

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029583.D
 Acq On : 20 Feb 2019 16:13
 Operator : JC/SP
 Sample : K1488-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE7

Quant Time: Feb 25 01:54:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	202729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50614	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.68	69	50383	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.27	63	85023	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.19	46	173912	61.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.82%
24) Chloroform-d	4.65	84	72185	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.60%#
26) 1,2-Dichloroethane-d4	5.31	65	61318	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.34	84	224329	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	71348	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.56	98	209255	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	26327	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.31	63	169398	59.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66690	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	100316	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

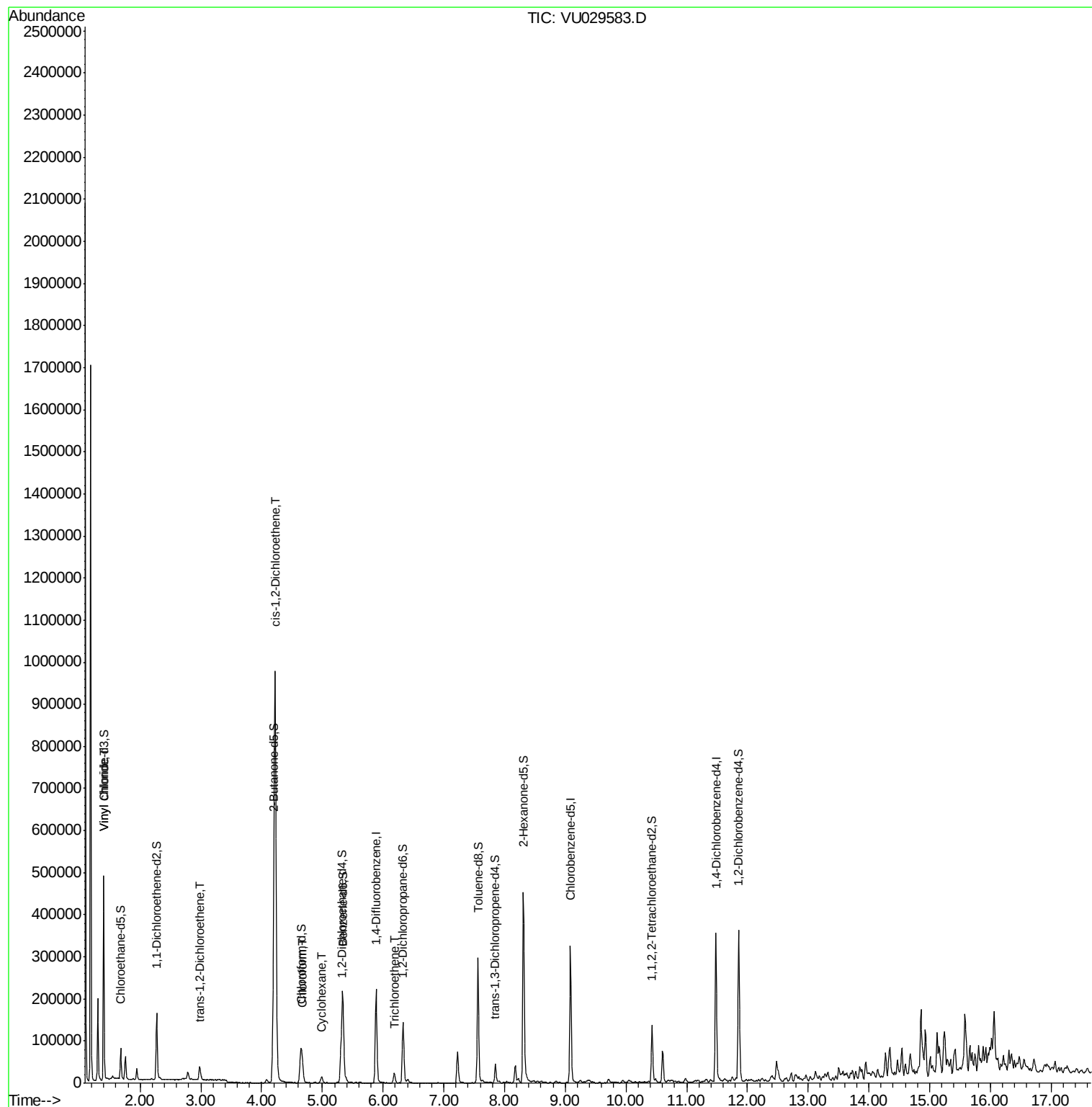
					Ovalue
5) Vinyl chloride	1.40	62	10044	0.514	ug/L # 72
18) trans-1,2-Dichloroethene	2.98	96	11455	0.644	ug/L 94
22) cis-1,2-Dichloroethene	4.22	96	564133	34.473	ug/L 98
25) Chloroform	4.67	83	39008	1.455	ug/L 96
30) Cyclohexane	4.99	56	6986	0.304	ug/L 97
34) Trichloroethene	6.19	95	8146	0.508	ug/L 93

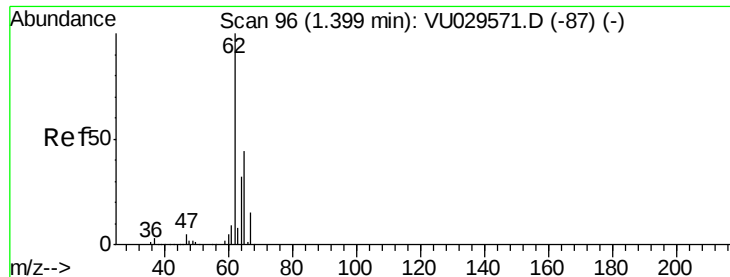
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.514 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029583.D

Acq: 20 Feb 2019 16:13

Instrument :

MSVOA_U

ClientSampled :

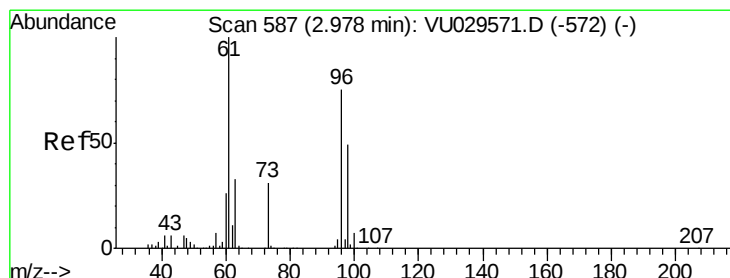
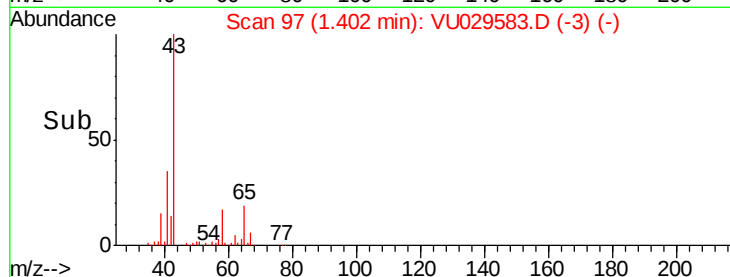
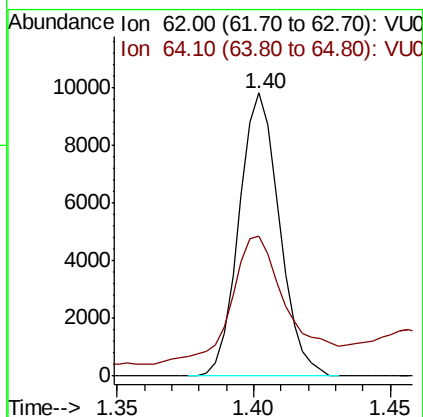
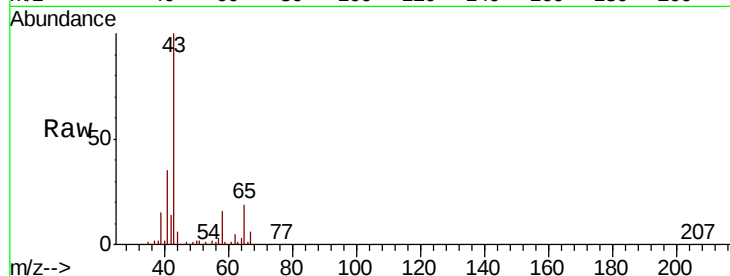
ESXE7

Tot Ion: 62 Resp: 10044

Ion Ratio Lower Upper

62 100

64 49.6 23.5 43.7#



#18

trans-1,2-Dichloroethene

Concen: 0.644 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU029583.D

Acq: 20 Feb 2019 16:13

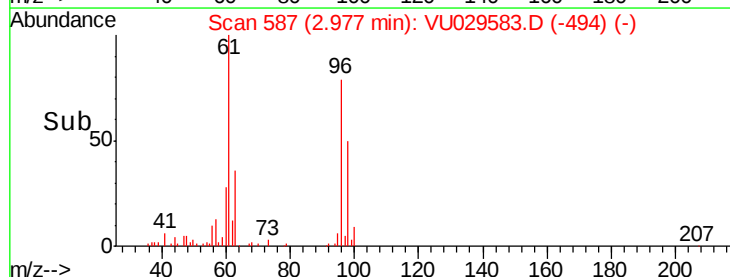
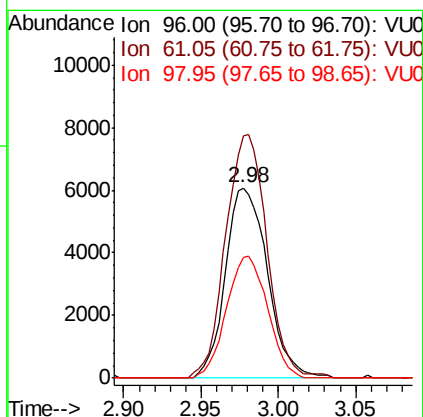
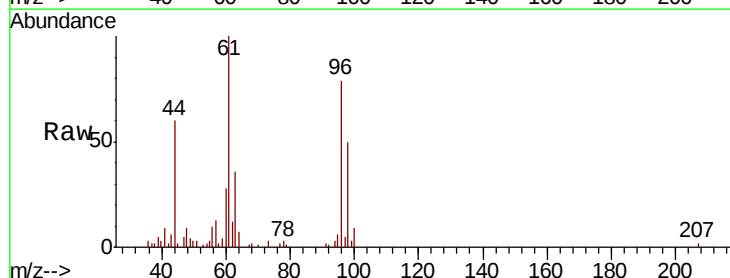
Tgt Ion: 96 Resp: 11455

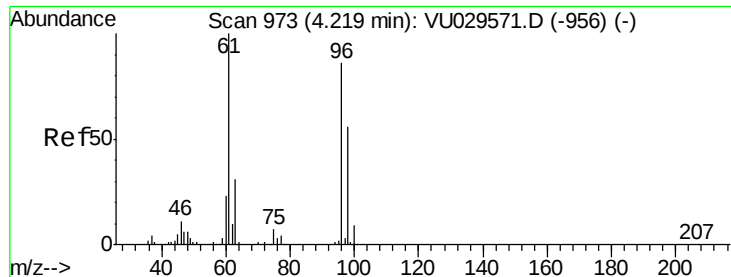
Ion Ratio Lower Upper

96 100

61 126.9 95.4 177.2

98 63.1 45.8 85.2



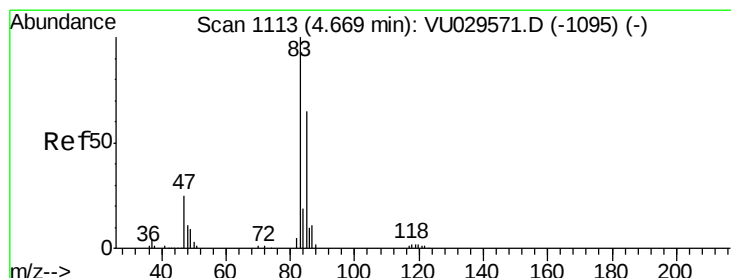
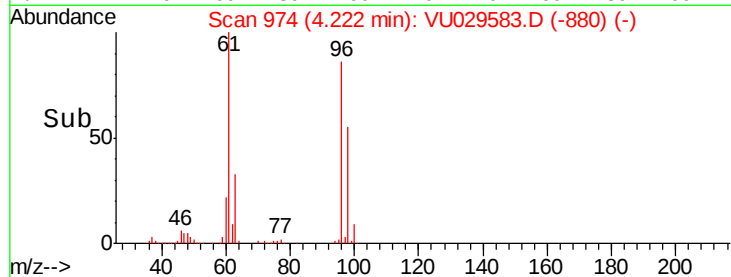
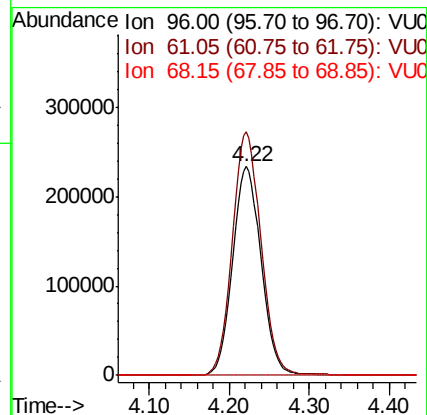
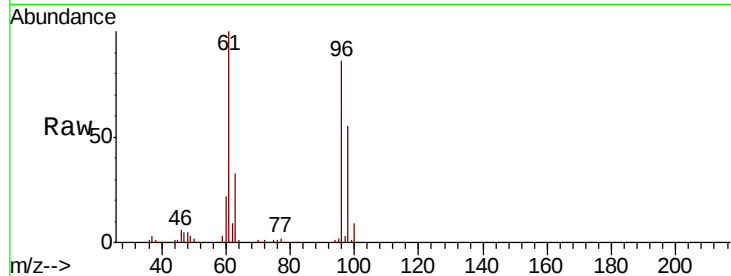


#22

cis-1,2-Dichloroethene
 Concen: 34.473 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029583.D
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 MSVOA_U
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 ESXE7

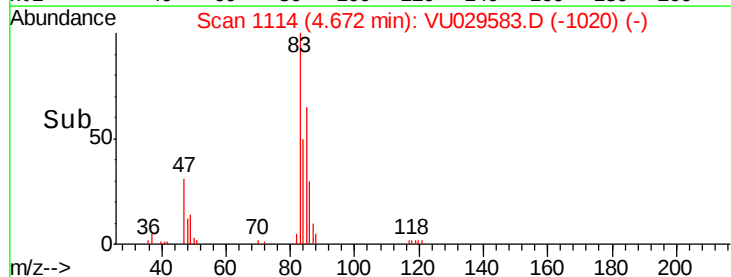
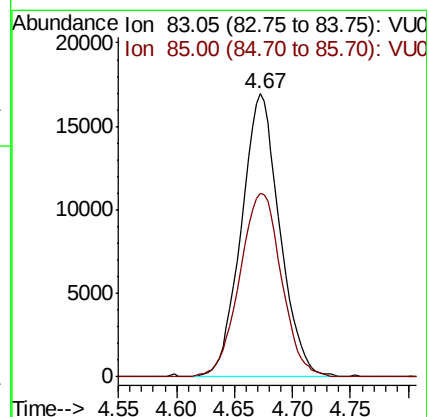
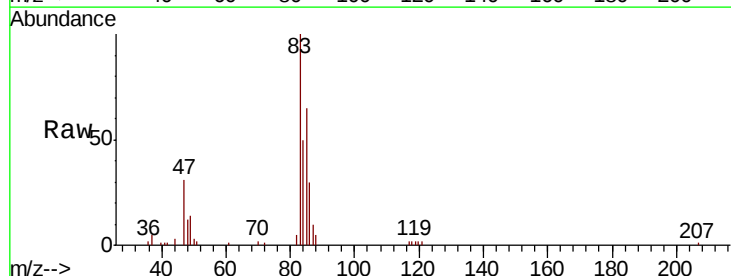
Tot Ion: 96 Resp: 564133
 Ion Ratio Lower Upper
 96 100
 61 116.7 79.9 148.5
 68 0.0 0.0 0.0

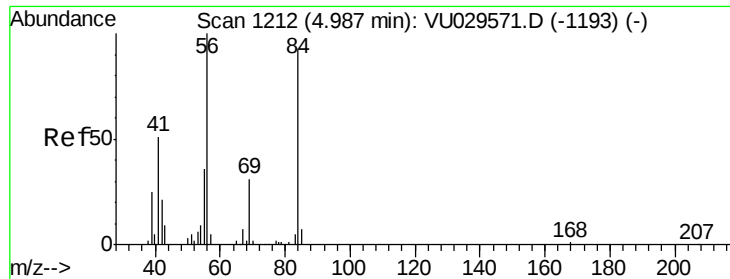


#25

Chloroform
 Concen: 1.455 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU029583.D
 Acq: 20 Feb 2019 16:13

Tgt Ion: 83 Resp: 39008
 Ion Ratio Lower Upper
 83 100
 85 64.7 47.8 88.8





#30

Cyclohexane

Concen: 0.304 ug/L

RT: 4.99 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VU029583.D

Acq: 20 Feb 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

ESXE7

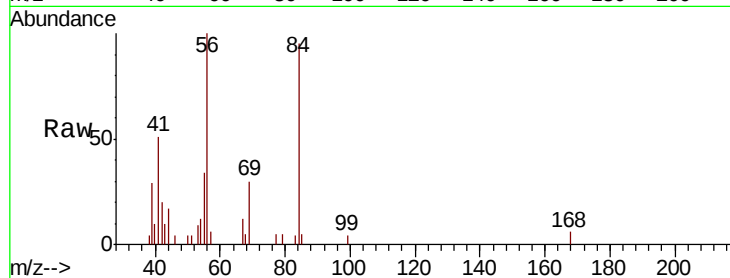
Tot Ion: 56 Resp: 6986

Ion Ratio Lower Upper

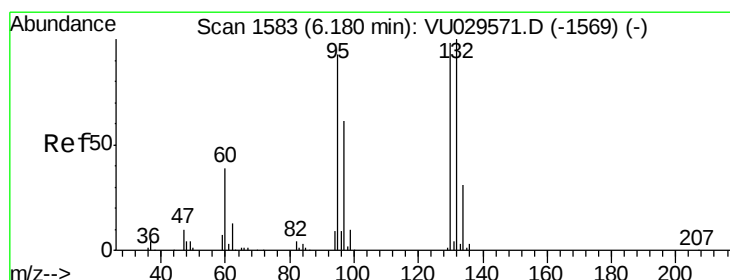
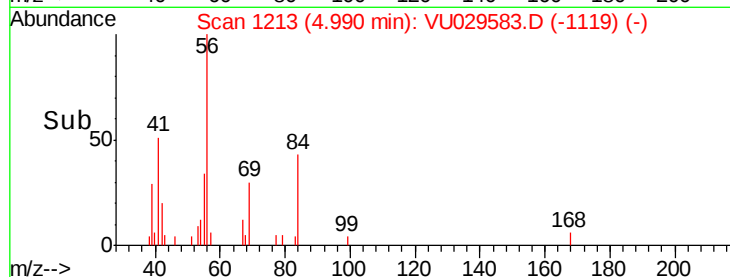
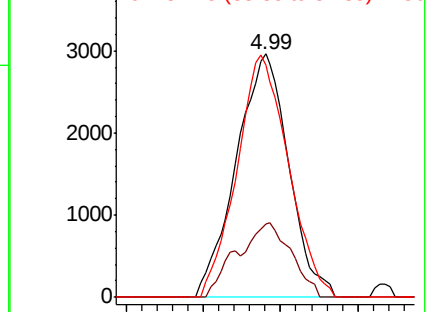
56 100

69 31.5 25.8 38.6

84 97.2 75.0 112.6



Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0



#34

Trichloroethene

Concen: 0.508 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU029583.D

Acq: 20 Feb 2019 16:13

Tgt Ion: 95 Resp: 8146

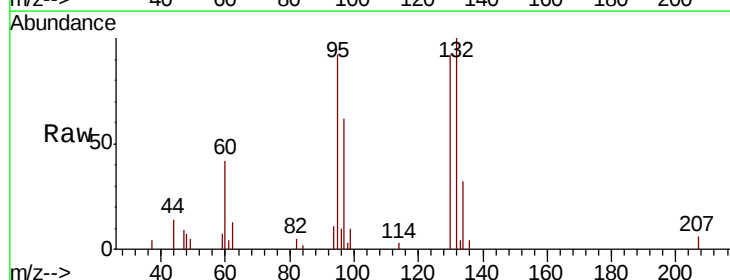
Ion Ratio Lower Upper

95 100

97 67.6 46.3 86.1

132 108.4 72.9 135.3

130 99.7 79.2 147.0



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

