

Data File : VU028459.D
Acq On : 04 Dec 2018 11:39
Operator : MD/SY
Sample : J6171-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Y46

Quant Time: Dec 05 03:13:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 05 03:10:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	457395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169181	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.68%
7) Chloroethane-d5	1.68	69	143223	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.18%
11) 1,1-Dichloroethene-d2	2.27	63	246559	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.76%
21) 2-Butanone-d5	4.18	46	339780	101.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.17%
24) Chloroform-d	4.65	84	305348	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.31	65	209349	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.34	84	642393	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.33	67	233654	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.34%
41) Toluene-d8	7.57	98	548635	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	102221	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.30%
47) 2-Hexanone-d5	8.31	63	235089	101.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297938	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	191746	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

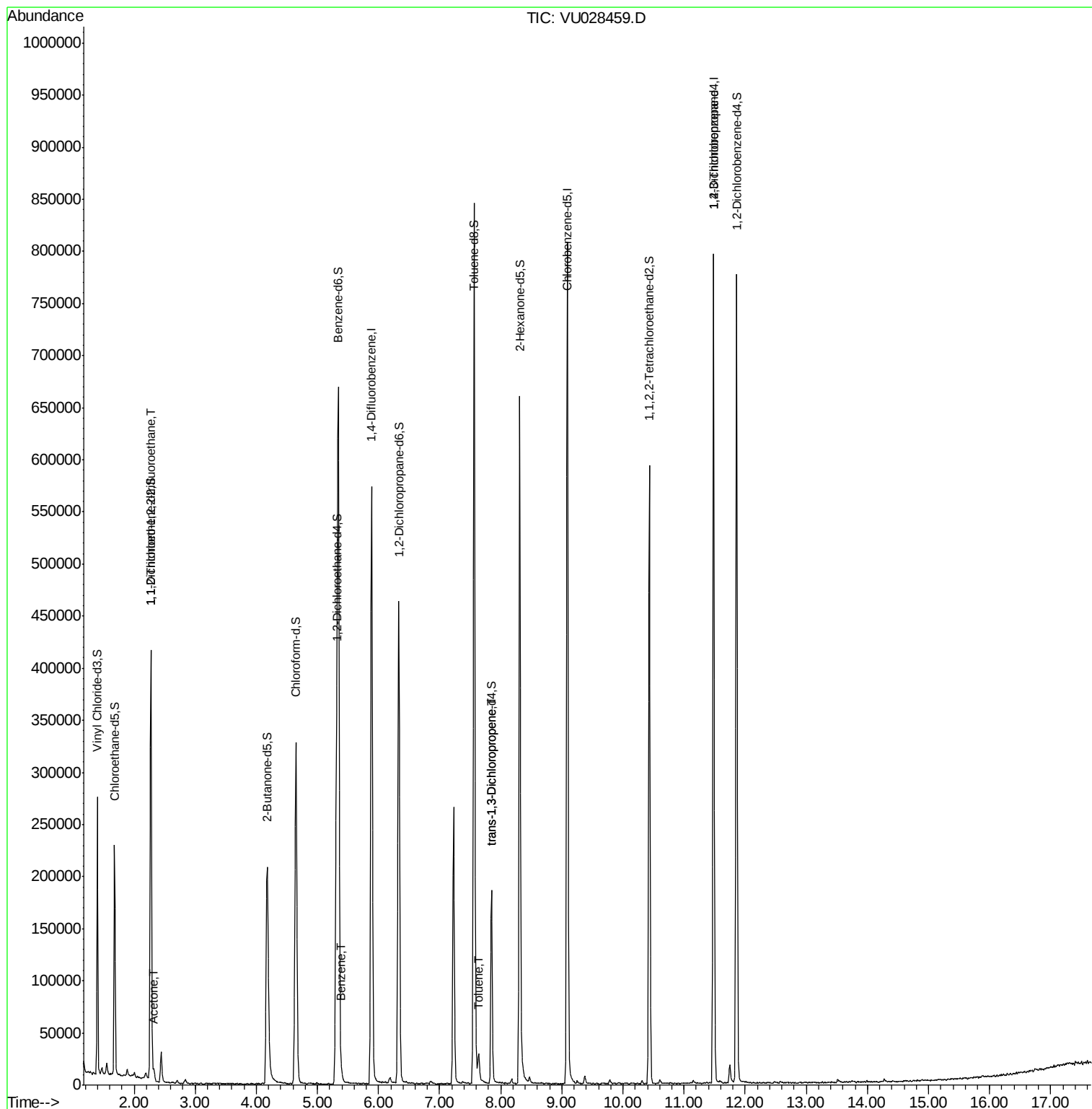
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1976	0.661 ug/L	# 21
13) Acetone	2.32	43	7634	2.185 ug/L	98
33) Benzene	5.39	78	6003	0.409 ug/L	100
42) Toluene	7.64	91	15425	1.032 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4293	0.758 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	27084	5.481 ug/L	93

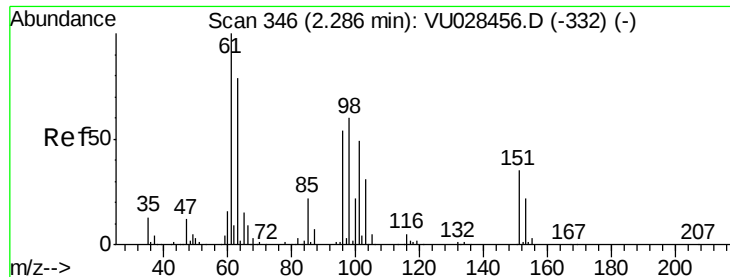
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.661 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

F9Y46

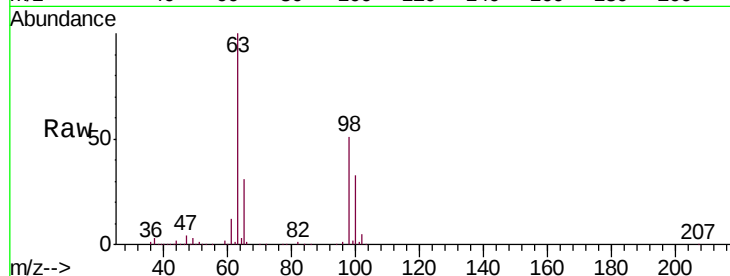
Tgt Ion:101 Resp: 1976

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

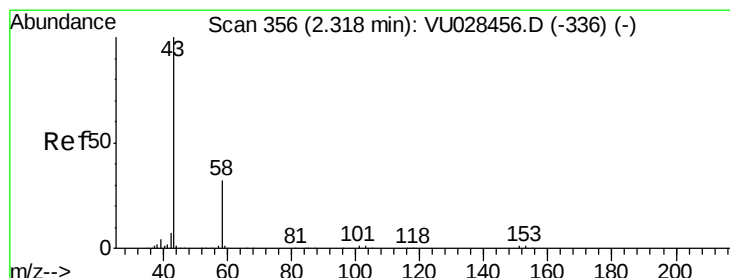
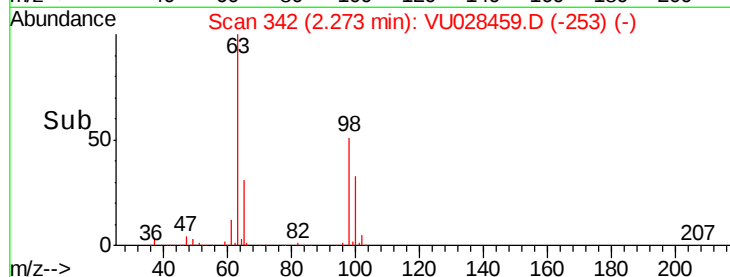
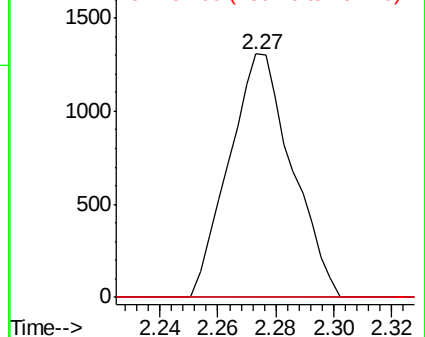
151 0.0 55.0 82.6#



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



#13

Acetone

Concen: 2.185 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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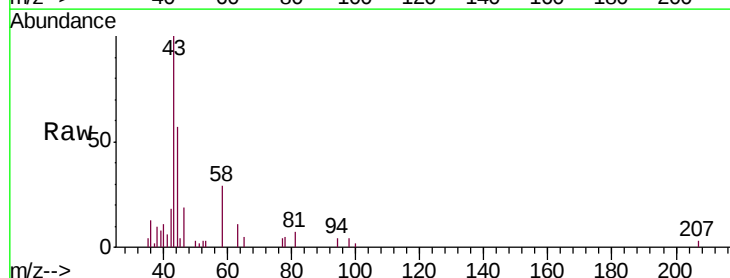
Acq: 04 Dec 2018 11:39

Tgt Ion: 43 Resp: 7634

Ion Ratio Lower Upper

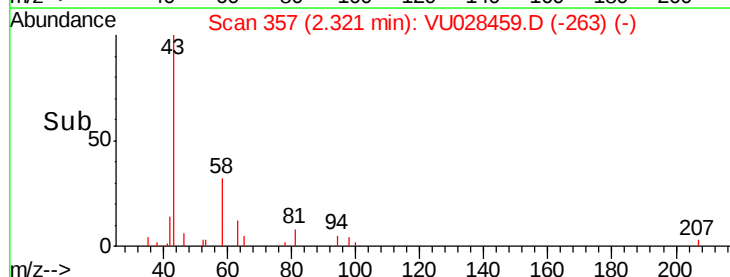
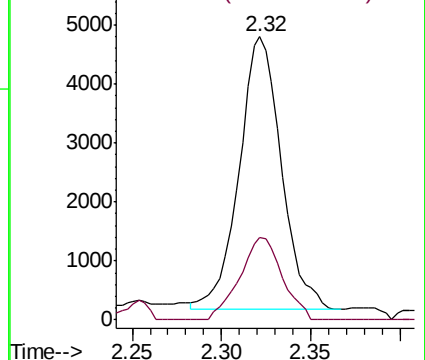
43 100

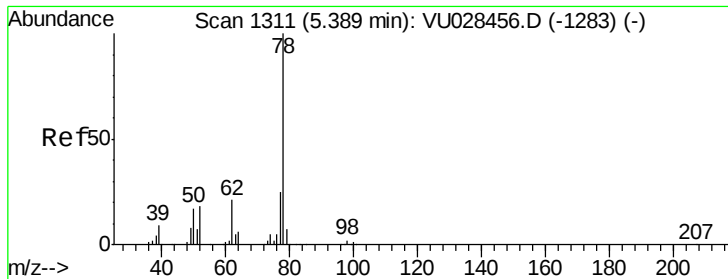
58 30.2 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 0.409 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028459.D

Acq: 04 Dec 2018 11:39

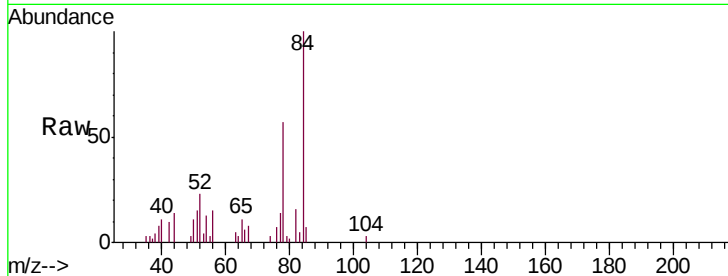
Instrument :

MSVOA_U

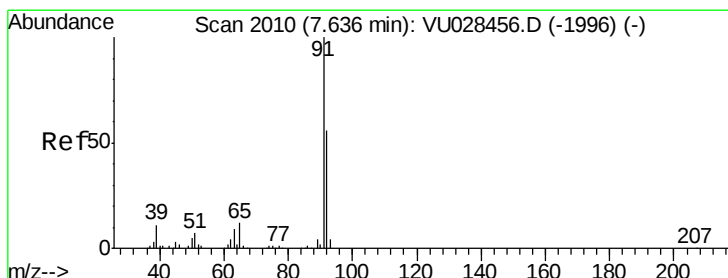
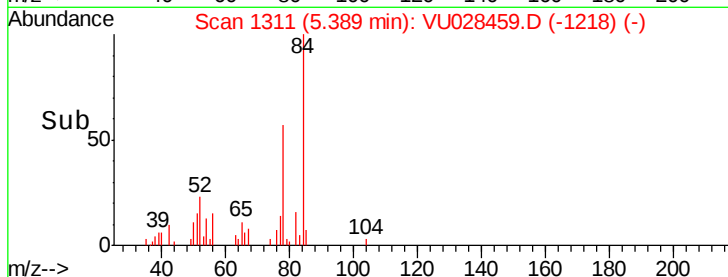
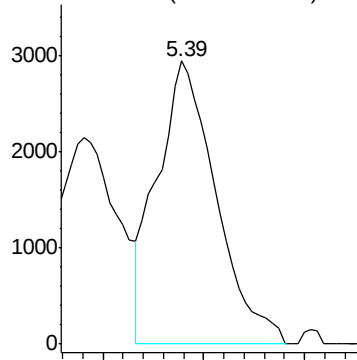
ClientSampleId :

F9Y46

Tgt Ion: 78 Resp: 6003



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 1.032 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028459.D

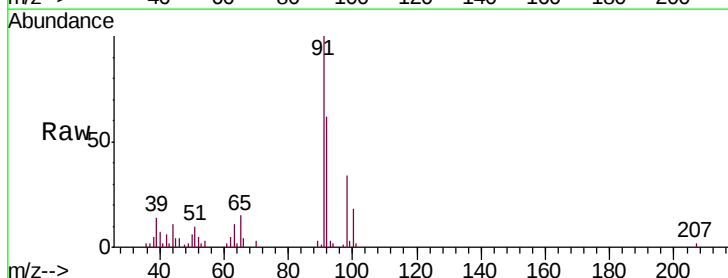
Acq: 04 Dec 2018 11:39

Tgt Ion: 91 Resp: 15425

Ion Ratio Lower Upper

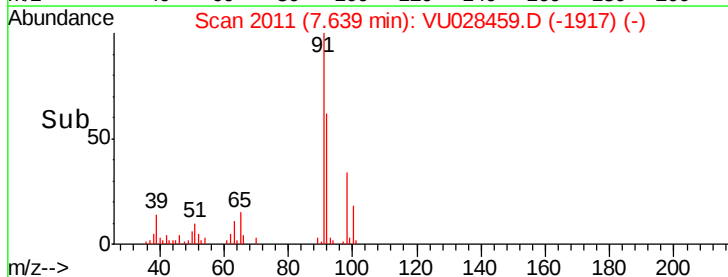
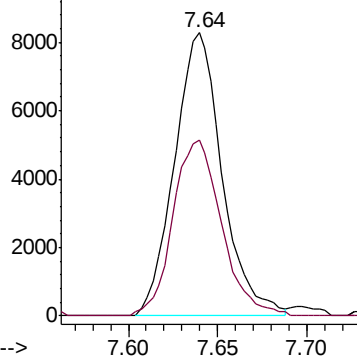
91 100

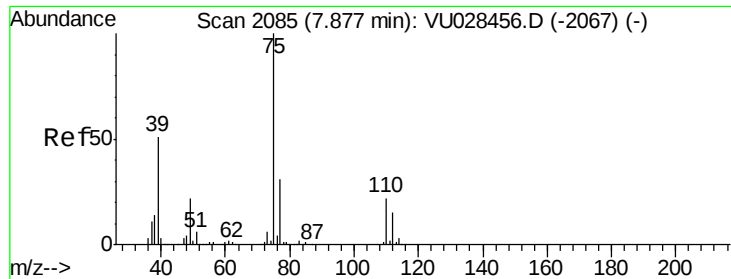
92 62.3 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.758 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028459.D

Acq: 04 Dec 2018 11:39

Instrument :

MSVOA_U

ClientSampleId :

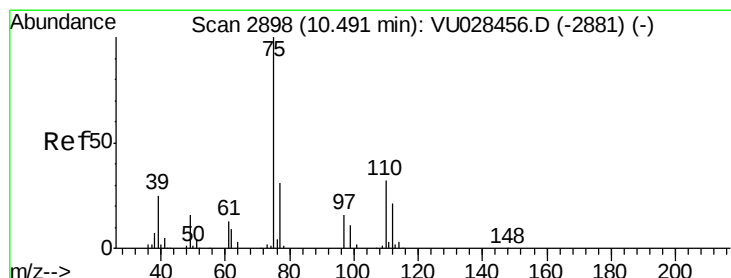
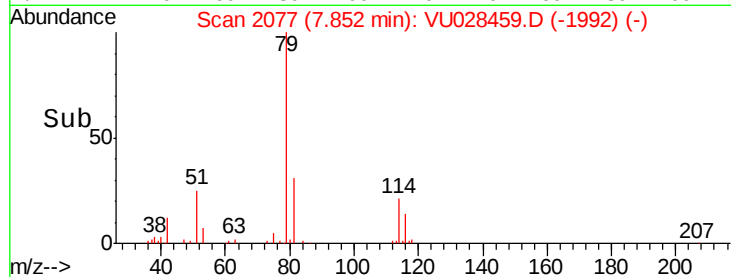
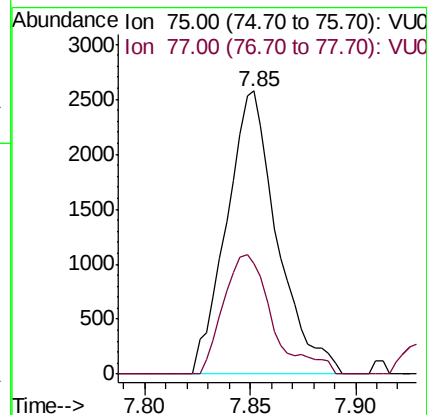
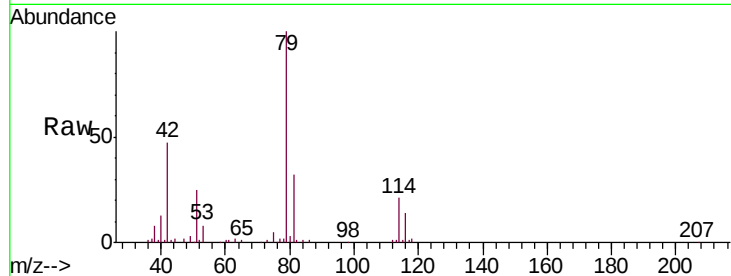
F9Y46

Tgt Ion: 75 Resp: 4293

Ion Ratio Lower Upper

75 100

77 39.1 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 5.481 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028459.D

Acq: 04 Dec 2018 11:39

Tgt Ion: 75 Resp: 27084

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4

