

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017952.D
 Acq On : 13 Aug 2020 02:07
 Operator : SY/MD
 Sample : L3665-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L35

Quant Time: Aug 13 06:49:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	242363	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238986	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82282	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	69594	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	121817	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.91	46	127512	105.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.38	84	154690	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.06	65	110096	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
32) Benzene-d6	5.08	84	317587	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.10	67	105297	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	7.34	98	275929	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.64	79	44225	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.11	63	59527	86.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130552	46.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	112525	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%

Target Compounds

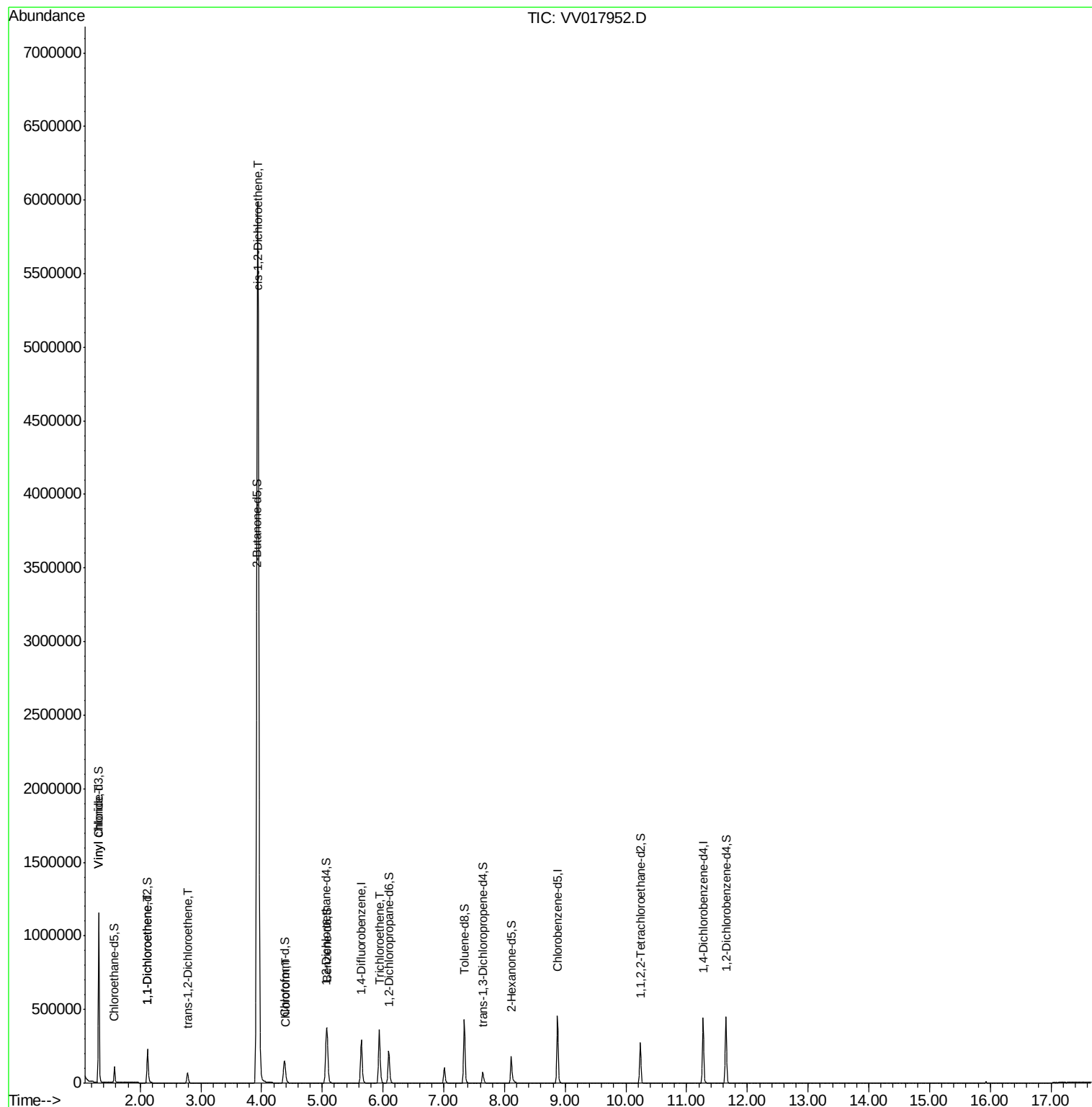
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	631710	293.335	ug/L	100
12) 1,1-Dichloroethene	2.13	96	5526	3.399	ug/L	# 1
17) trans-1,2-Dichloroethene	2.78	96	24924	14.914	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	3279067	1785.515	ug/L	98
25) Chloroform	4.41	83	5821	1.698	ug/L	96
34) Trichloroethene	5.94	95	125518	64.223	ug/L	99

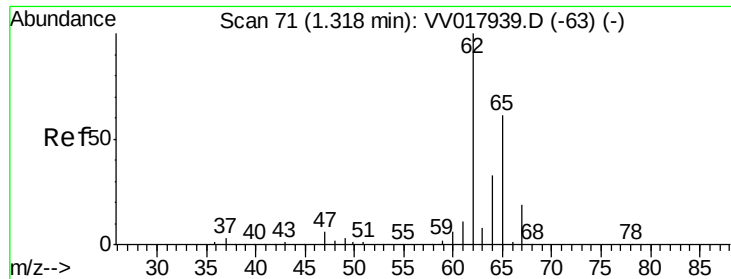
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 293.335 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017952.D

Acq: 13 Aug 2020 02:07

Instrument :

MSVOA_V

ClientSampled :

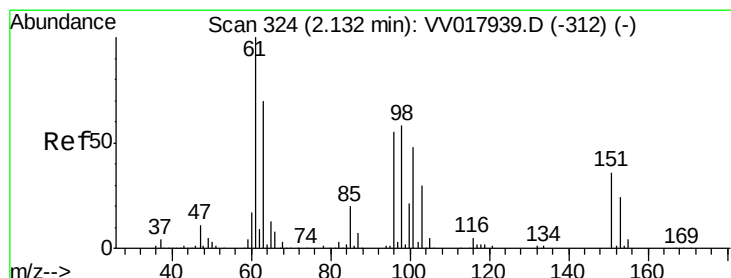
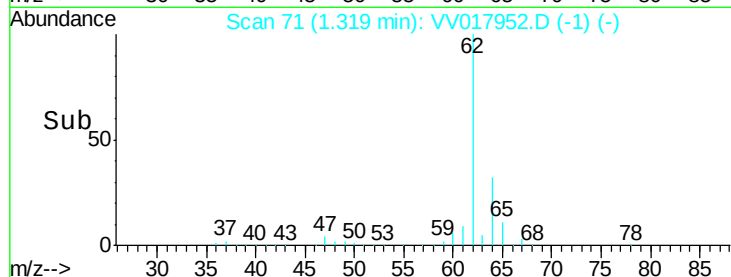
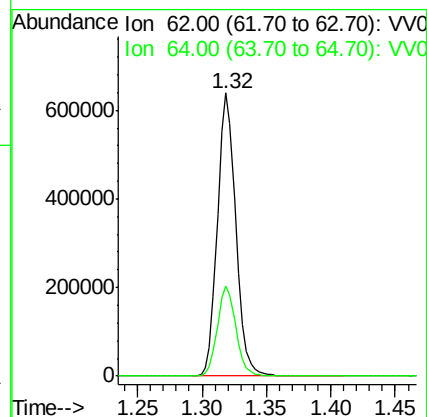
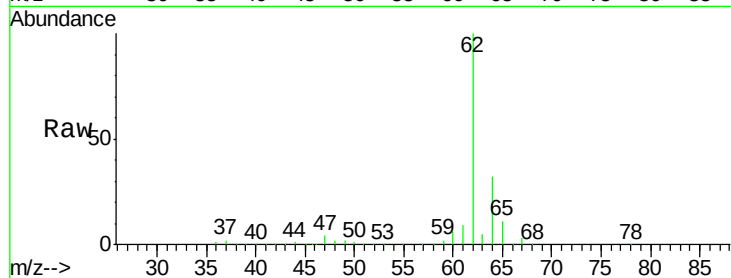
F4L35

Tot Ion: 62 Resp: 631710

Ion Ratio Lower Upper

62 100

64 32.0 22.4 41.6



#12

1,1-Dichloroethene

Concen: 3.399 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017952.D

Acq: 13 Aug 2020 02:07

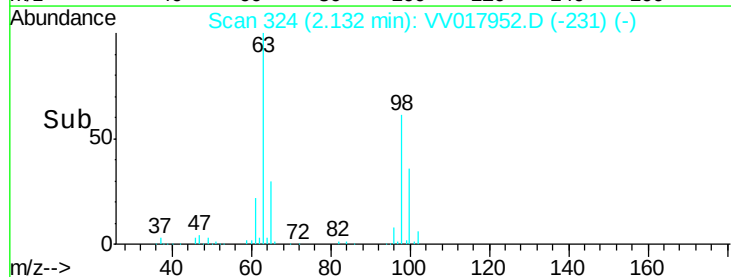
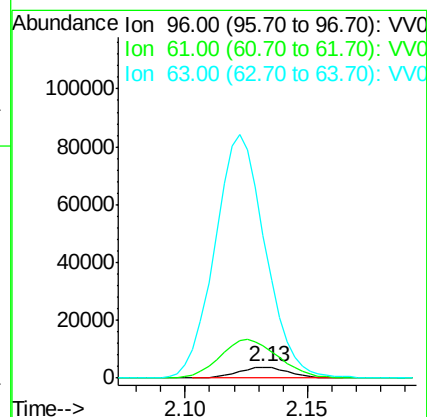
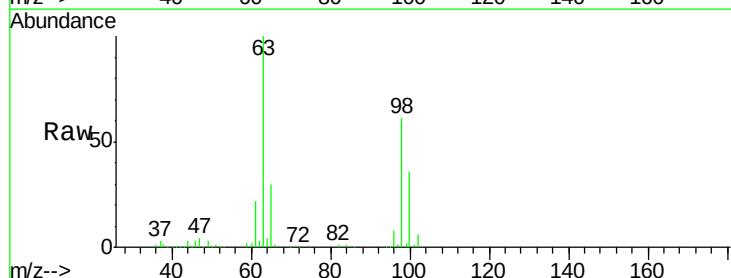
Tgt Ion: 96 Resp: 5526

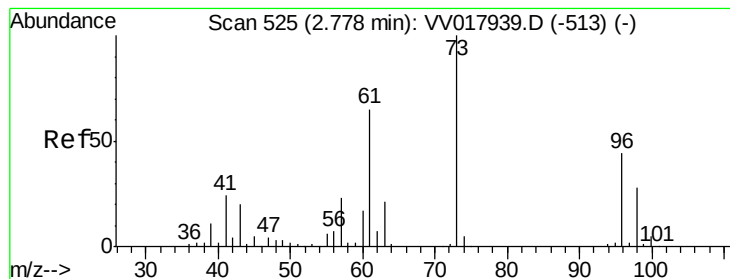
Ion Ratio Lower Upper

96 100

61 295.7 127.1 236.0#

63 1322.3 95.2 176.8#





#17

trans-1,2-Dichloroethene

Concen: 14.914 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017952.D

Acq: 13 Aug 2020 02:07

Instrument :

MSVOA_V

ClientSampled :

F4L35

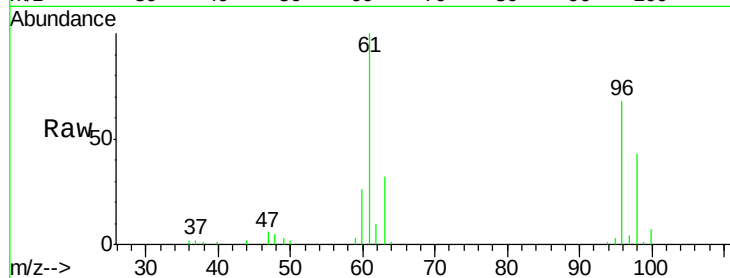
Tot Ion: 96 Resp: 24924

Ion Ratio Lower Upper

96 100

61 147.8 102.4 190.2

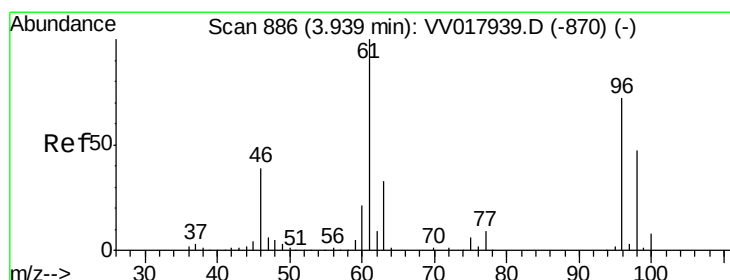
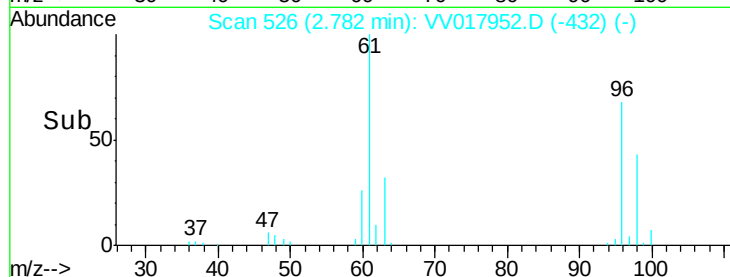
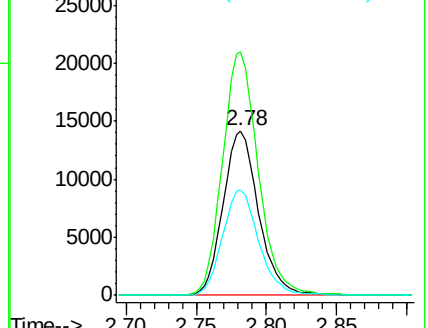
98 64.2 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 1785.515 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017952.D

Acq: 13 Aug 2020 02:07

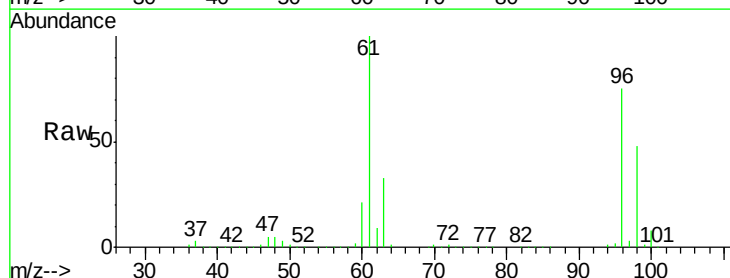
Tgt Ion: 96 Resp: 3279067

Ion Ratio Lower Upper

96 100

61 133.0 95.0 176.4

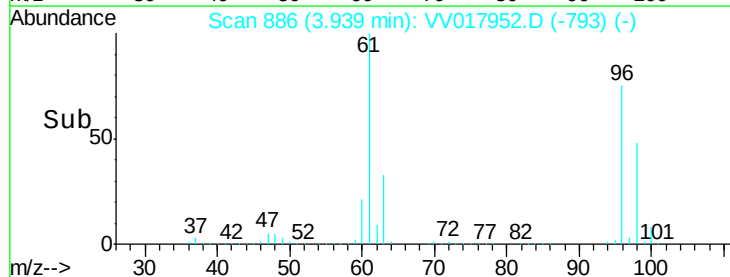
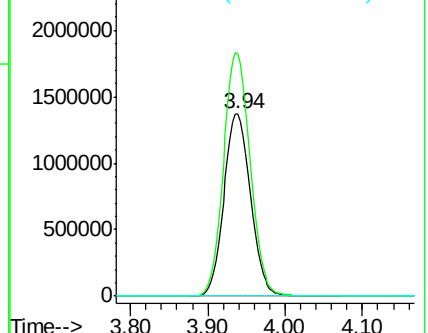
68 0.0 0.0 0.0

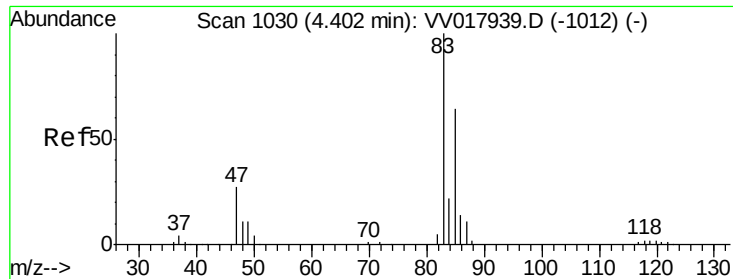


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

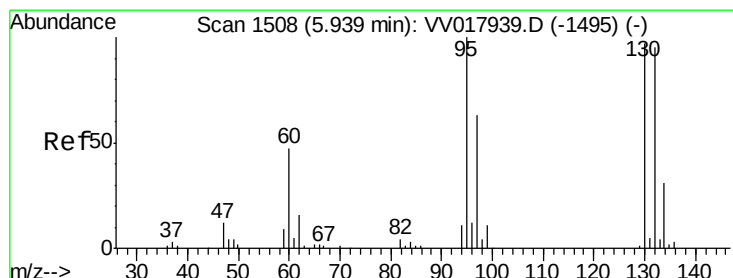
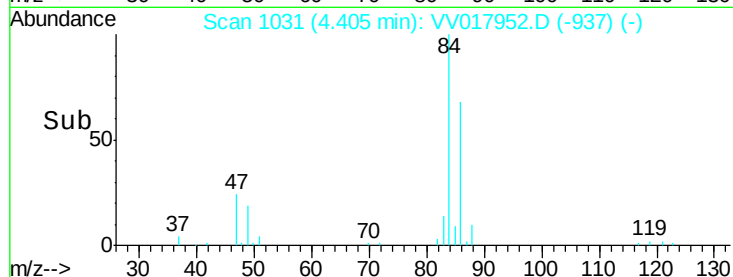
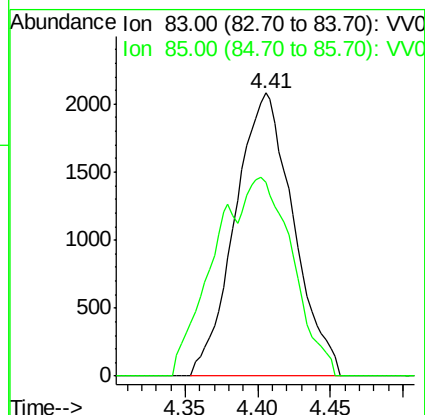
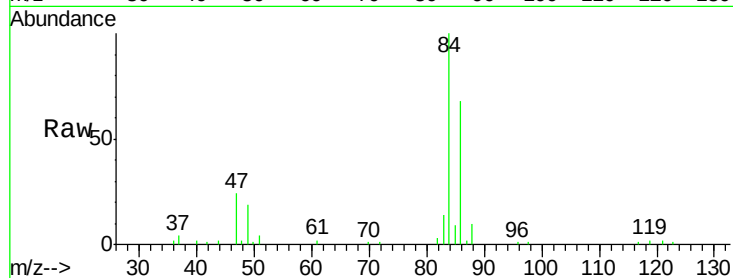




#25
Chloroform
Concen: 1.698 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017952.D
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Instrument :
MSVOA_V
ClientSampleId :
F4L35

Tot Ion: 83 Resp: 5821
Ion Ratio Lower Upper
83 100
85 68.3 45.5 84.5



#34
Trichloroethene
Concen: 64.223 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017952.D
Acq: 13 Aug 2020 02:07

Tgt Ion: 95 Resp: 125518
Ion Ratio Lower Upper
95 100
97 65.0 46.0 85.4
132 95.8 65.8 122.2
130 99.3 69.2 128.6

