

Data File : VU035491.D
Acq On : 25 Oct 2019 17:07
Operator : JC/SP
Sample : K5567-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JLNC8

Quant Time: Oct 26 04:10:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	198613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	224596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91029	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121054	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	99580	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.59	63	154046	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.71	46	261563	50.03	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.06%
24) Chloroform-d	5.11	84	193075	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	102674	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	380279	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.74	67	126624	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	317279	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.22	79	46632	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.69	63	181041	46.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98548	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	101678	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

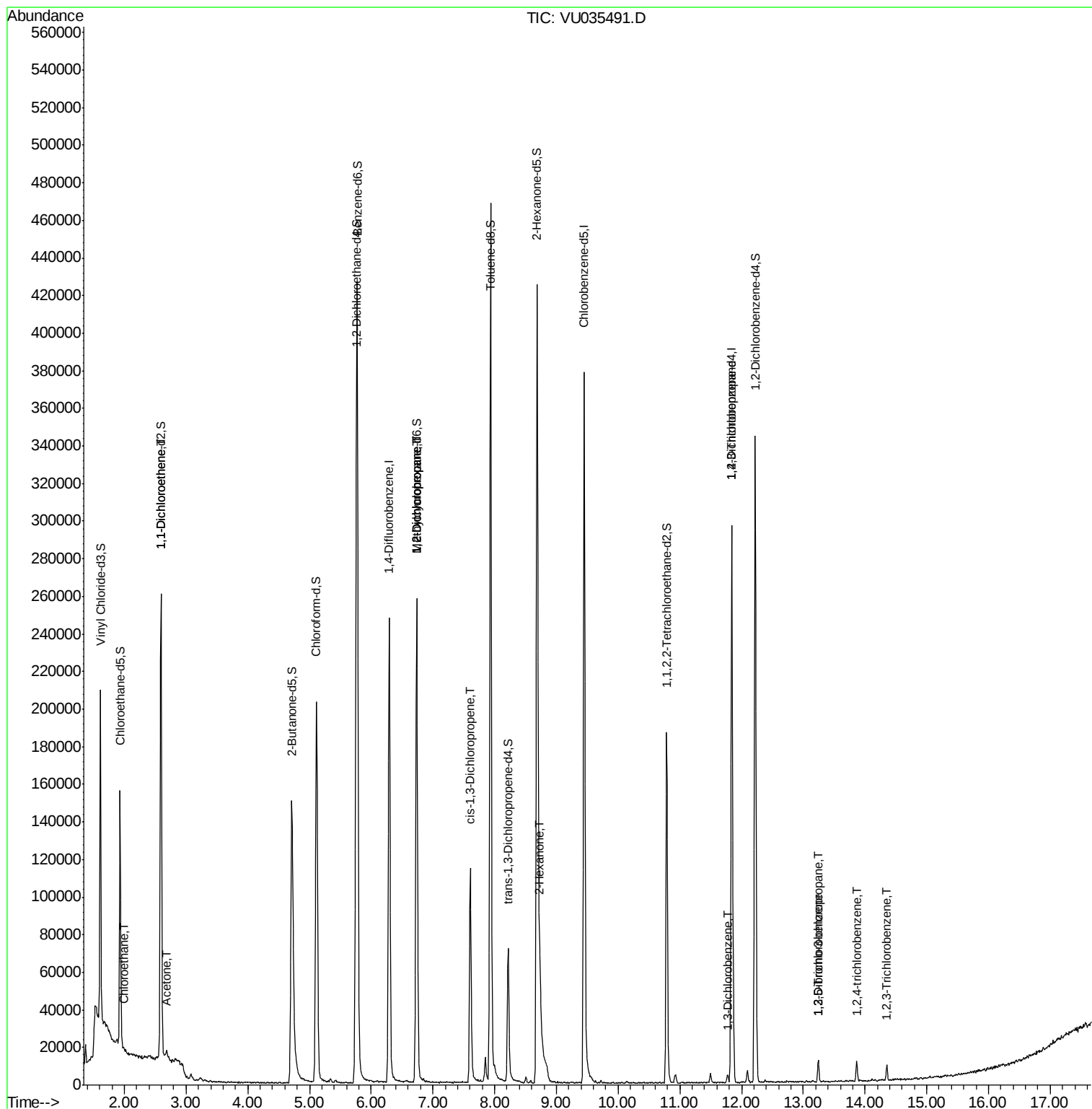
					Qvalue
8) Chloroethane	2.00	64	1589	0.087 ug/L #	54
12) 1,1-Dichloroethene	2.60	96	1361	0.072 ug/L #	1
13) Acetone	2.68	43	6226	1.568 ug/L	92
35) Methylcyclohexane	6.73	83	29555	0.869 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	13732	0.581 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3115	0.095 ug/L #	24
48) 2-Hexanone	8.74	43	13951	1.482 ug/L	94
59) 1,2,3-Trichloropropane	11.84	75	12315	0.813 ug/L	99
62) 1,3-Dichlorobenzene	11.78	146	2190	0.070 ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.24	75	514	0.256 ug/L #	2
67) 1,3,5-Trichlorobenzene	13.24	180	4074	0.212 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	3753	0.351 ug/L	91
70) 1,2,3-Trichlorobenzene	14.35	180	2750	0.259 ug/L	98

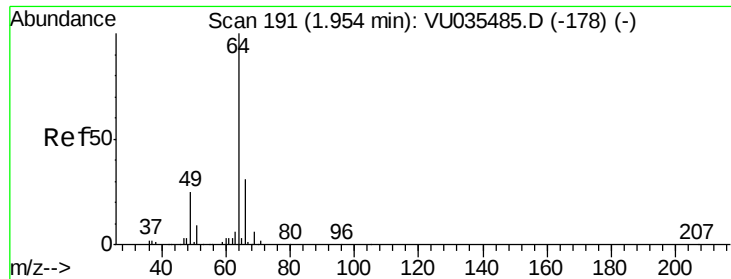
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.087 ug/L

RT: 2.00 min Scan# 206

Delta R.T. 0.05 min

Lab File: VU035491.D

Acq: 25 Oct 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

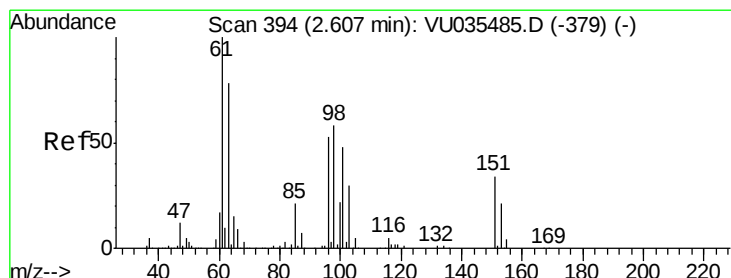
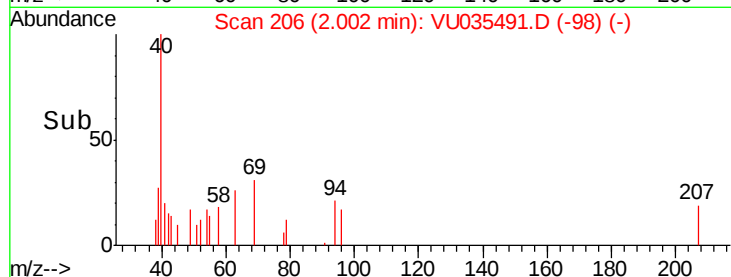
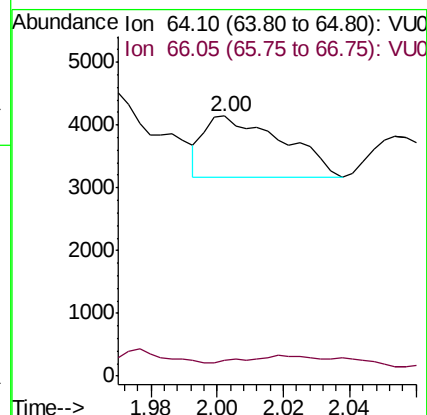
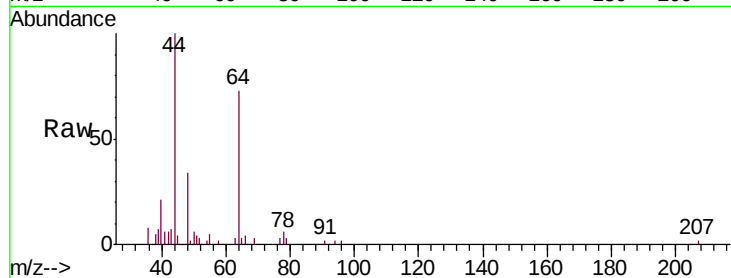
JLNC8

Tgt Ion: 64 Resp: 1589

Ion Ratio Lower Upper

64 100

66 6.1 21.8 40.6#



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035491.D

Acq: 25 Oct 2019 17:07

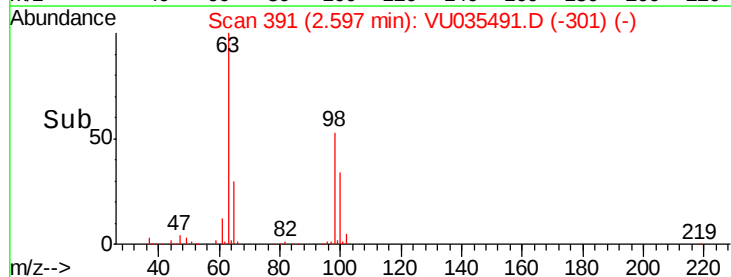
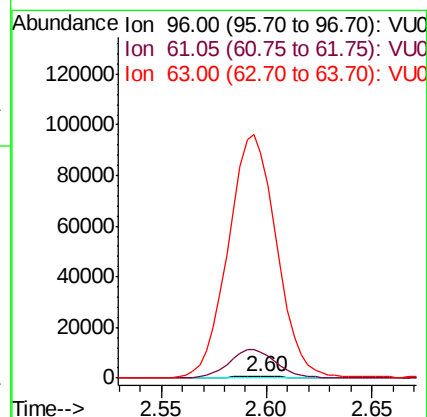
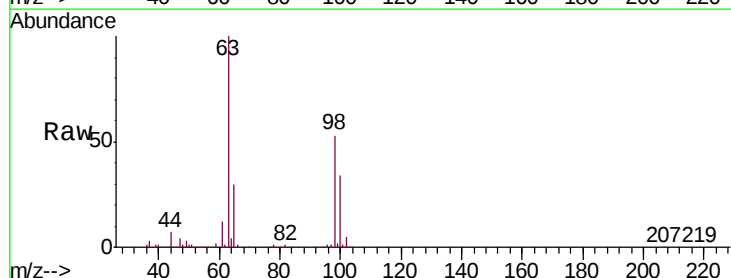
Tgt Ion: 96 Resp: 1361

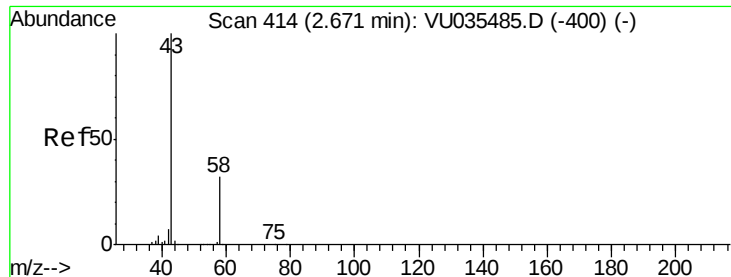
Ion Ratio Lower Upper

96 100

61 1587.8 131.9 244.9#

63 13770.9 97.0 180.2#





#13

Acetone

Concen: 1.568 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU035491.D

Acq: 25 Oct 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

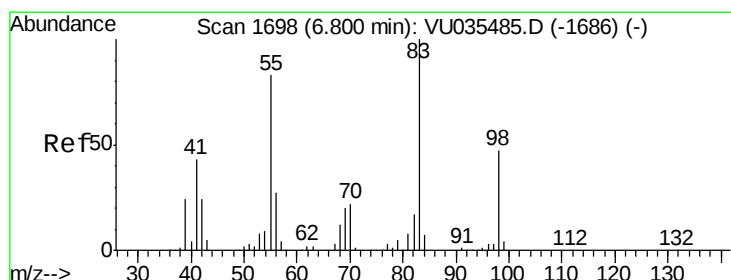
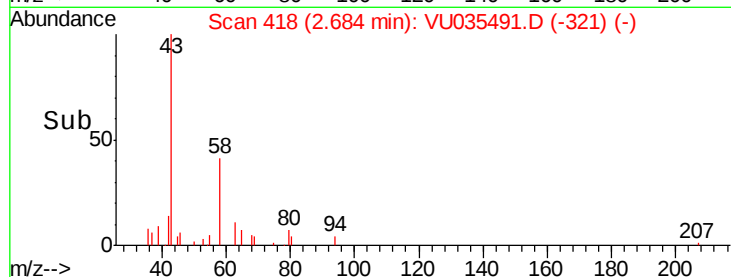
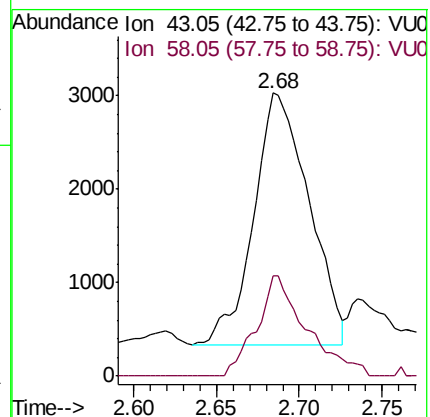
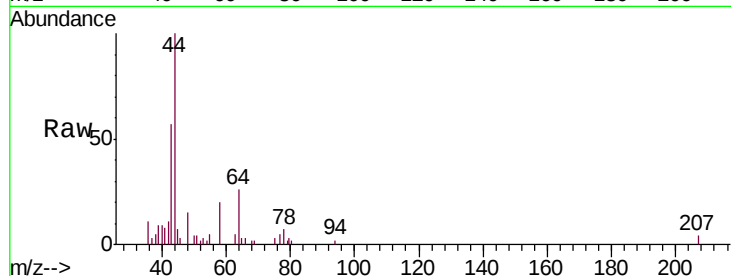
JLNC8

Tgt Ion: 43 Resp: 6226

Ion Ratio Lower Upper

43 100

58 36.3 0.0 63.2



#35

Methylcyclohexane

Concen: 0.869 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035491.D

Acq: 25 Oct 2019 17:07

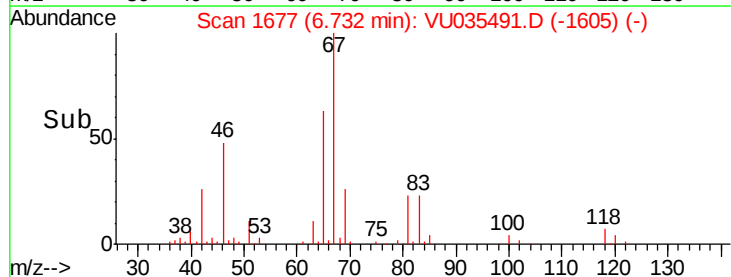
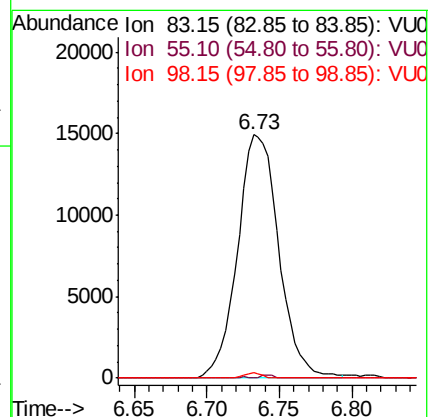
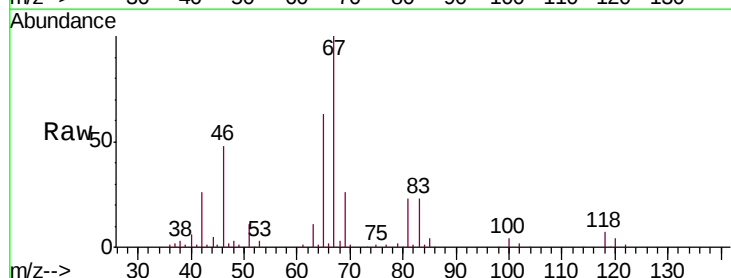
Tgt Ion: 83 Resp: 29555

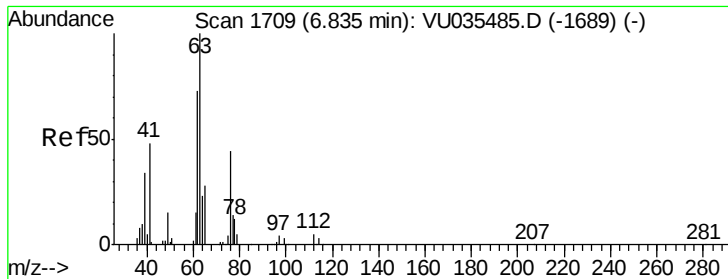
Ion Ratio Lower Upper

83 100

55 0.1 67.3 100.9#

98 0.8 39.0 58.6#

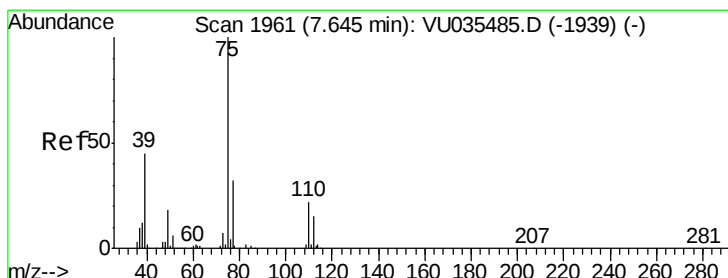
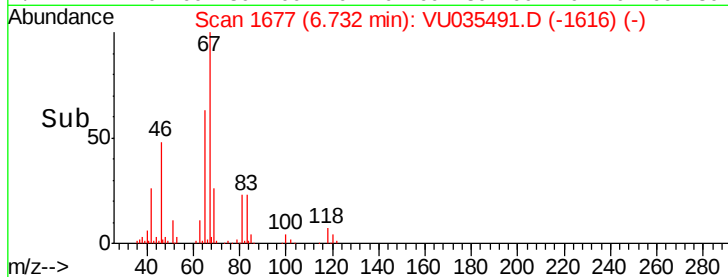
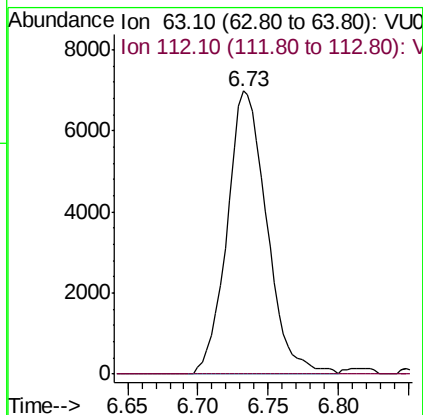
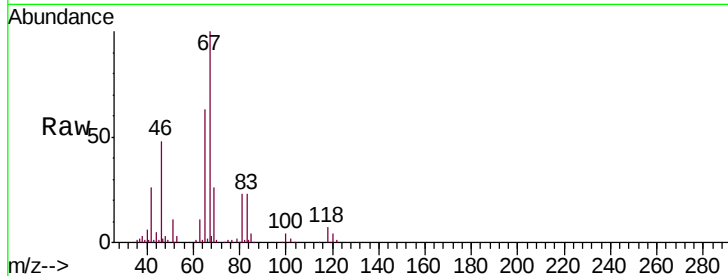




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

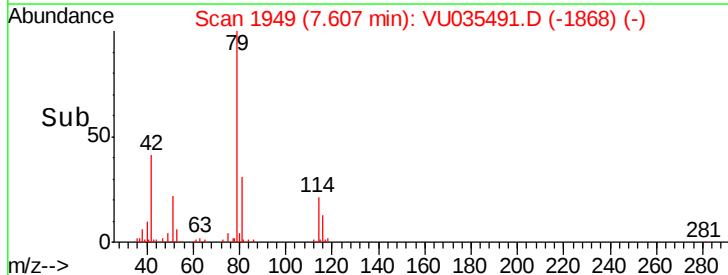
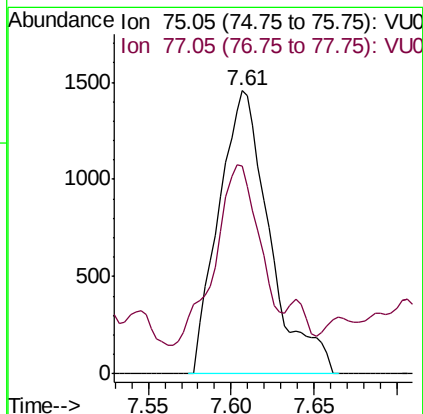
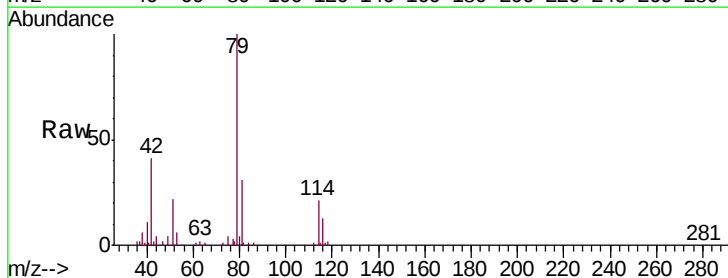
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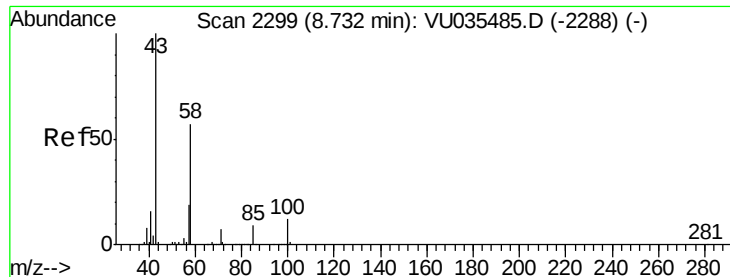
Tgt Ion: 63 Resp: 13732
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Tgt Ion: 75 Resp: 3115
 Ion Ratio Lower Upper
 75 100
 77 73.5 22.0 40.8#

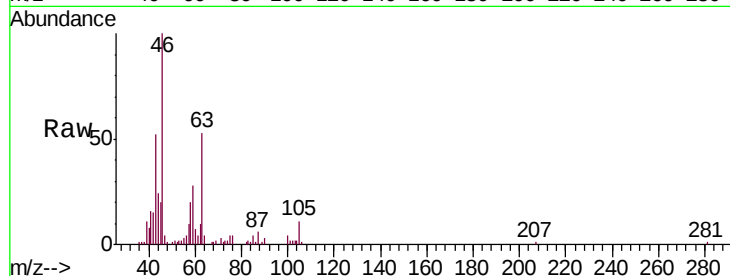




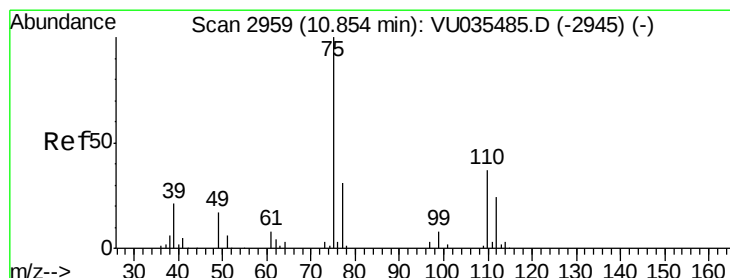
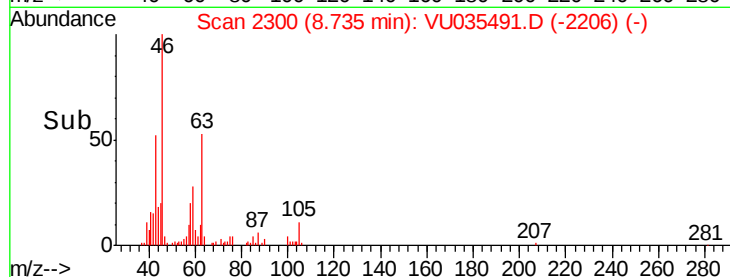
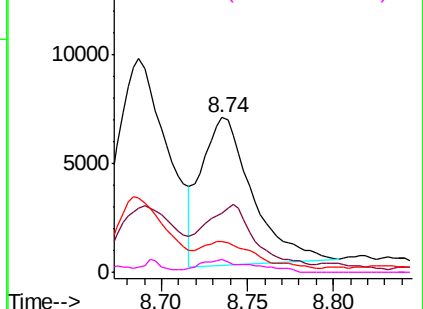
#48
 2-Hexanone
 Concen: 1.482 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Instrument :
 MSVOA_U
 ClientSampleId :
 JLNC8

Tgt Ion:	43	Resp:	13951
Ion	Ratio	Lower	Upper
43	100		
58	49.1	43.1	64.7
57	20.0	14.2	21.2
100	9.3	9.0	13.4

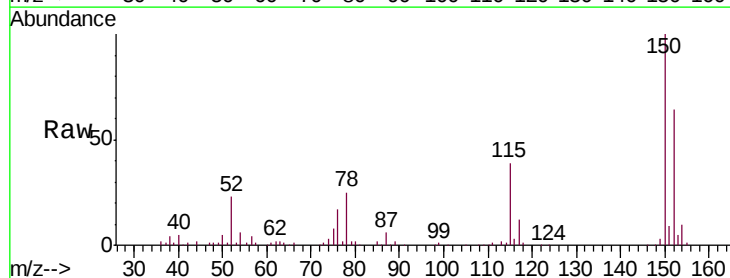


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

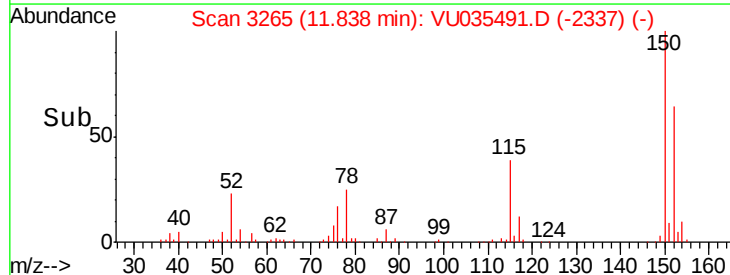
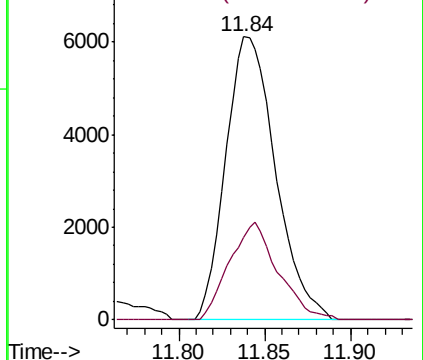


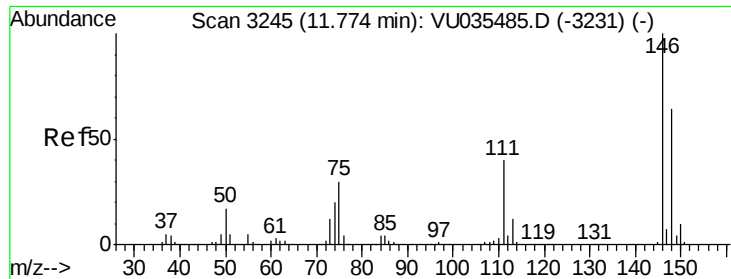
#59
 1,2,3-Trichloropropane
 Concen: 0.813 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.98 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Tgt Ion:	75	Resp:	12315
Ion	Ratio	Lower	Upper
75	100		
77	33.6	27.4	41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

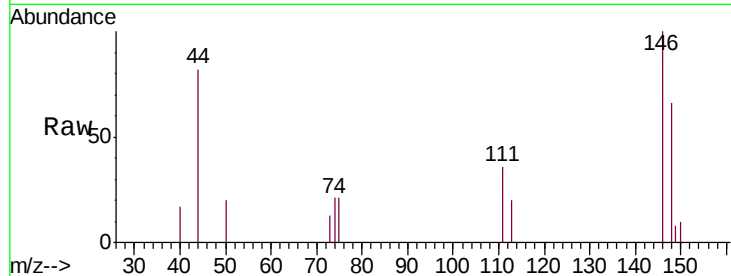




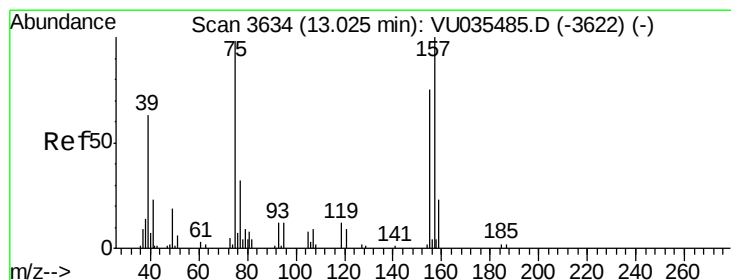
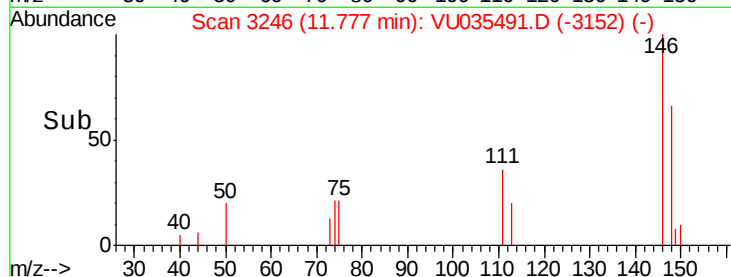
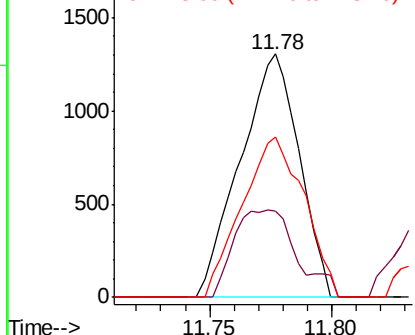
#62
 1,3-Dichlorobenzene
 Concen: 0.070 ug/L
 RT: 11.78 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Instrument :
 MSVOA_U
 ClientSampleId :
 JLNC8

Tgt Ion: 146 Resp: 2190
 Ion Ratio Lower Upper
 146 100
 111 35.6 28.1 52.3
 148 65.9 44.8 83.2

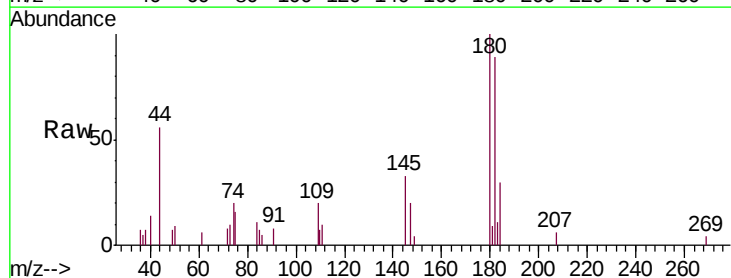


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

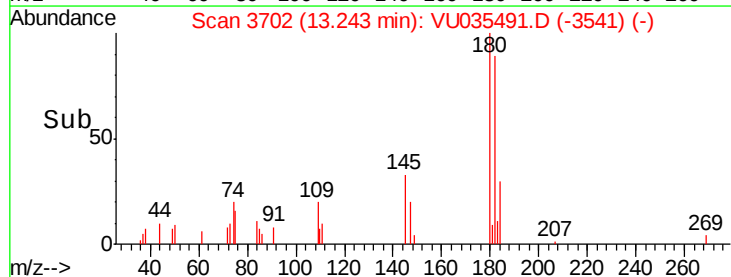
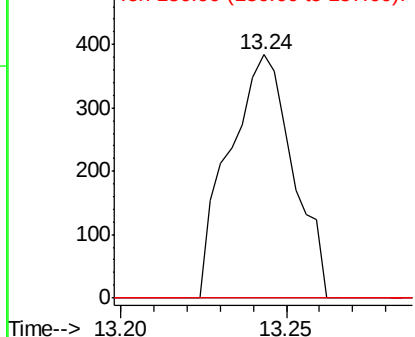


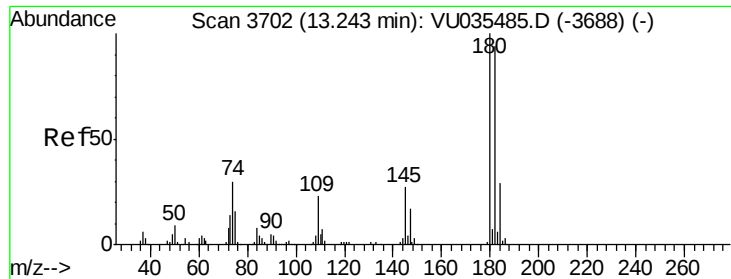
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.256 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. 0.22 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Tgt Ion: 75 Resp: 514
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.1 100.7#
 157 0.0 83.4 125.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

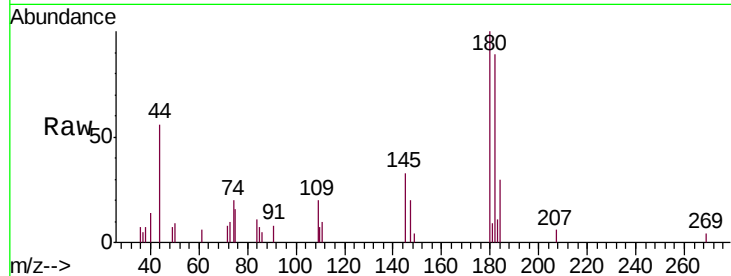




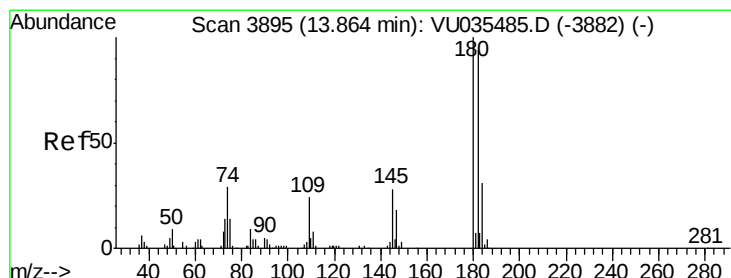
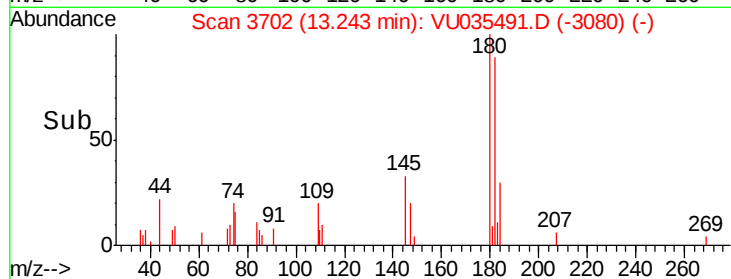
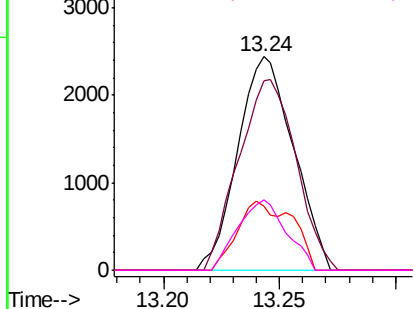
#67
 1,3,5-Trichlorobenzene
 Concen: 0.212 ug/L
 RT: 13.24 min Scan# 3702
 Delta R.T. -0.00 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Instrument :
 MSVOA_U
 ClientSampleId :
 JLNC8

Tgt Ion:180 Resp: 4074
 Ion Ratio Lower Upper
 180 100
 182 92.3 75.3 112.9
 184 31.8 25.1 37.7
 145 28.9 21.8 32.8

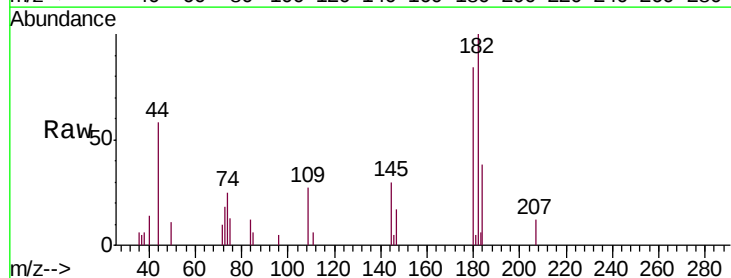


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

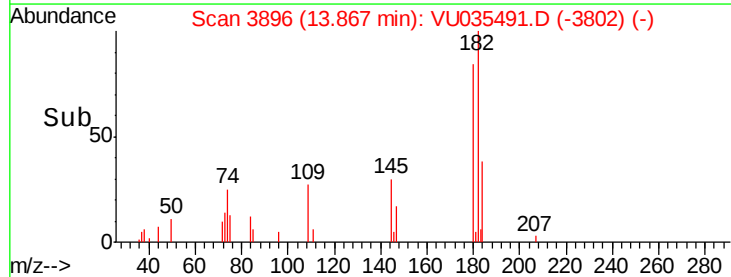
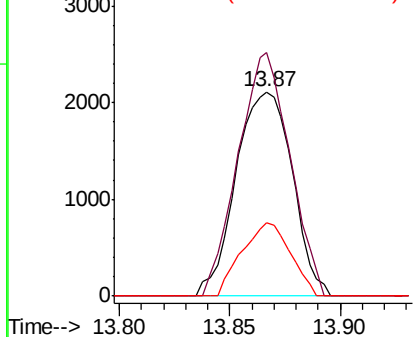


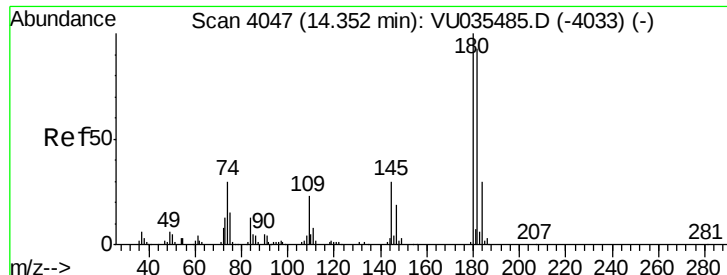
#68
 1,2,4-trichlorobenzene
 Concen: 0.351 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035491.D
 Acq: 25 Oct 2019 17:07

Tgt Ion:180 Resp: 3753
 Ion Ratio Lower Upper
 180 100
 182 109.2 78.7 118.1
 145 30.8 23.4 35.2



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#70

1,2,3-Trichlorobenzene

Concen: 0.259 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035491.D

Acq: 25 Oct 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

JLNC8

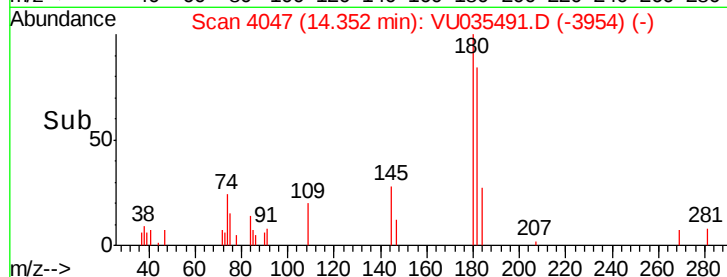
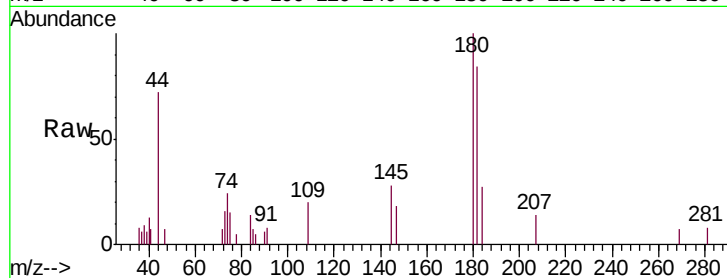
Tgt Ion:180 Resp: 2750

Ion Ratio Lower Upper

180 100

182 97.3 76.6 114.8

145 28.8 23.8 35.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

