

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013761.D
 Acq On : 25 Nov 2019 13:23
 Operator : SY/MD
 Sample : K5941-13DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC5DL

Quant Time: Nov 26 06:06:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	373830	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	178948	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98346	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	94540	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	141484	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	273316	56.82	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.64%
24) Chloroform-d	4.40	84	212973	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	110092	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.09	84	416127	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.11	67	135092	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	343976	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	7.66	79	45281	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	214585	51.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111428	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	159861	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

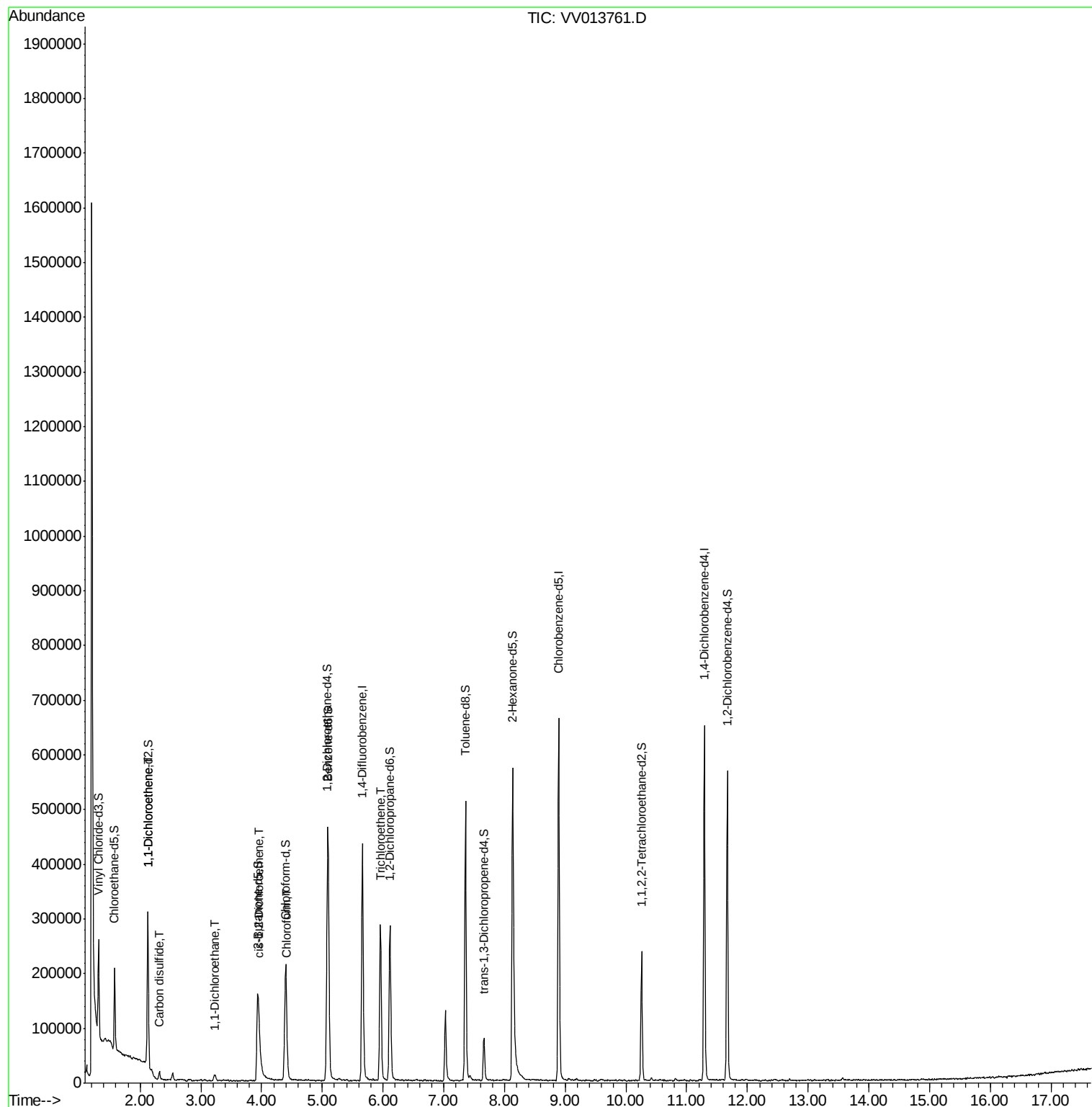
					Ovalue
12) 1,1-Dichloroethene	2.14	96	4294	0.239 ug/L #	1
14) Carbon disulfide	2.32	76	16570	0.399 ug/L #	88
19) 1,1-Dichloroethane	3.23	63	11068	0.273 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	8517	0.358 ug/L	89
25) Chloroform	4.42	83	9893	0.230 ug/L	95
34) Trichloroethene	5.96	95	97691	3.843 ug/L	98

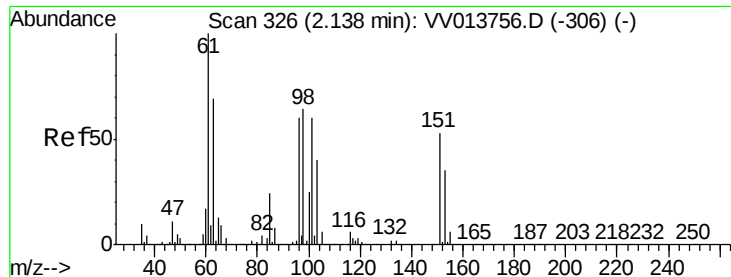
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.239 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013761.D

Acq: 25 Nov 2019 13:23

Instrument :

MSVOA_V

ClientSampleId :

B0AC5DL

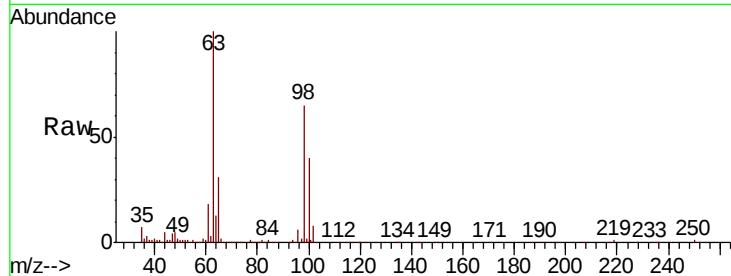
Tot Ion: 96 Resp: 4294

Ion Ratio Lower Upper

96 100

61 316.9 116.3 215.9#

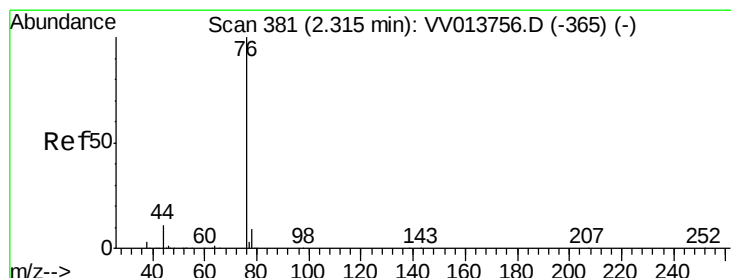
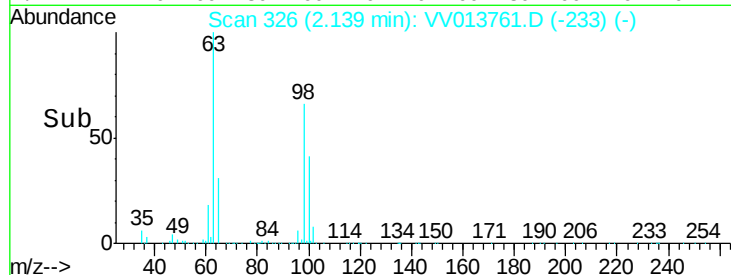
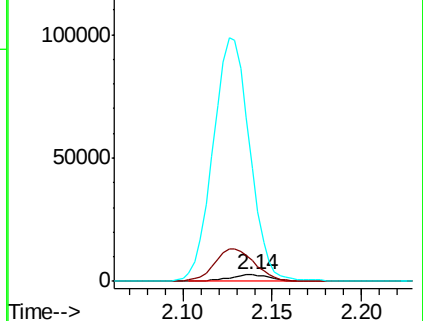
63 1755.2 96.7 179.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#14

Carbon disulfide

Concen: 0.399 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013761.D

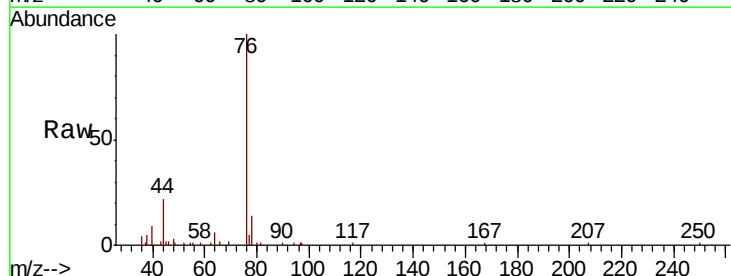
Acq: 25 Nov 2019 13:23

Tgt Ion: 76 Resp: 16570

Ion Ratio Lower Upper

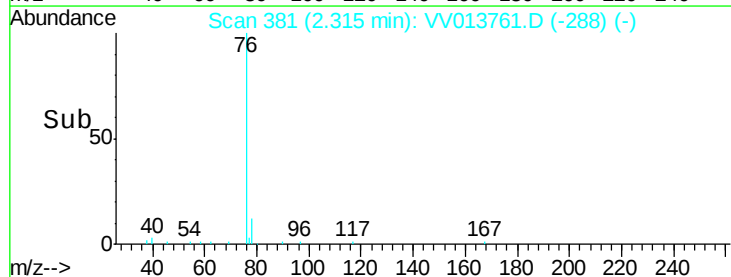
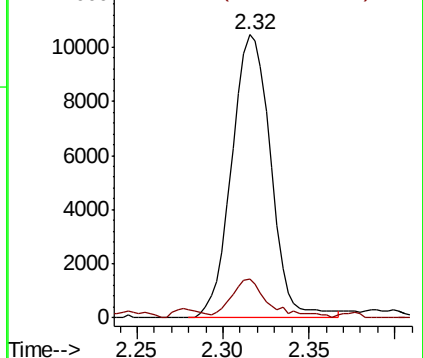
76 100

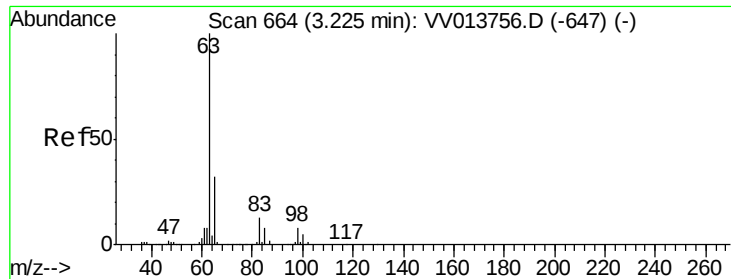
78 13.9 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

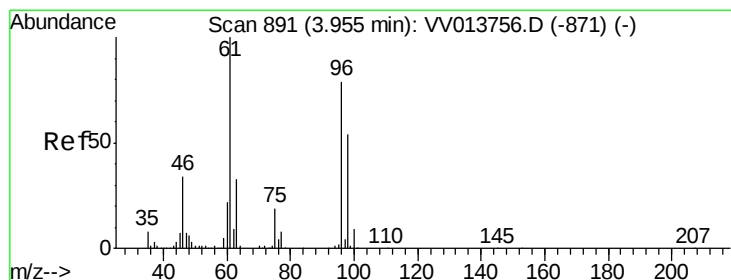
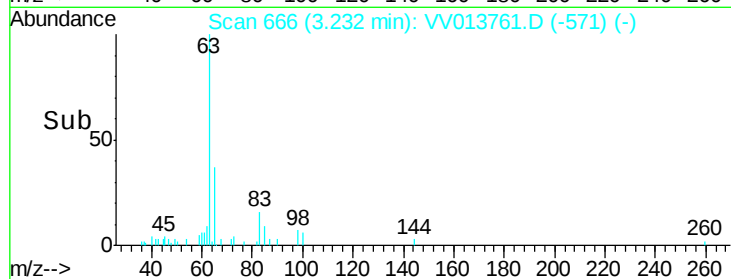
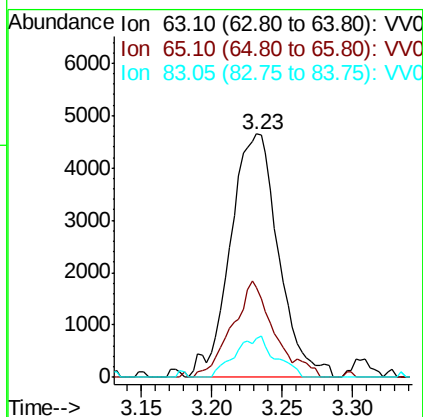
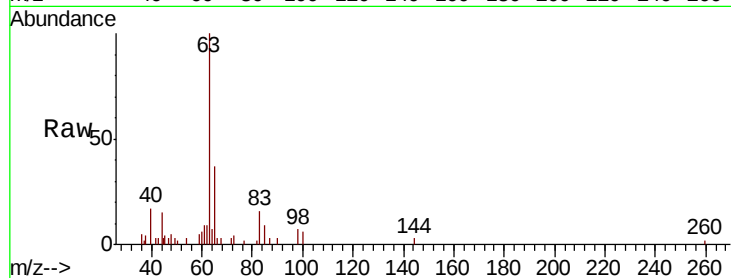




#19
 1,1-Dichloroethane
 Concen: 0.273 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV013761.D
 Acq: 25 Nov 2019 13:23

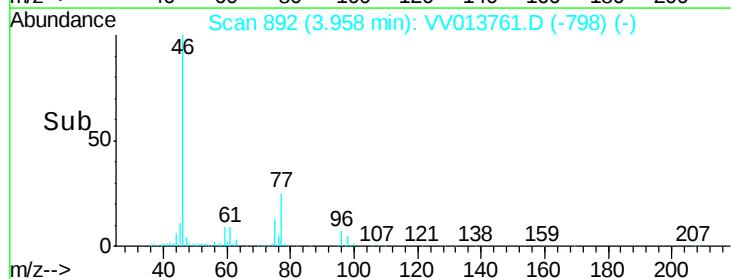
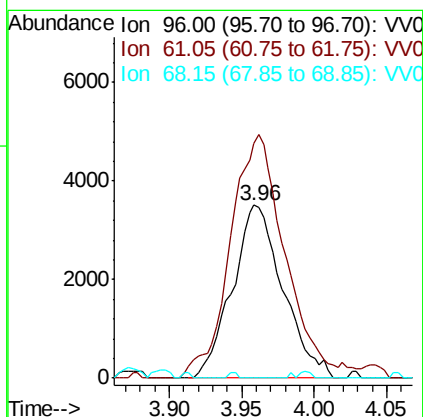
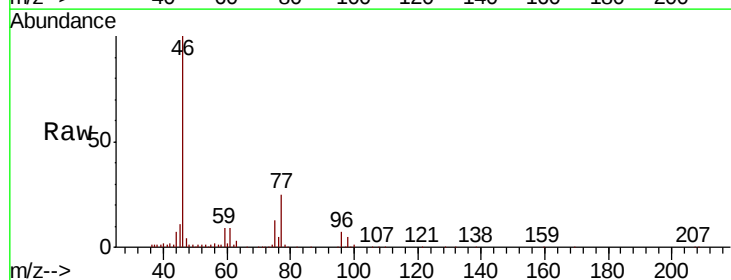
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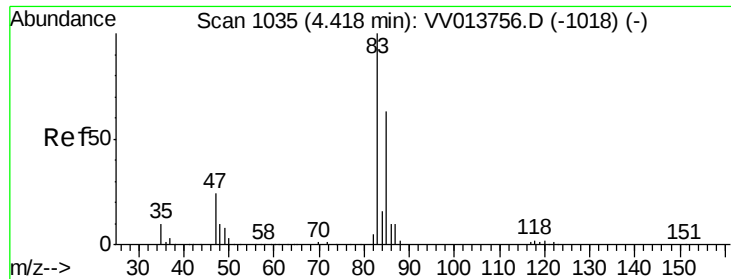
Tot Ion: 63 Resp: 11068
 Ion Ratio Lower Upper
 63 100
 65 37.2 22.7 42.1
 83 16.0 9.2 17.2



#22
 cis-1,2-Dichloroethene
 Concen: 0.358 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV013761.D
 Acq: 25 Nov 2019 13:23

Tgt Ion: 96 Resp: 8517
 Ion Ratio Lower Upper
 96 100
 61 135.5 86.1 159.9
 68 0.0 0.0 0.0

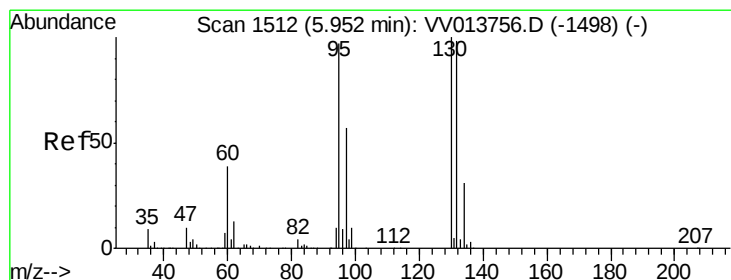
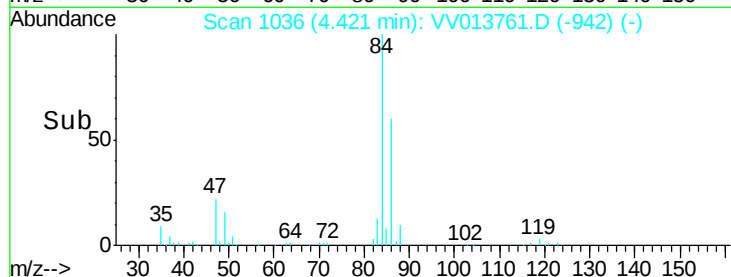
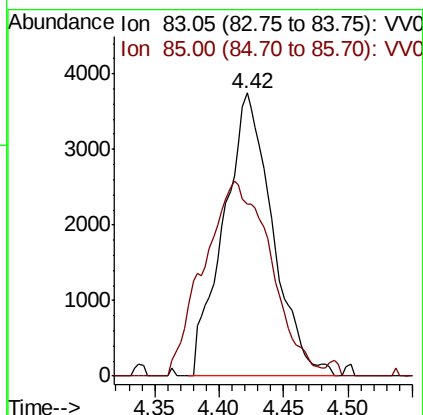
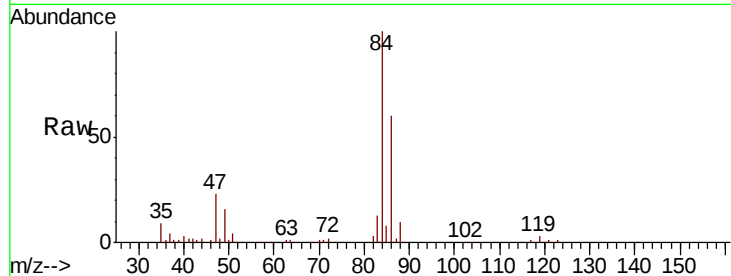




#25
Chloroform
Concen: 0.230 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013761.D
Acq: 25 Nov 2019 13:23

Instrument :
MSVOA_V
ClientSampleId :
B0AC5DL

Tot Ion: 83 Resp: 9893
Ion Ratio Lower Upper
83 100
85 60.6 45.1 83.7



#34
Trichloroethene
Concen: 3.843 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013761.D
Acq: 25 Nov 2019 13:23

Tgt Ion: 95 Resp: 97691
Ion Ratio Lower Upper
95 100
97 61.2 45.6 84.8
132 99.5 70.5 130.9
130 109.6 75.9 140.9

