

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035517.D
 Acq On : 26 Oct 2019 14:48
 Operator : JC/SP
 Sample : VU1026WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 02:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	628805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	610552	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	172100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	237841	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.92%
7) Chloroethane-d5	1.93	69	199693	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.96%
11) 1,1-Dichloroethene-d2	2.60	63	303086	36.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.16%
21) 2-Butanone-d5	4.69	46	323481	98.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.87%
24) Chloroform-d	5.11	84	387158	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.75	65	253416	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
32) Benzene-d6	5.77	84	816858	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.74	67	272845	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.93	98	721761	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.21	79	119012	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.68	63	185292	94.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.23%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	338413	45.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.34%
64) 1,2-Dichlorobenzene-d4	12.22	152	178128	53.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.28%

Target Compounds

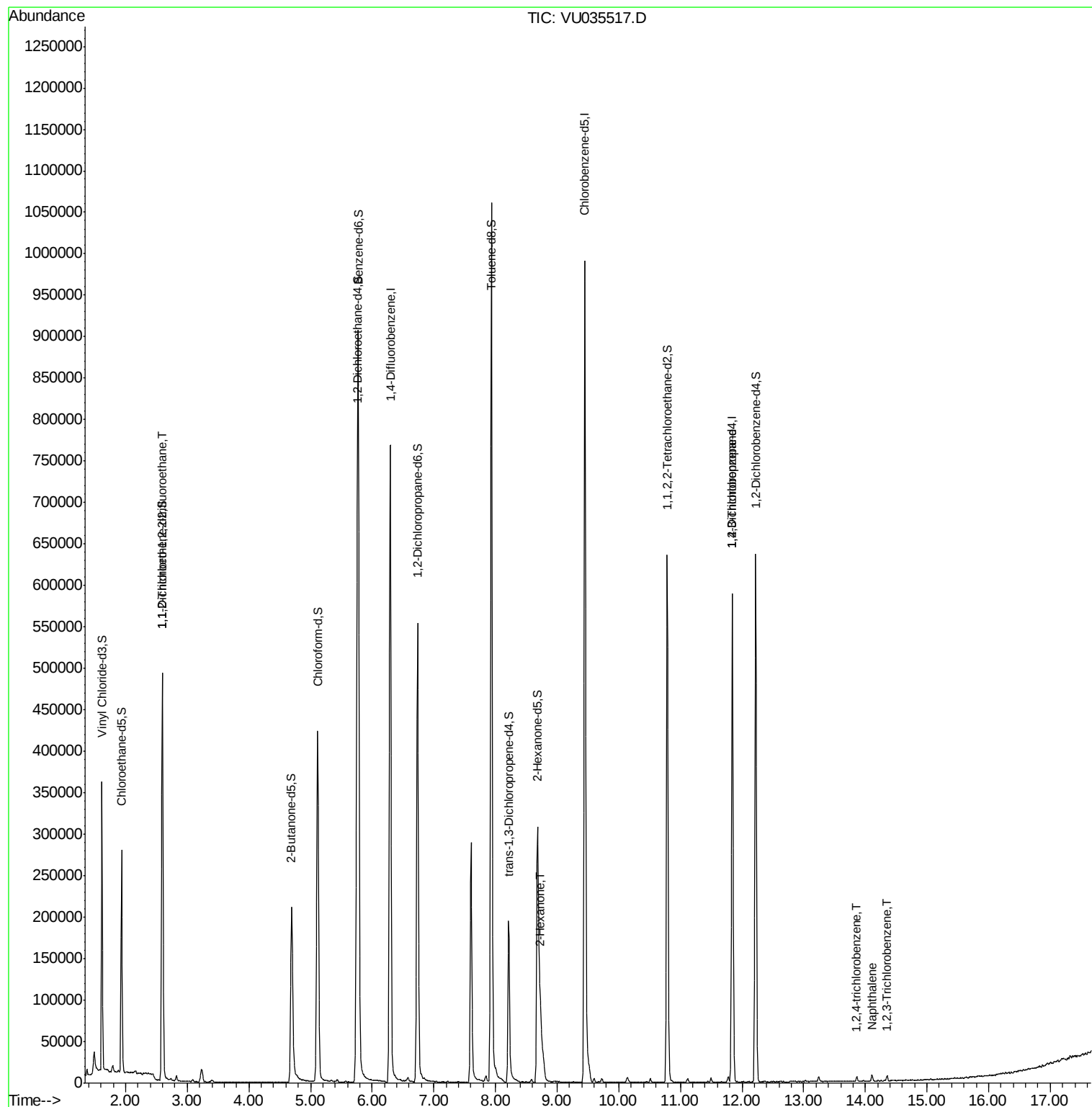
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3095	0.734 ug/L #	23
48) 2-Hexanone	8.73	43	15511	2.759 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	22188	3.430 ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	2188	1.241 ug/L	98
69) Naphthalene	14.11	128	6398	1.305 ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	2046	1.123 ug/L	87

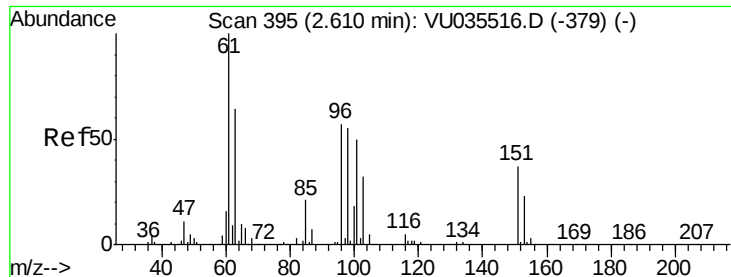
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 30 02:26:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.734 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035517.D

Acq: 26 Oct 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

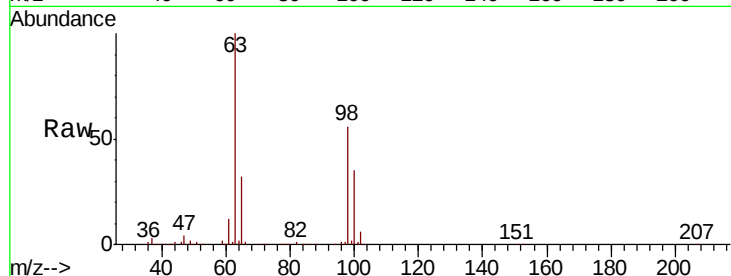
Tot Ion:101 Resp: 3095

Ion Ratio Lower Upper

101 100

85 4.9 34.6 52.0#

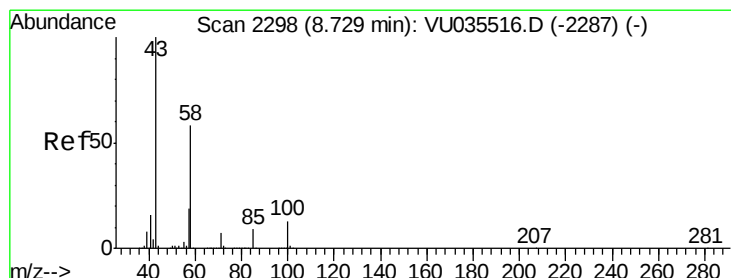
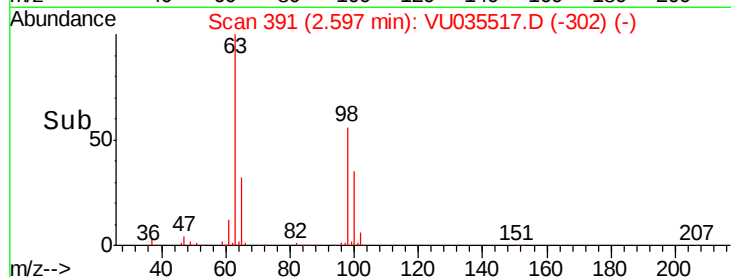
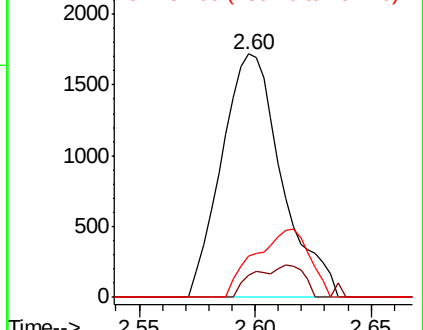
151 0.0 58.6 88.0#



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



#48

2-Hexanone

Concen: 2.759 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VU035517.D

Acq: 26 Oct 2019 14:48

Tgt Ion: 43 Resp: 15511

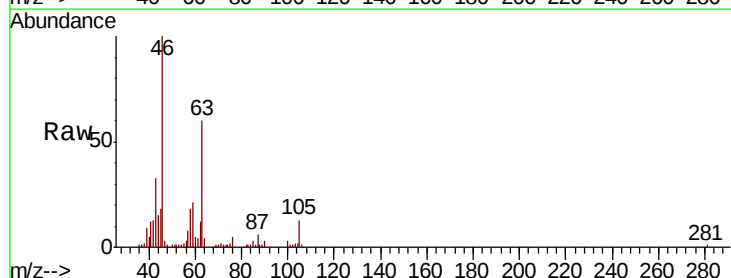
Ion Ratio Lower Upper

43 100

58 63.0 45.6 68.4

57 0.0 14.1 21.1#

100 10.8 9.2 13.8

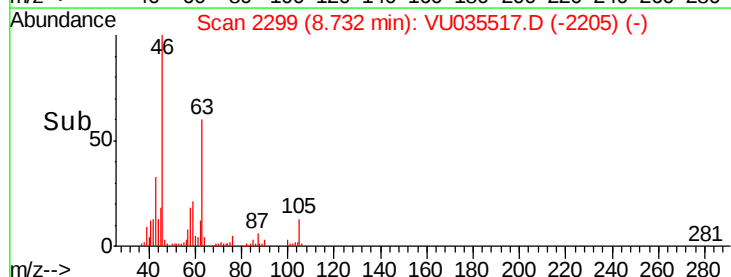
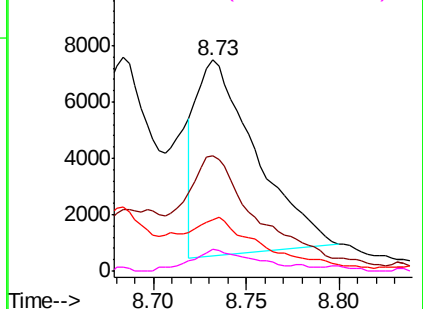


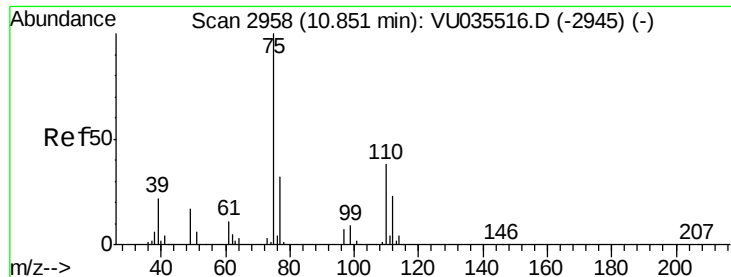
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

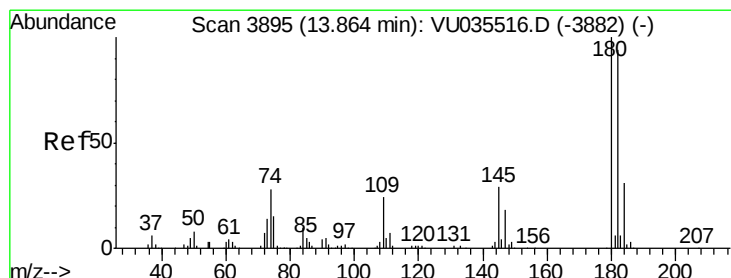
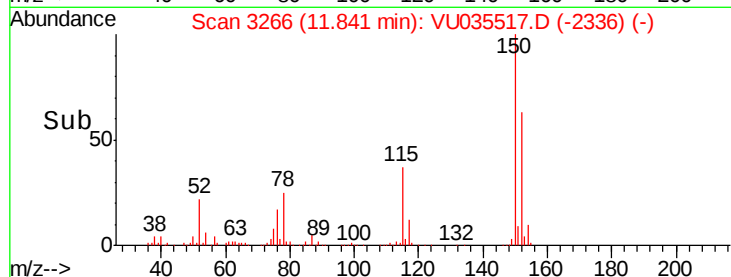
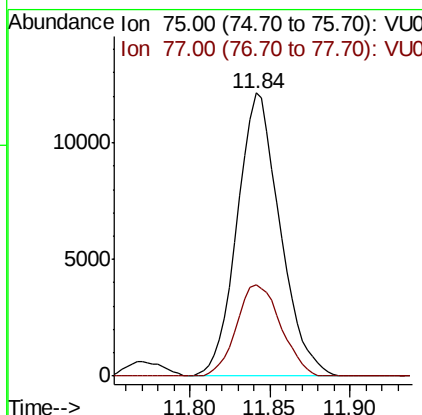
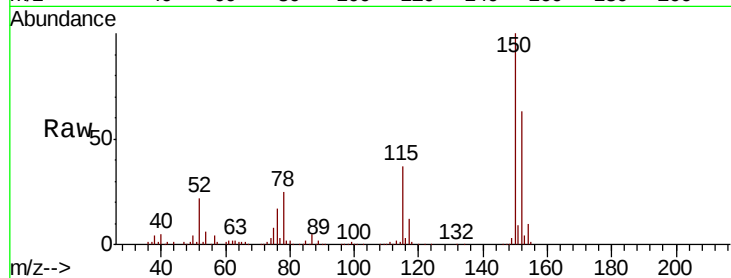




#59
 1,2,3-Trichloropropane
 Concen: 3.430 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035517.D
 Acq: 26 Oct 2019 14:48

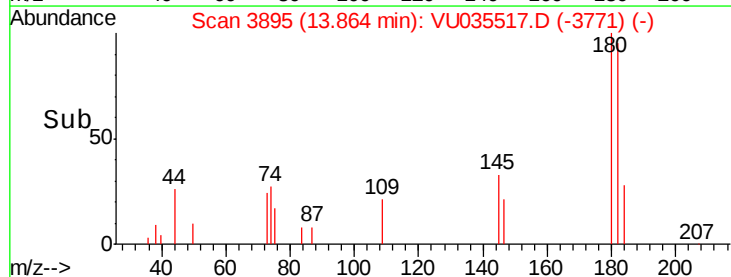
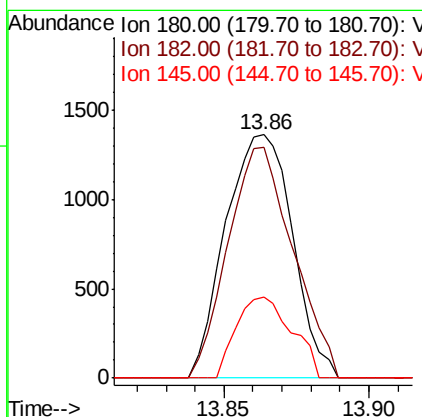
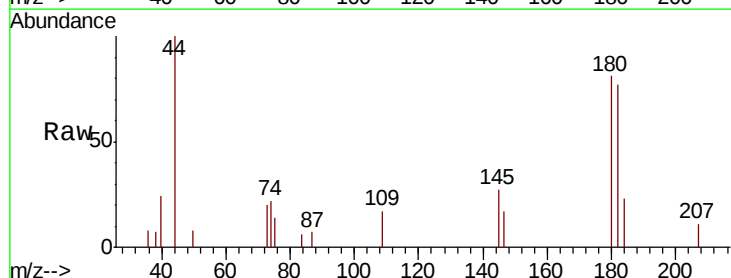
Instrument :
 MSVOA_U
 ClientSampleId :

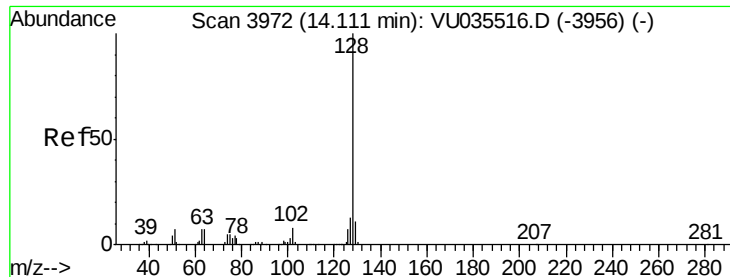
Tot Ion: 75 Resp: 22188
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.2



#68
 1,2,4-trichlorobenzene
 Concen: 1.241 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU035517.D
 Acq: 26 Oct 2019 14:48

Tgt Ion: 180 Resp: 2188
 Ion Ratio Lower Upper
 180 100
 182 92.0 75.0 112.4
 145 27.6 22.6 34.0





#69

Naphthalene

Concen: 1.305 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VU035517.D

Acq: 26 Oct 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

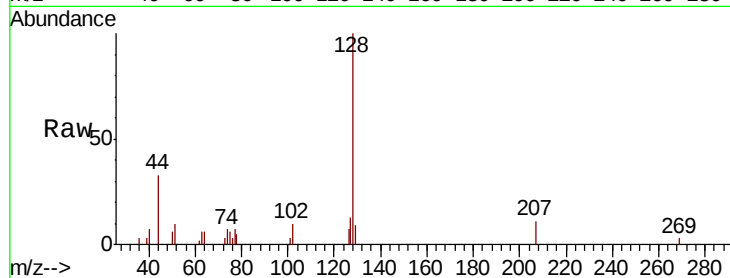
Tot Ion:128 Resp: 6398

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

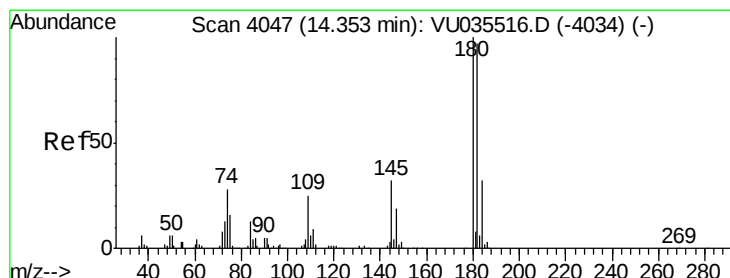
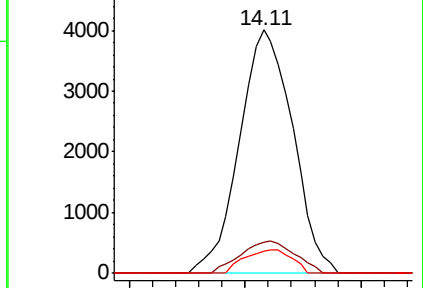
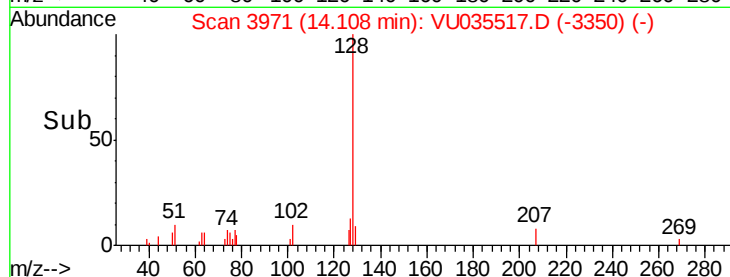
129 8.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.123 ug/L

RT: 14.35 min Scan# 4046

Delta R.T. -0.00 min

Lab File: VU035517.D

Acq: 26 Oct 2019 14:48

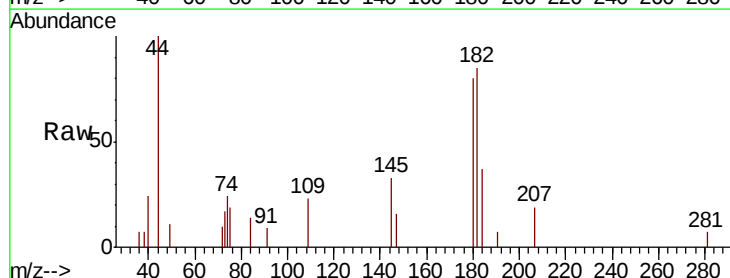
Tgt Ion:180 Resp: 2046

Ion Ratio Lower Upper

180 100

182 110.8 76.0 114.0

145 33.2 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

