

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017971.D
 Acq On : 13 Aug 2020 15:00
 Operator : SY/MD
 Sample : L3644-16DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L98DL

Quant Time: Aug 14 05:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258797	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85304	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	74323	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.02%
11) 1,1-Dichloroethene-d2	2.12	63	128904	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.26%
21) 2-Butanone-d5	3.91	46	138722	107.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	4.38	84	167759	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.06	65	113812	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
32) Benzene-d6	5.08	84	331996	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.09	67	110598	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.34	98	299964	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.64	79	44867	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.11	63	78842	104.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148307	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	123684	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

Target Compounds

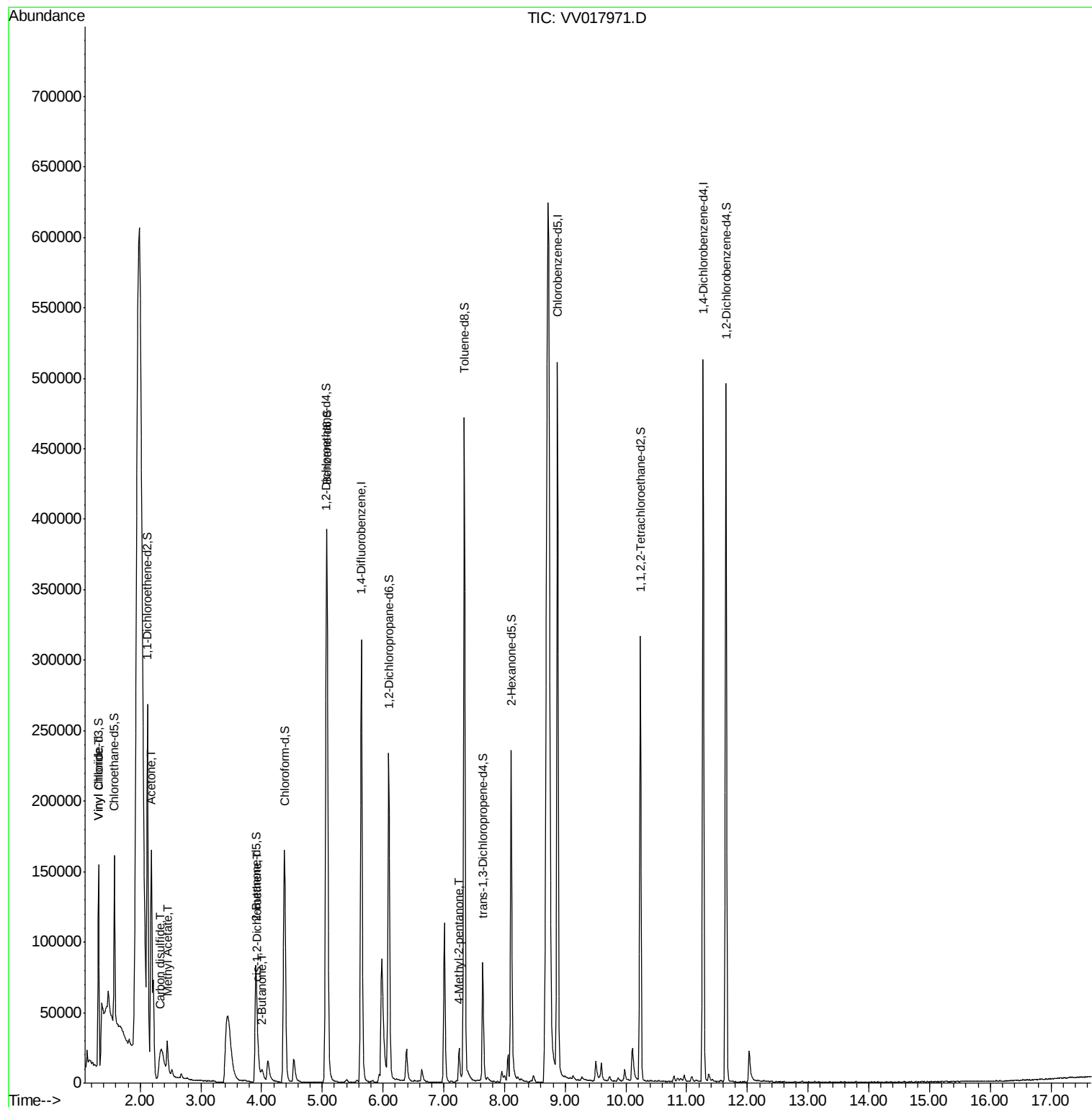
					Ovalue
5) Vinyl chloride	1.32	62	1859	0.808 ug/L #	1
13) Acetone	2.18	43	186889	139.907 ug/L	98
14) Carbon disulfide	2.32	76	4586	0.960 ug/L	99
15) Methyl Acetate	2.45	43	25076	11.632 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	1290	0.658 ug/L	91
22) 2-Butanone	4.00	43	12512	8.349 ug/L #	72
40) 4-Methyl-2-pentanone	7.25	43	15910	5.513 ug/L	99

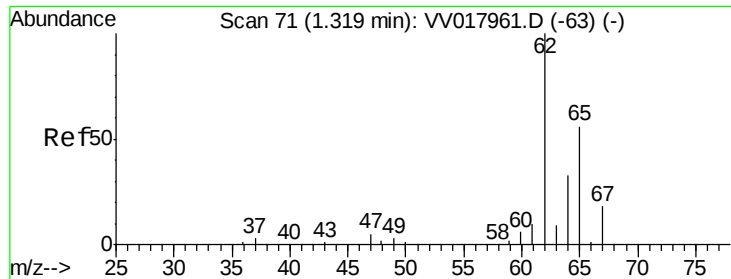
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.808 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017971.D

Acq: 13 Aug 2020 15:00

Instrument :

MSVOA_V

ClientSampleId :

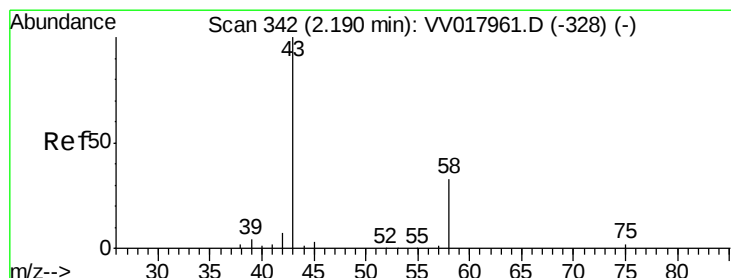
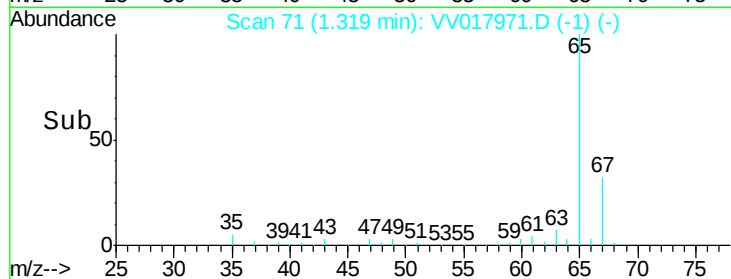
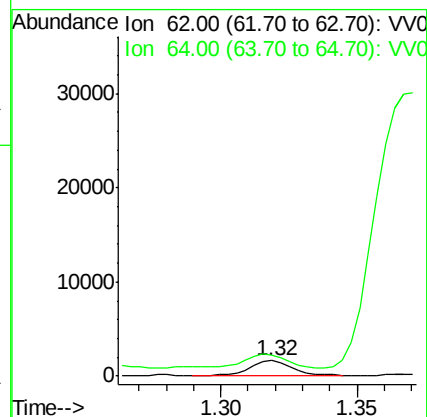
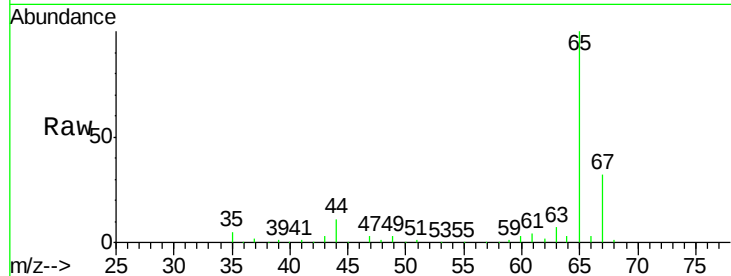
F2L98DL

Tot Ion: 62 Resp: 1859

Ion Ratio Lower Upper

62 100

64 138.0 22.4 41.6#



#13

Acetone

Concen: 139.907 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV017971.D

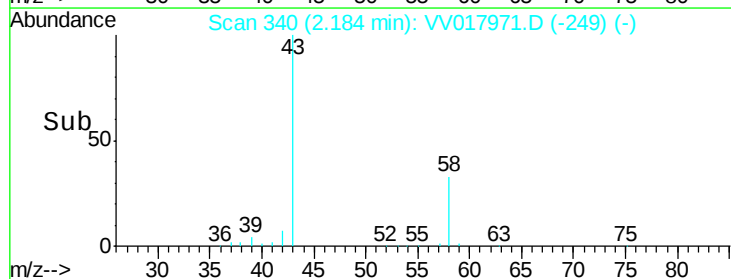
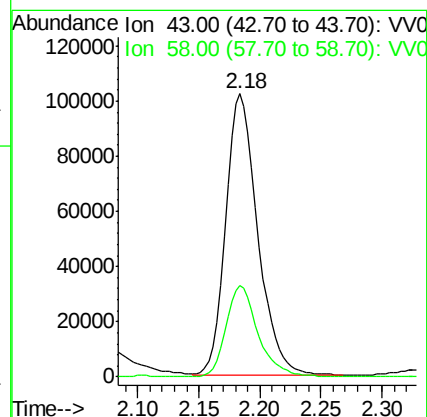
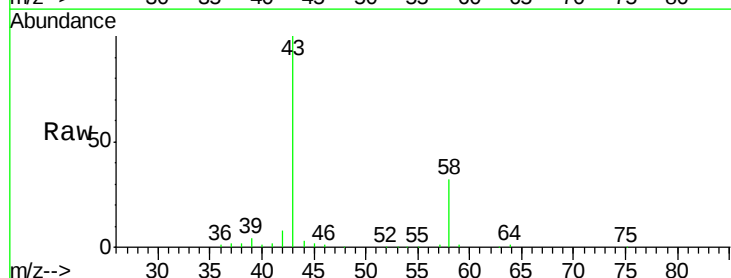
Acq: 13 Aug 2020 15:00

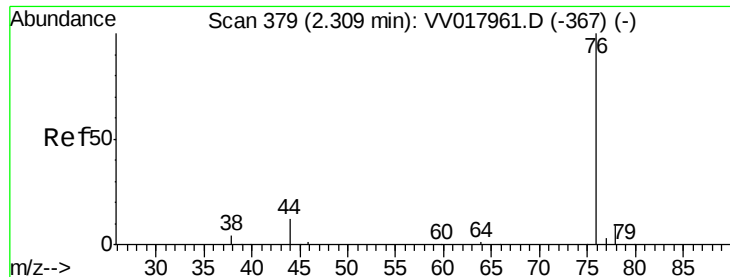
Tgt Ion: 43 Resp: 186889

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6





#14

Carbon disulfide

Concen: 0.960 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017971.D

Acq: 13 Aug 2020 15:00

Instrument :

MSVOA_V

ClientSampleID :

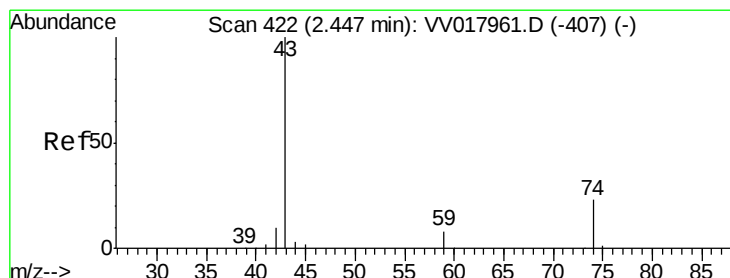
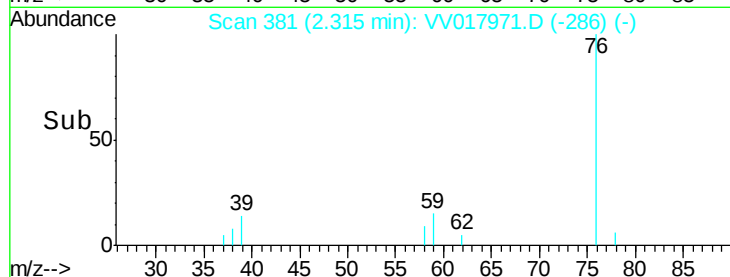
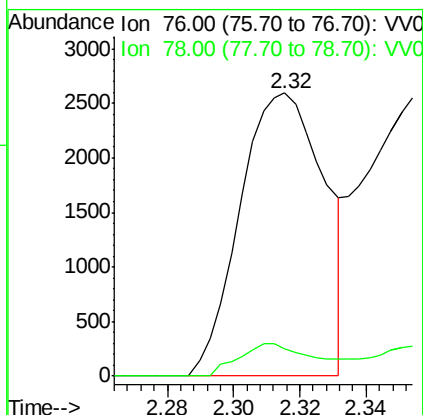
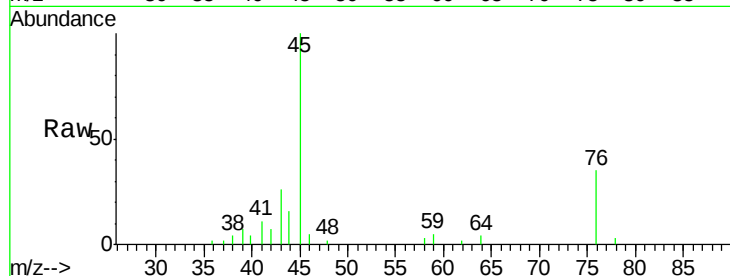
F2L98DL

Tot Ion: 76 Resp: 4586

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2



#15

Methyl Acetate

Concen: 11.632 ug/L

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV017971.D

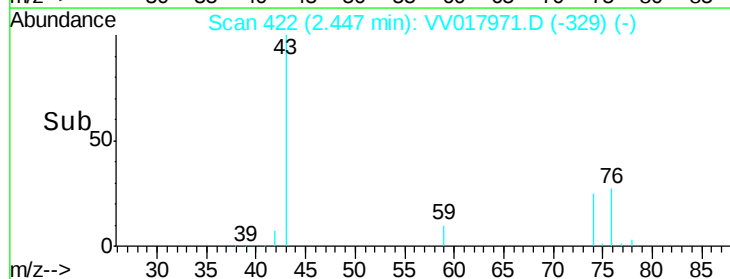
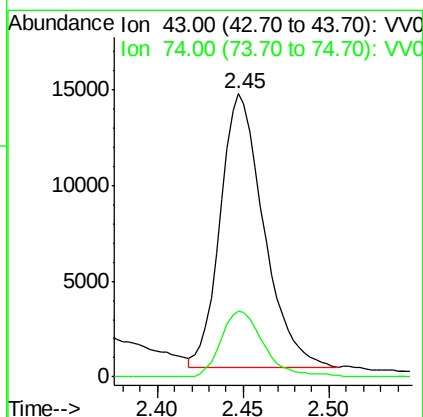
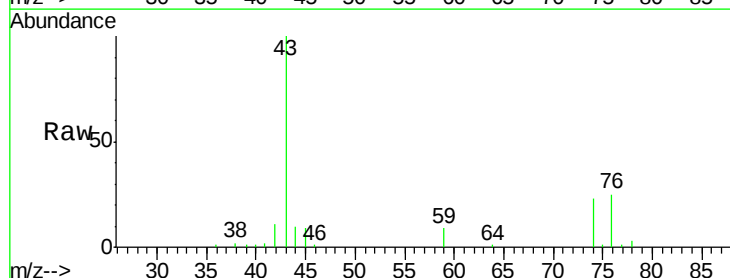
Acq: 13 Aug 2020 15:00

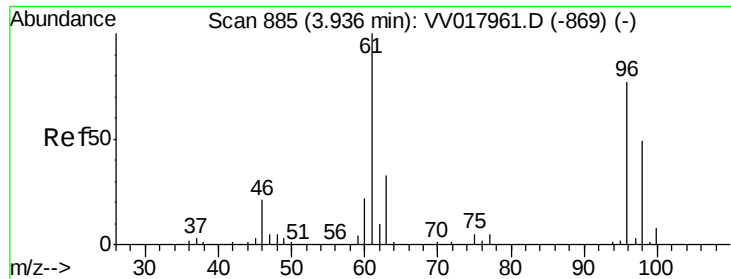
Tgt Ion: 43 Resp: 25076

Ion Ratio Lower Upper

43 100

74 23.9 18.4 27.6

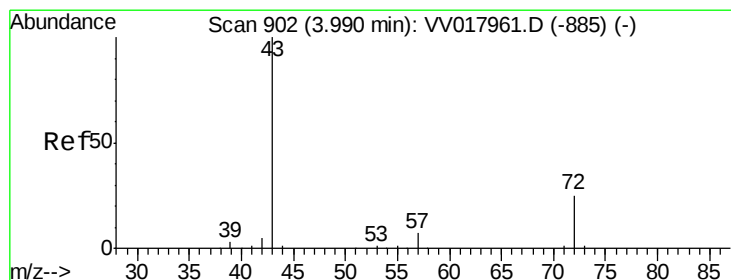
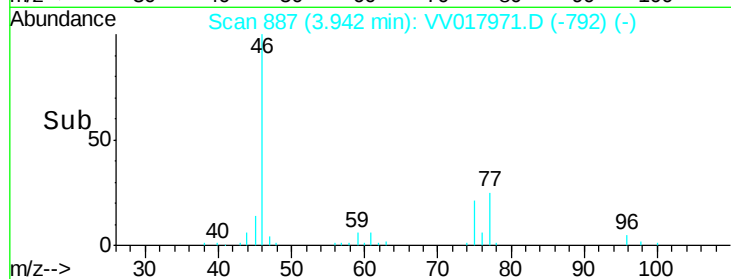
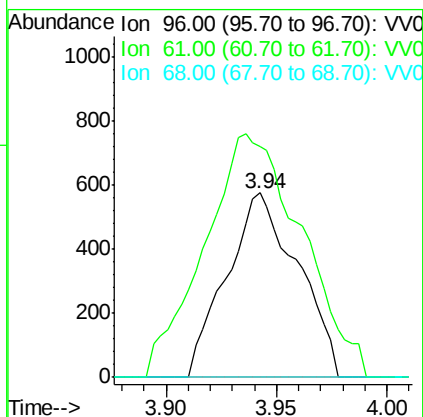
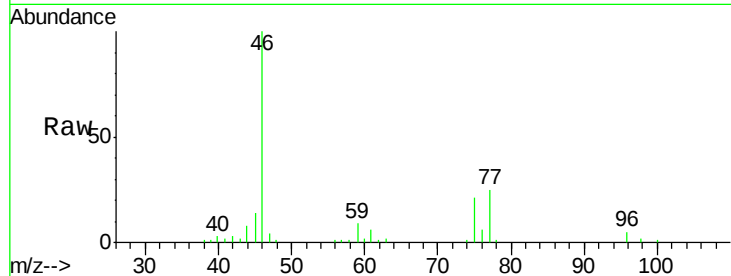




#20
 cis-1,2-Dichloroethene
 Concen: 0.658 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017971.D
 Acq: 13 Aug 2020 15:00

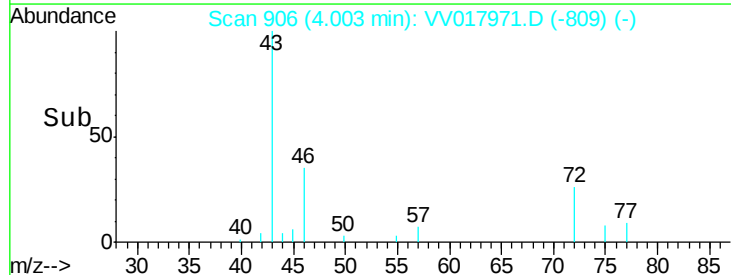
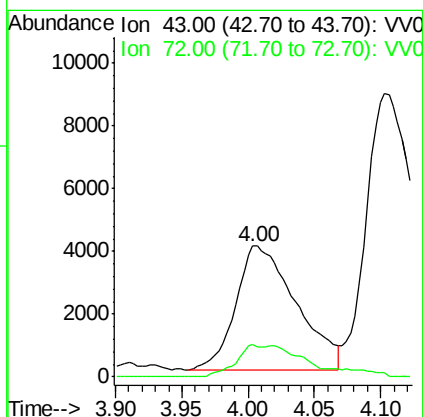
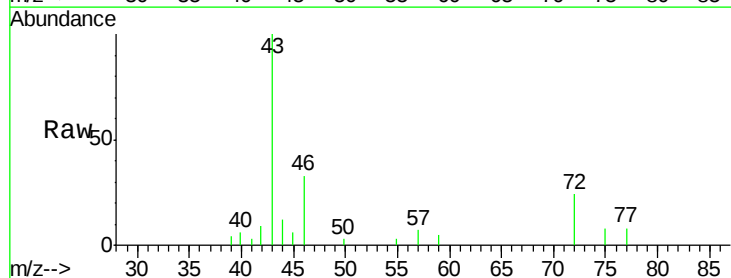
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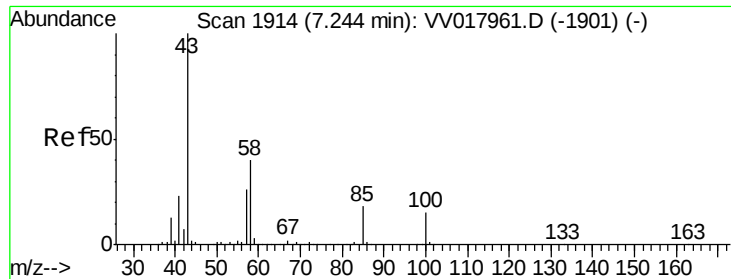
Tot Ion: 96 Resp: 1290
 Ion Ratio Lower Upper
 96 100
 61 125.2 95.0 176.4
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 8.349 ug/L
 RT: 4.00 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: VV017971.D
 Acq: 13 Aug 2020 15:00

Tgt Ion: 43 Resp: 12512
 Ion Ratio Lower Upper
 43 100
 72 11.0 12.7 38.0#





#40
 4-Methyl-2-pentanone
 Concen: 5.513 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV017971.D
 Acq: 13 Aug 2020 15:00

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L98DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.0	31.9	47.9
100	15.0	12.2	18.2

