

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121619\
 Data File : VU036234.D
 Acq On : 16 Dec 2019 15:17
 Operator : JC/MD
 Sample : K6273-20DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDR7DL

Quant Time: Dec 17 02:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 01:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	85808	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.93	69	83728	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	91788	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.68	46	185638	48.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	5.11	84	132153	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.75	65	85291	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	284509	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.73	67	96153	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.93	98	236639	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	35753	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.69	63	135062	42.24	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	84952	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	74772	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

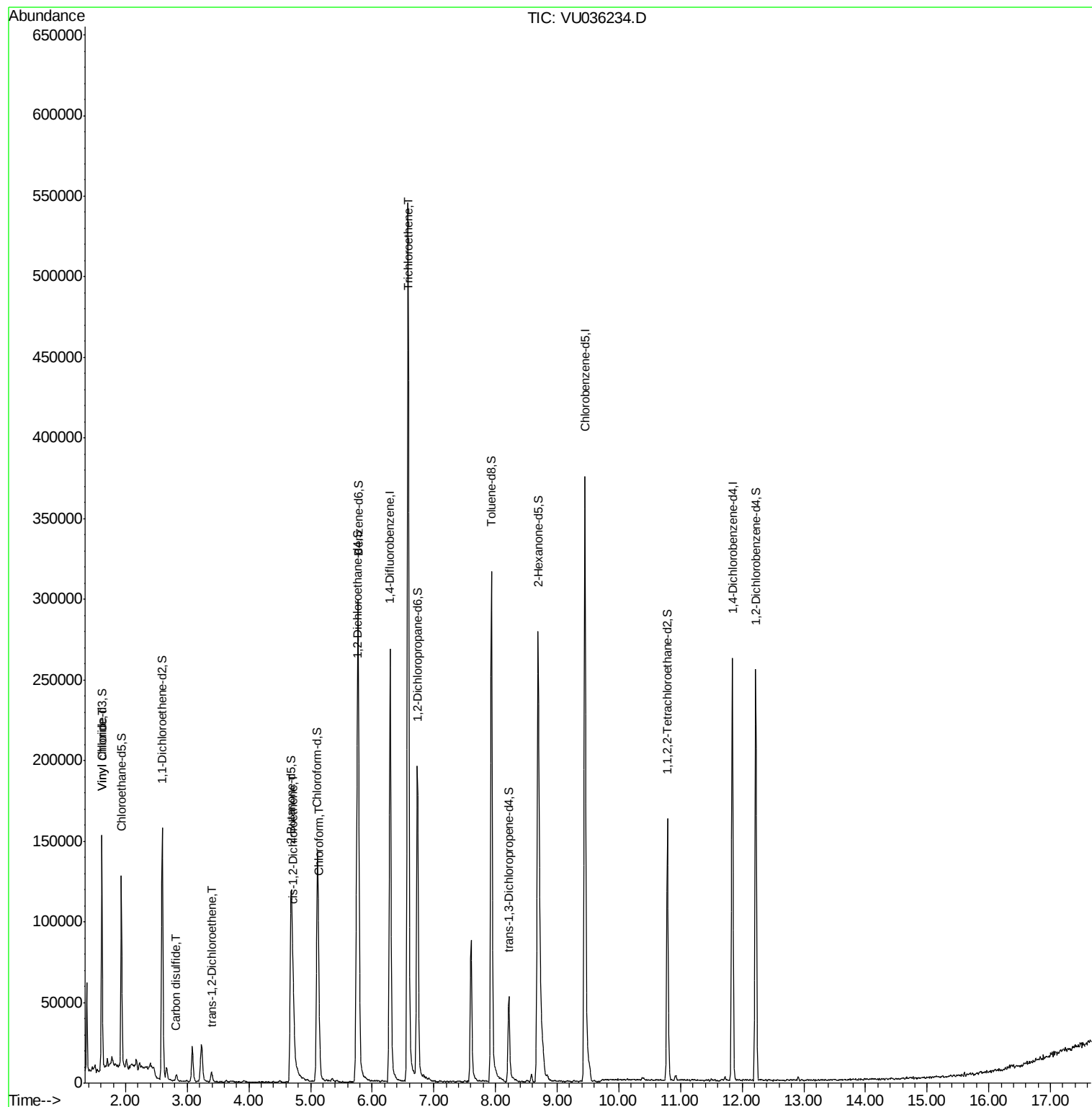
					Ovalue
5) Vinyl chloride	1.62	62	4933	0.160 ug/L	# 65
14) Carbon disulfide	2.83	76	5710	0.099 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	2666	0.148 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	17011	0.878 ug/L	96
25) Chloroform	5.14	83	23529	0.652 ug/L	97
34) Trichloroethene	6.58	95	192489	9.467 ug/L	97

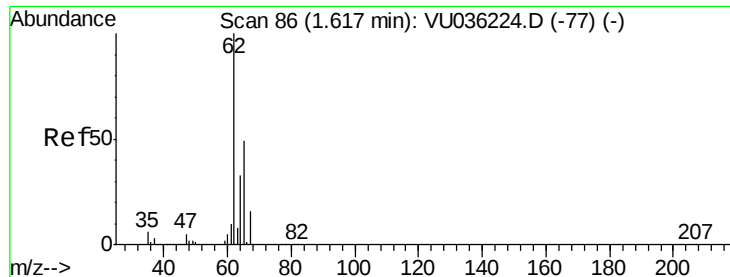
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.160 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036234.D

Acq: 16 Dec 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

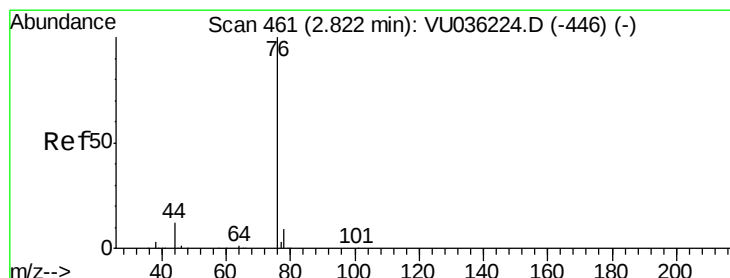
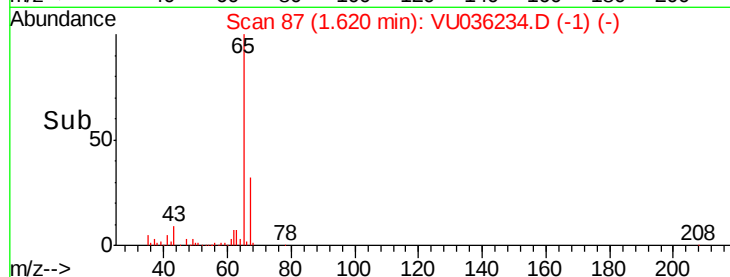
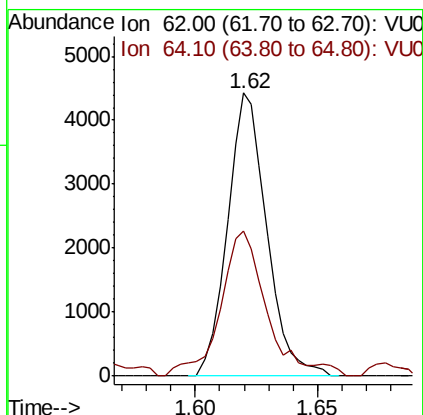
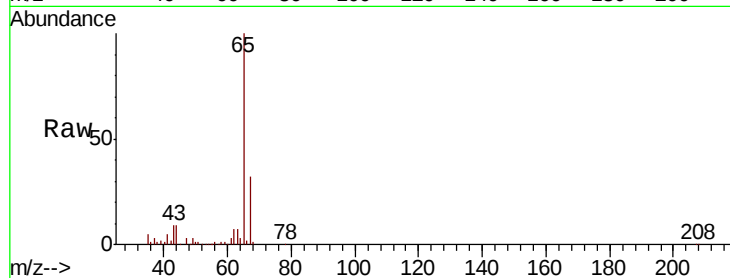
BFDR7DL

Tot Ion: 62 Resp: 4933

Ion Ratio Lower Upper

62 100

64 51.5 22.4 41.6#



#14

Carbon disulfide

Concen: 0.099 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036234.D

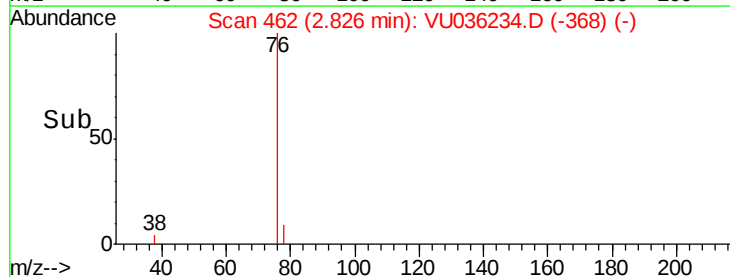
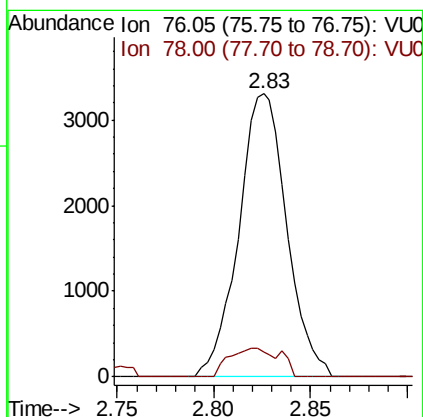
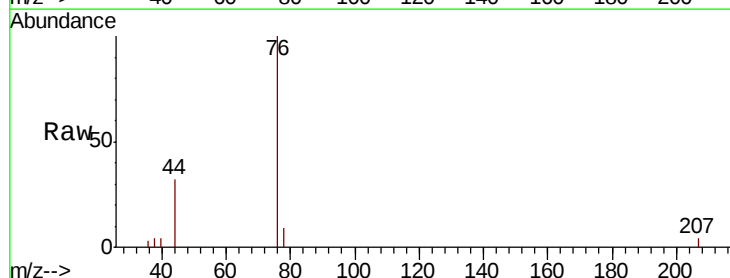
Acq: 16 Dec 2019 15:17

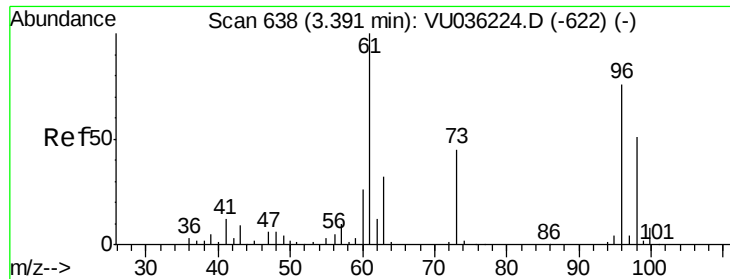
Tgt Ion: 76 Resp: 5710

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

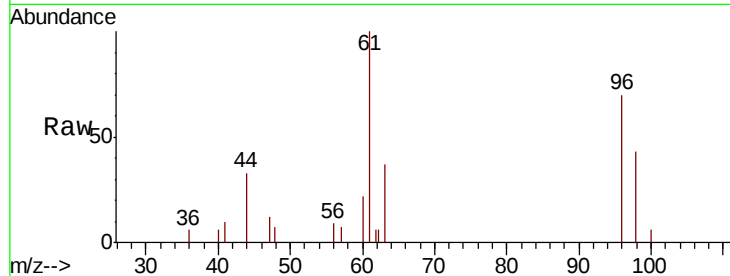




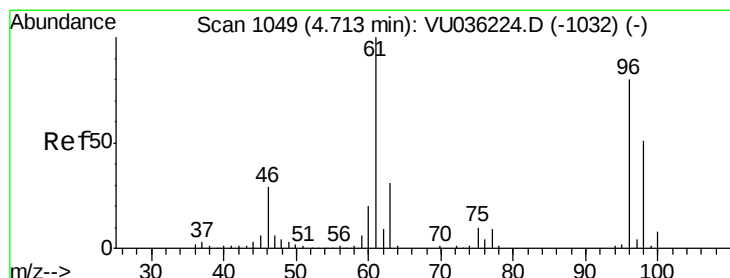
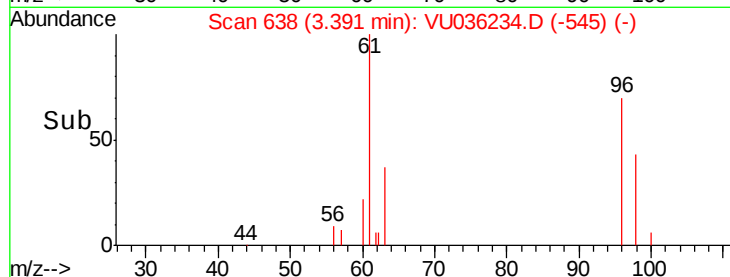
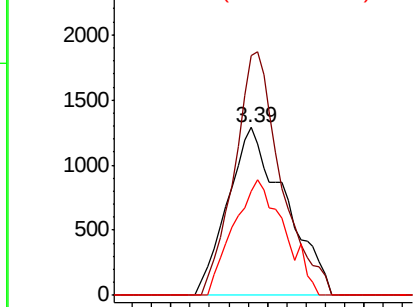
#18
trans-1,2-Dichloroethene
Concen: 0.148 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036234.D
Acq: 16 Dec 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFDR7DL

Tot Ion: 96 Resp: 2666
Ion Ratio Lower Upper
96 100
61 142.7 94.8 176.2
98 61.9 46.8 86.8

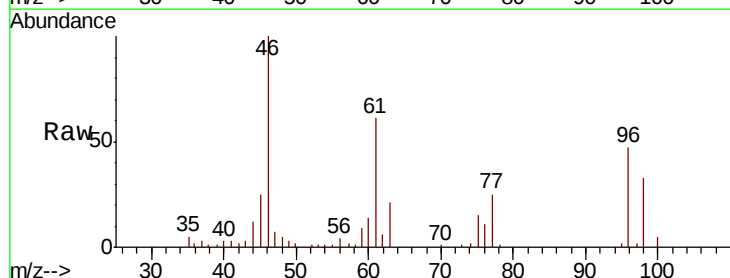


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

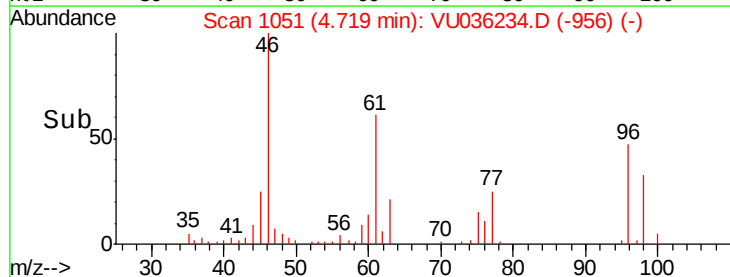
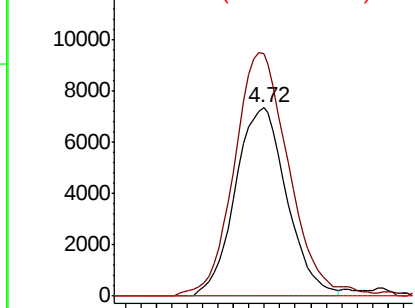


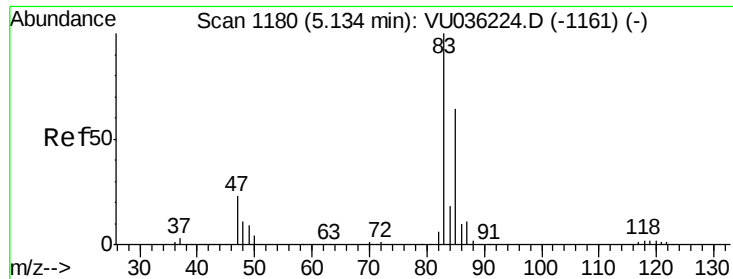
#22
cis-1,2-Dichloroethene
Concen: 0.878 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU036234.D
Acq: 16 Dec 2019 15:17

Tgt Ion: 96 Resp: 17011
Ion Ratio Lower Upper
96 100
61 128.6 86.7 161.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

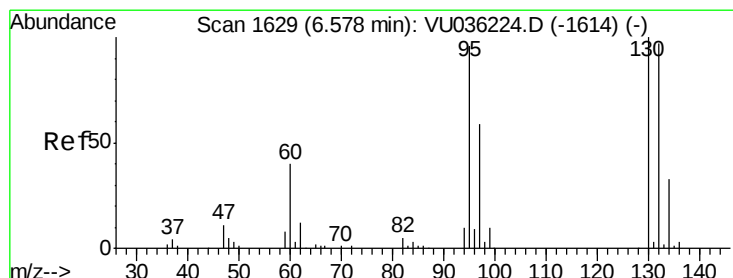
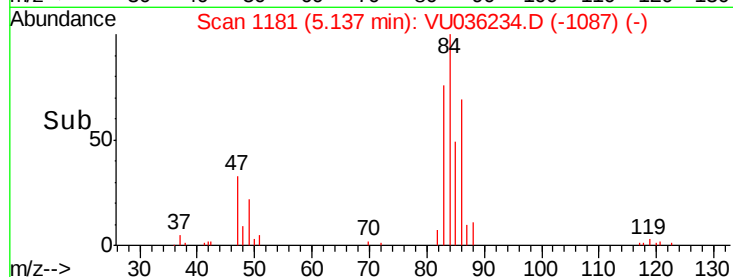
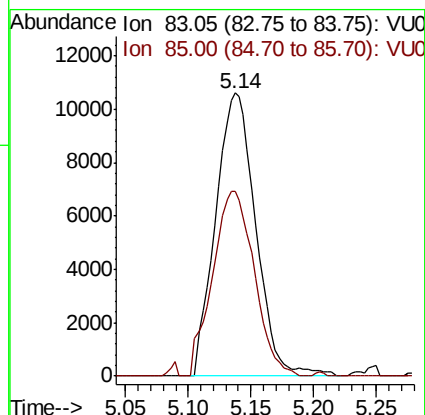
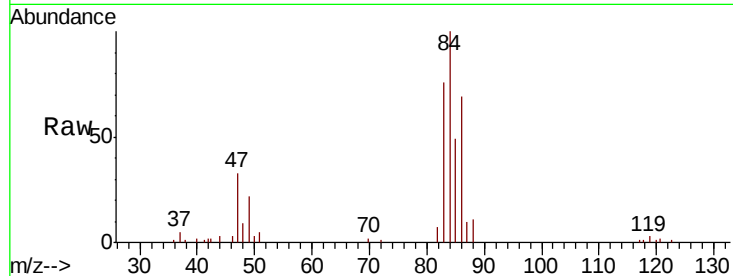




#25
Chloroform
Concen: 0.652 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036234.D
Acq: 16 Dec 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFDR7DL

Tot Ion: 83 Resp: 23529
Ion Ratio Lower Upper
83 100
85 65.4 47.5 88.1



#34
Trichloroethene
Concen: 9.467 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036234.D
Acq: 16 Dec 2019 15:17

Tgt Ion: 95 Resp: 192489
Ion Ratio Lower Upper
95 100
97 63.5 43.6 81.0
132 98.6 69.6 129.2
130 106.1 70.3 130.7

