

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036476.D
 Acq On : 15 Jan 2020 17:50
 Operator : JC/MD
 Sample : L1139-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 05:59:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	445916	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	422794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	158326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133294	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.22%
7) Chloroethane-d5	1.93	69	122036	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.52%
11) 1,1-Dichloroethene-d2	2.59	63	203411	36.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.28%
21) 2-Butanone-d5	4.68	46	254613	102.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	5.11	84	286784	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.75	65	195820	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
32) Benzene-d6	5.77	84	563584	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
36) 1,2-Dichloropropane-d6	6.73	67	185171	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.98%
41) Toluene-d8	7.93	98	529938	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%
43) trans-1,3-Dichloropropene-	8.21	79	94086	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.14%
47) 2-Hexanone-d5	8.67	63	191966	104.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.17%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	268719	49.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.36%
64) 1,2-Dichlorobenzene-d4	12.22	152	160990	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%

Target Compounds

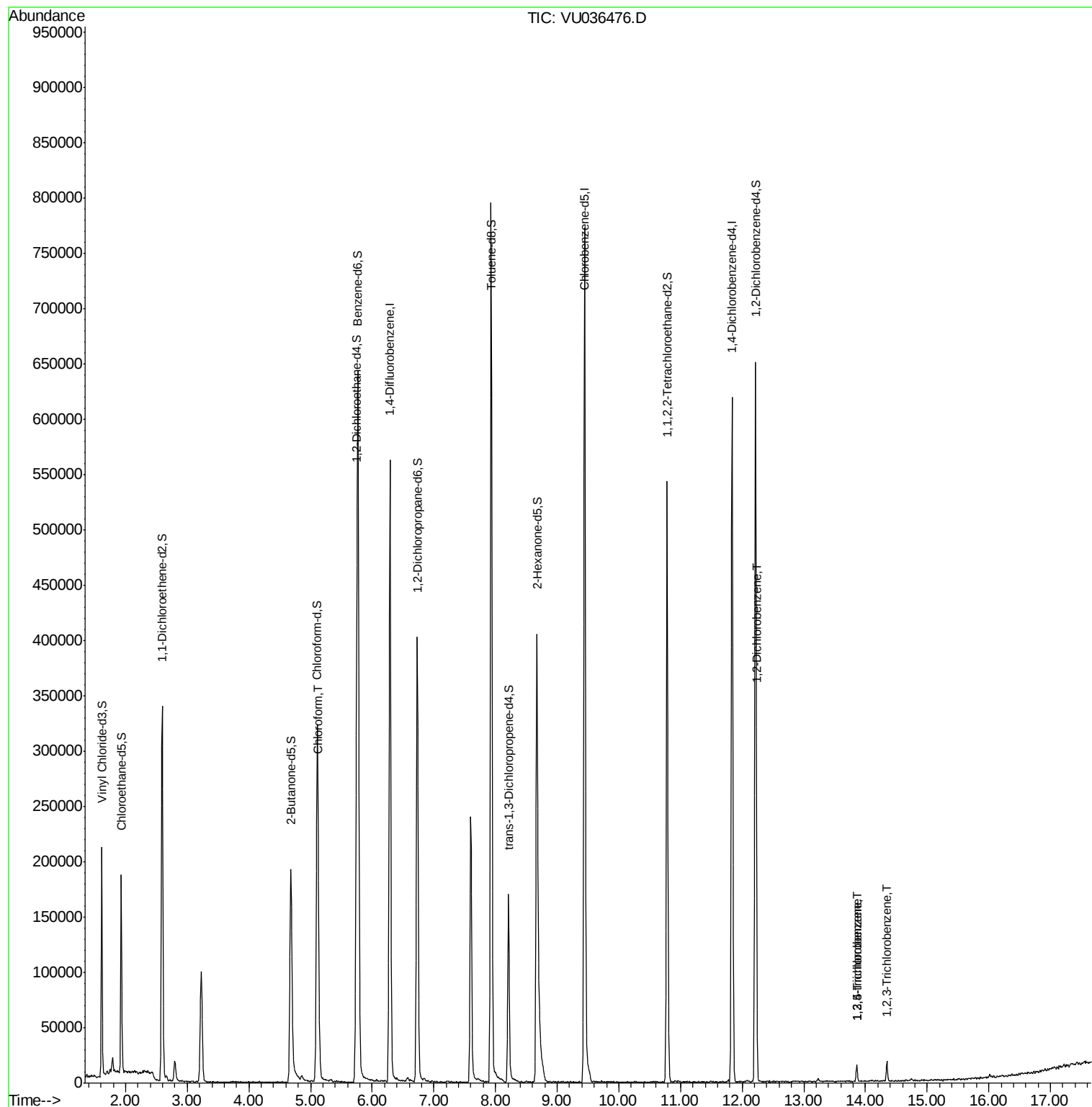
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	5.13	83	32344	5.560	ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	8934	1.817	ug/L #	87
67) 1,3,5-Trichlorobenzene	13.86	180	4269	1.416	ug/L	89
68) 1,2,4-trichlorobenzene	13.86	180	4269	1.922	ug/L	86
70) 1,2,3-Trichlorobenzene	14.35	180	4324	1.876	ug/L	96

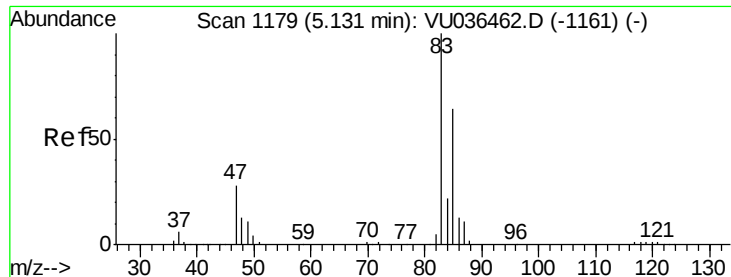
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 05:57:22 2020
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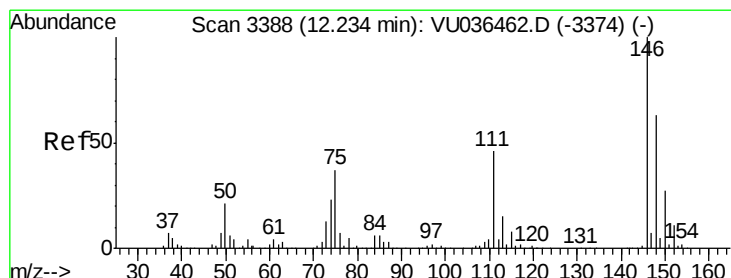
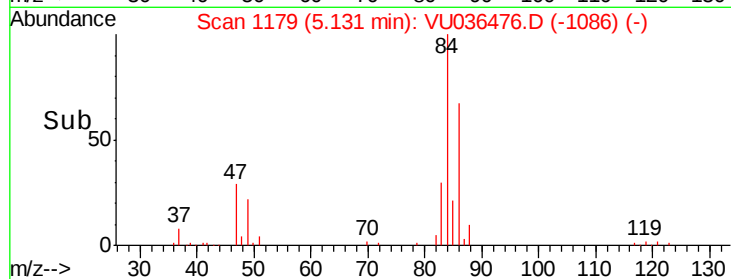
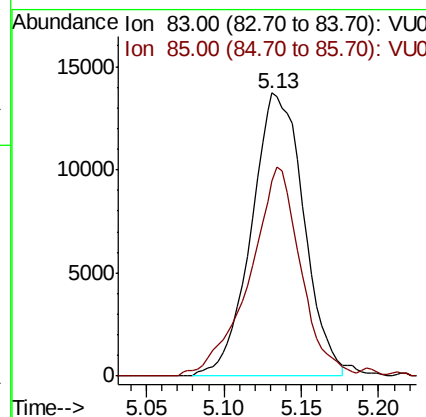
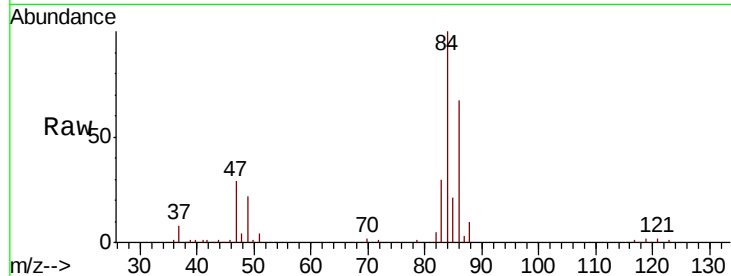




#25
Chloroform
Concen: 5.560 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036476.D
Acq: 15 Jan 2020 17:50

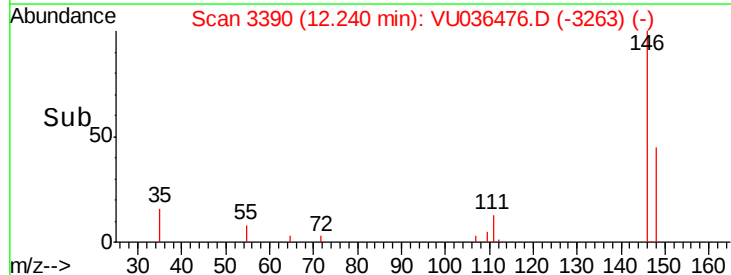
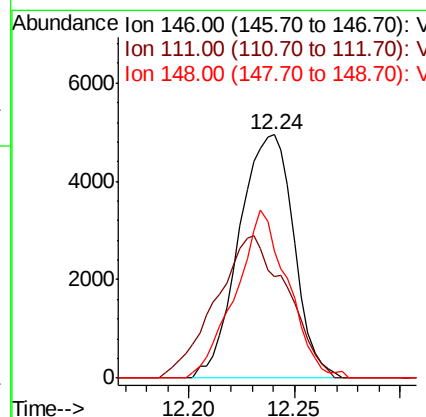
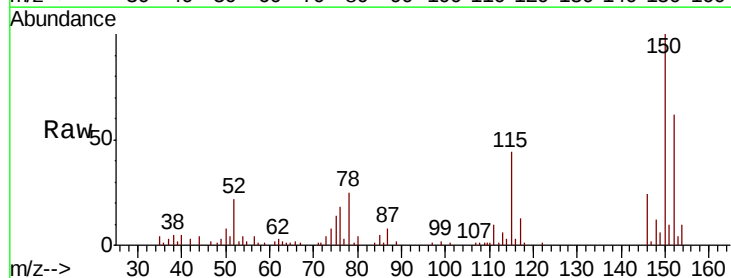
Instrument :
MSVOA_U
ClientSampled :

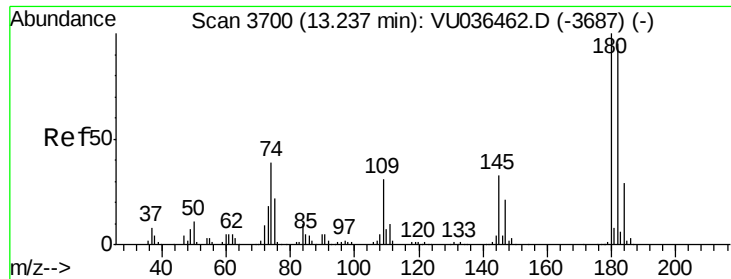
Tot Ion: 83 Resp: 32344
Ion Ratio Lower Upper
83 100
85 69.0 45.1 83.9



#65
1,2-Dichlorobenzene
Concen: 1.817 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. 0.01 min
Lab File: VU036476.D
Acq: 15 Jan 2020 17:50

Tgt Ion: 146 Resp: 8934
Ion Ratio Lower Upper
146 100
111 41.7 37.0 55.4
148 52.3 52.3 78.5#

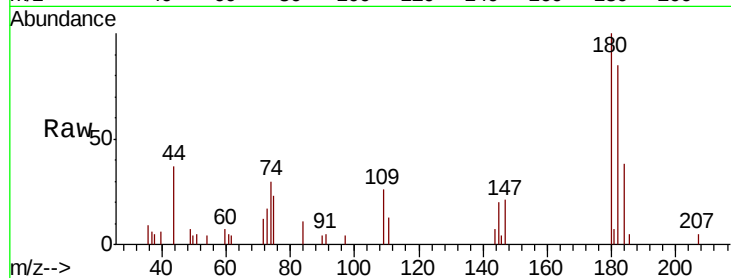




#67
 1,3,5-Trichlorobenzene
 Concen: 1.416 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.63 min
 Lab File: VU036476.D
 Acq: 15 Jan 2020 17:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	107.4	75.8	113.6
184	28.2	24.4	36.6
145	28.0	26.6	39.8



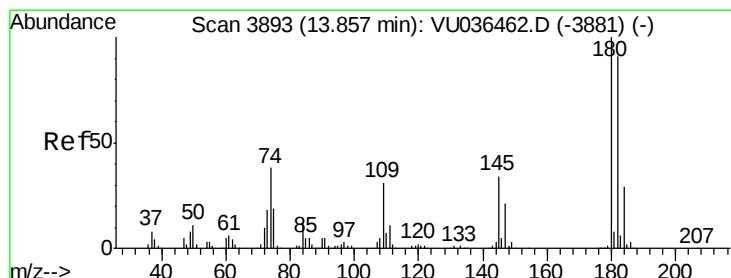
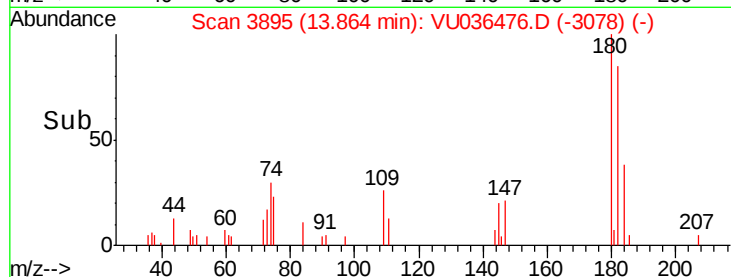
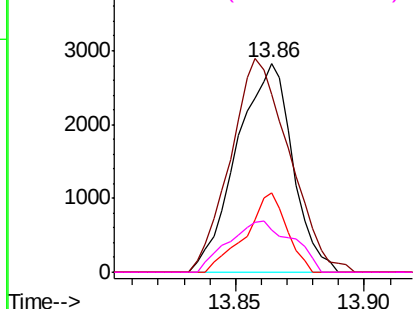
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

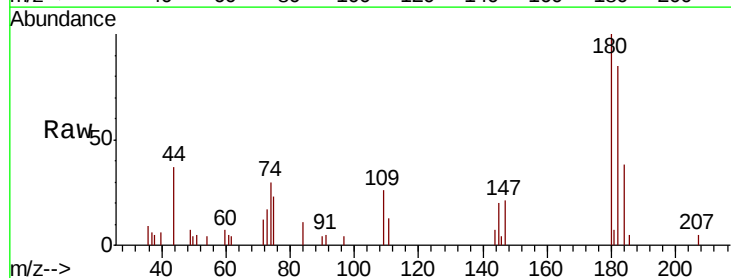
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.922 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.01 min
 Lab File: VU036476.D
 Acq: 15 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.4	74.1	111.1
145	28.0	26.6	40.0

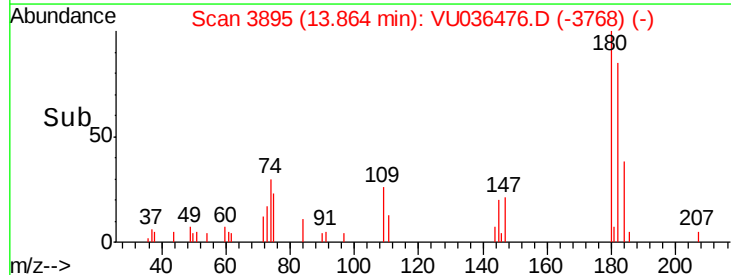
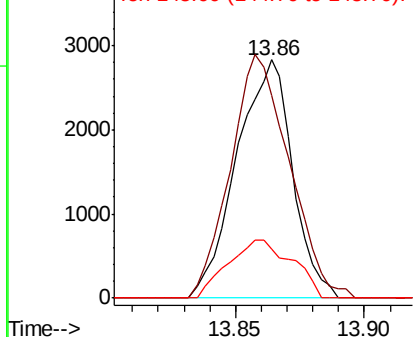


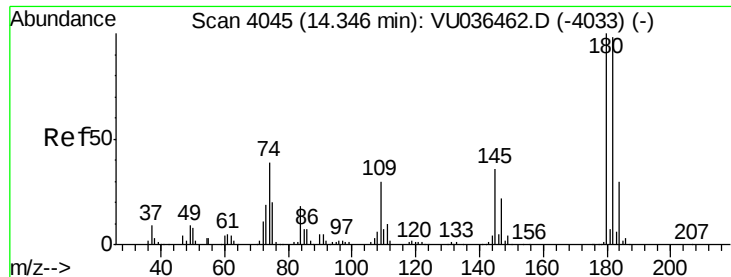
Abundance

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

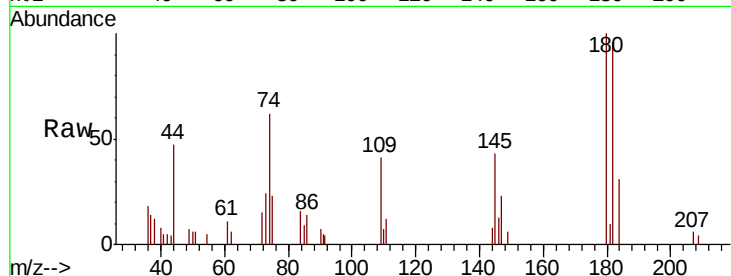




#70
 1,2,3-Trichlorobenzene
 Concen: 1.876 ug/L
 RT: 14.35 min Scan# 4045
 Delta R.T. 0.00 min
 Lab File: VU036476.D
 Acq: 15 Jan 2020 17:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 4324
 Ion Ratio Lower Upper
 180 100
 182 90.8 77.1 115.7
 145 37.1 29.2 43.8



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

