

Data File : VU035035.D
Acq On : 10 Oct 2019 09:23
Operator : JC/SP
Sample : VU1011WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

Quant Time: Oct 11 02:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	172616	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69873	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56179	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.67	69	50470	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.26	63	80081	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.19	46	178298	60.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.30%
24) Chloroform-d	4.62	84	102204	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.29	65	59249	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.31	84	201680	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.31	67	69761	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.55	98	180655	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.84	79	22431	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.30	63	127664	55.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62119	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	64654	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

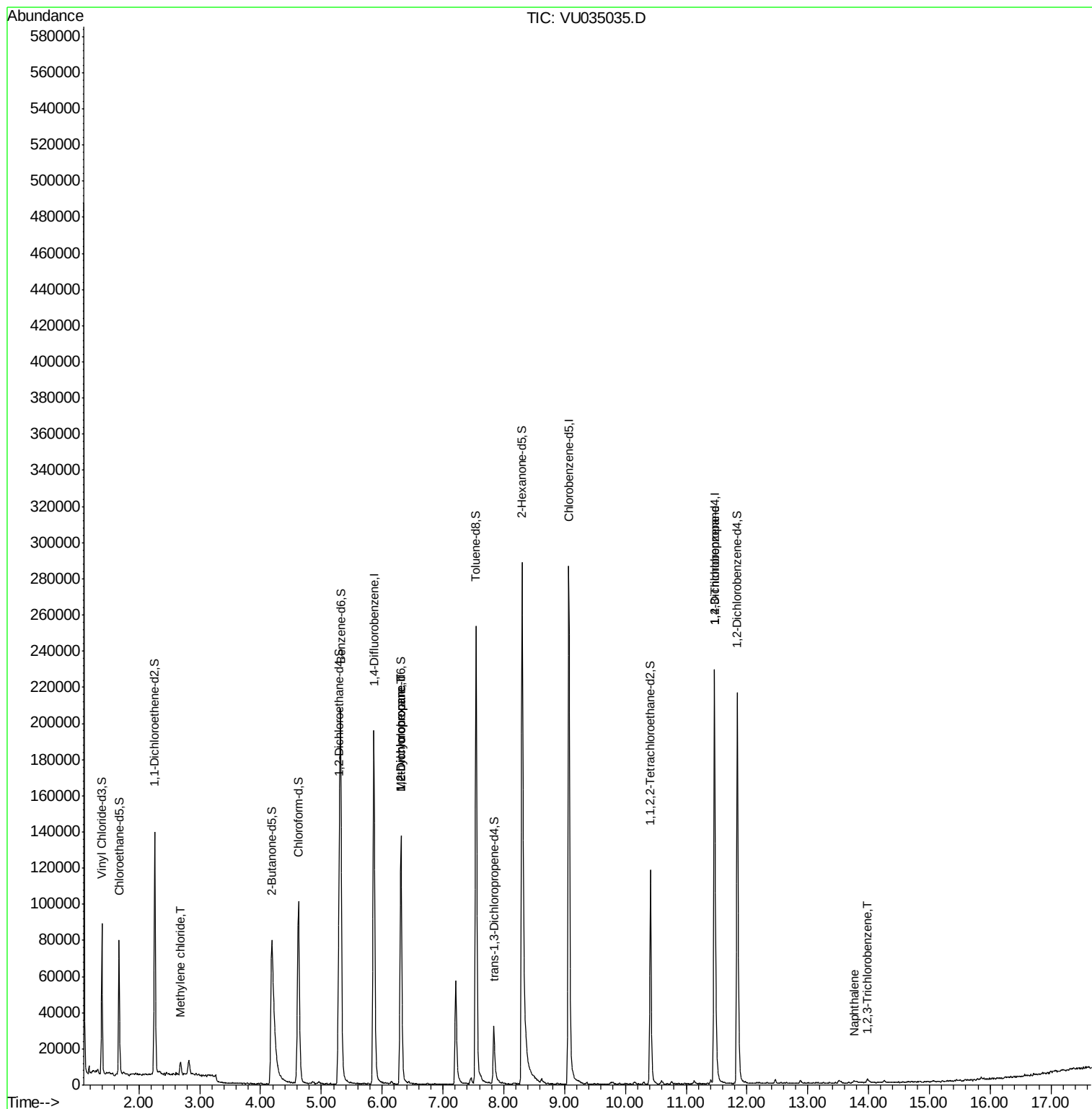
						Qvalue
16) Methylene chloride	2.69	84	2756	0.204	ug/L	94
35) Methylcyclohexane	6.31	83	15395	0.709	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7380	0.526	ug/L #	88
59) 1,2,3-Trichloropropane	11.46	75	9195	1.013	ug/L	94
69) Naphthalene	13.76	128	2151	0.127	ug/L #	77
70) 1,2,3-Trichlorobenzene	13.99	180	1431	0.135	ug/L #	85

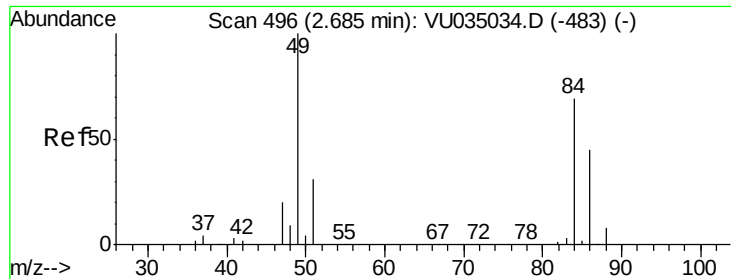
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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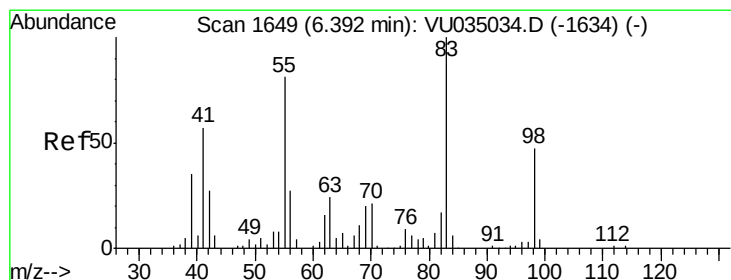
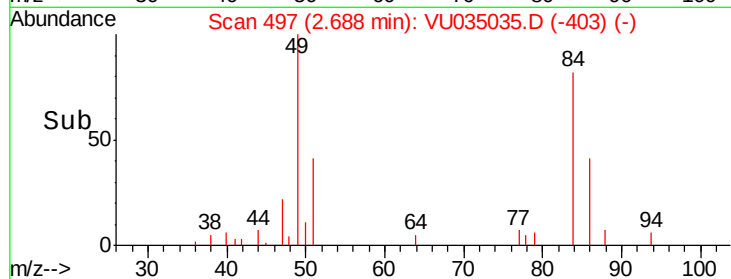
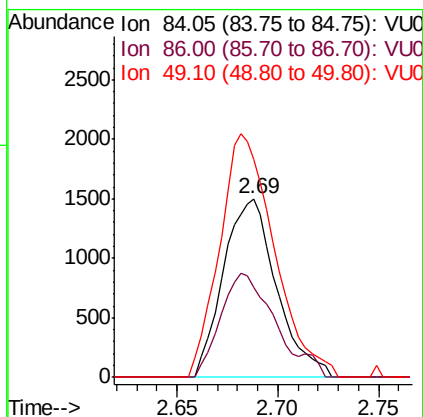
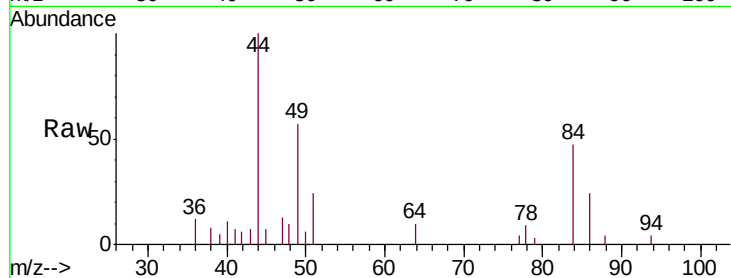




#16
Methylene chloride
Concen: 0.204 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035035.D
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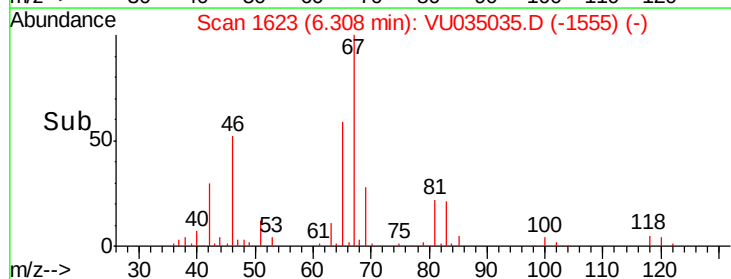
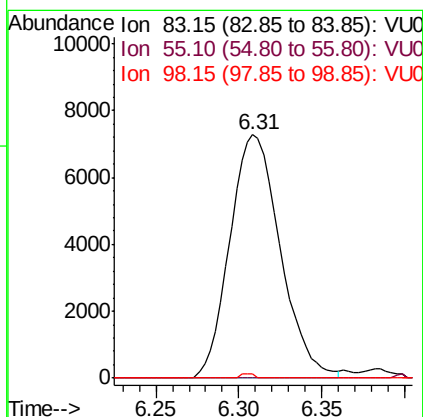
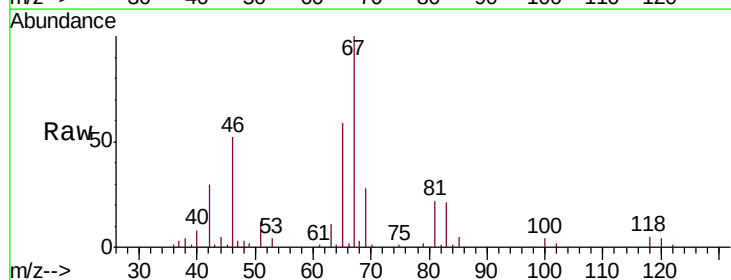
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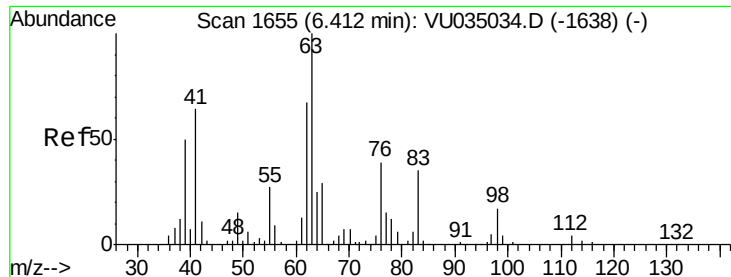
Tgt Ion: 84 Resp: 2756
Ion Ratio Lower Upper
84 100
86 50.3 42.5 78.9
49 122.0 86.9 161.3



#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035035.D
Acq: 10 Oct 2019 09:23

Tgt Ion: 83 Resp: 15395
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.4 36.2 54.2#

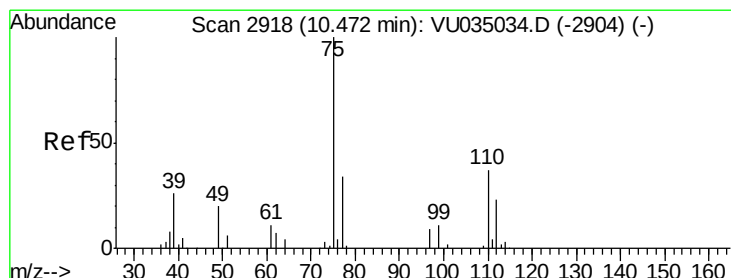
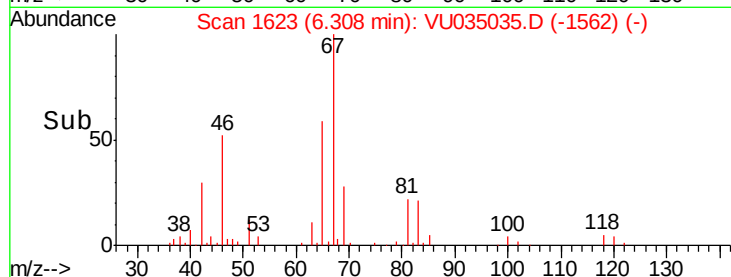
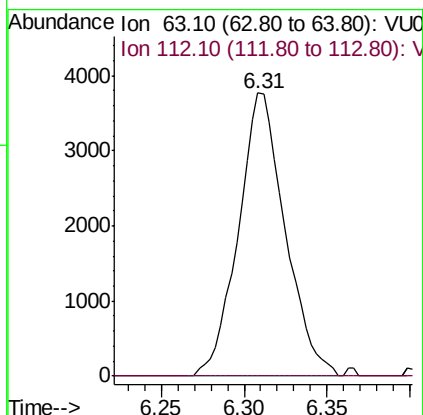
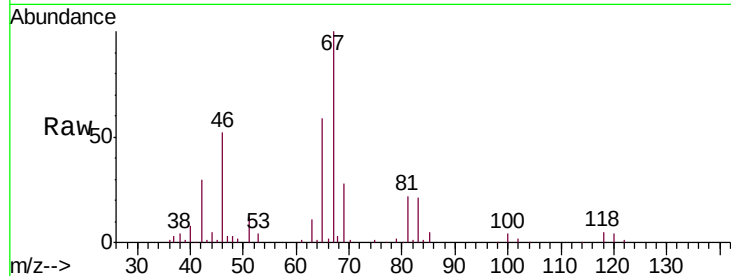




#37
 1,2-Dichloropropane
 Concen: 0.526 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035035.D
 Acq: 10 Oct 2019 09:23

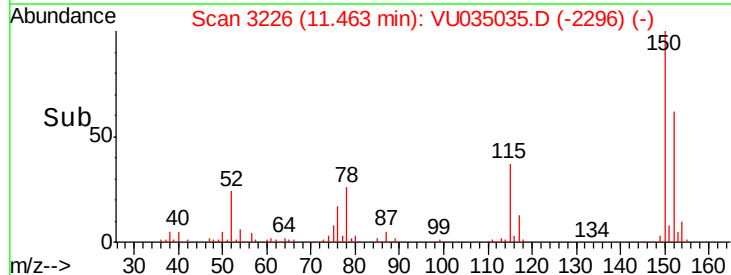
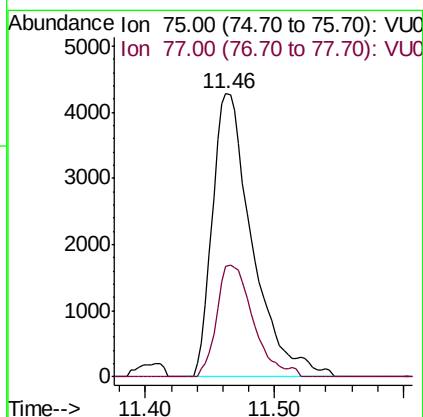
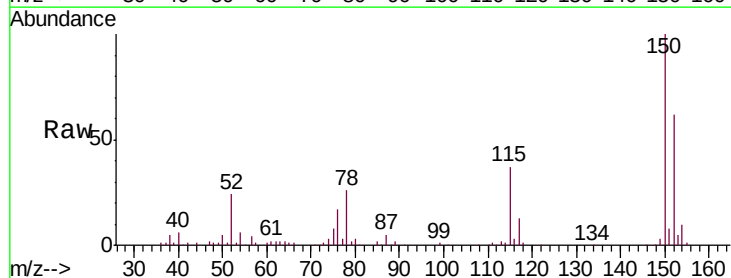
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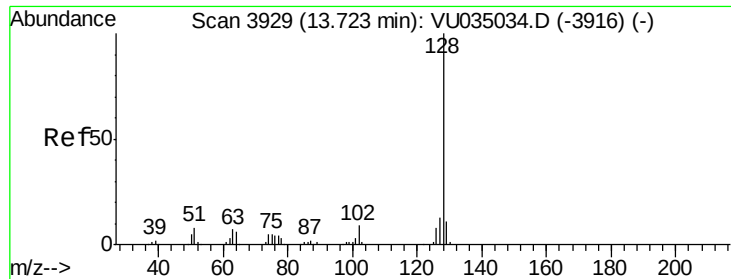
Tgt Ion: 63 Resp: 7380
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.013 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU035035.D
 Acq: 10 Oct 2019 09:23

Tgt Ion: 75 Resp: 9195
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.5 39.7





#69

Naphthalene

Concen: 0.127 ug/L

RT: 13.76 min Scan# 3939

Delta R.T. 0.03 min

Lab File: VU035035.D

Acq: 10 Oct 2019 09:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK16

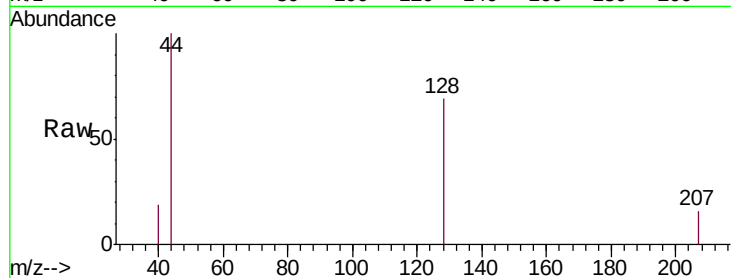
Tgt Ion:128 Resp: 2151

Ion Ratio Lower Upper

128 100

129 2.0 8.7 13.1#

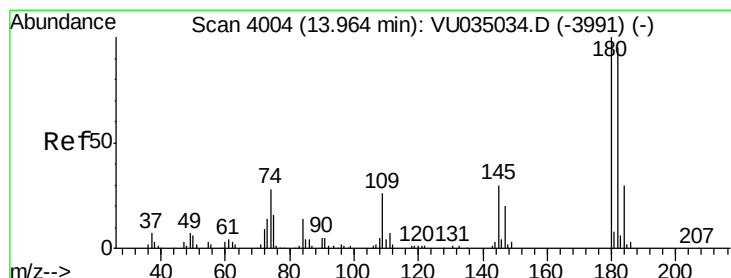
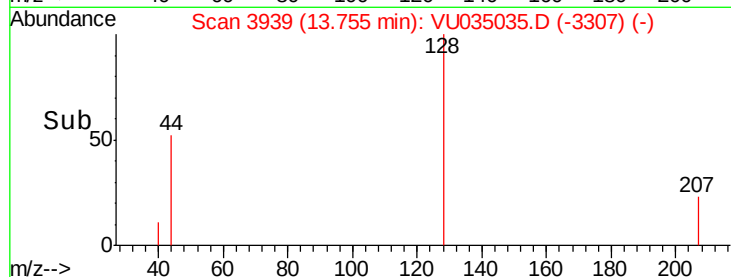
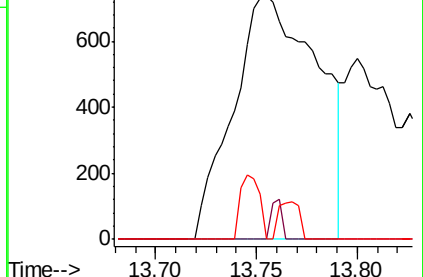
127 3.8 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.135 ug/L

RT: 13.99 min Scan# 4011

Delta R.T. 0.02 min

Lab File: VU035035.D

Acq: 10 Oct 2019 09:23

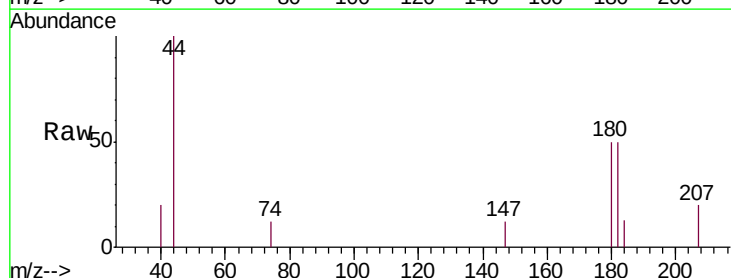
Tgt Ion:180 Resp: 1431

Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

145 4.5 25.9 38.9#



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

