

Data File : VU036001.D
Acq On : 05 Dec 2019 18:20
Operator : JC/SP
Sample : K6132-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR0

Quant Time: Dec 06 01:02:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129425	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	111603	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	143678	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.70	46	295224	52.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.14%
24) Chloroform-d	5.11	84	209453	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	112137	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	402413	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.73	67	129465	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	324903	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.22	79	49454	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.68	63	241120	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	120688	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	126417	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

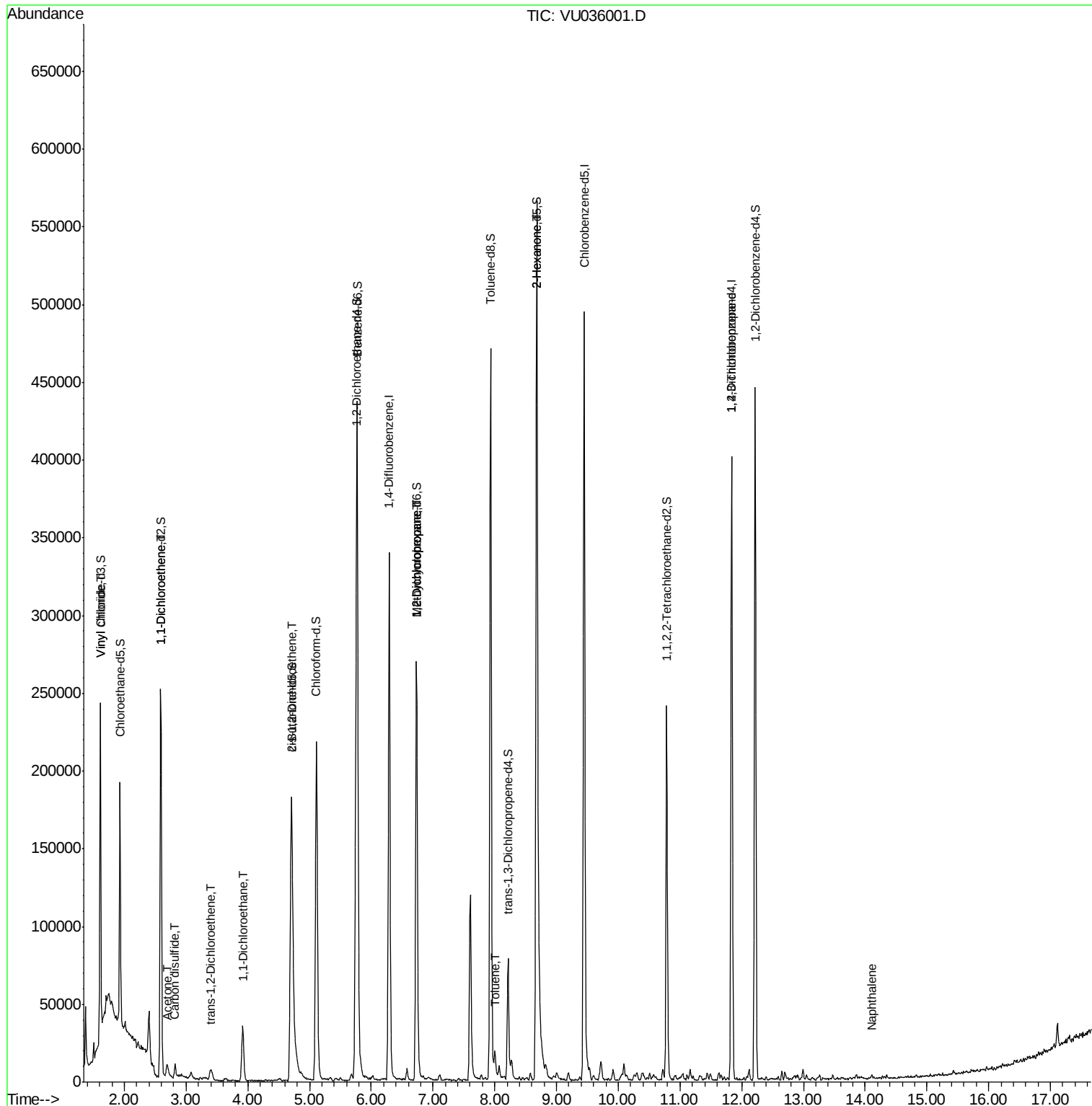
					Qvalue
5) Vinyl chloride	1.62	62	17287	0.520 ug/L #	1
12) 1,1-Dichloroethene	2.59	96	1703	0.085 ug/L #	1
13) Acetone	2.69	43	16604	3.270 ug/L	100
14) Carbon disulfide	2.82	76	13467	0.193 ug/L #	87
18) trans-1,2-Dichloroethene	3.39	96	1760	0.083 ug/L	93
19) 1,1-Dichloroethane	3.92	63	40896	0.991 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	22344	1.002 ug/L	88
35) Methylcyclohexane	6.73	83	31731	0.883 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	14068	0.548 ug/L #	88
42) Toluene	8.00	91	10401	0.105 ug/L	95
48) 2-Hexanone	8.68	43	26339	2.364 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	13616	0.816 ug/L	89
69) Naphthalene	14.10	128	2391	0.147 ug/L #	89

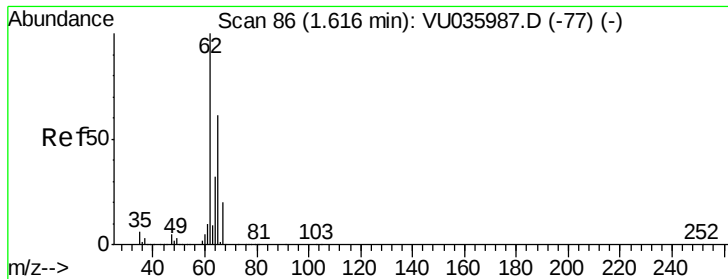
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.520 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

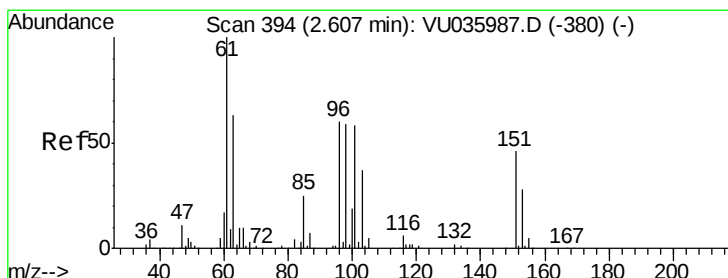
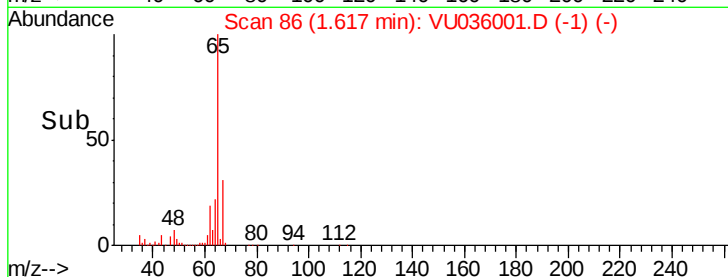
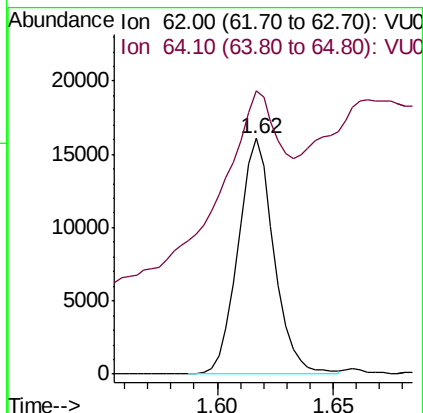
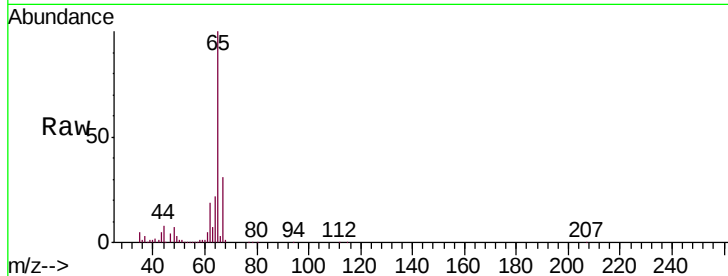
BFQR0

Tgt Ion: 62 Resp: 17287

Ion Ratio Lower Upper

62 100

64 120.0 23.0 42.6#



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

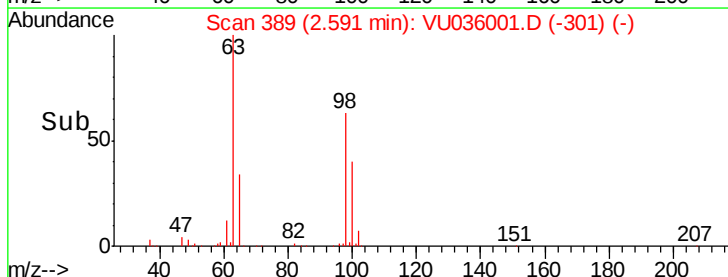
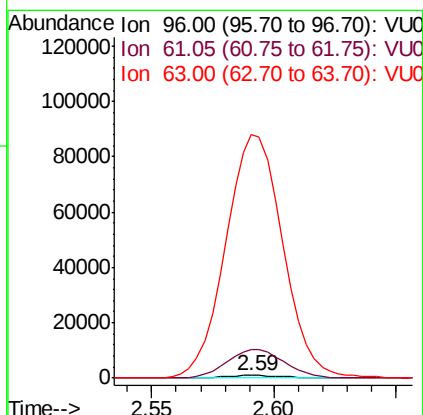
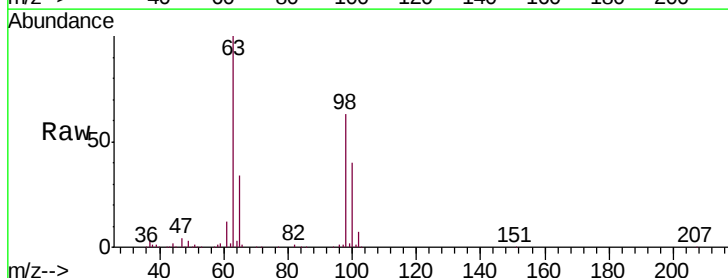
Tgt Ion: 96 Resp: 1703

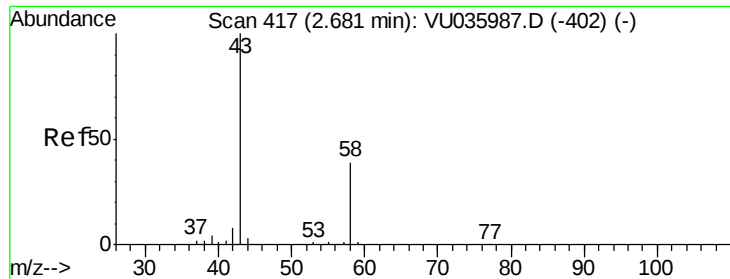
Ion Ratio Lower Upper

96 100

61 1034.5 127.1 236.1#

63 8962.9 86.0 159.8#





#13

Acetone

Concen: 3.270 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU036001.D

Acq: 05 Dec 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

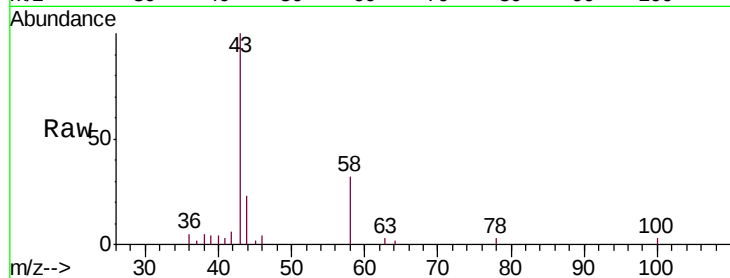
BFQR0

Tgt Ion: 43 Resp: 16604

Ion Ratio Lower Upper

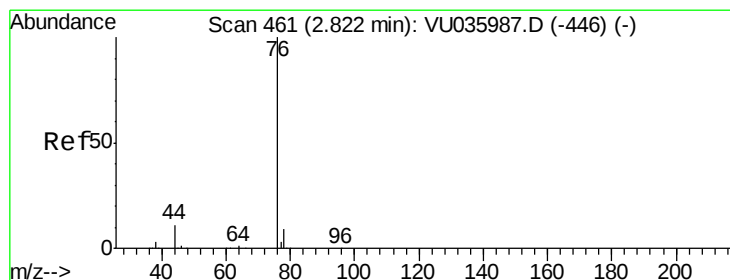
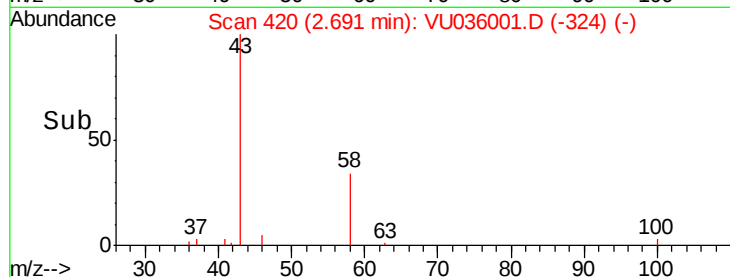
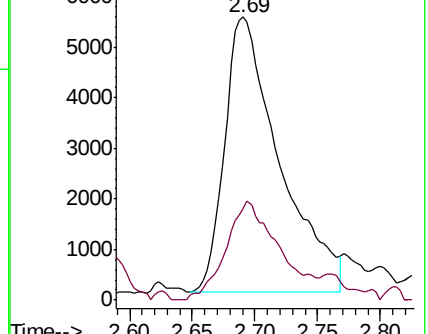
43 100

58 34.4 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035987.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035987.D (-402) (-)



#14

Carbon disulfide

Concen: 0.193 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036001.D

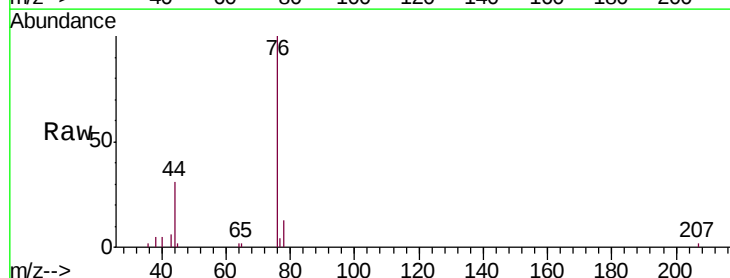
Acq: 05 Dec 2019 18:20

Tgt Ion: 76 Resp: 13467

Ion Ratio Lower Upper

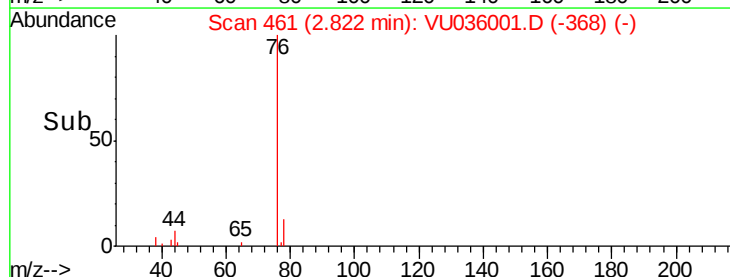
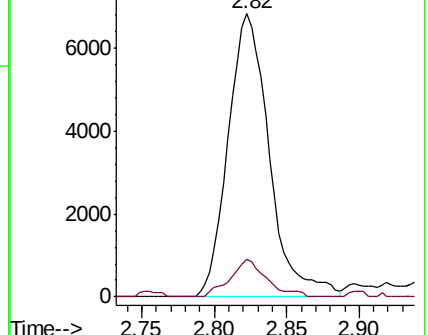
76 100

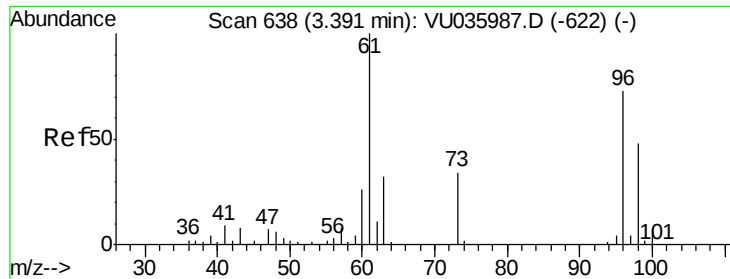
78 13.1 6.9 10.3#



Abundance Ion 76.05 (75.75 to 76.75): VU035987.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035987.D (-446) (-)

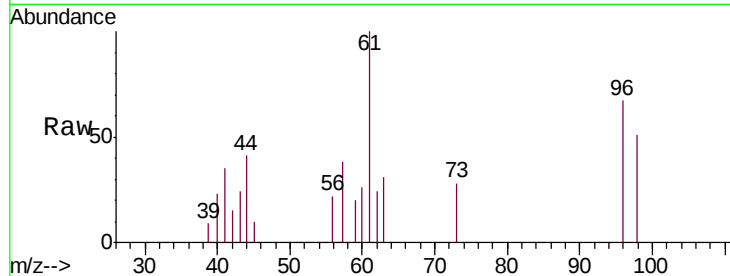




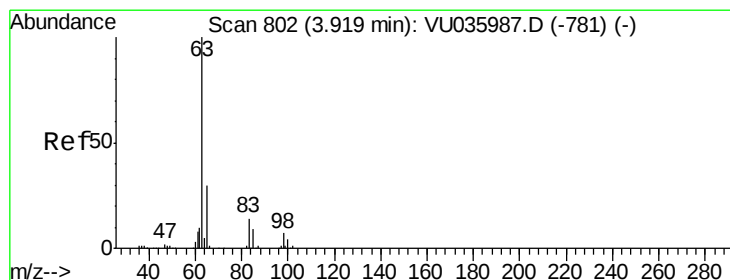
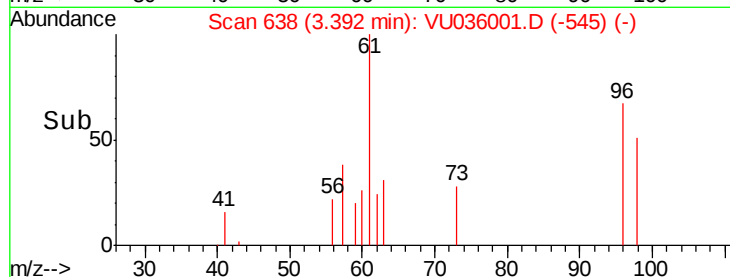
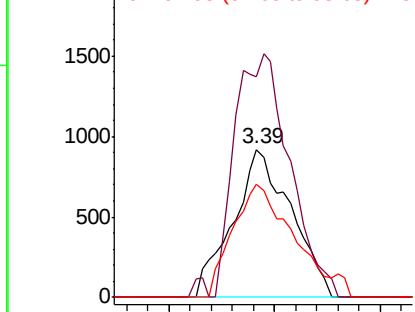
#18
trans-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036001.D
Acq: 05 Dec 2019 18:20

Instrument :
MSVOA_U
ClientSampleId :
BFQR0

Tgt Ion: 96 Resp: 1760
Ion Ratio Lower Upper
96 100
61 149.2 101.2 187.8
98 76.4 45.0 83.6

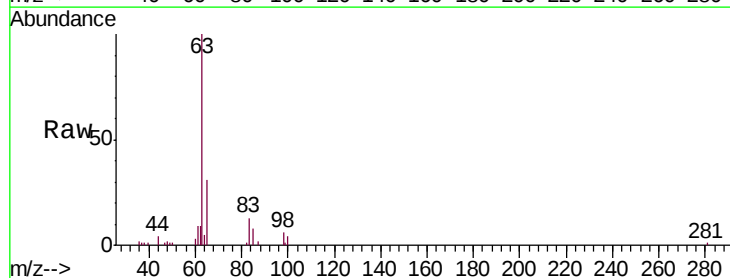


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

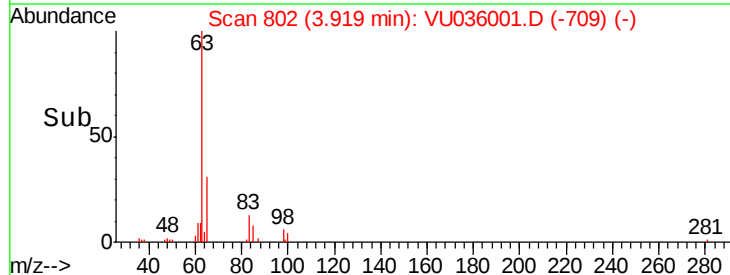
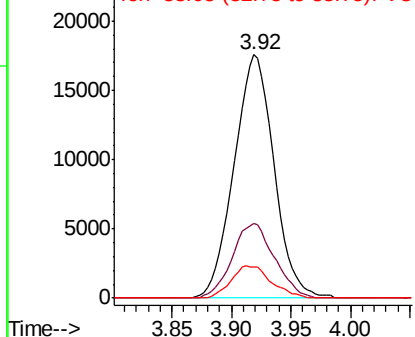


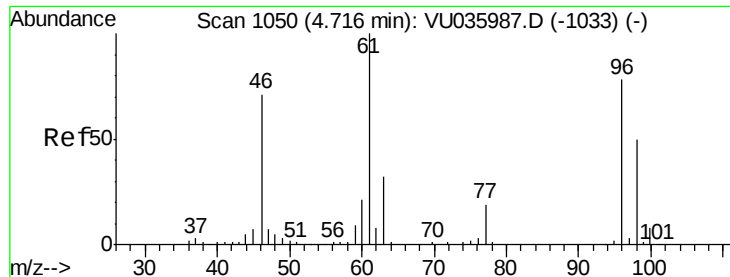
#19
1,1-Dichloroethane
Concen: 0.991 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036001.D
Acq: 05 Dec 2019 18:20

Tgt Ion: 63 Resp: 40896
Ion Ratio Lower Upper
63 100
65 30.8 22.4 41.6
83 12.8 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0

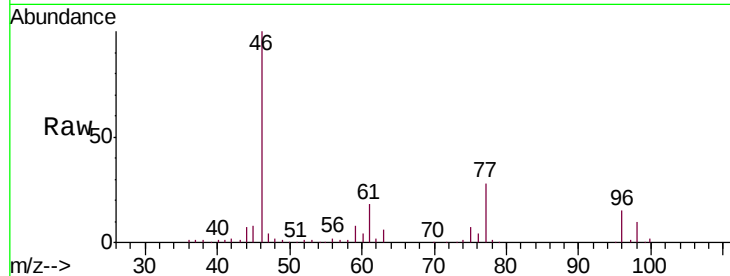




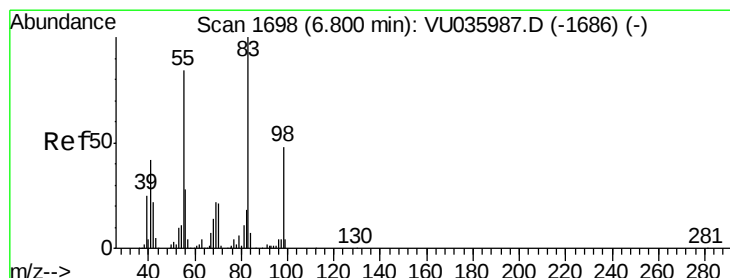
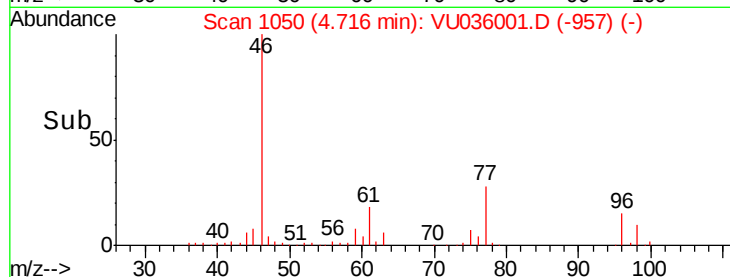
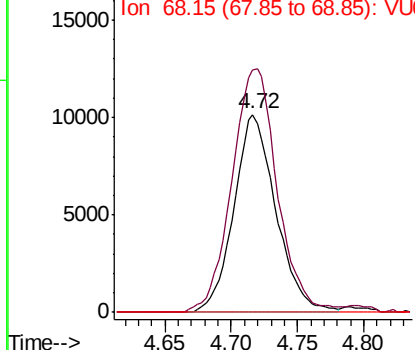
#22
 cis-1,2-Dichloroethene
 Concen: 1.002 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036001.D
 Acq: 05 Dec 2019 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR0

Tgt Ion: 96 Resp: 22344
 Ion Ratio Lower Upper
 96 100
 61 122.4 95.7 177.7
 68 0.0 0.0 0.0

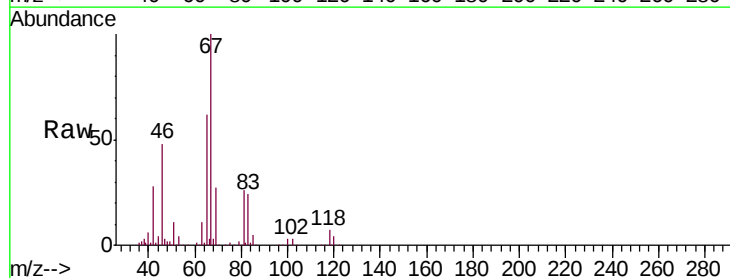


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

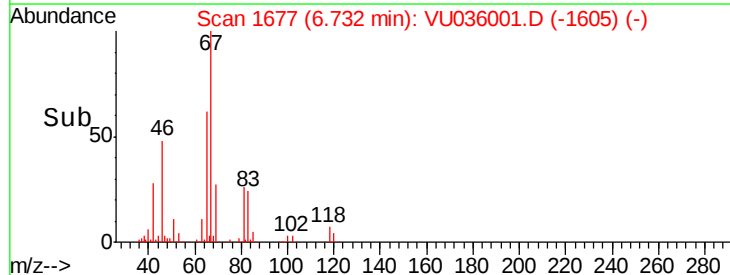
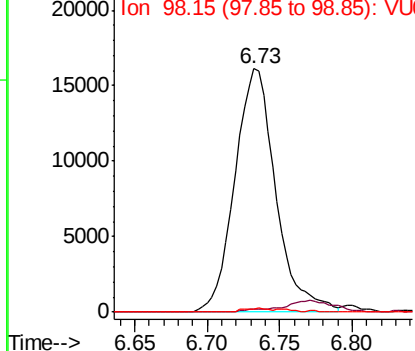


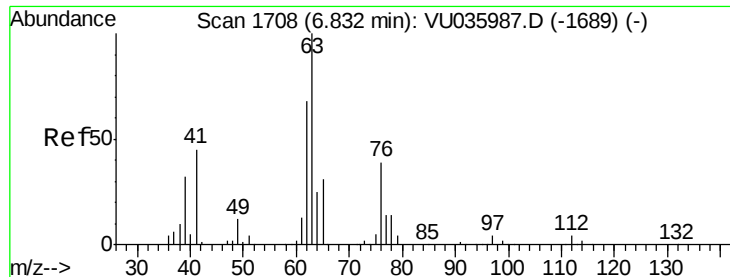
#35
 Methylcyclohexane
 Concen: 0.883 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.07 min
 Lab File: VU036001.D
 Acq: 05 Dec 2019 18:20

Tgt Ion: 83 Resp: 31731
 Ion Ratio Lower Upper
 83 100
 55 0.6 67.4 101.0#
 98 0.9 34.6 52.0#



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

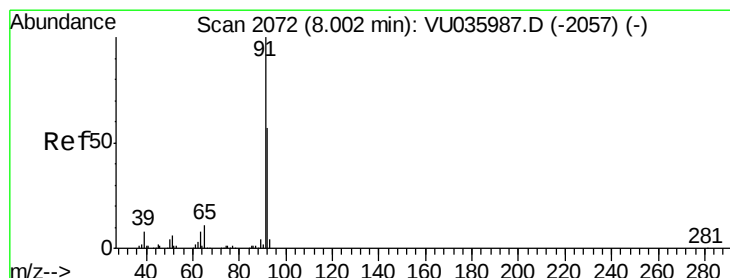
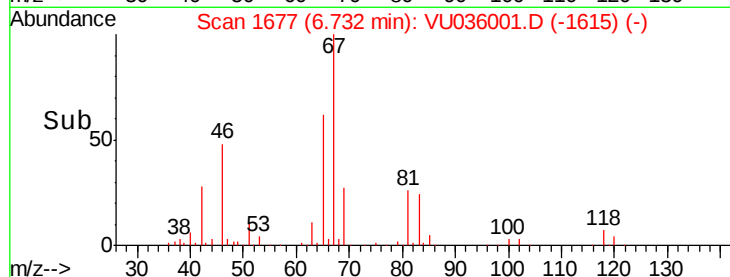
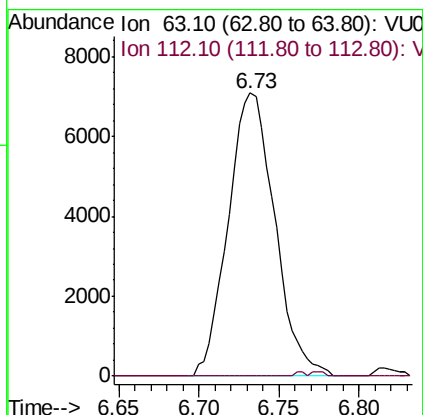
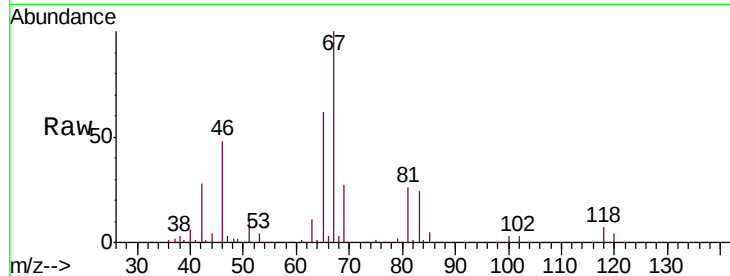




#37
 1,2-Dichloropropane
 Concen: 0.548 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036001.D
 Acq: 05 Dec 2019 18:20

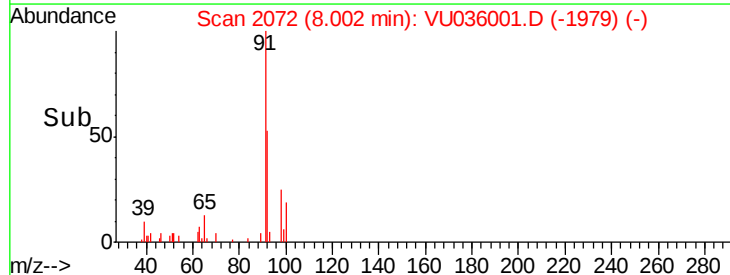
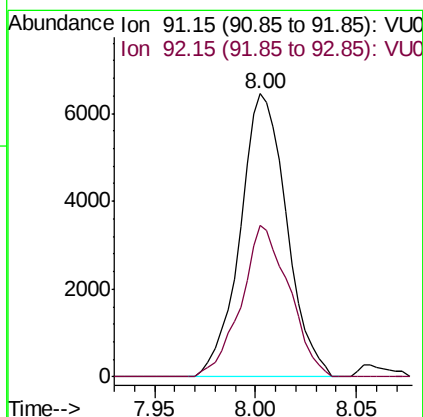
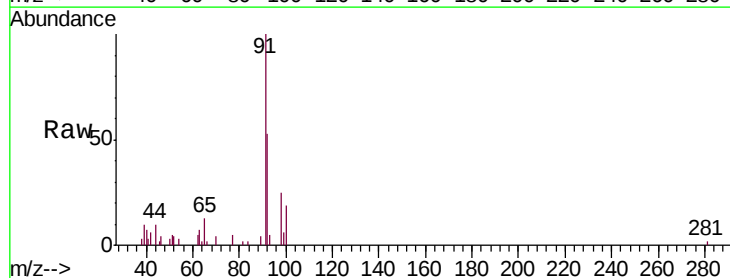
Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR0

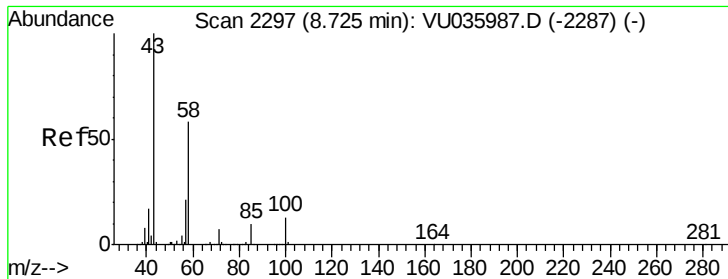
Tgt Ion: 63 Resp: 14068
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.3 4.9#



#42
 Toluene
 Concen: 0.105 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036001.D
 Acq: 05 Dec 2019 18:20

Tgt Ion: 91 Resp: 10401
 Ion Ratio Lower Upper
 91 100
 92 53.3 39.8 74.0

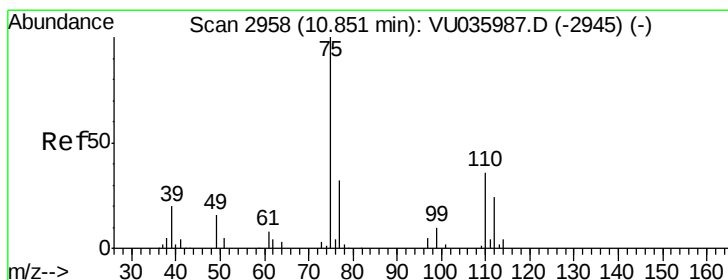
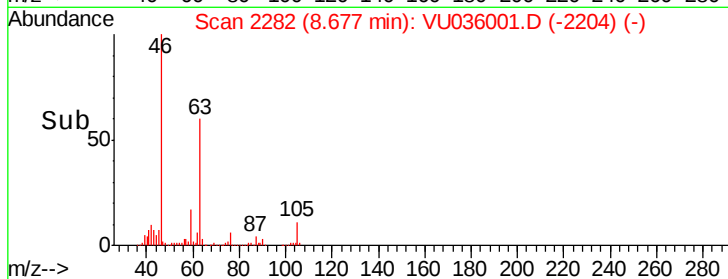
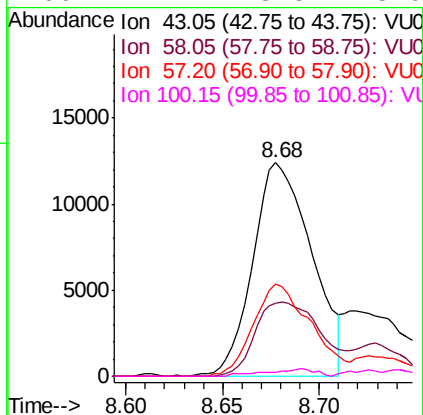
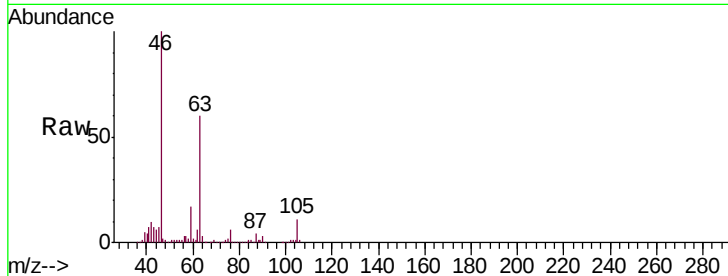




#48
 2-Hexanone
 Concen: 2.364 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU036001.D
 Acq: 05 Dec 2019 18:20

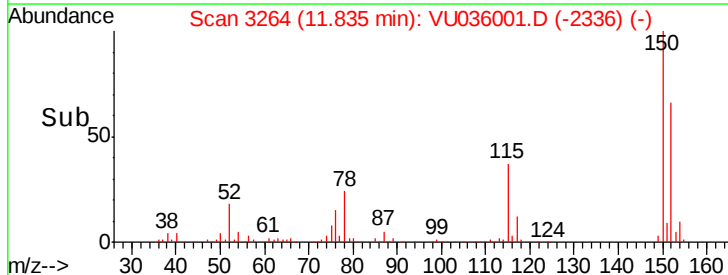
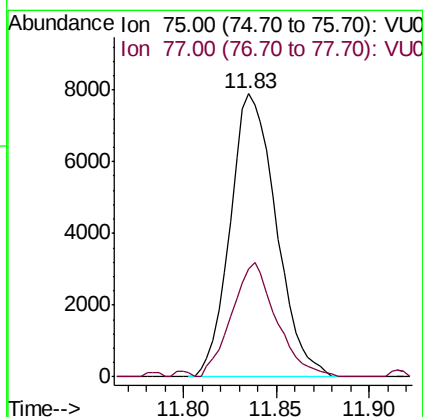
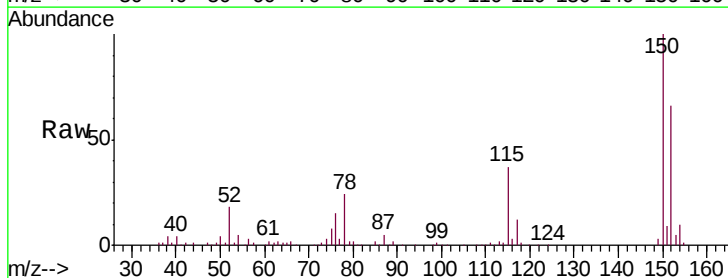
Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR0

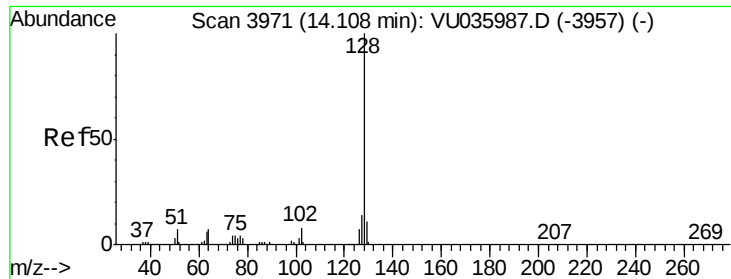
Tgt Ion:	43	Resp:	26339
Ion	Ratio	Lower	Upper
43	100		
58	38.4	45.4	68.2#
57	42.4	14.9	22.3#
100	2.7	8.6	13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.816 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036001.D
 Acq: 05 Dec 2019 18:20

Tgt Ion:	75	Resp:	13616
Ion	Ratio	Lower	Upper
75	100		
77	39.4	26.6	39.8





#69

Naphthalene

Concen: 0.147 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036001.D

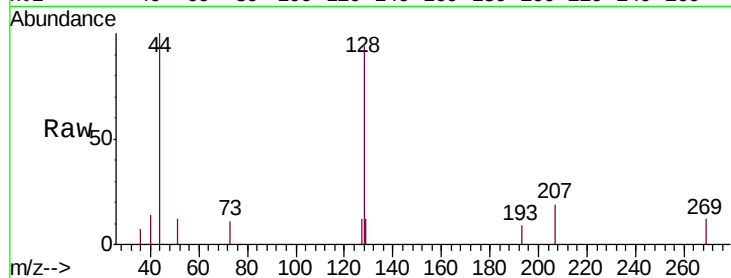
Acq: 05 Dec 2019 18:20

Instrument :

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Tgt Ion:	128	Resp:	2391
Ion	Ratio	Lower	Upper
128	100		
129	6.9	8.4	12.6#
127	8.5	10.6	15.8#

