

Data File : VV009753.D
Acq On : 18 Mar 2019 12:57
Operator : SY/MD
Sample : K1918-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0971

Quant Time: Mar 19 04:32:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	125976	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45111	53.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.22%
7) Chloroethane-d5	1.56	69	36634	58.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.92%
11) 1,1-Dichloroethene-d2	2.12	63	74436	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.30%
21) 2-Butanone-d5	3.93	46	56286	111.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	4.40	84	83667	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	5.08	65	52294	55.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.44%
32) Benzene-d6	5.10	84	179394	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.52%
36) 1,2-Dichloropropane-d6	6.12	67	53237	56.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.60%
41) Toluene-d8	7.36	98	168606	56.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.84%
43) trans-1,3-Dichloropropene-	7.66	79	24469	54.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.44%
47) 2-Hexanone-d5	8.13	63	41219	107.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74683	52.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	54008	57.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.70%

Target Compounds

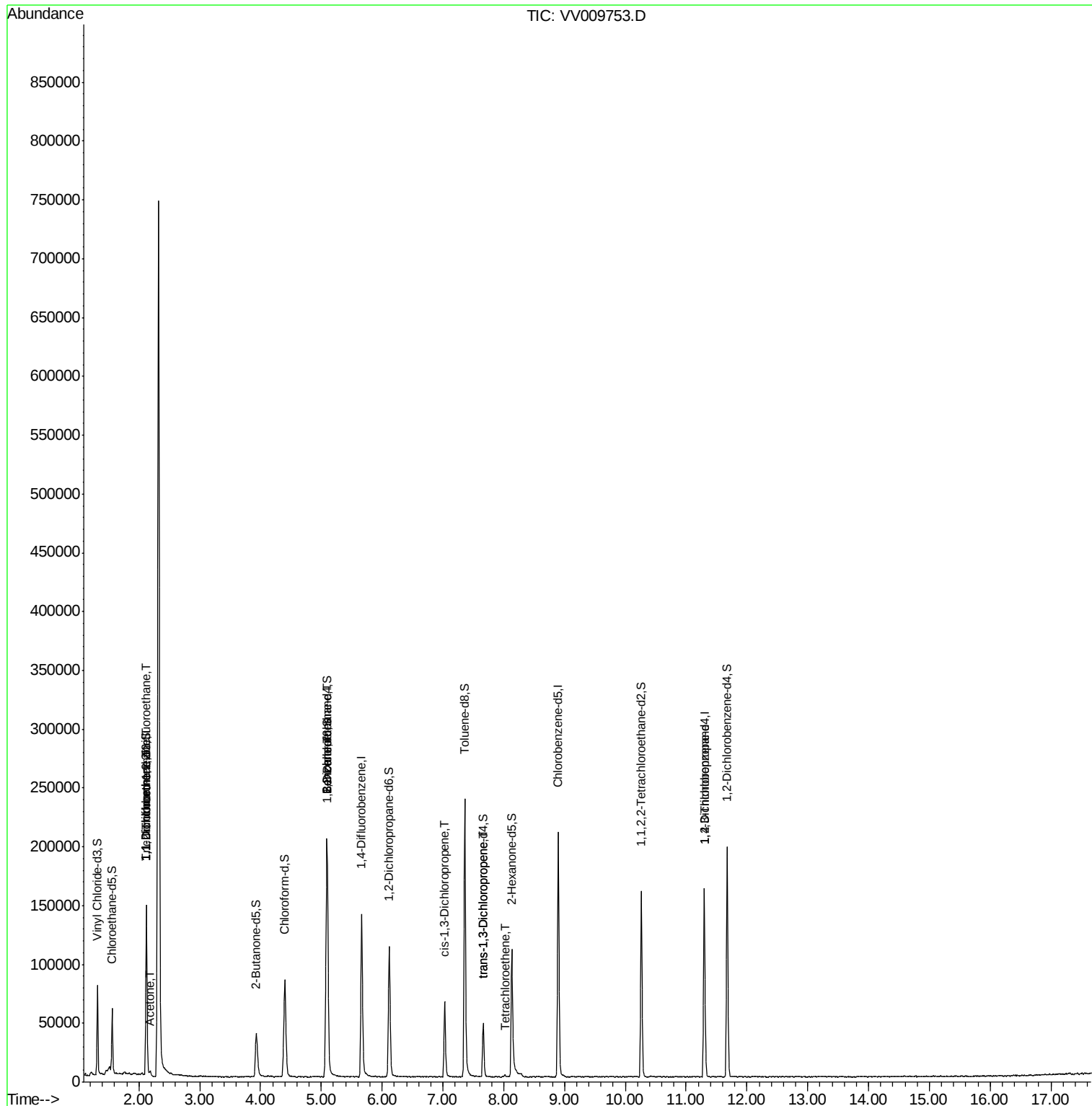
						Qvalue
9) Trichlorofluoromethane	2.13	101	606	0.387	ug/L #	17
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	606	0.699	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	595	0.792	ug/L #	1
13) Acetone	2.19	43	3042	6.348	ug/L	91
27) 1,2-Dichloroethane	5.10	62	831	0.718	ug/L #	74
33) Benzene	5.10	78	1413	0.436	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	1745	1.381	ug/L	84
44) trans-1,3-Dichloropropene	7.66	75	1125	0.940	ug/L #	79
46) Tetrachloroethene	8.02	164	475	0.673	ug/L	81
59) 1,2,3-Trichloropropane	11.29	75	5860	5.384	ug/L	92

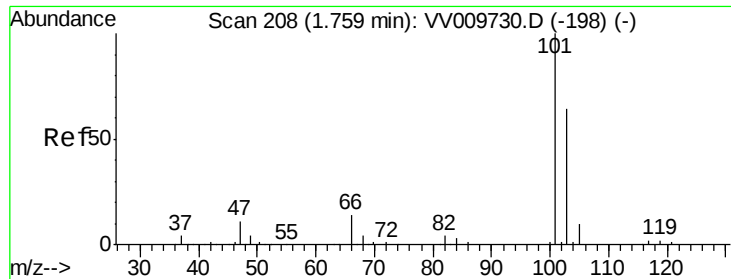
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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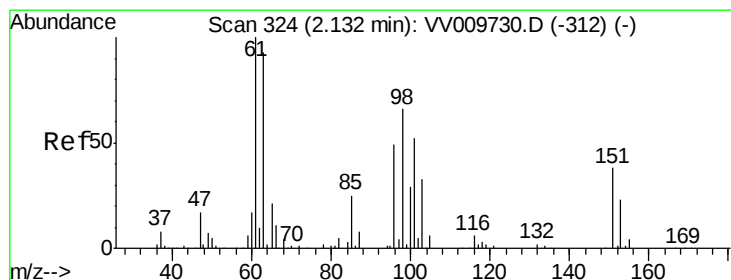
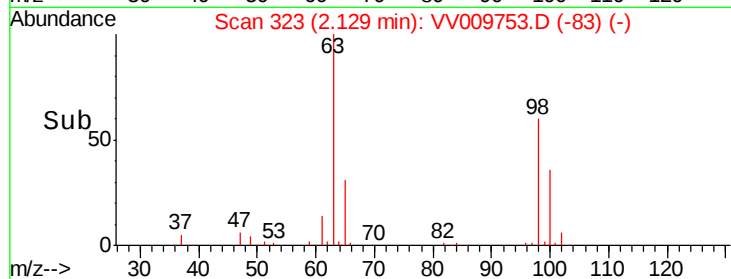
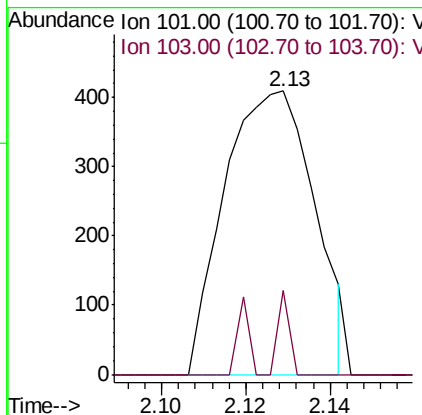
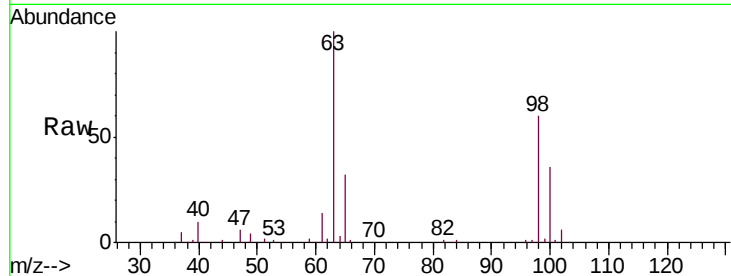


#9

Trichlorofluoromethane
Concen: 0.387 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV009753.D
Acq: 18 Mar 2019 12:57

Instrument :
MSVOA_V
ClientSampleId :
C0971

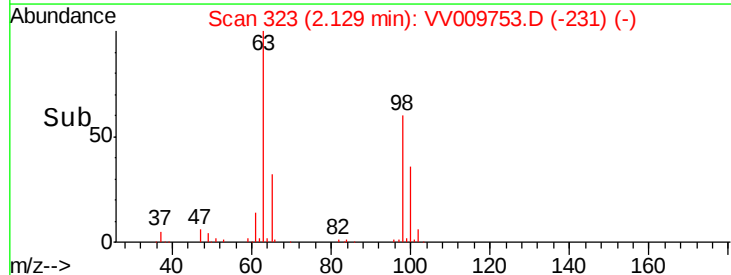
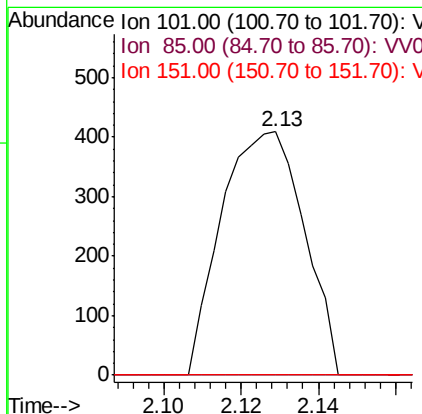
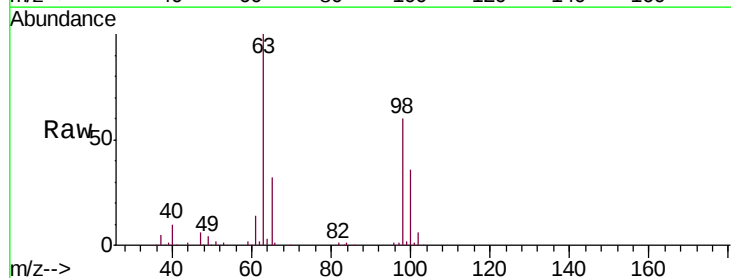
Tgt Ion:101 Resp: 606
Ion Ratio Lower Upper
101 100
103 0.0 52.3 78.5#

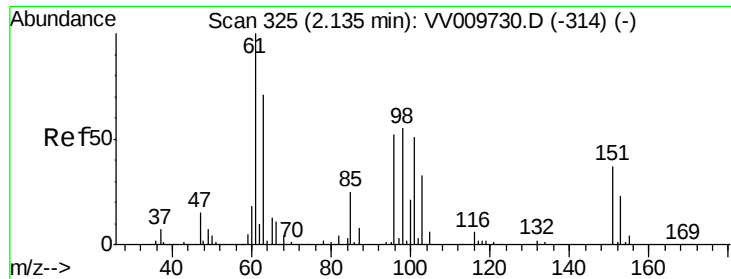


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.699 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV009753.D
Acq: 18 Mar 2019 12:57

Tgt Ion:101 Resp: 606
Ion Ratio Lower Upper
101 100
85 0.0 38.5 57.7#
151 0.0 58.9 88.3#





#12

1,1-Dichloroethene

Concen: 0.792 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009753.D

Acq: 18 Mar 2019 12:57

Instrument :

MSVOA_V

ClientSampleId :

C0971

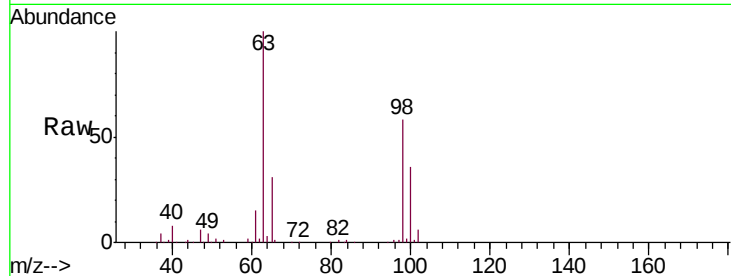
Tgt Ion: 96 Resp: 595

Ion Ratio Lower Upper

96 100

61 1647.0 135.5 251.7#

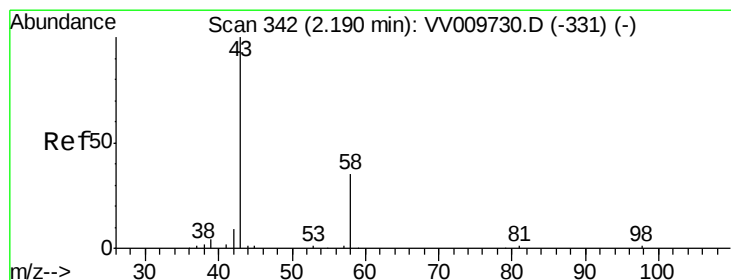
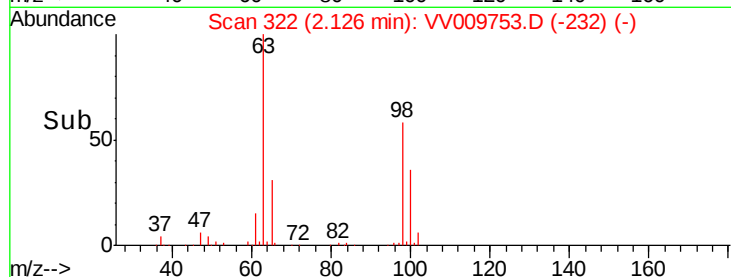
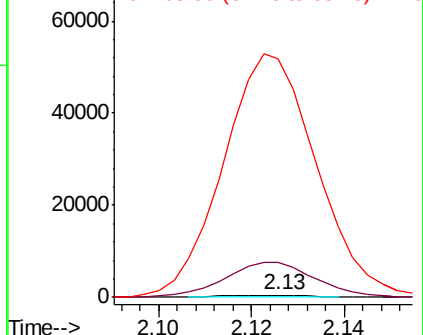
63 11310.3 100.2 186.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 6.348 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV009753.D

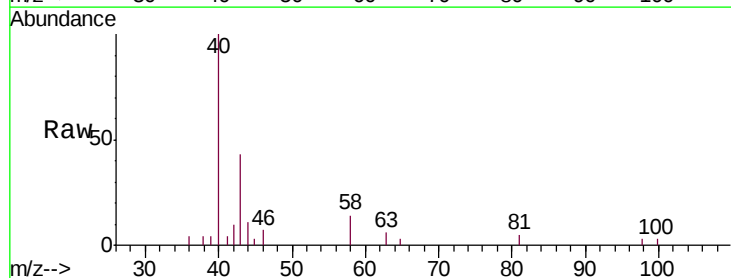
Acq: 18 Mar 2019 12:57

Tgt Ion: 43 Resp: 3042

Ion Ratio Lower Upper

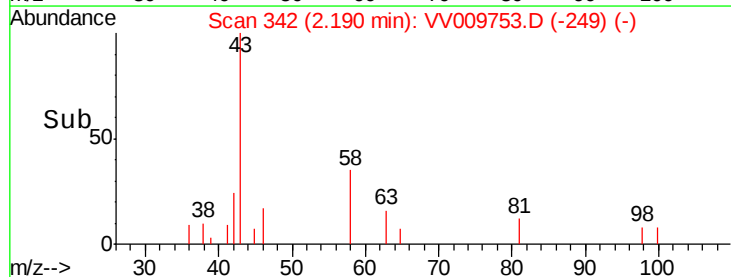
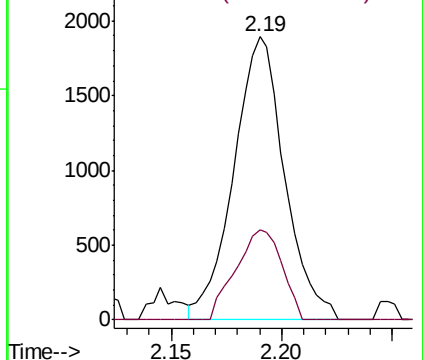
43 100

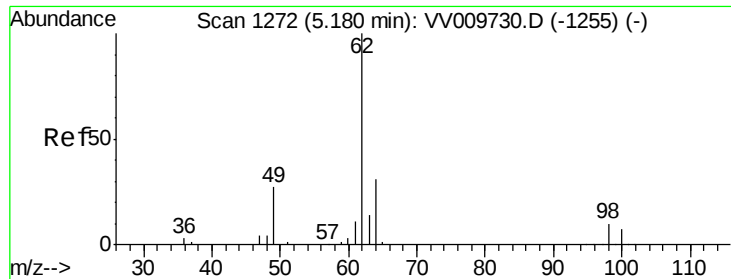
58 28.9 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

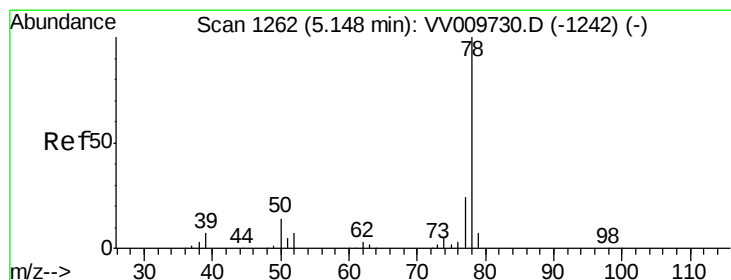
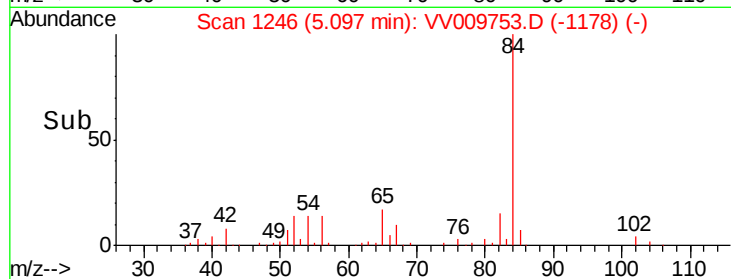
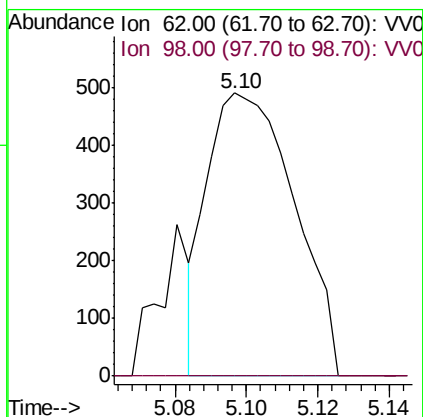
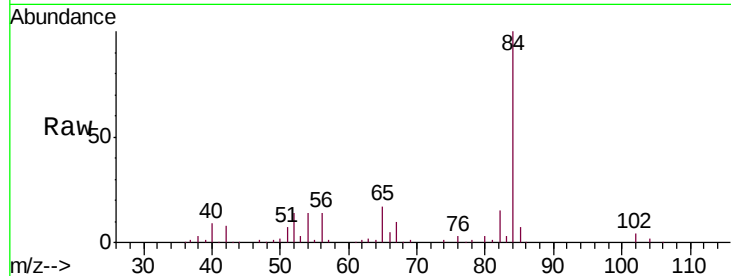




#27
 1,2-Dichloroethane
 Concen: 0.718 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009753.D
 Acq: 18 Mar 2019 12:57

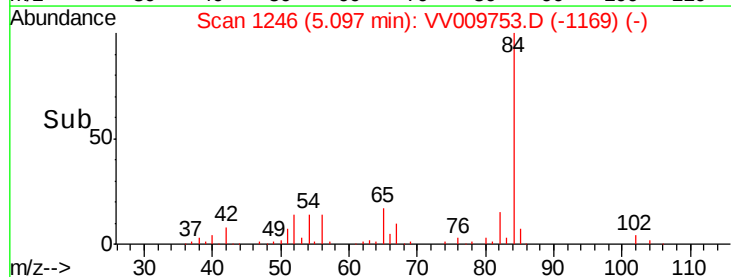
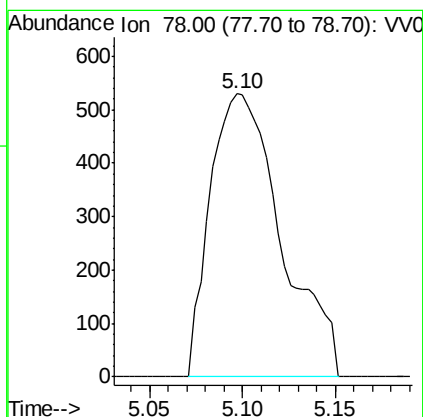
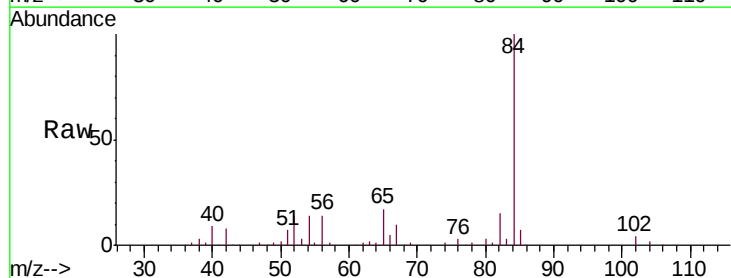
Instrument :
 MSVOA_V
 ClientSampled :
 C0971

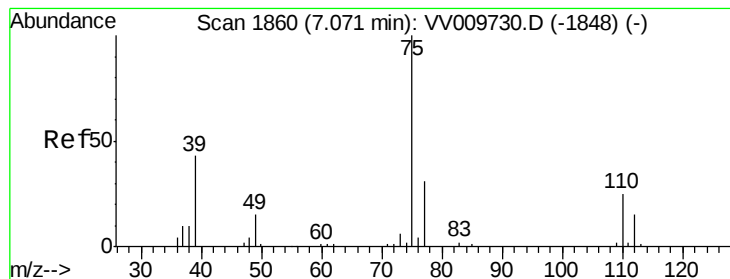
Tgt Ion: 62 Resp: 831
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#33
 Benzene
 Concen: 0.436 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: VV009753.D
 Acq: 18 Mar 2019 12:57

Tgt Ion: 78 Resp: 1413



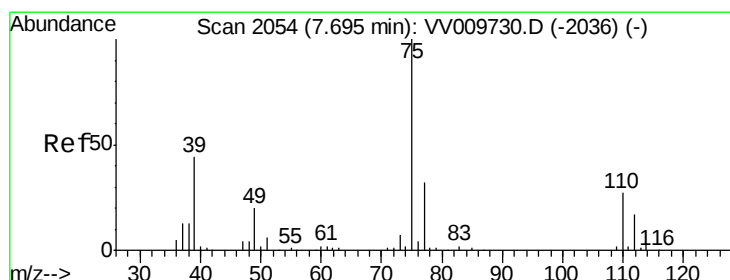
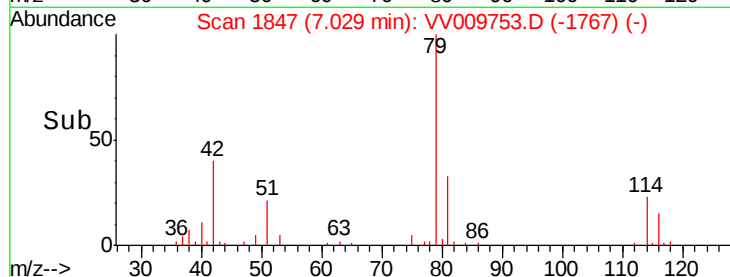
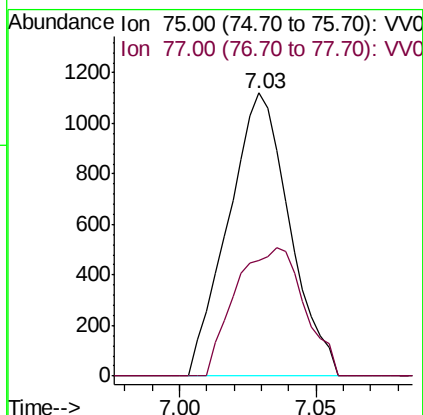
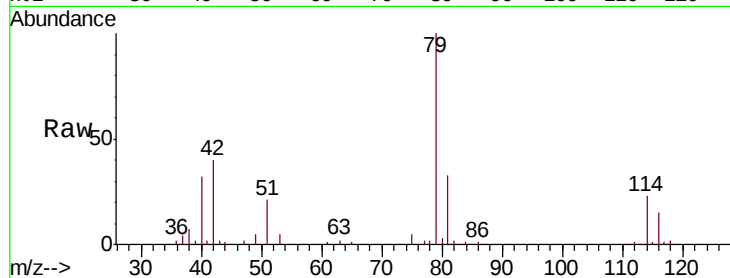


#39

cis-1,3-Dichloropropene
Concen: 1.381 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009753.D
Acq: 18 Mar 2019 12:57

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ClientSampleId :
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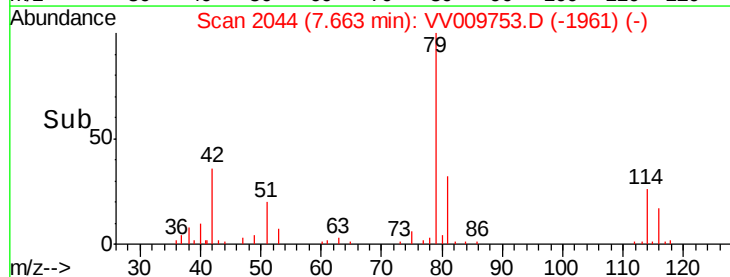
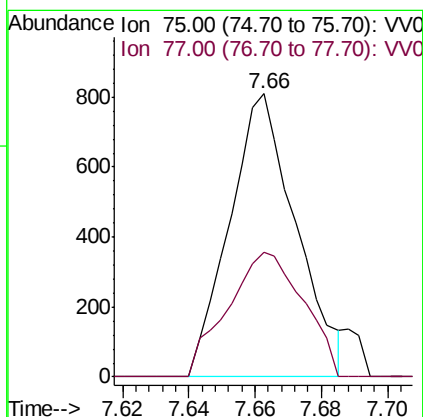
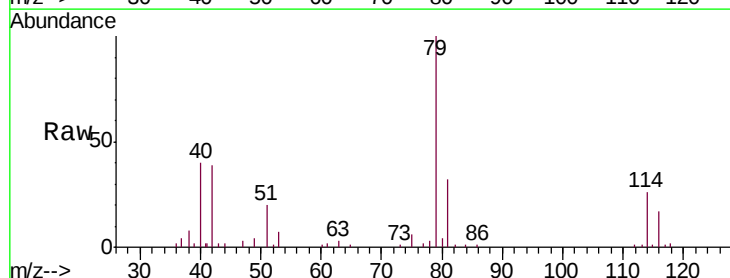
Tgt Ion: 75 Resp: 1745
Ion Ratio Lower Upper
75 100
77 40.7 22.4 41.6

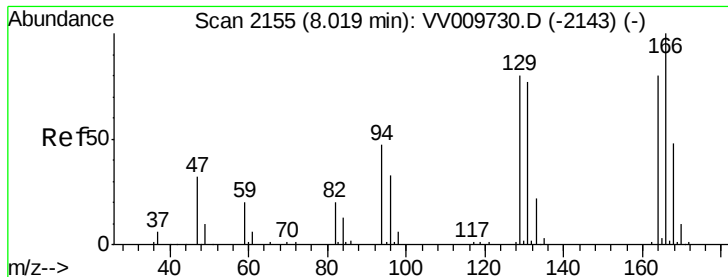


#44

trans-1,3-Dichloropropene
Concen: 0.940 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009753.D
Acq: 18 Mar 2019 12:57

Tgt Ion: 75 Resp: 1125
Ion Ratio Lower Upper
75 100
77 43.9 22.5 41.7#

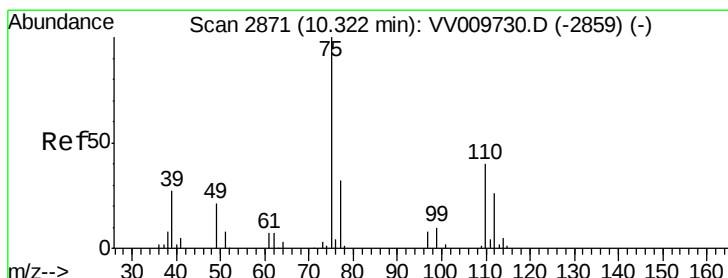
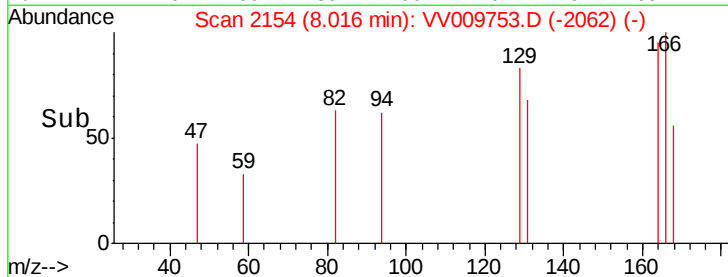
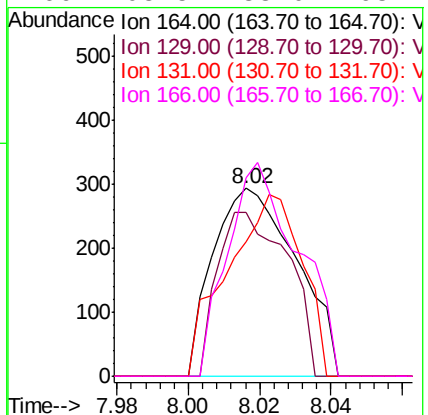
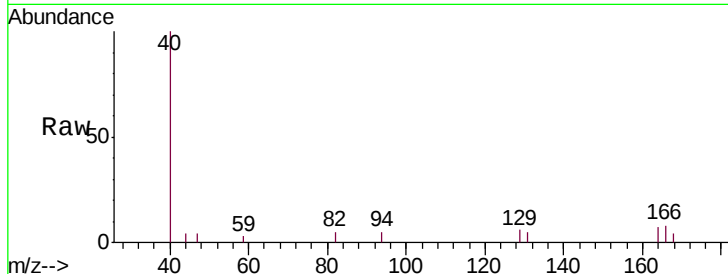




#46
Tetrachloroethene
Concen: 0.673 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009753.D
Acq: 18 Mar 2019 12:57

Instrument :
MSVOA_V
ClientSampled :
C0971

Tgt Ion: 164 Resp: 475
Ion Ratio Lower Upper
164 100
129 87.0 70.0 130.0
131 71.7 67.5 125.4
166 105.5 88.0 163.4



#59
1,2,3-Trichloropropane
Concen: 5.384 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV009753.D
Acq: 18 Mar 2019 12:57

Tgt Ion: 75 Resp: 5860
Ion Ratio Lower Upper
75 100
77 37.5 26.2 39.4

