

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013765.D
 Acq On : 25 Nov 2019 14:59
 Operator : SY/MD
 Sample : K5941-08DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0ACODL

Quant Time: Nov 26 06:44:31 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	364131	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	356377	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	164091	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100844	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	90091	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	168744	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	3.95	46	247126	52.75	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.50%
24) Chloroform-d	4.40	84	216349	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	107808	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.09	84	423415	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.11	67	129635	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	354991	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.66	79	44508	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	183546	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	98158	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	153838	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

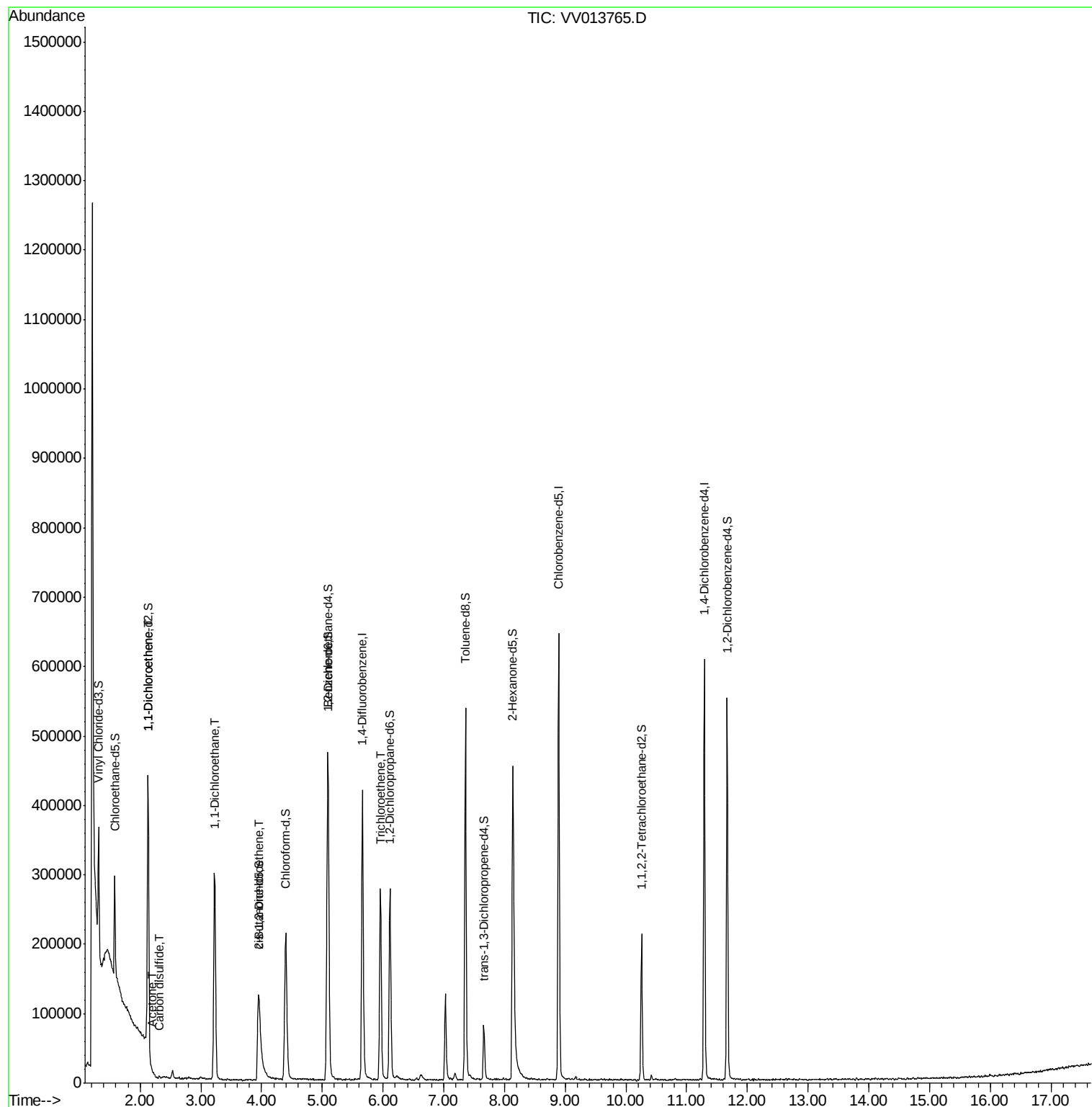
					Ovalue
12) 1,1-Dichloroethene	2.14	96	61945	3.538 ug/L	99
13) Acetone	2.21	43	6514	1.988 ug/L #	64
14) Carbon disulfide	2.32	76	4767	0.118 ug/L	98
19) 1,1-Dichloroethane	3.23	63	300269	7.608 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	4673	0.202 ug/L	90
34) Trichloroethene	5.96	95	95311	3.952 ug/L	97

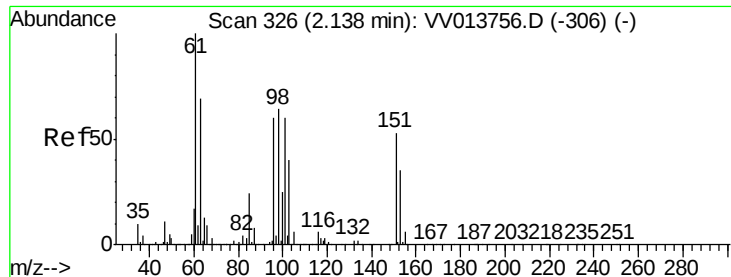
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 3.538 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013765.D

Acq: 25 Nov 2019 14:59

Instrument :

MSVOA_V

ClientSampleId :

B0AC0DL

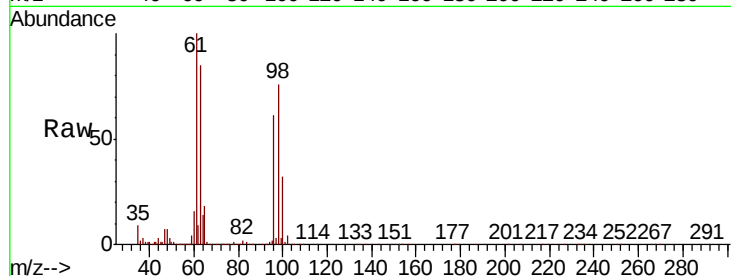
Tot Ion: 96 Resp: 61945

Ion	Ratio	Lower	Upper
96	100		
61	164.9	116.3	215.9
63	140.5	96.7	179.7

96 100

61 164.9 116.3 215.9

63 140.5 96.7 179.7

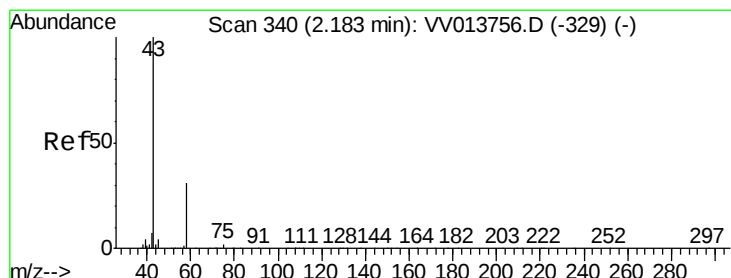
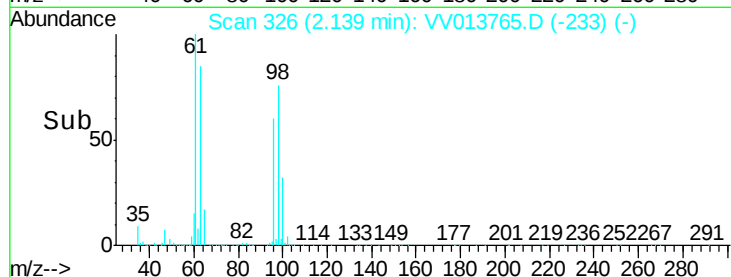
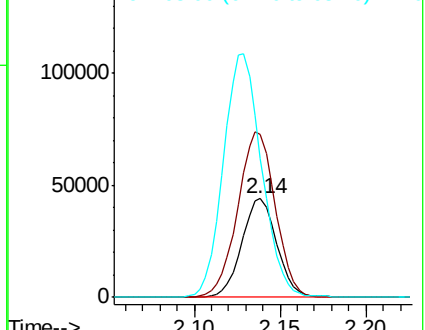


Abundance

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



#13

Acetone

Concen: 1.988 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.03 min

Lab File: VV013765.D

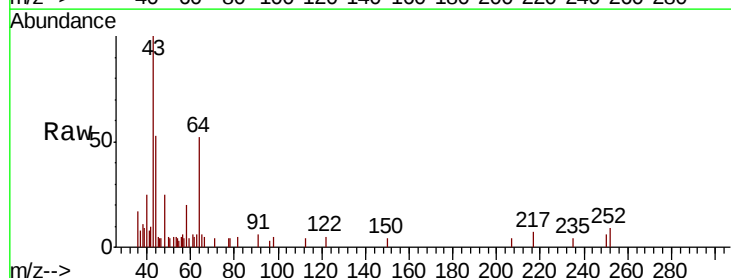
Acq: 25 Nov 2019 14:59

Tgt Ion: 43 Resp: 6514

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	27.2#

43 100

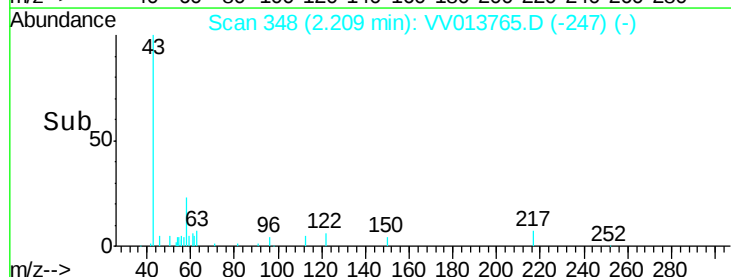
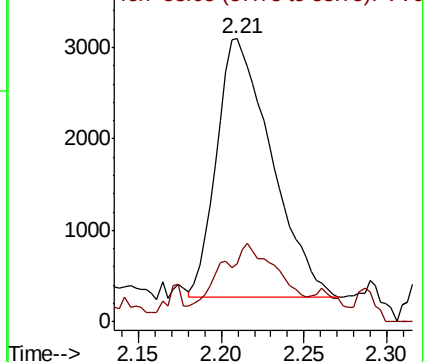
58 28.1 0.0 27.2#

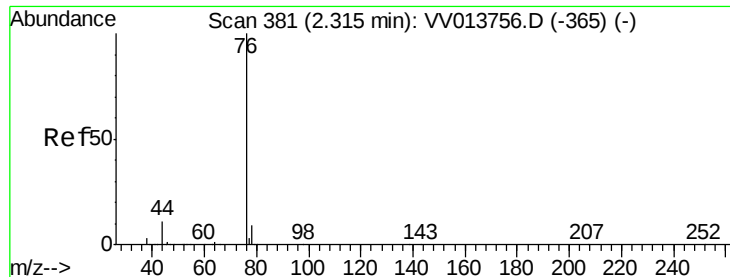


Abundance

Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.118 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV013765.D

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Instrument :

MSVOA_V

ClientSampleId :

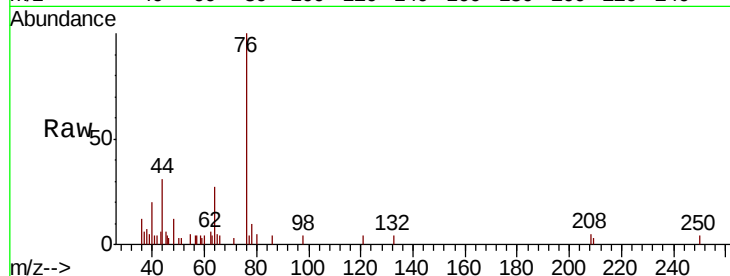
B0AC0DL

Tot Ion: 76 Resp: 4767

Ion Ratio Lower Upper

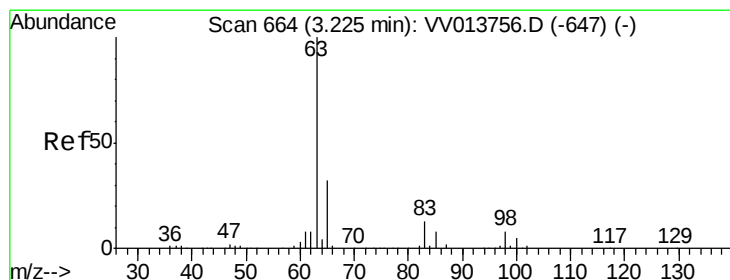
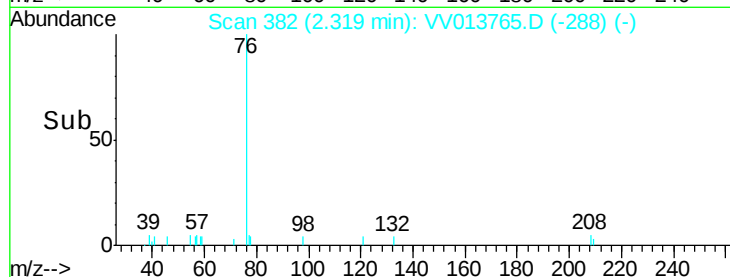
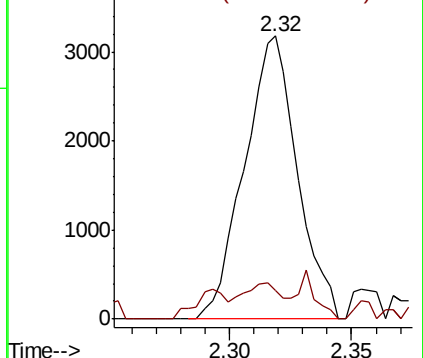
76 100

78 10.1 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: 7.608 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013765.D

Acq: 25 Nov 2019 14:59

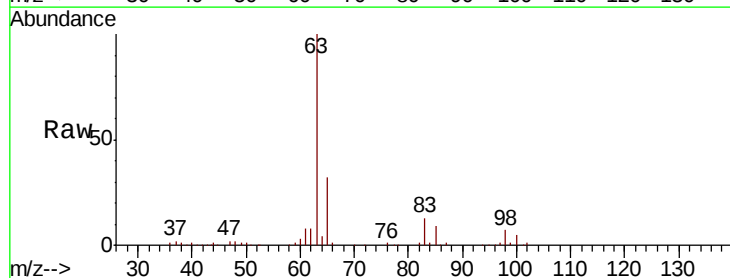
Tgt Ion: 63 Resp: 300269

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.1

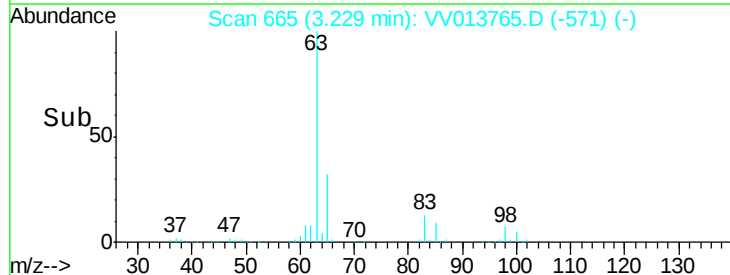
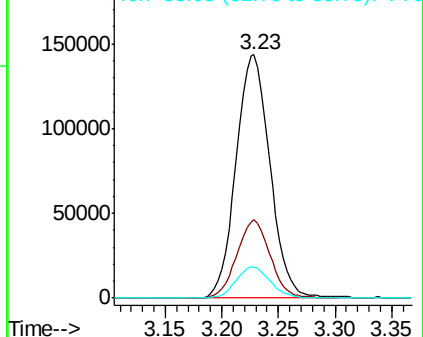
83 12.9 9.2 17.2

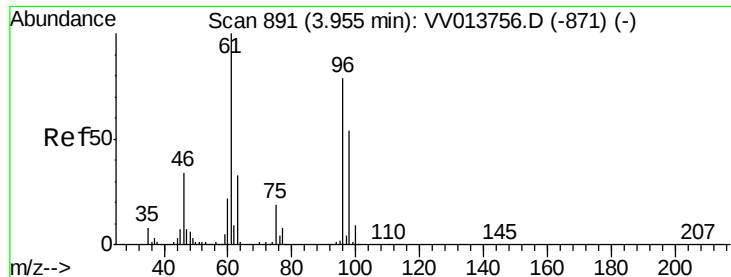


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



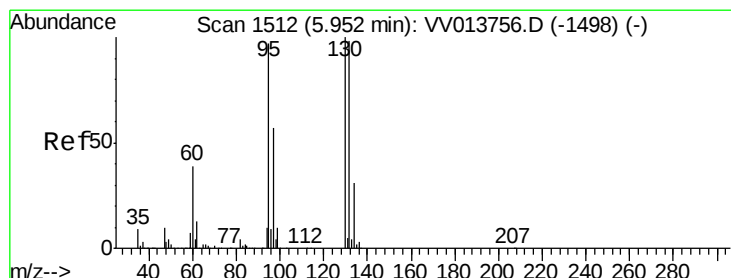
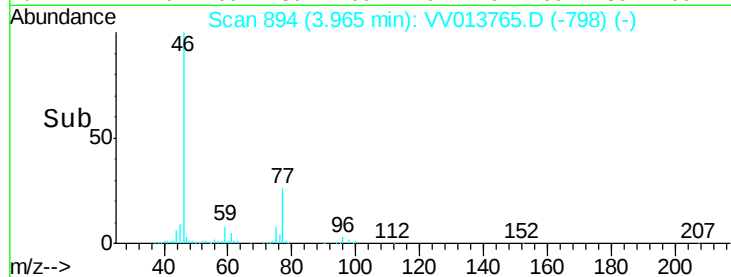
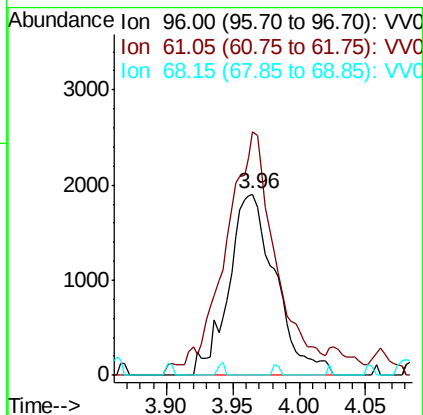
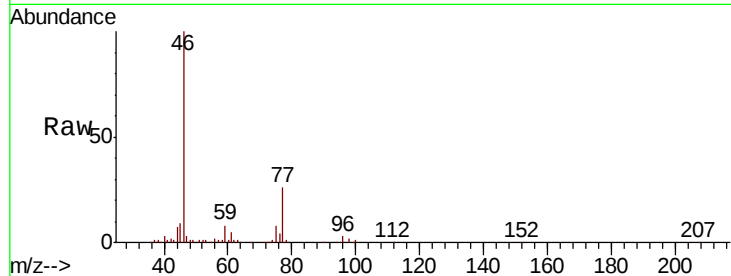


#22

cis-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013765.D
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MSVOA_V
ClientSampleId :
B0AC0DL

Tot Ion: 96 Resp: 4673
Ion Ratio Lower Upper
96 100
61 134.5 86.1 159.9
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 3.952 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013765.D
Acq: 25 Nov 2019 14:59

Tgt Ion: 95 Resp: 95311
Ion Ratio Lower Upper
95 100
97 62.5 45.6 84.8
132 102.4 70.5 130.9
130 104.0 75.9 140.9

