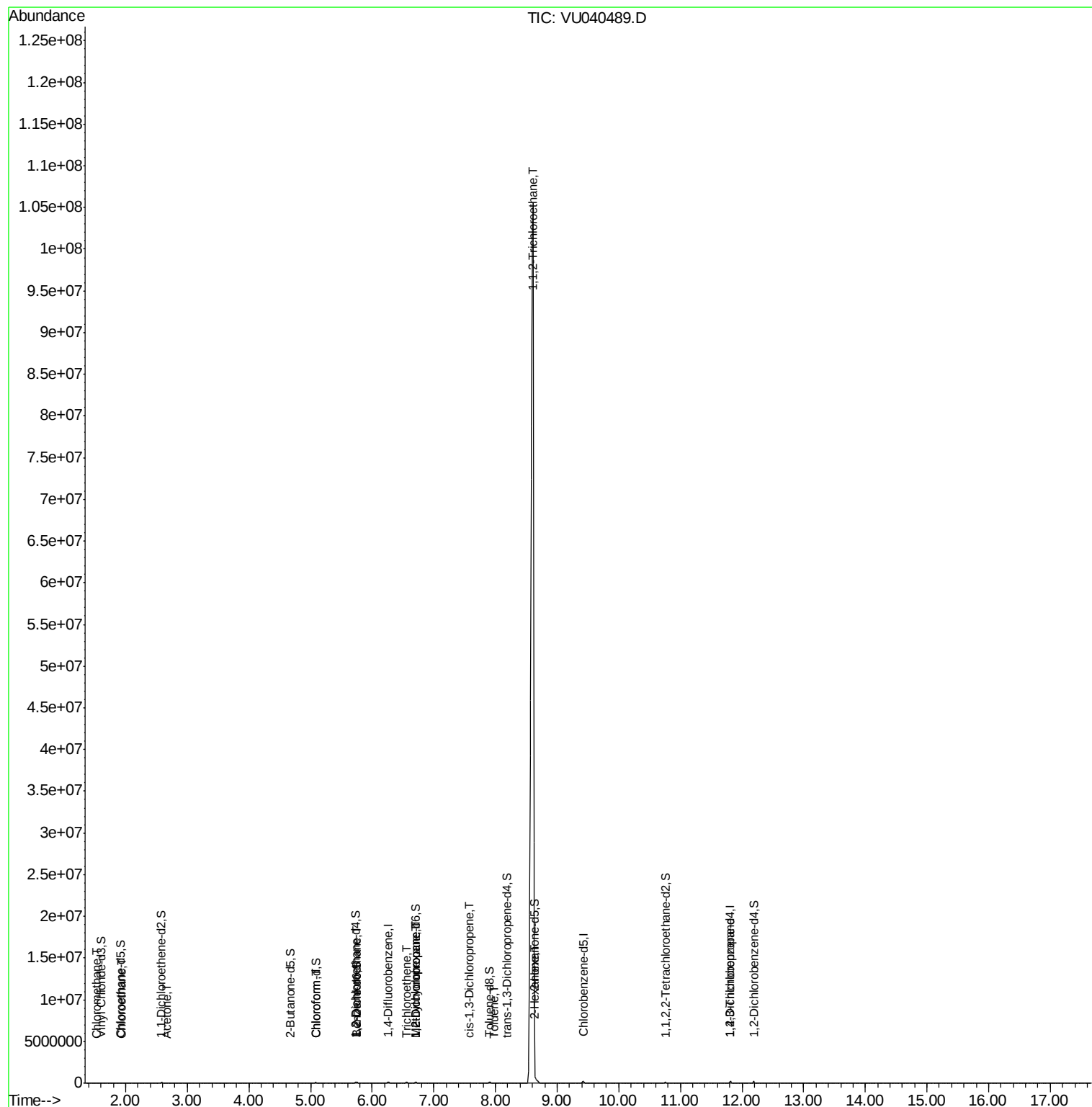
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	12436	1.039	ug/L	99
8) Chloroethane	1.94	64	499	0.072	ug/L #	55
13) Acetone	2.67	43	5869	2.354	ug/L	81
25) Chloroform	5.10	83	3017	0.150	ug/L	90
27) 1,2-Dichloroethane	5.75	62	909	0.065	ug/L #	74
34) Trichloroethene	6.56	95	30421	2.596	ug/L	94
35) Methylcyclohexane	6.70	83	9453	0.550	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4964	0.404	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1289	0.078	ug/L #	75
42) Toluene	7.98	91	3335	0.074	ug/L	93
45) 1,1,2-Trichloroethane	8.60	97	435494	50.545	ug/L #	1
48) 2-Hexanone	8.65	43	16857	2.377	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	8208	0.921	ug/L #	87

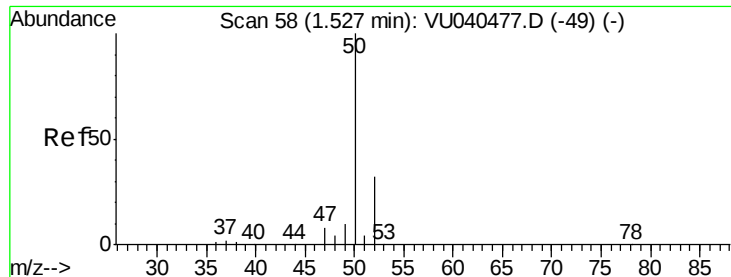
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.039 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040489.D

Acq: 03 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

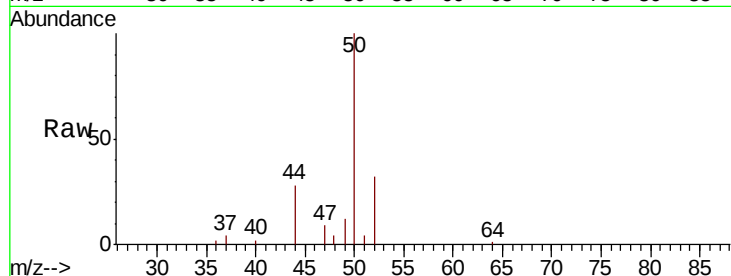
BFS99

Tot Ion: 50 Resp: 12436

Ion Ratio Lower Upper

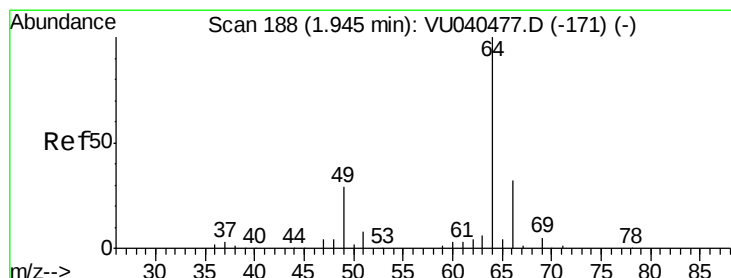
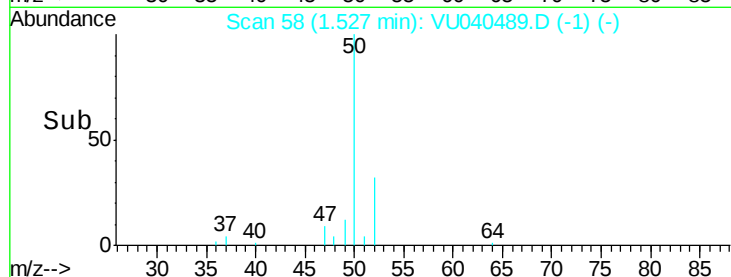
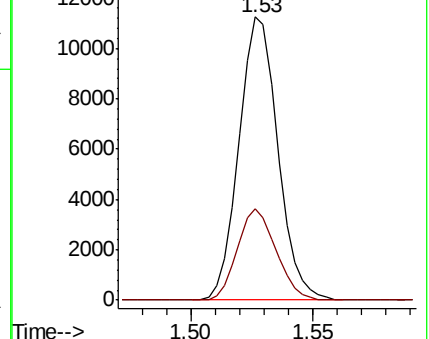
50 100

52 32.2 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU040477.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040477.D (-49) (-)



#8

Chloroethane

Concen: 0.072 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040489.D

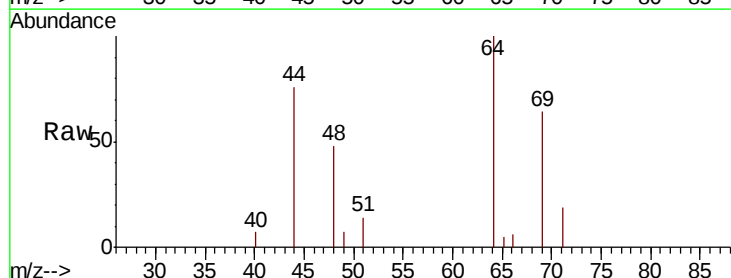
Acq: 03 Oct 2020 19:00

Tgt Ion: 64 Resp: 499

Ion Ratio Lower Upper

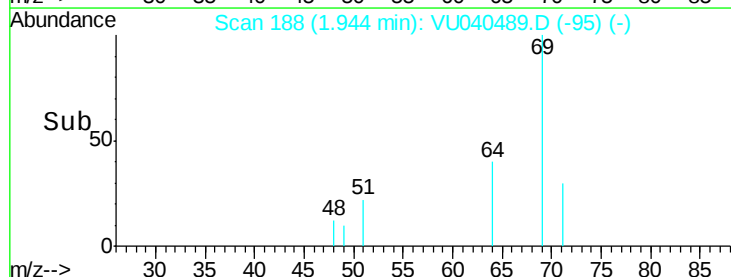
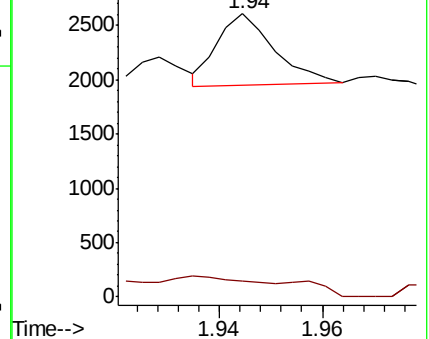
64 100

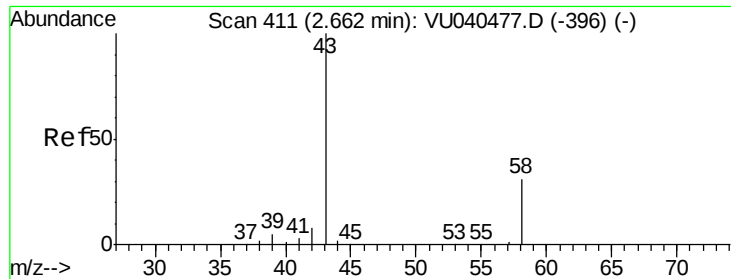
66 5.8 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU040477.D (-171) (-)

Ion 66.05 (65.75 to 66.75): VU040477.D (-171) (-)





#13

Acetone

Concen: 2.354 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040489.D

Acq: 03 Oct 2020 19:00

Instrument :

MSVOA_U

ClientSampleId :

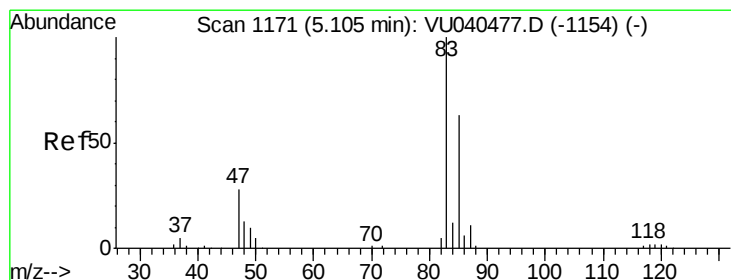
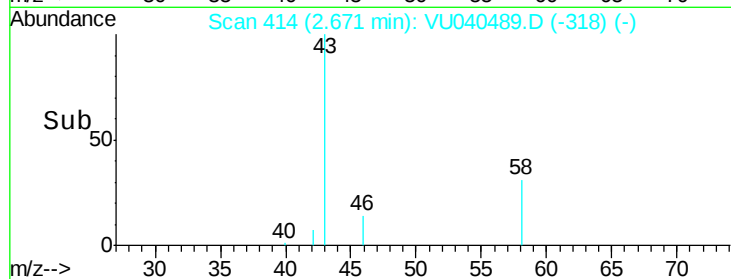
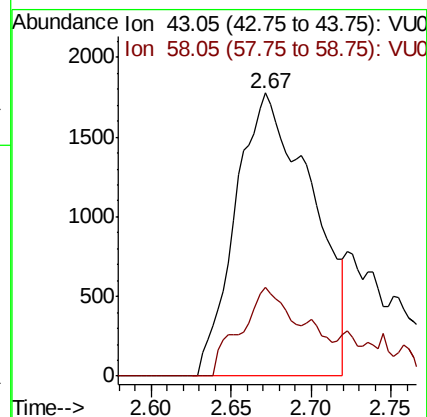
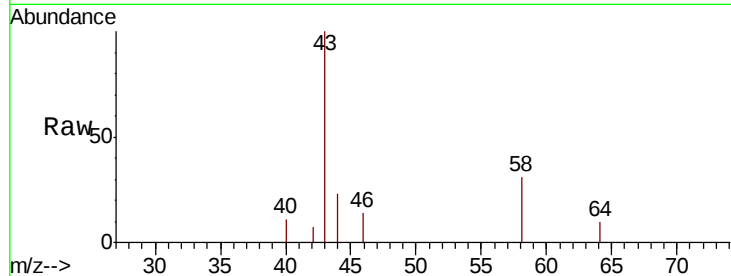
BFS99

Tot Ion: 43 Resp: 5869

Ion Ratio Lower Upper

43 100

58 20.2 0.0 61.8



#25

Chloroform

Concen: 0.150 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040489.D

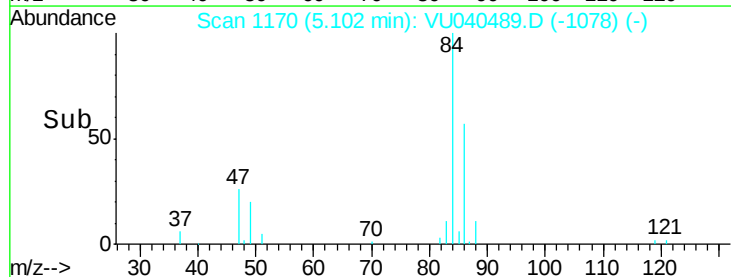
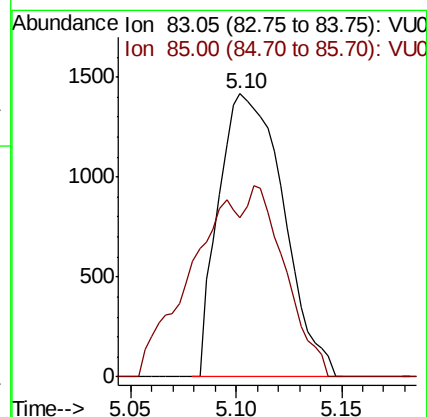
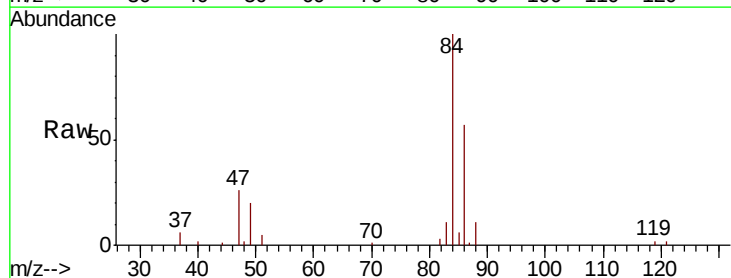
Acq: 03 Oct 2020 19:00

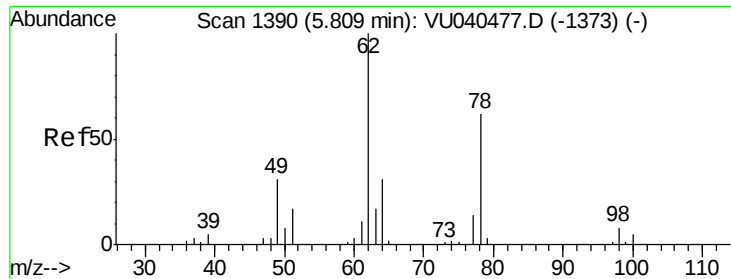
Tgt Ion: 83 Resp: 3017

Ion Ratio Lower Upper

83 100

85 56.0 44.6 82.8

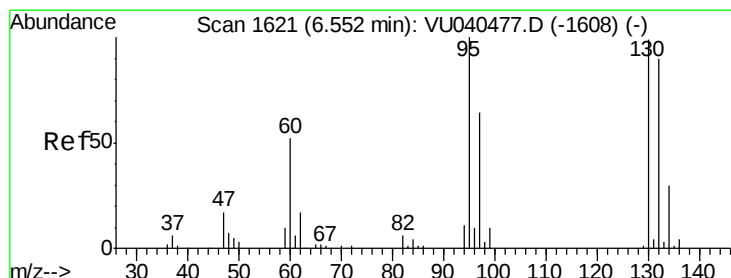
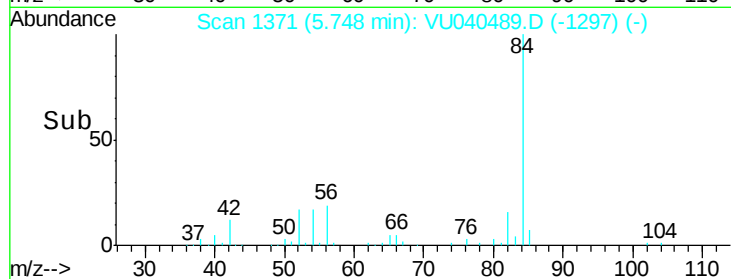
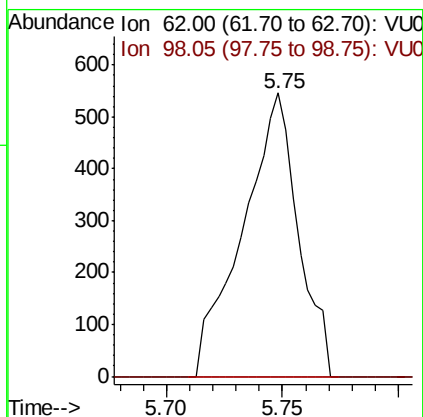
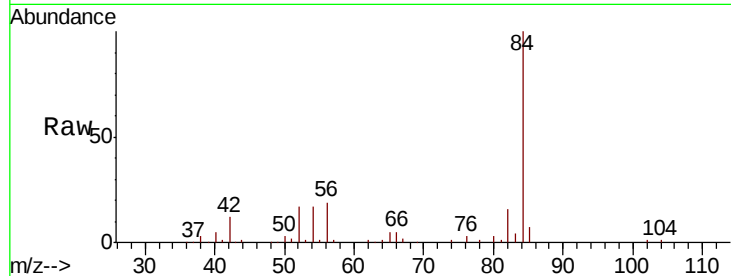




#27
 1,2-Dichloroethane
 Concen: 0.065 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

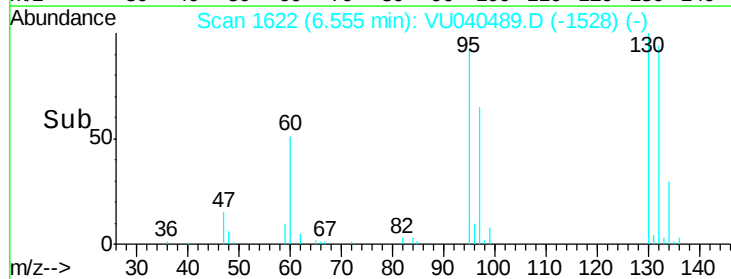
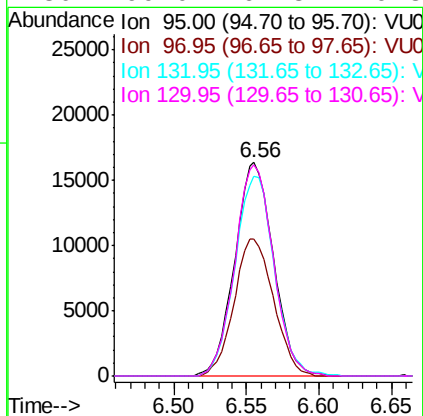
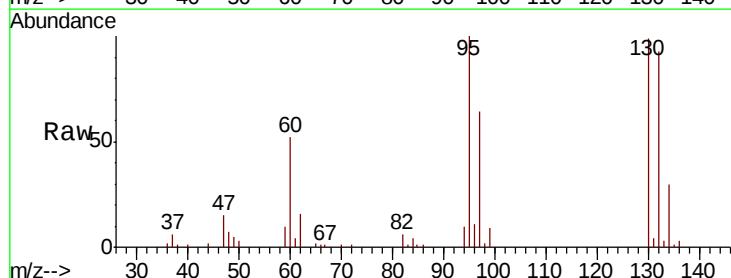
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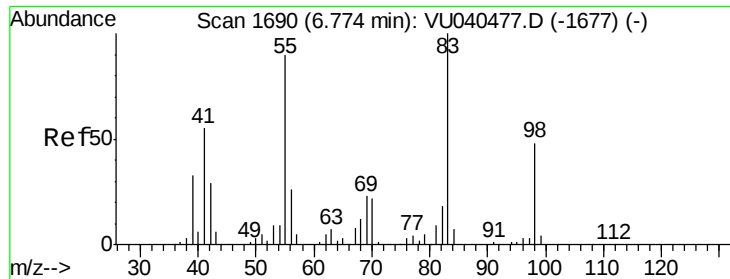
Tot Ion: 62 Resp: 909
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#34
 Trichloroethene
 Concen: 2.596 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

Tgt Ion: 95 Resp: 30421
 Ion Ratio Lower Upper
 95 100
 97 64.4 46.3 85.9
 132 93.3 60.5 112.3
 130 99.0 64.3 119.3

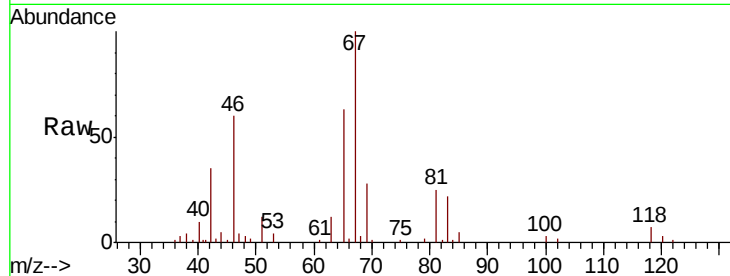




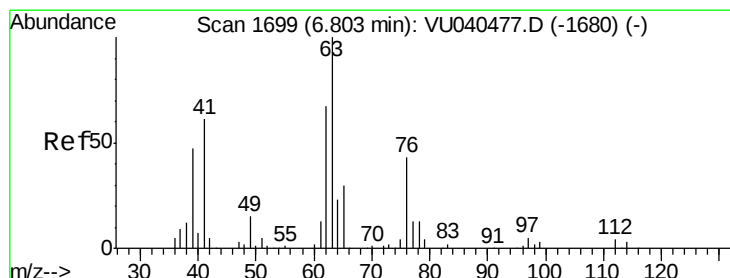
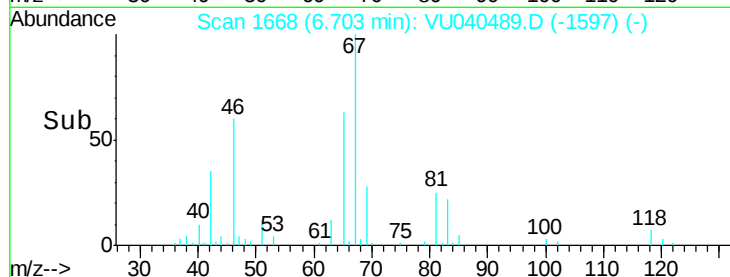
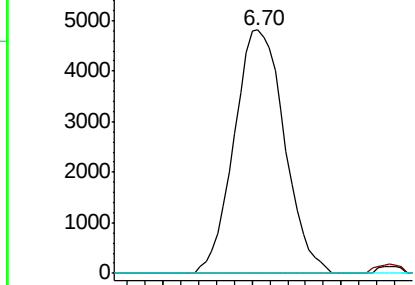
#35
Methvlcvclohexane
Concen: 0.550 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040489.D
Acq: 03 Oct 2020 19:00

Instrument :
MSVOA_U
ClientSampleId :
BFS99

Tot Ion: 83 Resp: 9453
Ion Ratio Lower Upper
83 100
55 1.8 71.4 107.2#
98 0.0 38.5 57.7#

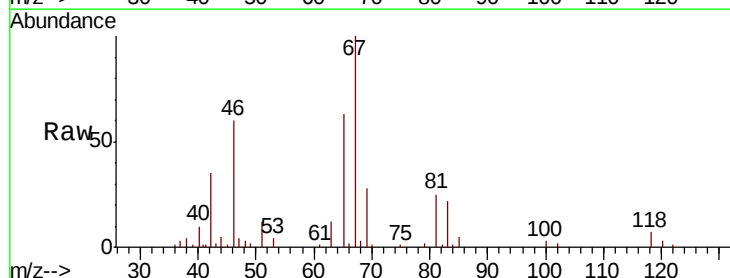


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

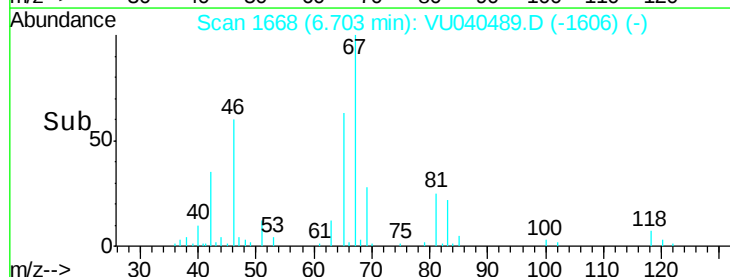
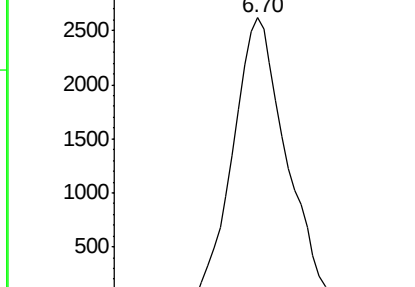


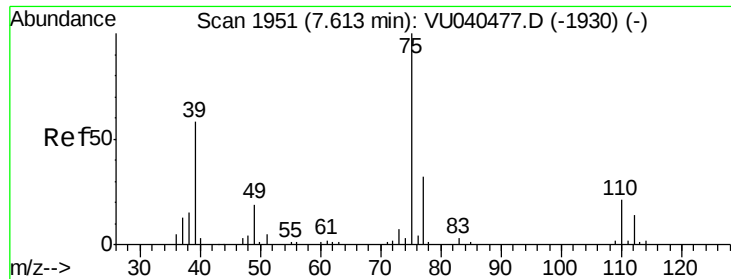
#37
1,2-Dichloropropane
Concen: 0.404 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040489.D
Acq: 03 Oct 2020 19:00

Tgt Ion: 63 Resp: 4964
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

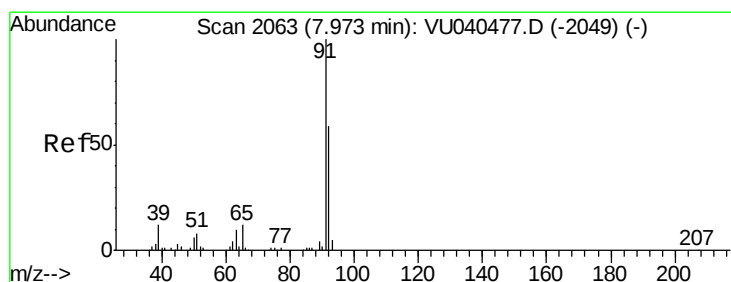
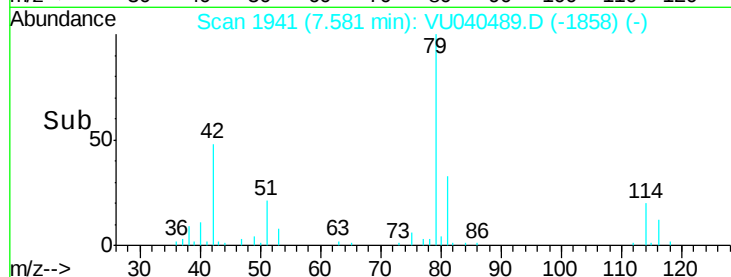
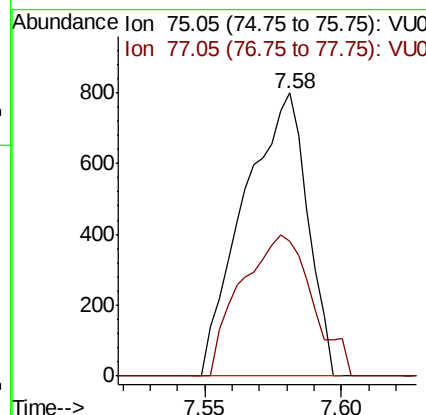
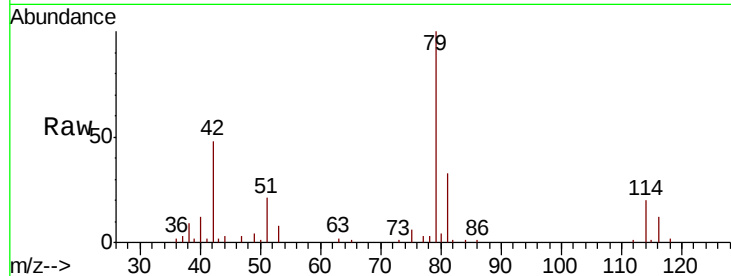




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.03 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

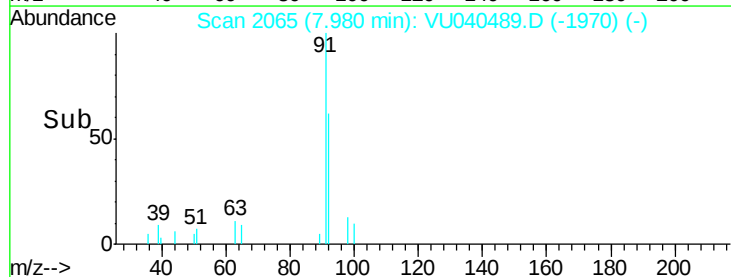
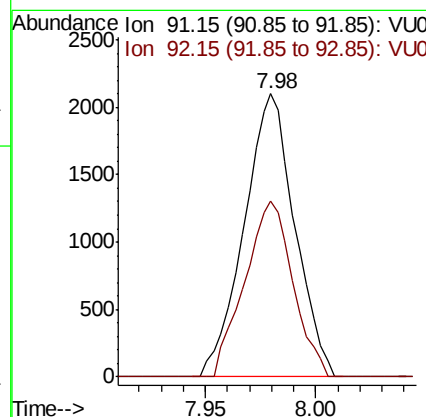
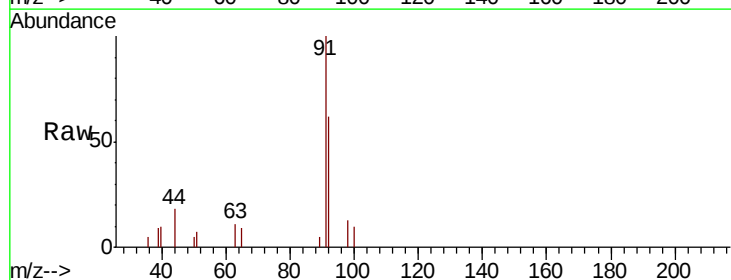
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 ClientSampled :
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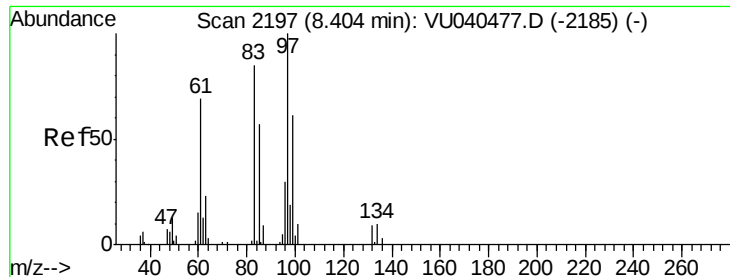
Tot Ion: 75 Resp: 1289
 Ion Ratio Lower Upper
 75 100
 77 47.9 23.5 43.7#



#42
 Toluene
 Concen: 0.074 ug/L
 RT: 7.98 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

Tgt Ion: 91 Resp: 3335
 Ion Ratio Lower Upper
 91 100
 92 62.0 40.0 74.4

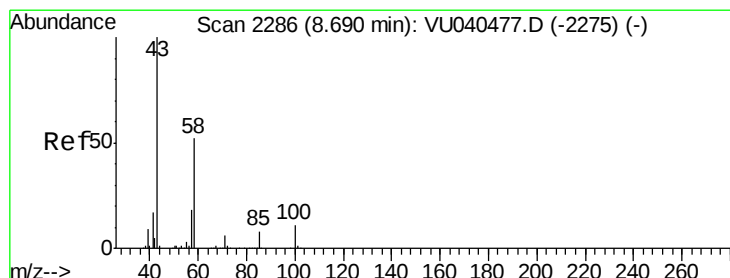
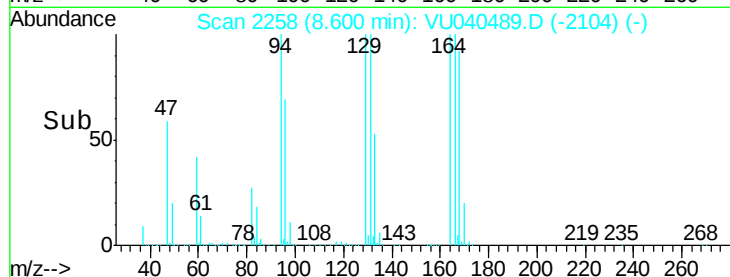
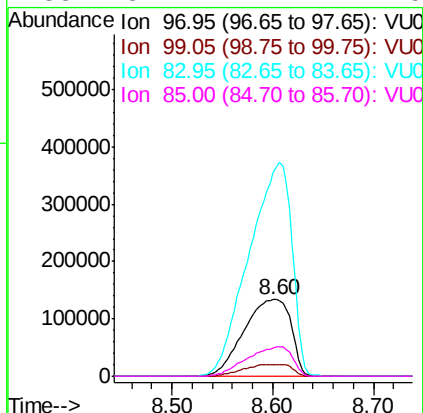
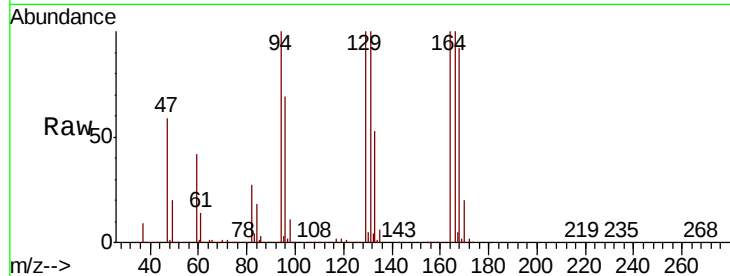




#45
 1,1,2-Trichloroethane
 Concen: 50.545 ug/L
 RT: 8.60 min Scan# 2258
 Delta R.T. 0.20 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

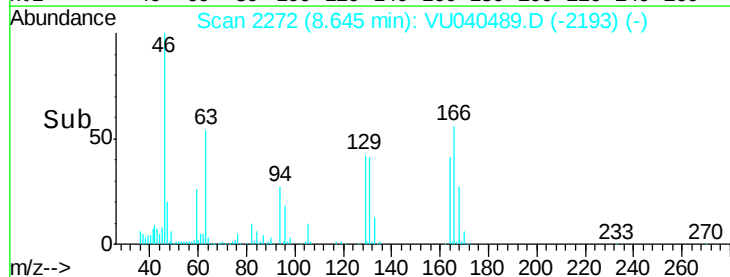
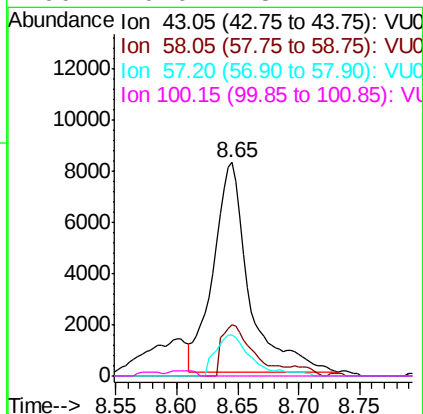
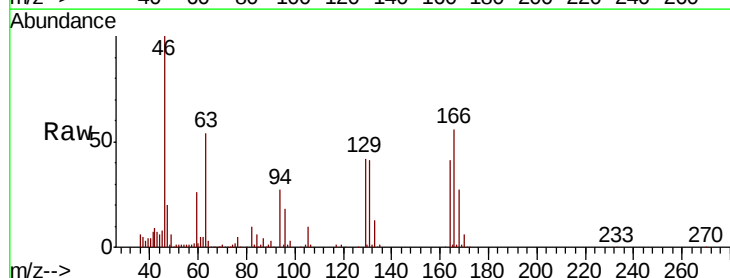
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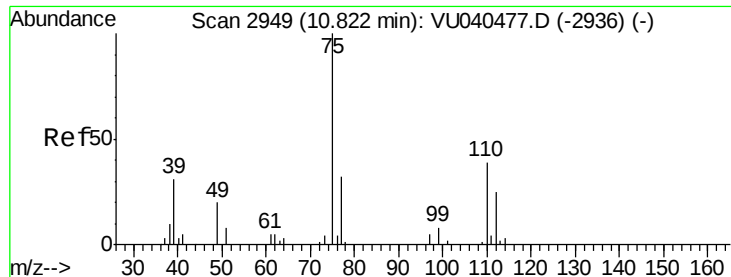
Tot Ion: 97 Resp: 435494
 Ion Ratio Lower Upper
 97 100
 99 15.2 45.8 85.0#
 83 265.4 62.9 116.9#
 85 37.1 41.7 77.5#



#48
 2-Hexanone
 Concen: 2.377 ug/L
 RT: 8.65 min Scan# 2272
 Delta R.T. -0.05 min
 Lab File: VU040489.D
 Acq: 03 Oct 2020 19:00

Tgt Ion: 43 Resp: 16857
 Ion Ratio Lower Upper
 43 100
 58 21.5 41.0 61.4#
 57 18.0 14.6 22.0
 100 0.0 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 0.921 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040489.D

Acq: 03 Oct 2020 19:00

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ClientSampleId :

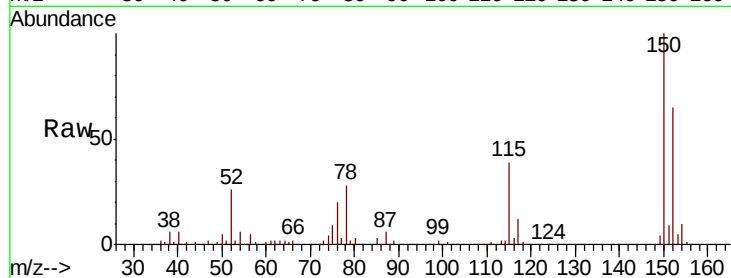
BFS99

Tot Ion: 75 Resp: 8208

Ion Ratio Lower Upper

75 100

77 39.5 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

