

Data File : VV014311.D
Acq On : 15 Jan 2020 14:16
Operator : SY/MD
Sample : K6467-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
X2K71

Quant Time: Jan 16 03:05:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 16 03:02:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	927031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	849697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	391682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	290766	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	237348	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	378982	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.96	46	681865	48.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.40	84	592810	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	275004	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.09	84	1202187	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.11	67	376460	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.35	98	1068456	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	152800	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.13	63	599233	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	243644	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	338545	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	236718	3.238 ug/L	99
5) Vinyl chloride	1.33	62	235670	3.630 ug/L	99
8) Chloroethane	1.60	64	453347	13.384 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	455926	10.745 ug/L	100
12) 1,1-Dichloroethene	2.14	96	86749	2.181 ug/L #	64
13) Acetone	2.23	43	477418	50.872 ug/L #	57
15) Methyl Acetate	2.47	43	265457	12.727 ug/L	92
16) Methylene chloride	2.54	84	64522	0.797 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	158384	2.534 ug/L	96
19) 1,1-Dichloroethane	3.23	63	236287	2.024 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	261963	3.946 ug/L #	96
23) Bromochloromethane	4.30	128	124239	4.967 ug/L	93
25) Chloroform	4.42	83	897247	7.905 ug/L	100
27) 1,2-Dichloroethane	5.18	62	128658	1.991 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	199405	2.018 ug/L	99
31) Carbon tetrachloride	4.87	117	247524	2.908 ug/L	98
34) Trichloroethene	5.96	95	147886	2.217 ug/L	98

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.11	83	85855	0.727	ug/L #	17
39) cis-1,3-Dichloropropene	7.06	75	491288	4.951	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2302256	61.060	ug/L	100
42) Toluene	7.43	91	25555	0.093	ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	203634	2.674	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	81003	2.033	ug/L	97
47) Tetrachloroethene	8.01	164	139931	3.042	ug/L	98
48) 2-Hexanone	8.13	43	73794	2.858	ug/L #	75
49) Dibromochloromethane	8.01	129	130898	2.668	ug/L #	10
50) 1,2-Dibromoethane	8.39	107	189639	5.106	ug/L	98
51) Chlorobenzene	8.92	112	978970	5.846	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	81056	1.655	ug/L	95
59) Bromoform	9.77	173	73424	3.055	ug/L	96
60) Isopropylbenzene	10.95	105	1167892	4.015	ug/L #	74
61) 1,2,3-Trichloropropane	10.95	75	10817	0.307	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.95	105	1167892	4.757	ug/L	96
63) 1,2,4-Trimethylbenzene	10.95	105	1167892	4.782	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	377870	3.131	ug/L	96
65) 1,4-Dichlorobenzene	11.31	146	256087	2.092	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.68	75	93332	10.482	ug/L #	8
69) 1,3,5-Trichlorobenzene	12.68	180	453934	5.133	ug/L	99
70) 1,2,4-trichlorobenzene	13.30	180	390489	5.234	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	208395	3.240	ug/L	97

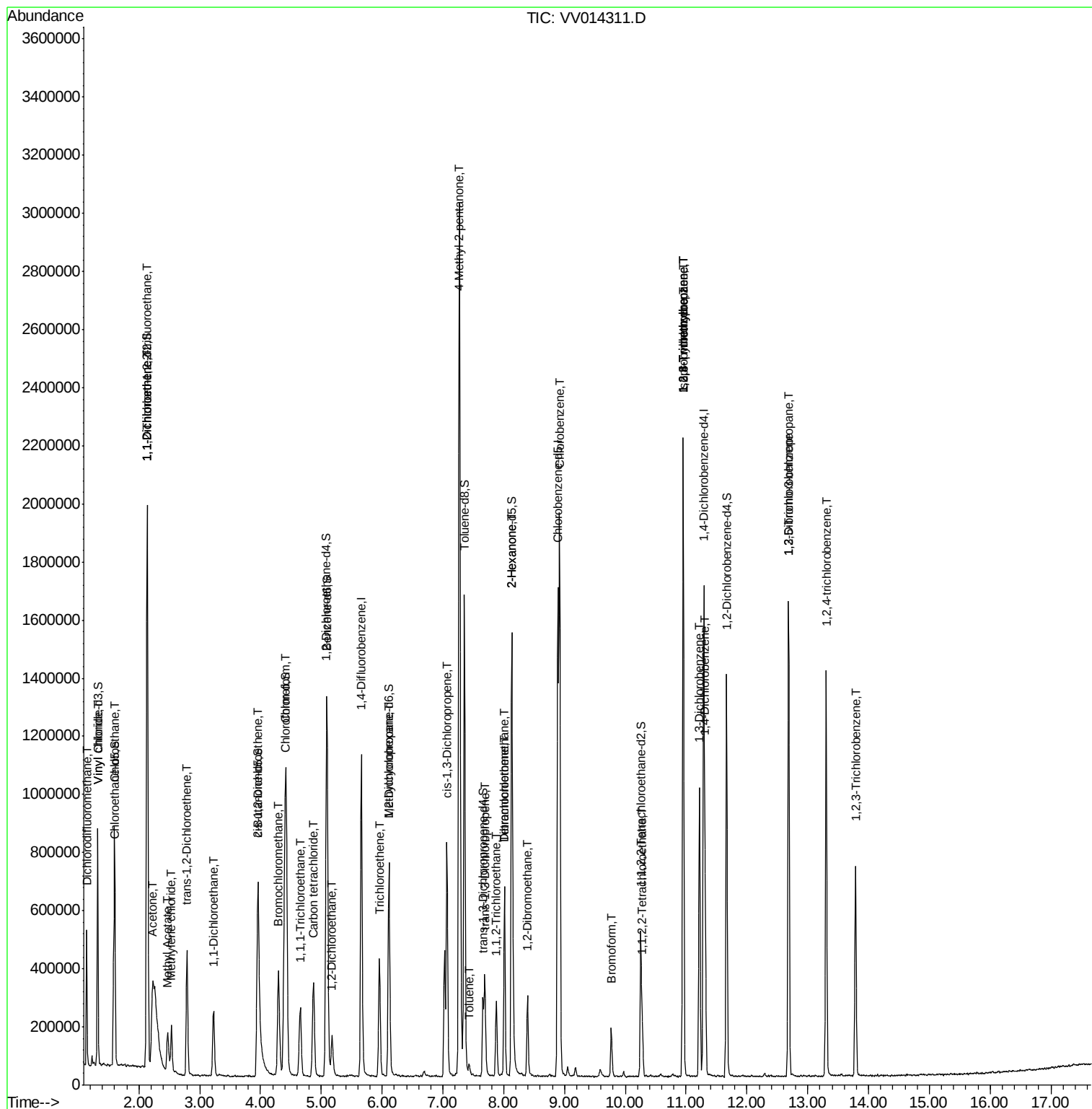
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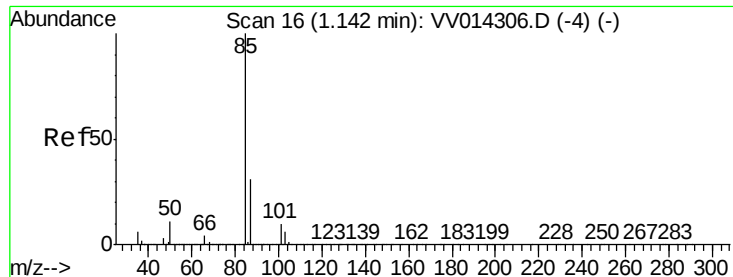
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#2

Dichlorodifluoromethane

Concen: 3.238 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

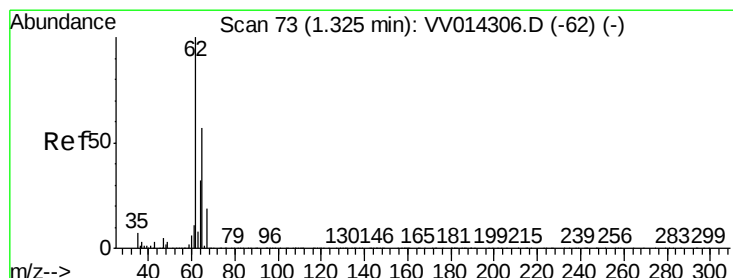
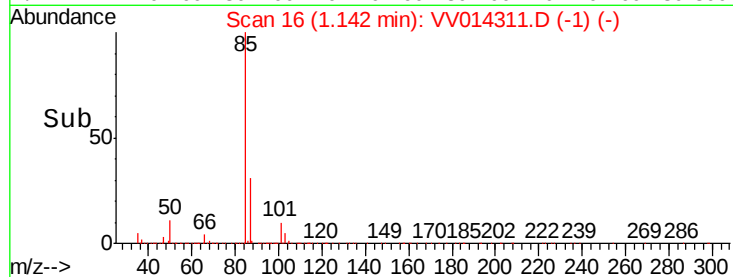
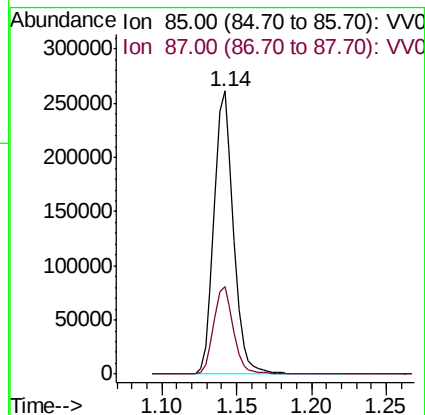
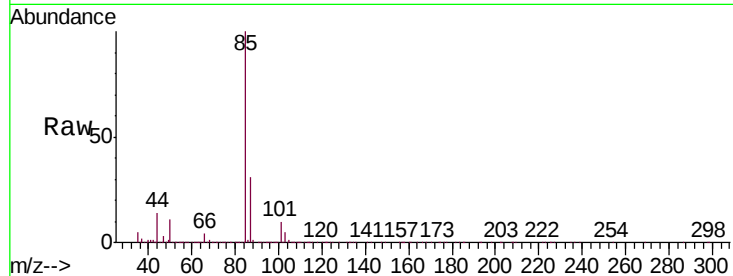
X2K71

Tgt Ion: 85 Resp: 236718

Ion Ratio Lower Upper

85 100

87 31.5 24.9 37.3



#5

Vinyl chloride

Concen: 3.630 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014311.D

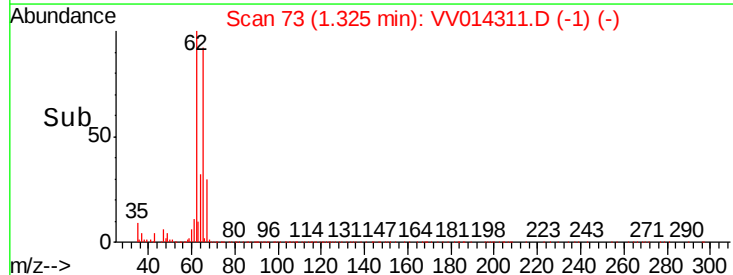
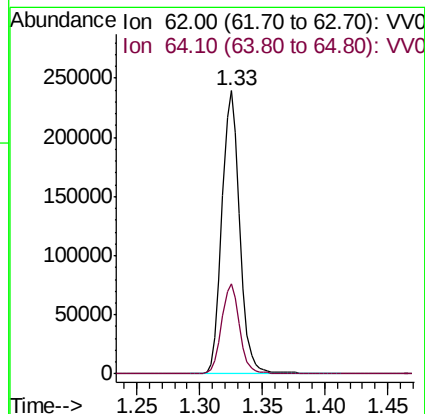
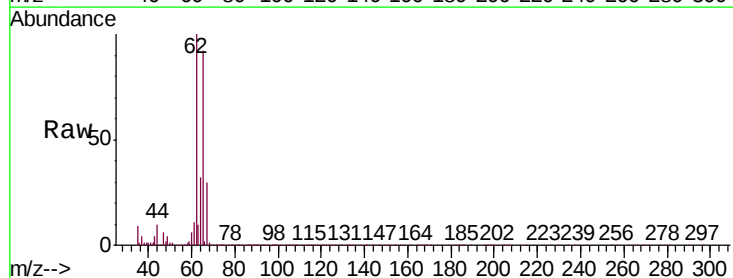
Acq: 15 Jan 2020 14:16

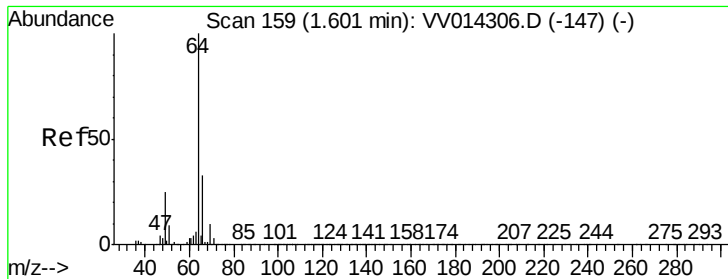
Tgt Ion: 62 Resp: 235670

Ion Ratio Lower Upper

62 100

64 31.7 22.6 42.0





#8

Chloroethane

Concen: 13.384 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

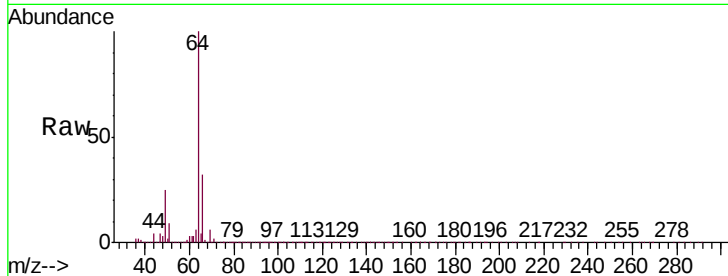
X2K71

Tgt Ion: 64 Resp: 453347

Ion Ratio Lower Upper

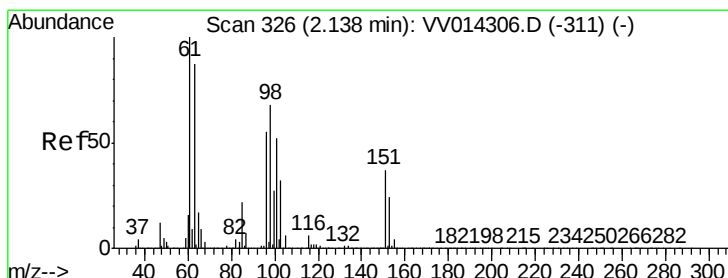
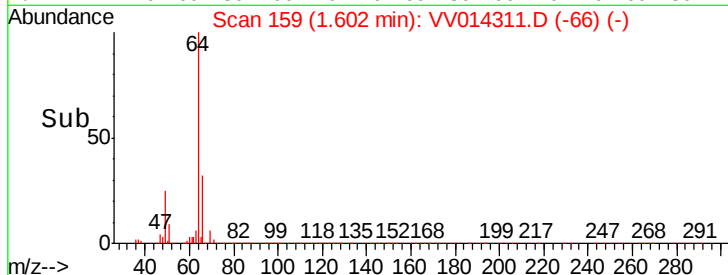
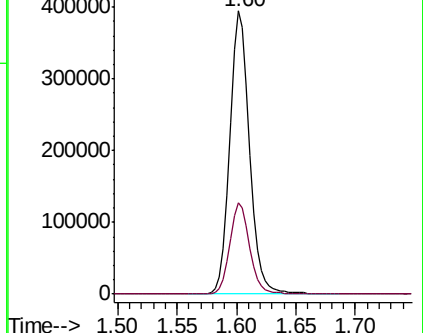
64 100

66 32.1 23.0 42.8



Abundance Ion 64.10 (63.80 to 64.80): VV014311.D (-66) (-)

Ion 66.05 (65.75 to 66.75): VV014311.D (-66) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.745 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

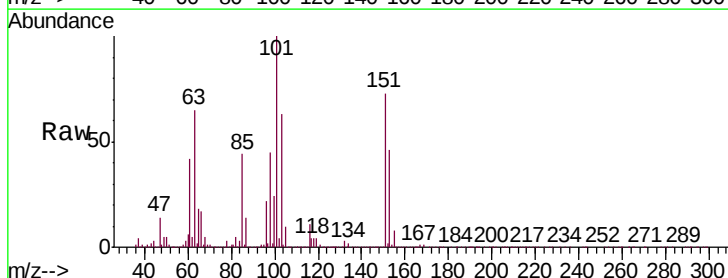
Tgt Ion: 101 Resp: 455926

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

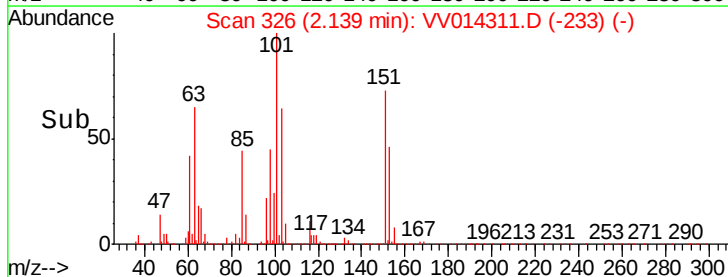
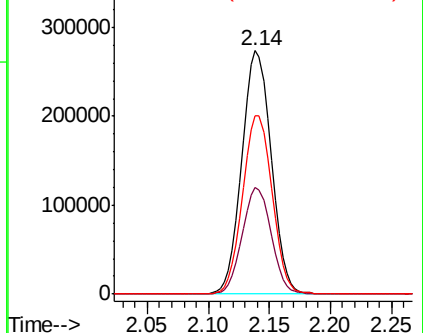
151 73.9 58.7 88.1

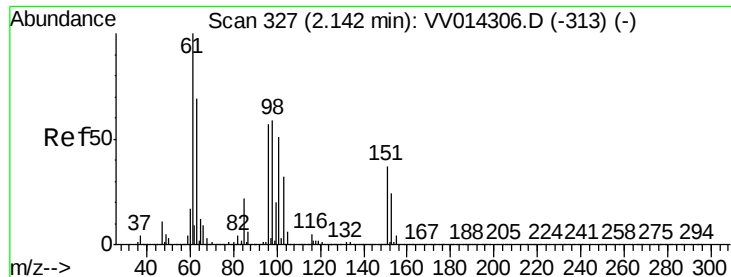


Abundance Ion 101.00 (100.70 to 101.70): VV014311.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV014311.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV014311.D (-233) (-)

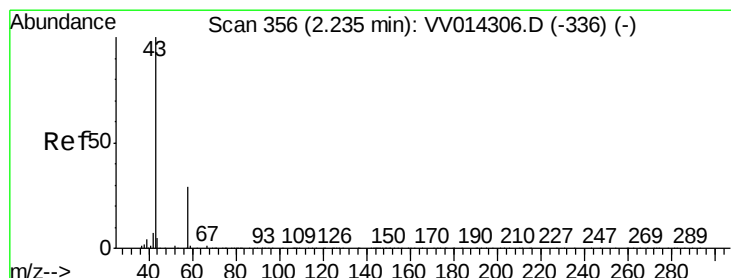
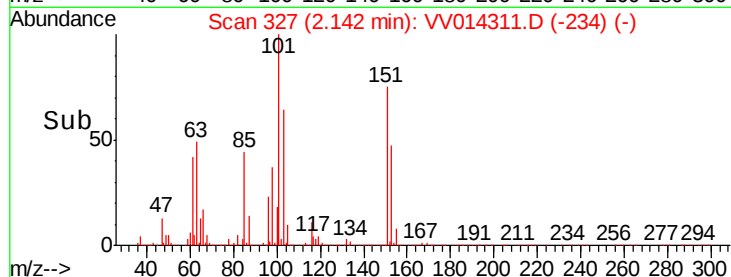
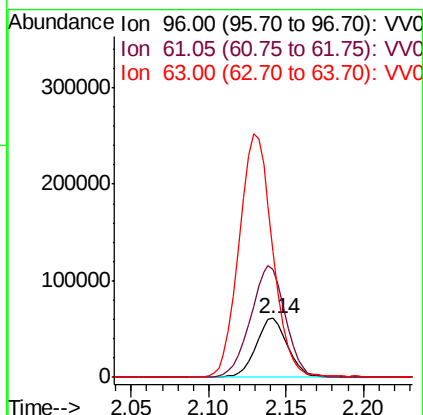
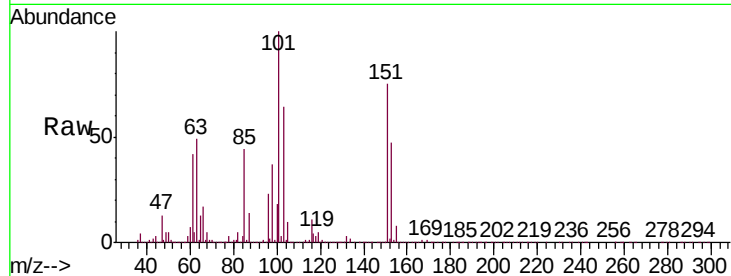




#12
 1,1-Dichloroethene
 Concen: 2.181 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

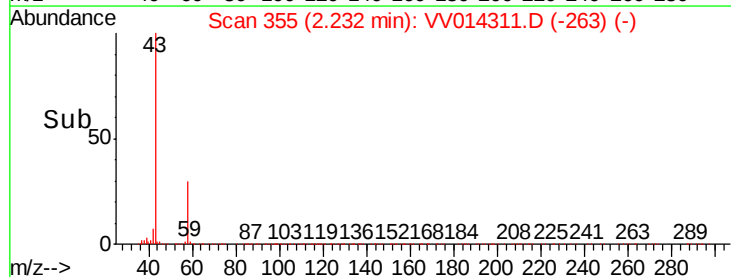
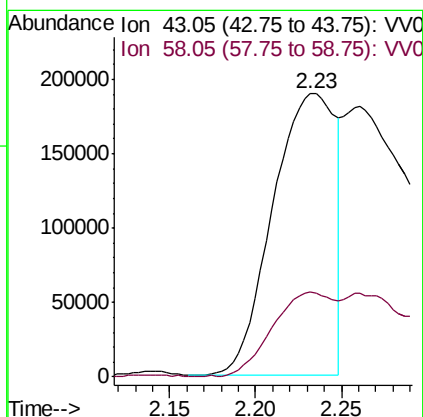
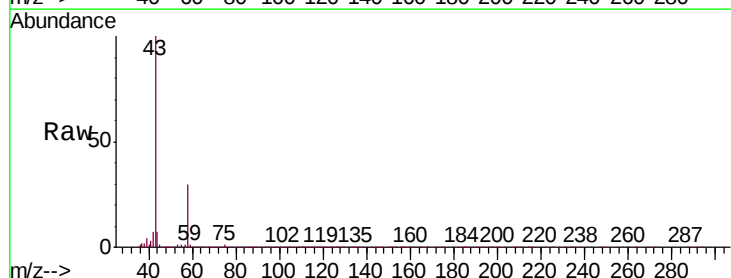
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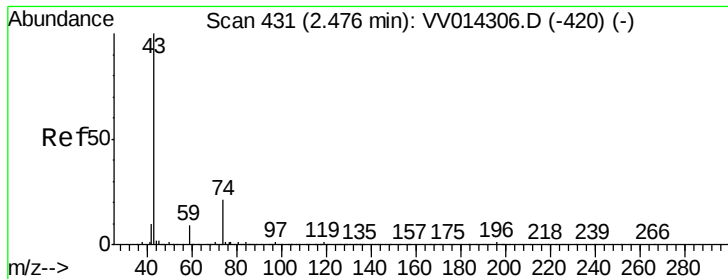
Tgt Ion: 96 Resp: 86749
 Ion Ratio Lower Upper
 96 100
 61 182.9 123.2 228.8
 63 214.3 85.6 159.0#



#13
 Acetone
 Concen: 50.872 ug/L
 RT: 2.23 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion: 43 Resp: 477418
 Ion Ratio Lower Upper
 43 100
 58 29.9 0.0 25.8#

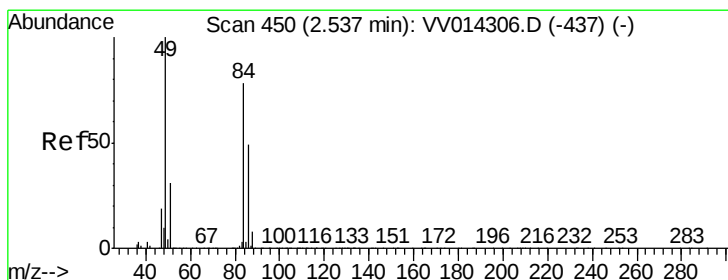
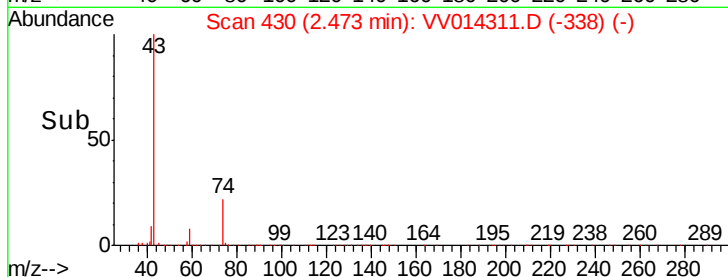
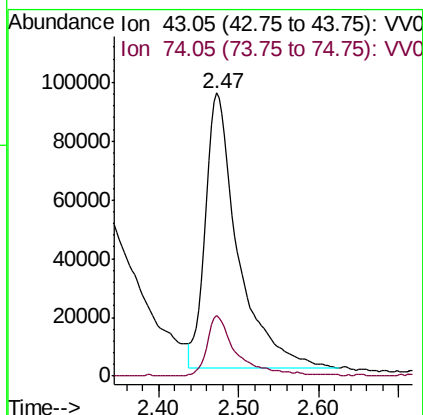
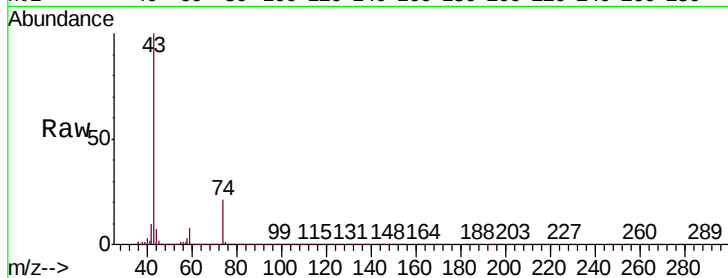




#15
Methyl Acetate
Concen: 12.727 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

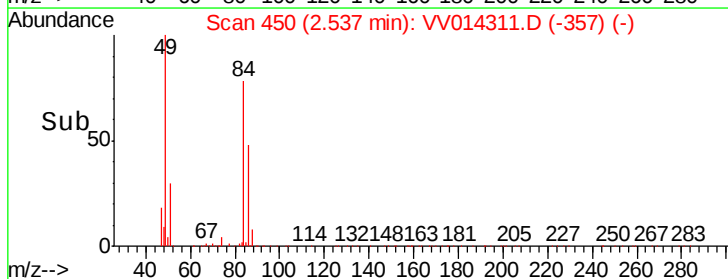
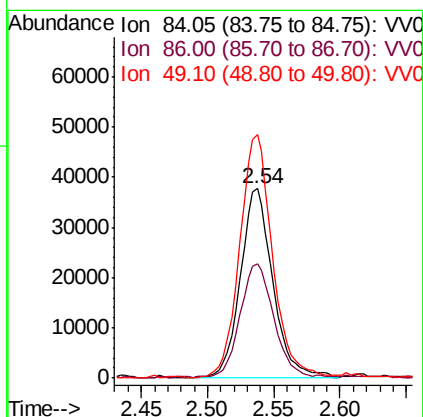
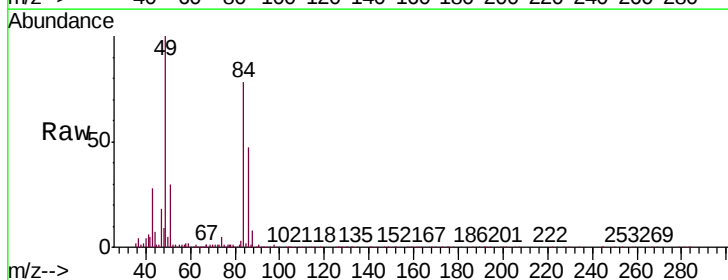
Instrument :
MSVOA_V
ClientSampled :
X2K71

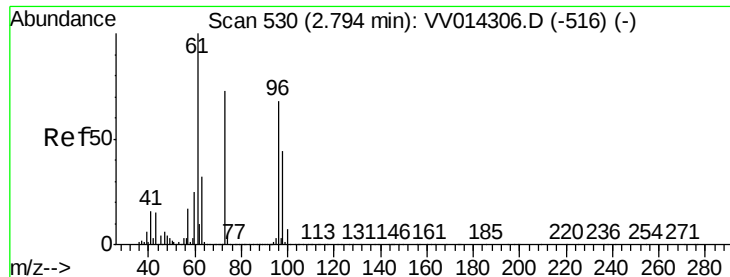
Tgt Ion: 43 Resp: 265457
Ion Ratio Lower Upper
43 100
74 19.2 18.6 28.0



#16
Methylene chloride
Concen: 0.797 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion: 84 Resp: 64522
Ion Ratio Lower Upper
84 100
86 60.5 44.4 82.4
49 128.3 90.2 167.6





#18

trans-1,2-Dichloroethene

Concen: 2.534 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

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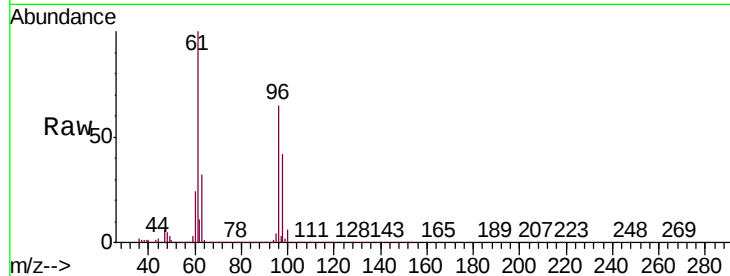
Tgt Ion: 96 Resp: 158384

Ion Ratio Lower Upper

96 100

61 154.4 102.9 191.1

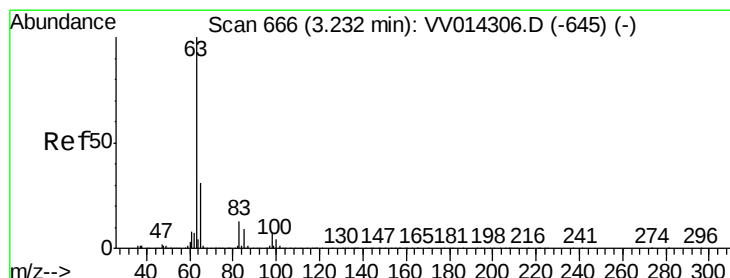
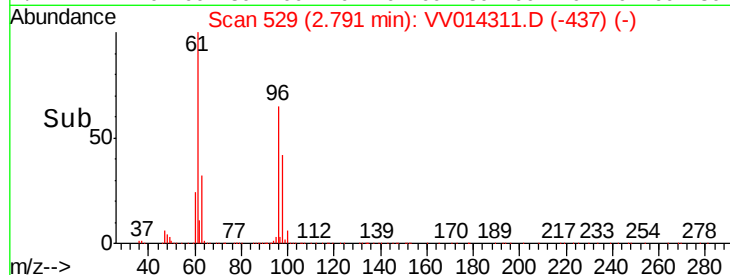
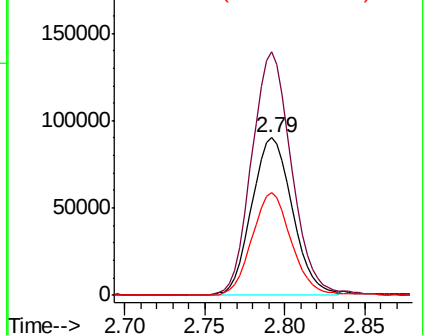
98 65.6 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 2.024 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

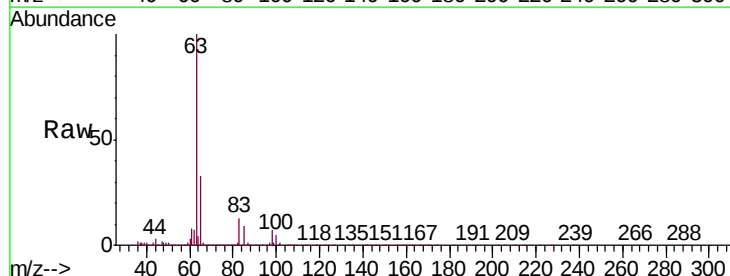
Tgt Ion: 63 Resp: 236287

Ion Ratio Lower Upper

63 100

65 33.3 21.6 40.0

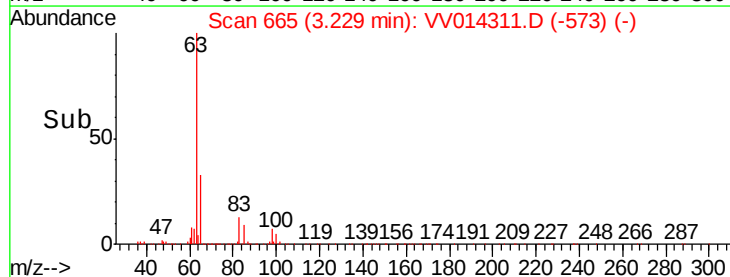
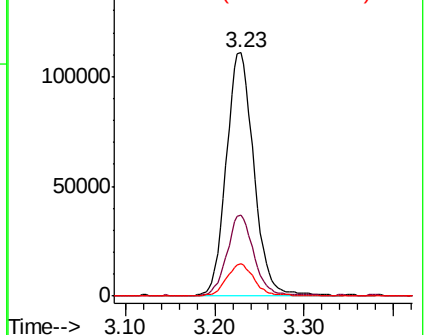
83 13.2 9.0 16.8

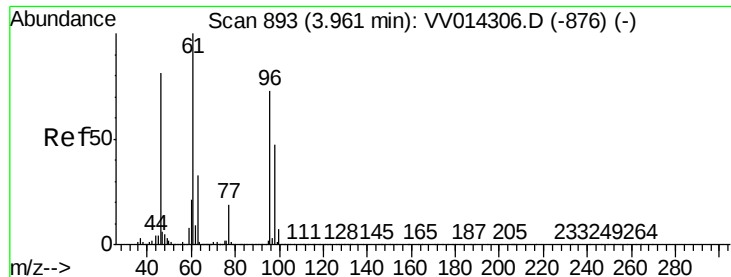


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



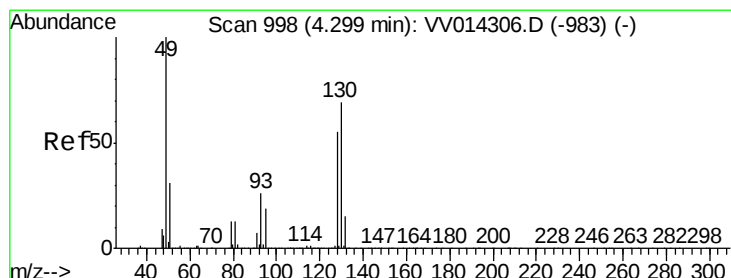
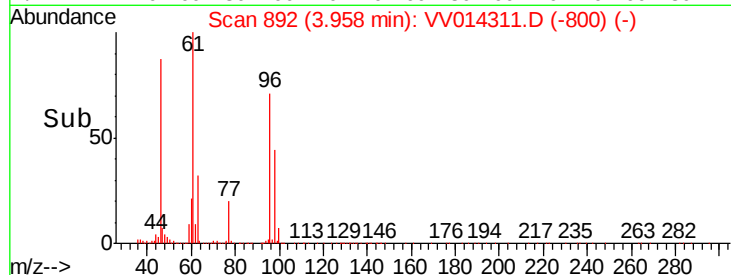
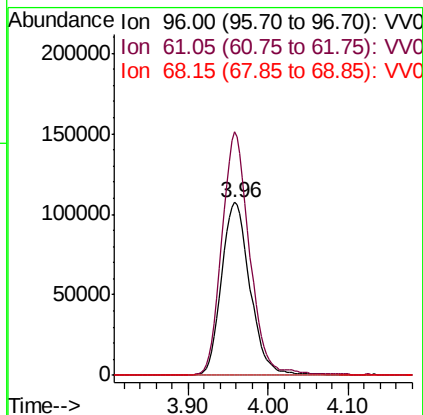
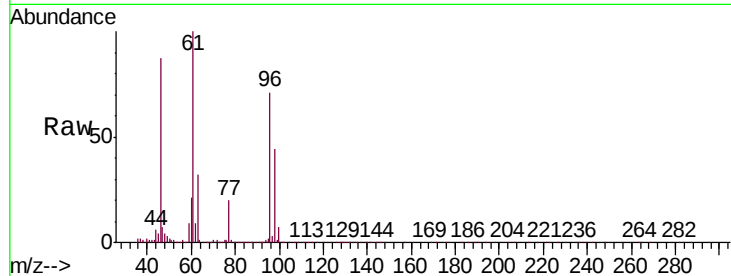


#22

cis-1,2-Dichloroethene
 Concen: 3.946 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

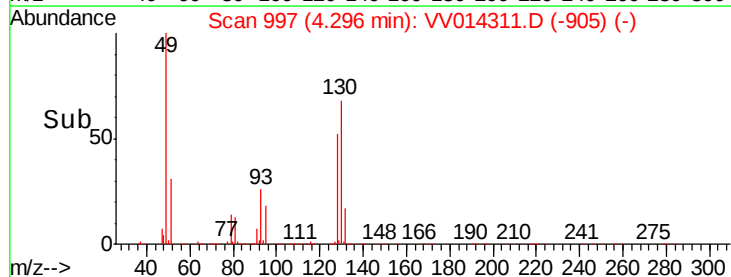
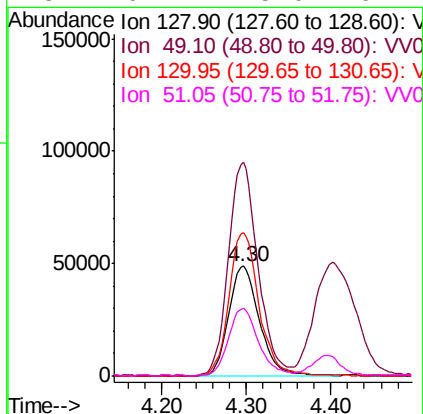
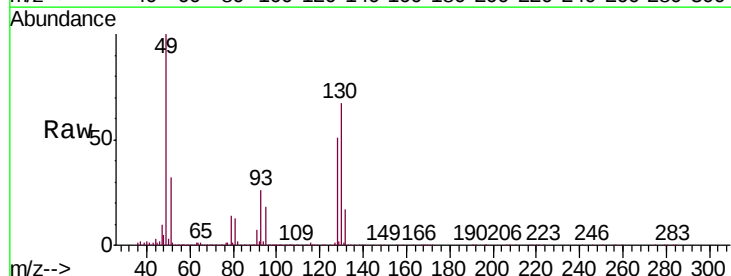
Tgt Ion: 96 Resp: 261963
 Ion Ratio Lower Upper
 96 100
 61 140.6 95.5 177.3
 68 0.1 0.1 0.3#

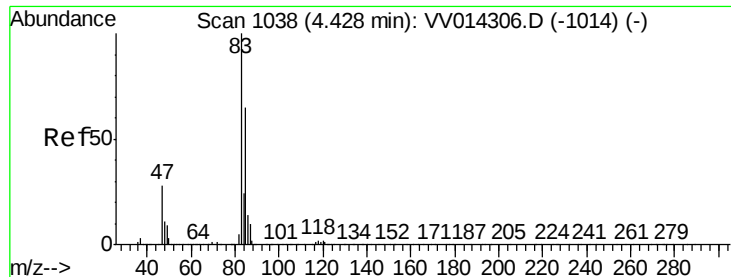


#23

Bromochloromethane
 Concen: 4.967 ug/L
 RT: 4.30 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion: 128 Resp: 124239
 Ion Ratio Lower Upper
 128 100
 49 194.3 127.5 236.7
 130 130.1 87.5 162.5
 51 61.4 45.0 67.4





#25

Chloroform

Concen: 7.905 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

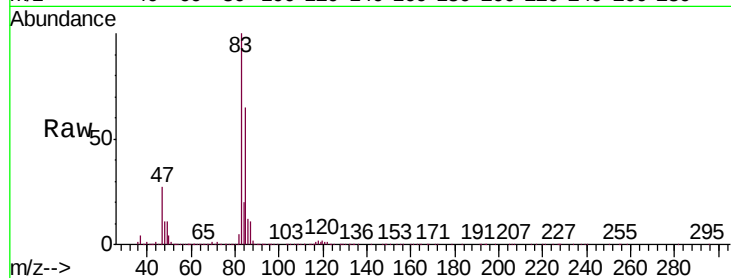
X2K71

Tgt Ion: 83 Resp: 897247

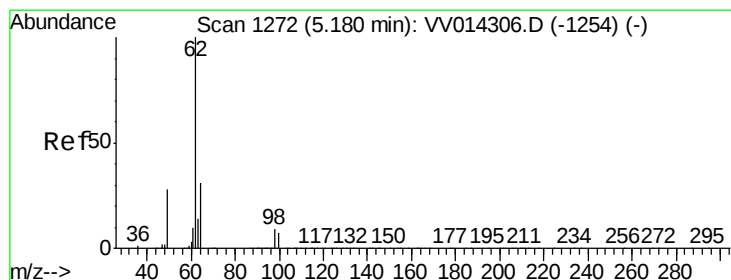
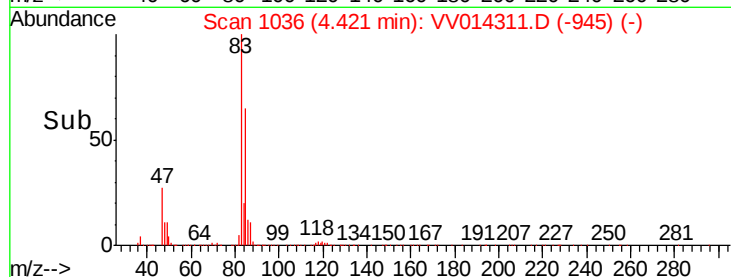
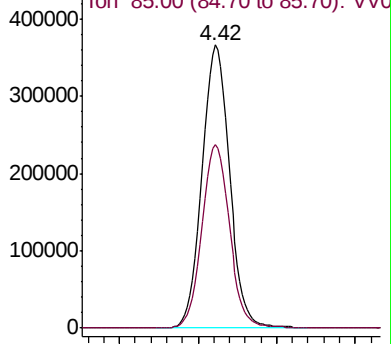
Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



Abundance Ion 83.05 (82.75 to 83.75): VV014311.D (-945) (-)



#27

1,2-Dichloroethane

Concen: 1.991 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV014311.D

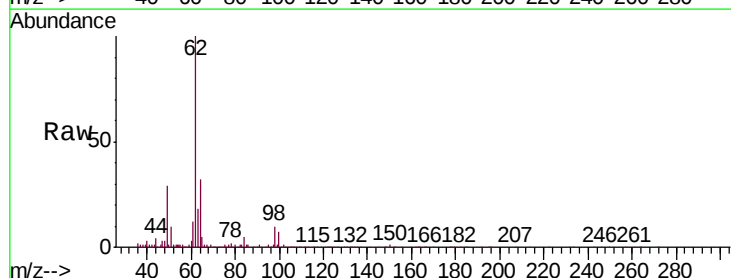
Acq: 15 Jan 2020 14:16

Tgt Ion: 62 Resp: 128658

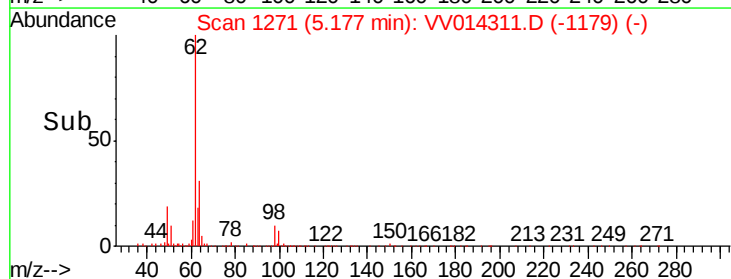
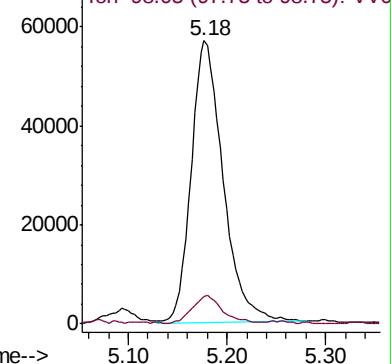
Ion Ratio Lower Upper

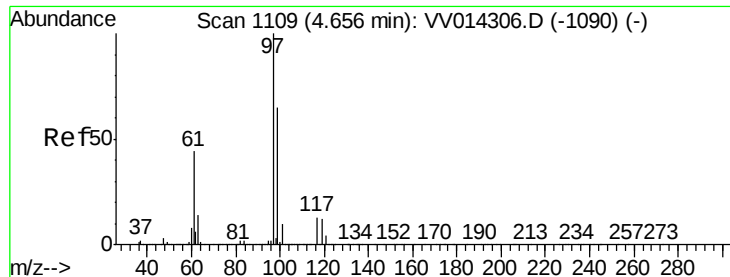
62 100

98 9.7 7.1 10.7



Abundance Ion 62.00 (61.70 to 62.70): VV014311.D (-1179) (-)

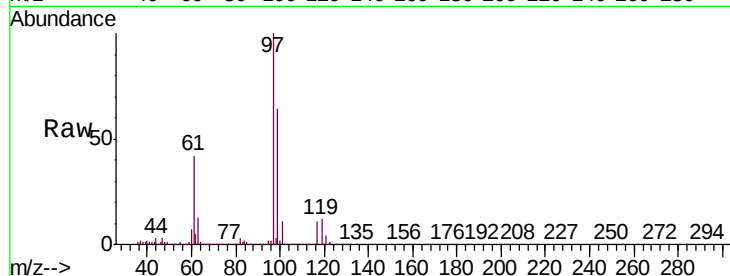




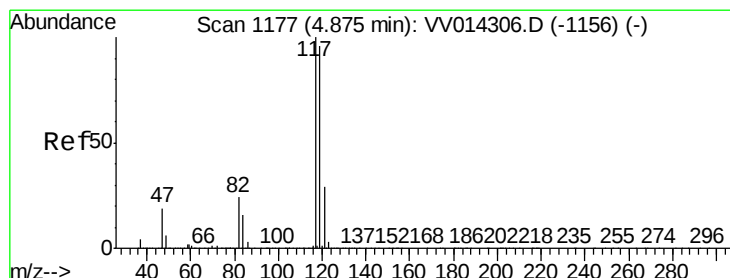
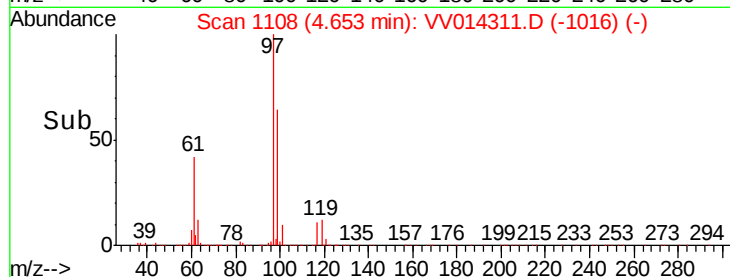
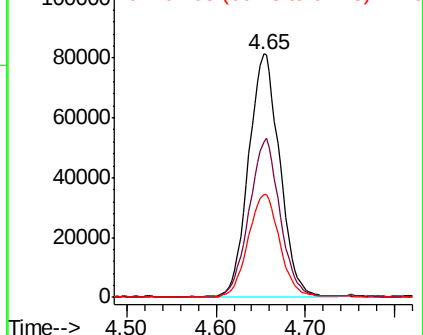
#29
 1,1,1-Trichloroethane
 Concen: 2.018 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

Tgt Ion: 97 Resp: 199405
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.7 77.5
 61 41.9 34.2 51.4

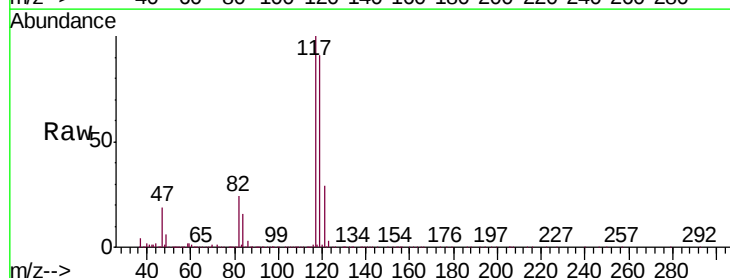


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

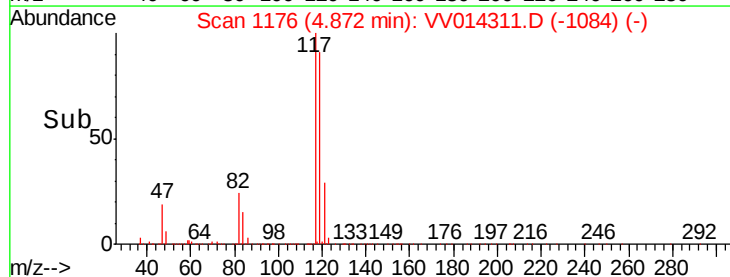
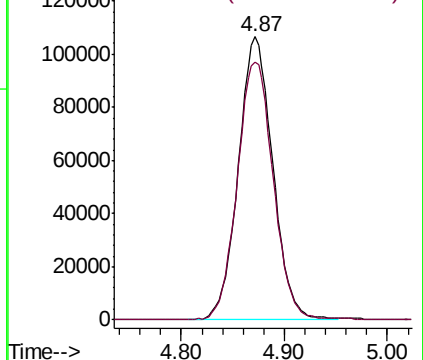


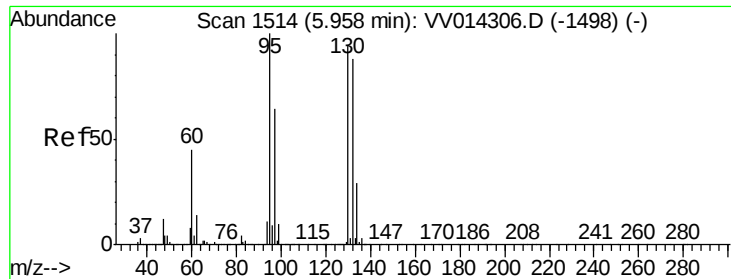
#31
 Carbon tetrachloride
 Concen: 2.908 ug/L
 RT: 4.87 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion: 117 Resp: 247524
 Ion Ratio Lower Upper
 117 100
 119 94.6 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

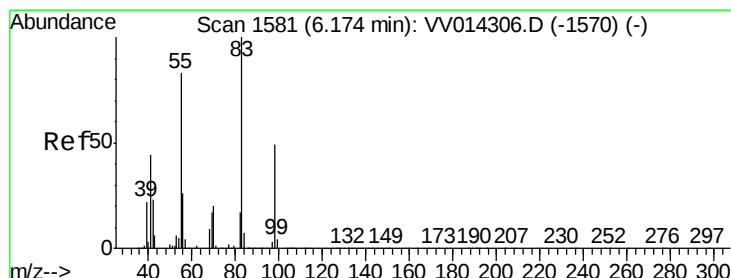
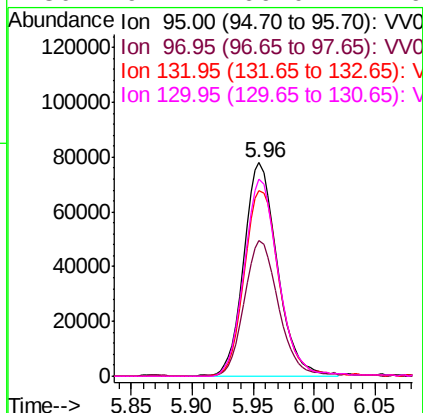
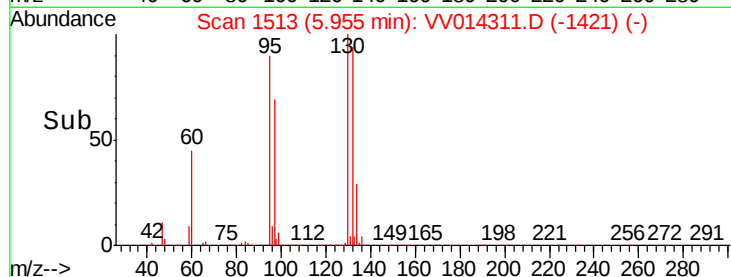
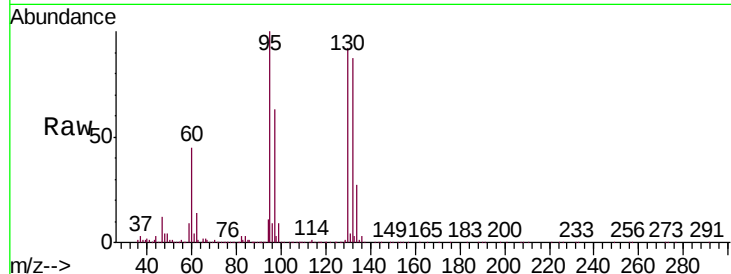




#34
Trichloroethene
Concen: 2.217 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

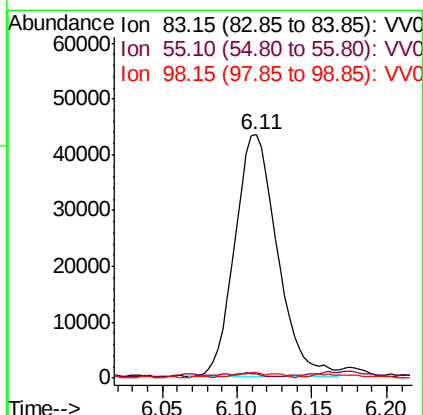
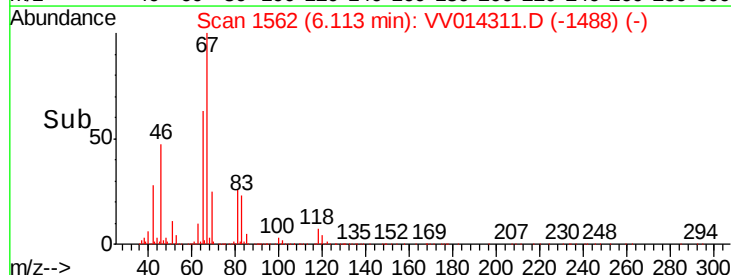
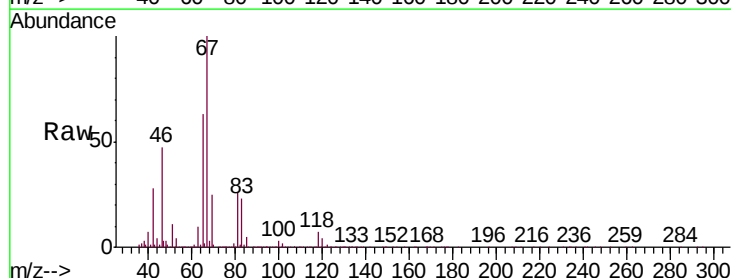
Instrument :
MSVOA_V
ClientSampleId :
X2K71

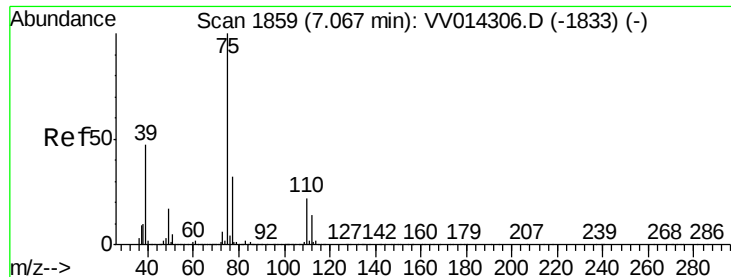
Tgt Ion:	95	Resp:	147886
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.5	82.7
132	86.7	61.7	114.7
130	92.1	66.0	122.6



#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion:	83	Resp:	85855
Ion	Ratio	Lower	Upper
83	100		
55	0.7	65.5	98.3#
98	1.2	38.3	57.5#





#39

cis-1,3-Dichloropropene

Concen: 4.951 ug/L

RT: 7.06 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

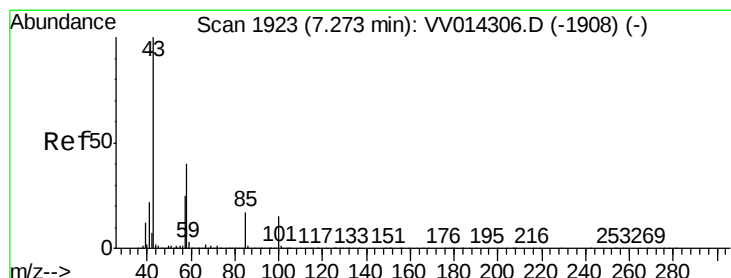
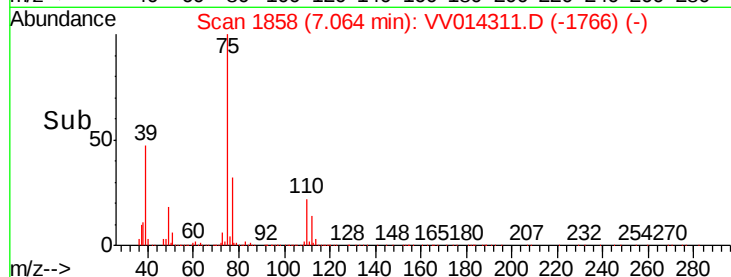
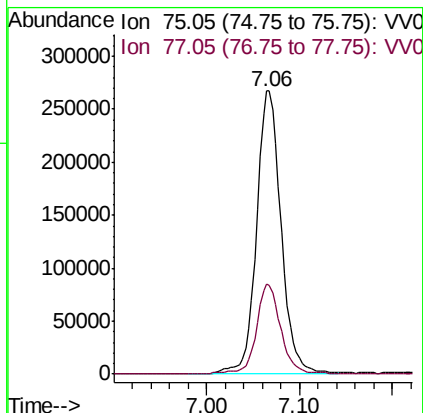
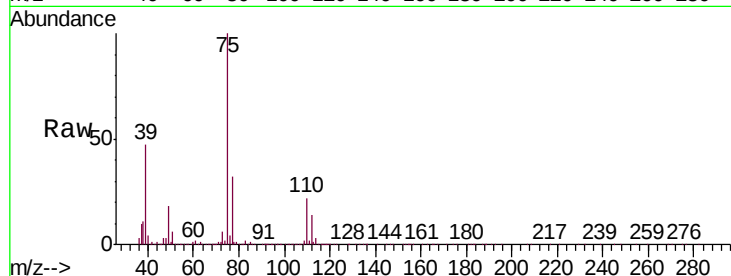
X2K71

Tgt Ion: 75 Resp: 491288

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 61.060 ug/L

RT: 7.27 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

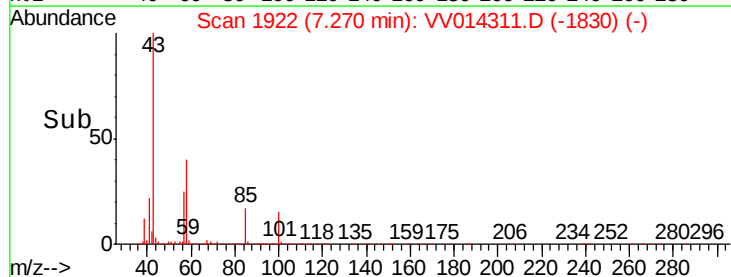
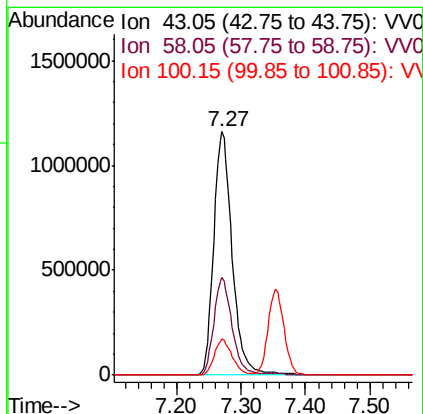
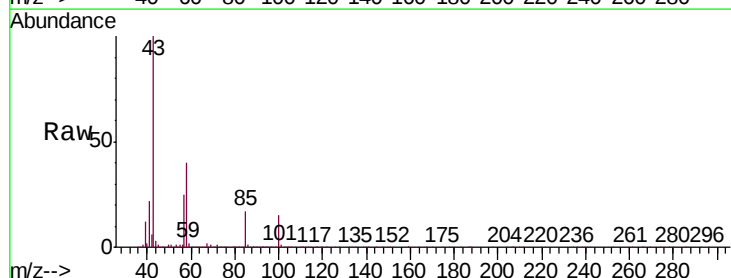
Tgt Ion: 43 Resp: 2302256

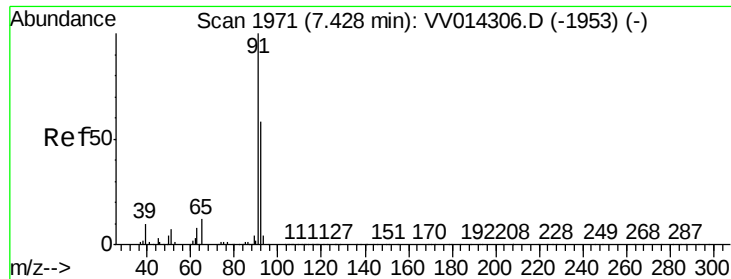
Ion Ratio Lower Upper

43 100

58 39.1 31.3 46.9

100 14.2 11.7 17.5





#42

Toluene

Concen: 0.093 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

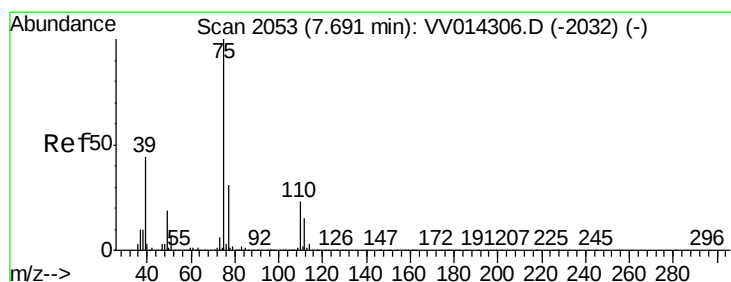
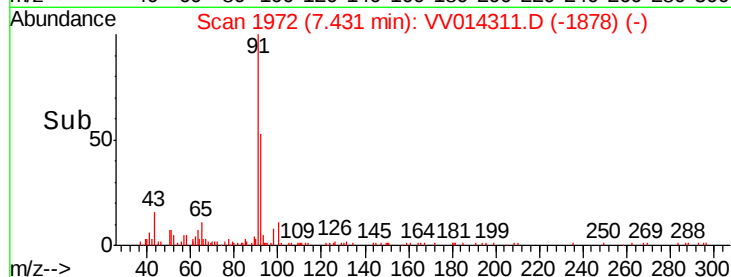
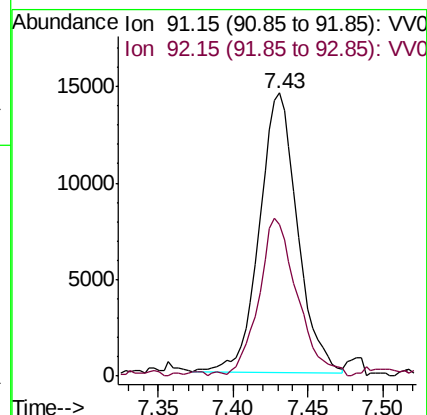
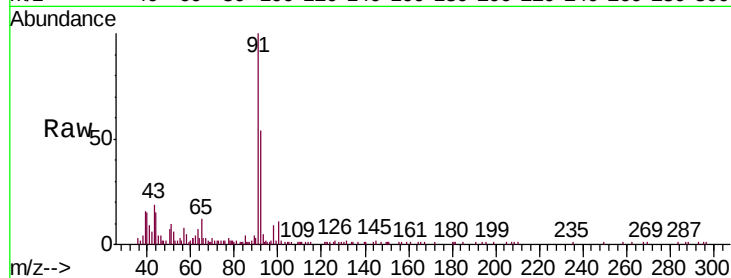
X2K71

Tgt Ion: 91 Resp: 25555

Ion Ratio Lower Upper

91 100

92 53.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 2.674 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV014311.D

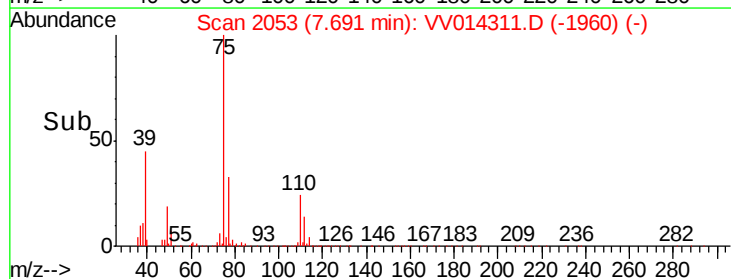
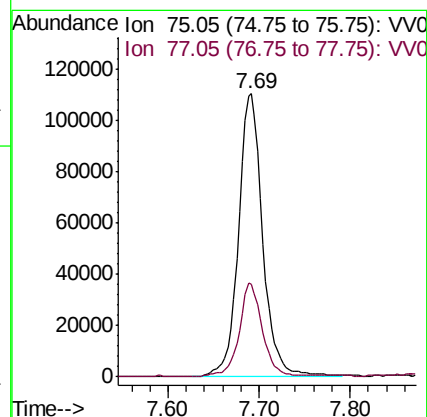
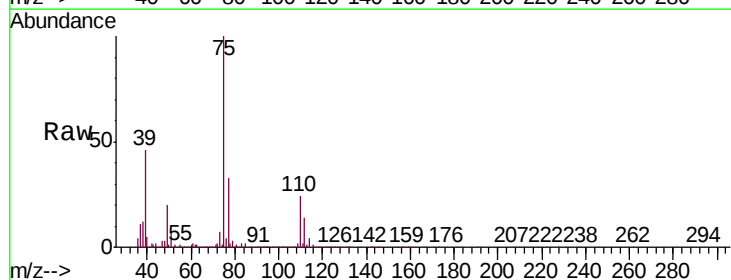
Acq: 15 Jan 2020 14:16

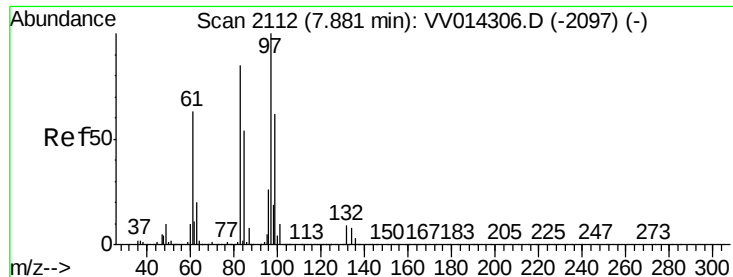
Tgt Ion: 75 Resp: 203634

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 2.033 ug/L

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

Tgt Ion: 97 Resp: 81003

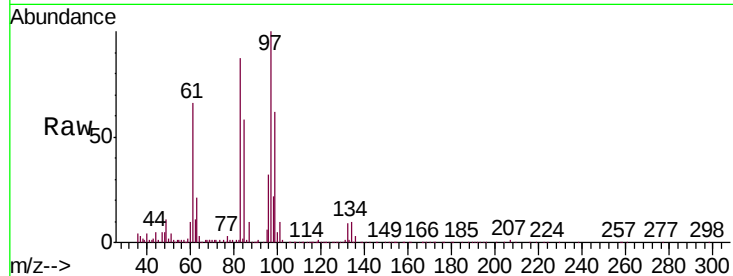
Ion Ratio Lower Upper

97 100

99 62.2 43.2 80.2

83 87.4 59.7 110.9

85 58.0 38.0 70.6

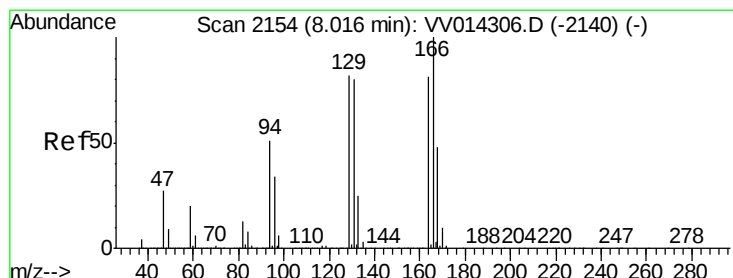
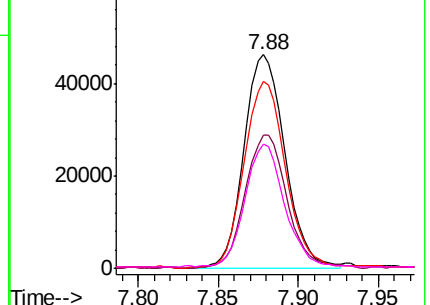
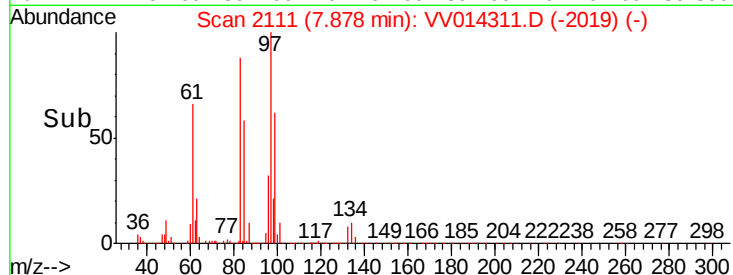


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 3.042 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Tgt Ion: 164 Resp: 139931

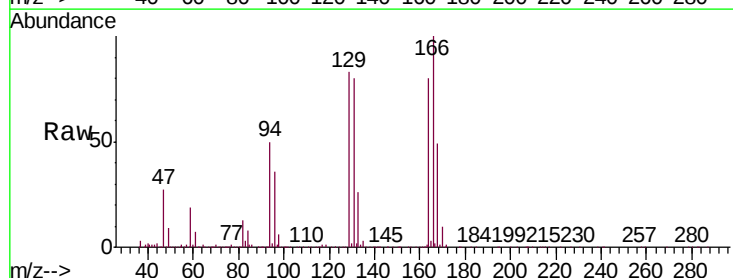
Ion Ratio Lower Upper

164 100

129 103.1 70.6 131.0

131 99.6 68.7 127.5

166 124.6 86.0 159.8

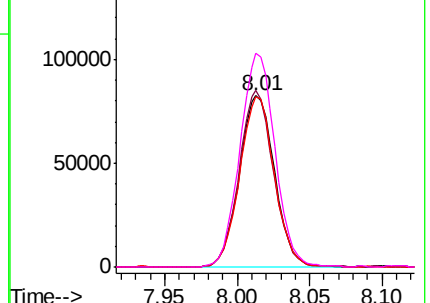
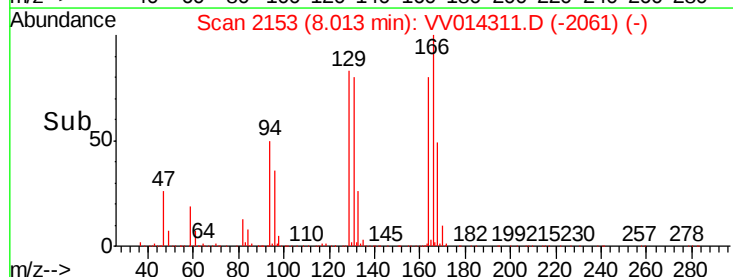


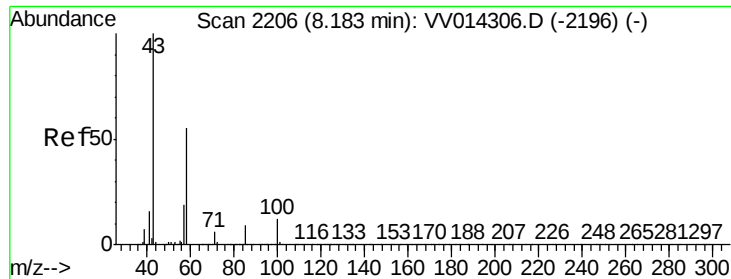
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

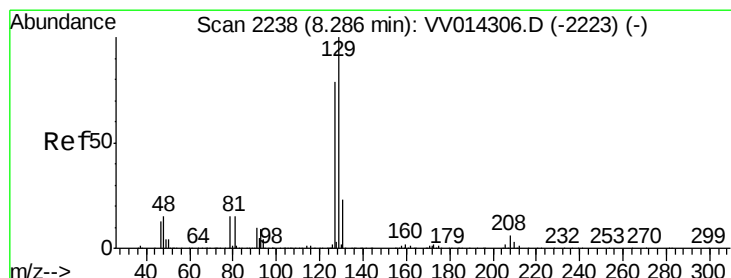
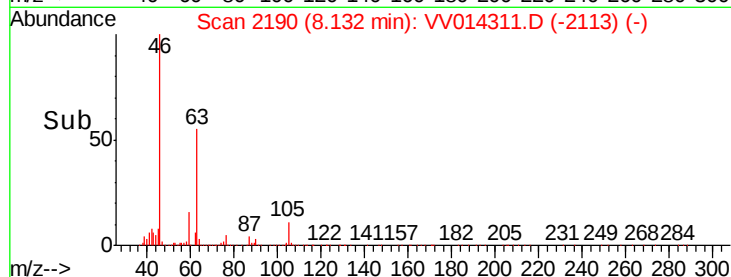
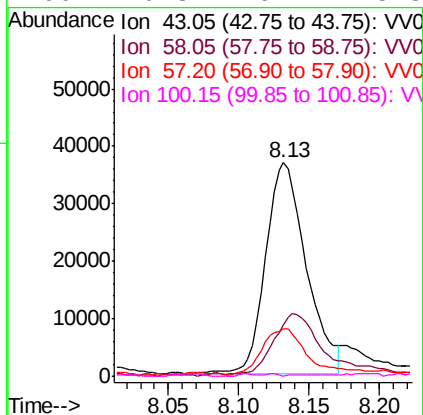
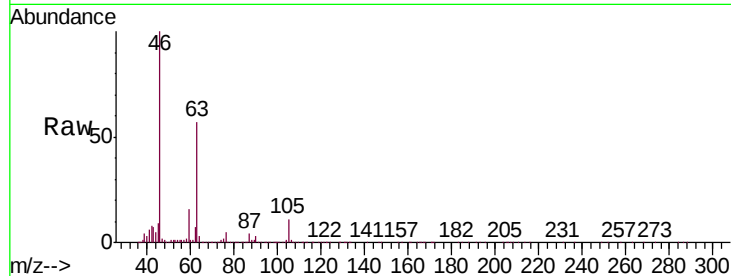




#48
2-Hexanone
Concen: 2.858 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

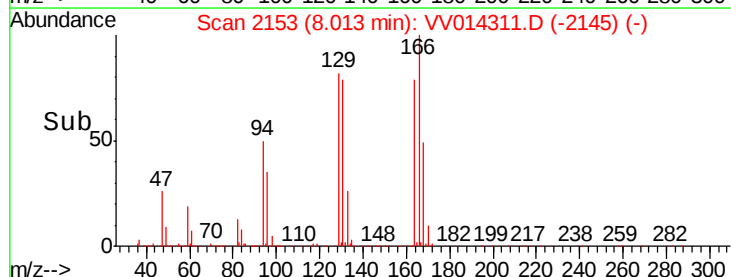
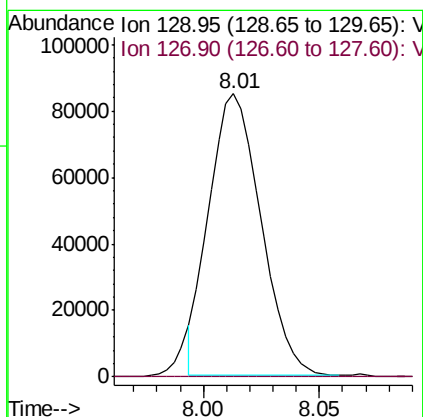
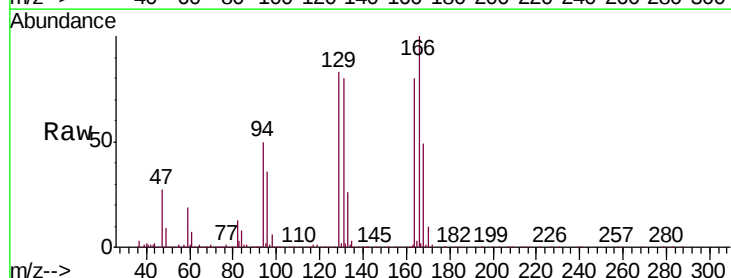
Instrument :
MSVOA_V
ClientSampleId :
X2K71

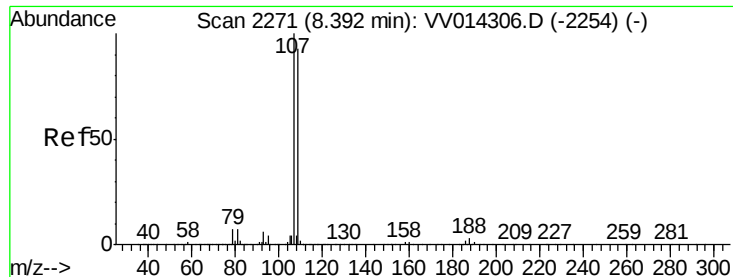
Tgt Ion:	43	Resp:	73794
Ion	Ratio	Lower	Upper
43	100		
58	35.4	43.9	65.9#
57	25.0	14.9	22.3#
100	0.3	9.2	13.8#



#49
Dibromochloromethane
Concen: 2.668 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion:	129	Resp:	130898
Ion	Ratio	Lower	Upper
129	100		
127	0.1	55.4	102.8#

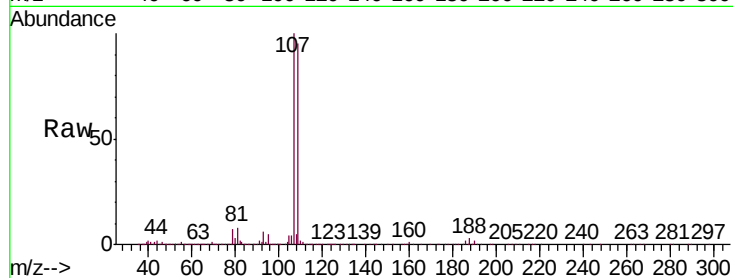




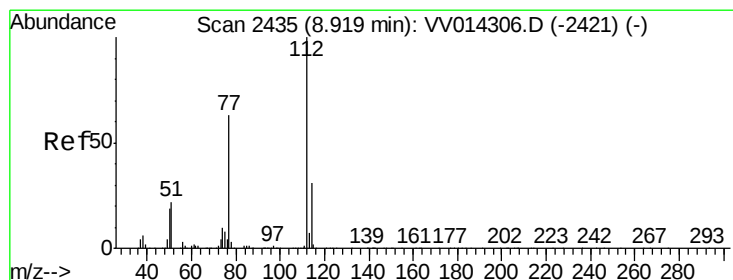
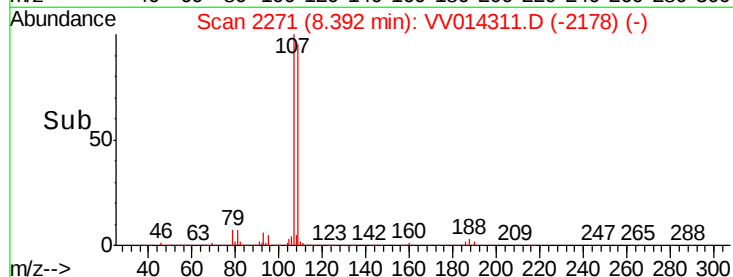
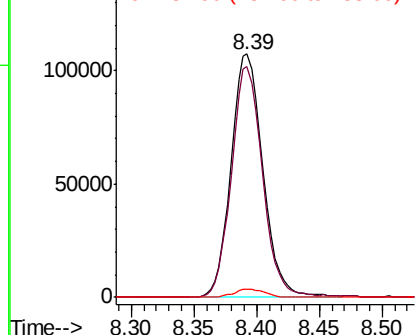
#50
1,2-Dibromoethane
Concen: 5.106 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Instrument :
MSVOA_V
ClientSampleId :
X2K71

Tgt Ion:	107	Resp:	189639
Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.2	121.2
188	3.4	2.6	3.8

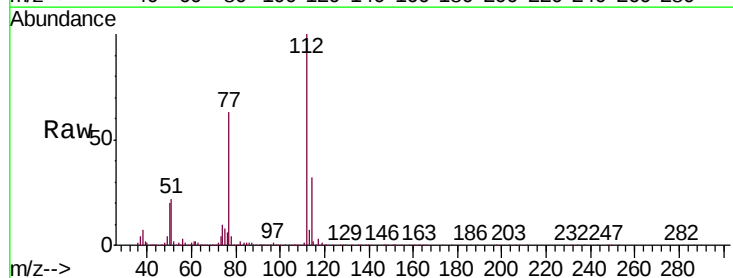


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

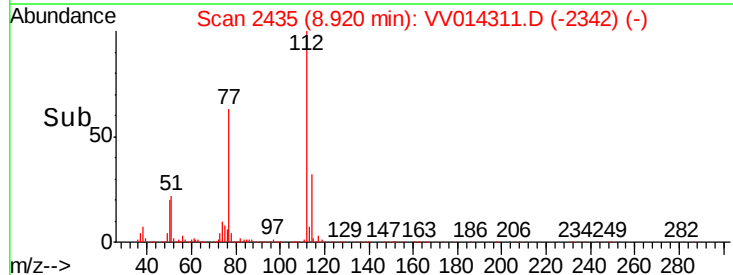
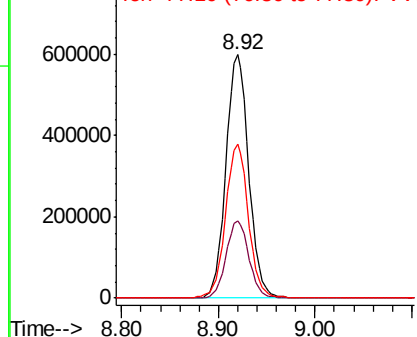


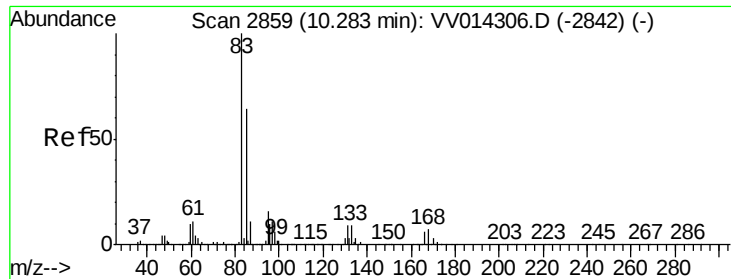
#51
Chlorobenzene
Concen: 5.846 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014311.D
Acq: 15 Jan 2020 14:16

Tgt Ion:	112	Resp:	978970
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.5	39.9
77	63.2	51.0	76.4



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

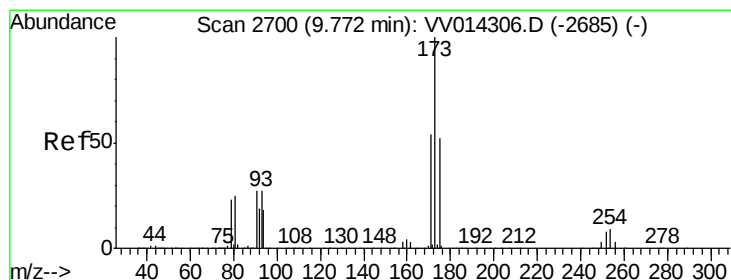
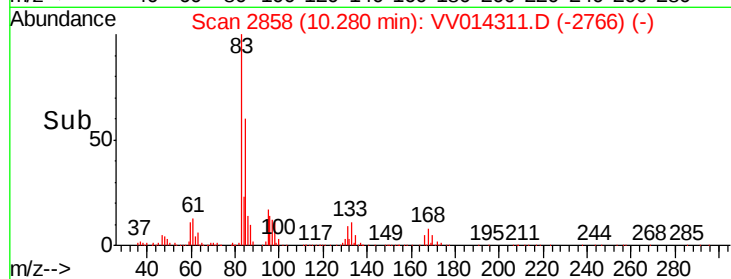
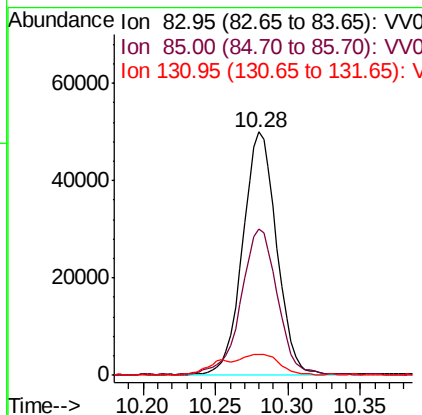
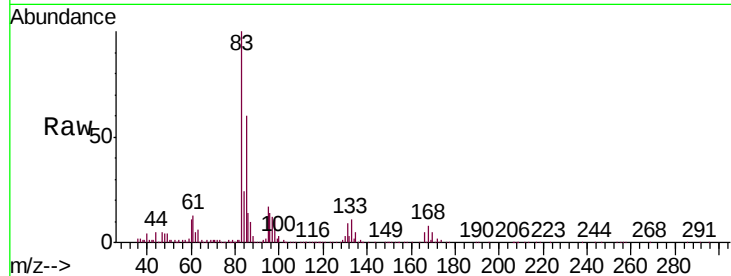




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.655 ug/L
 RT: 10.28 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

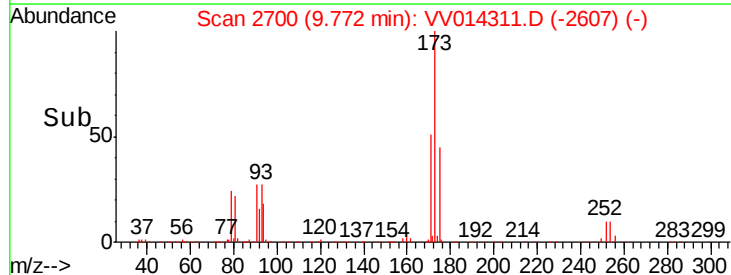
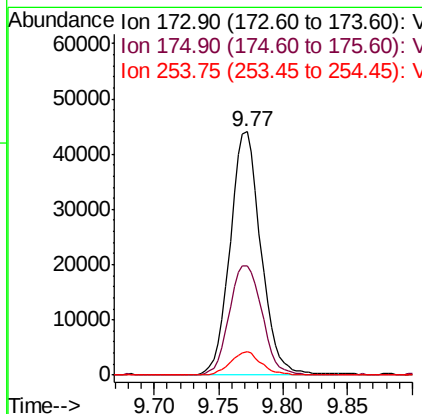
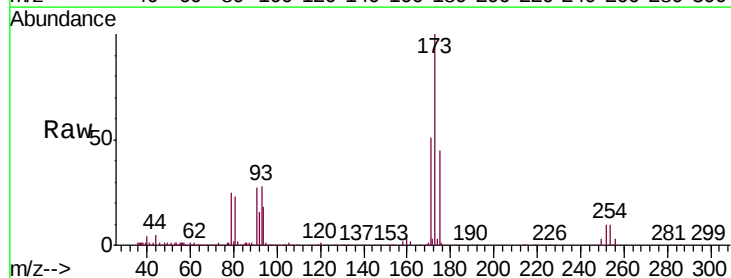
Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

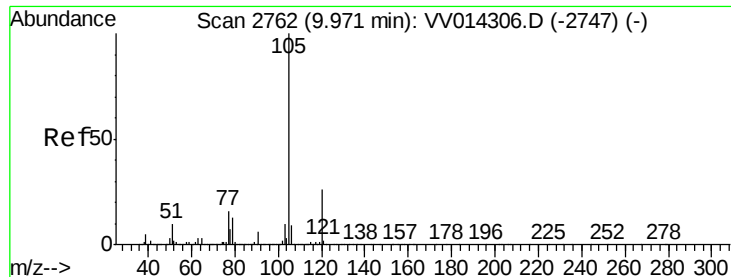
Tgt Ion: 83 Resp: 81056
 Ion Ratio Lower Upper
 83 100
 85 60.1 45.1 83.9
 131 8.7 7.0 10.6



#59
 Bromoform
 Concen: 3.055 ug/L
 RT: 9.77 min Scan# 2700
 Delta R.T. 0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion: 173 Resp: 73424
 Ion Ratio Lower Upper
 173 100
 175 47.8 40.4 60.6
 254 9.6 7.2 10.8





#60

Isopropylbenzene

Concen: 4.015 ug/L

RT: 10.95 min Scan# 3067

Delta R.T. 0.98 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

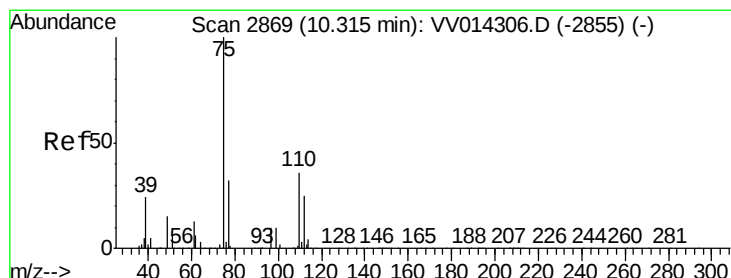
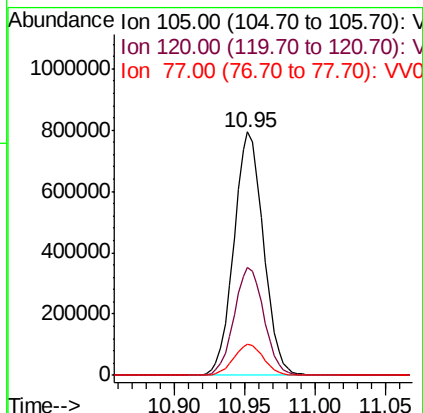
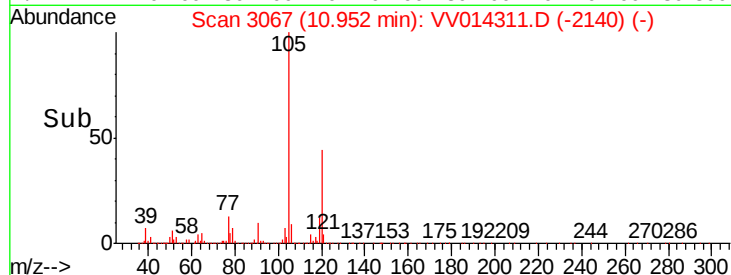
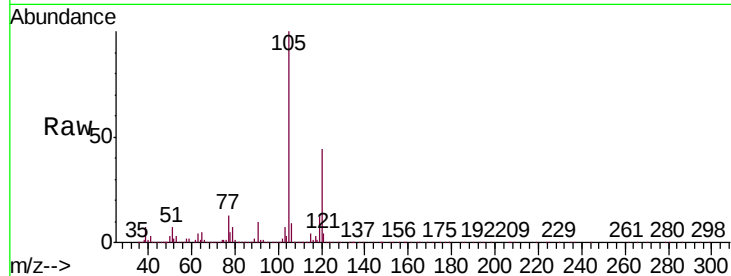
Tgt Ion:105 Resp: 1167892

Ion Ratio Lower Upper

105 100

120 44.7 20.6 30.8#

77 13.1 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 0.307 ug/L

RT: 10.95 min Scan# 3067

Delta R.T. 0.64 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

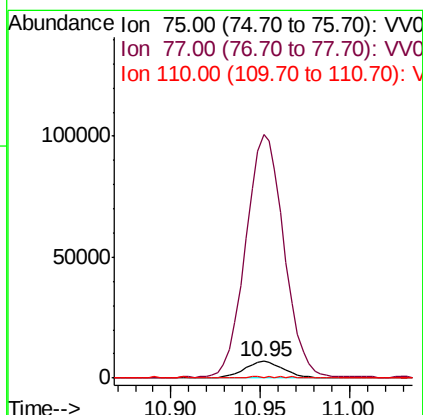
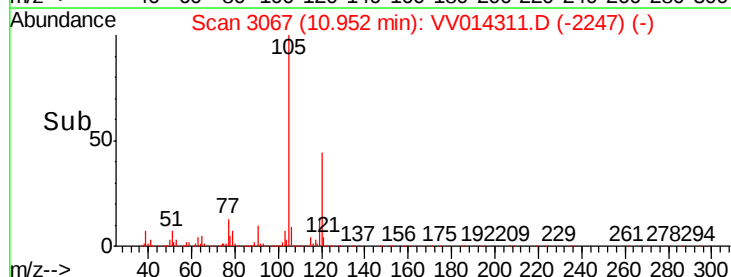
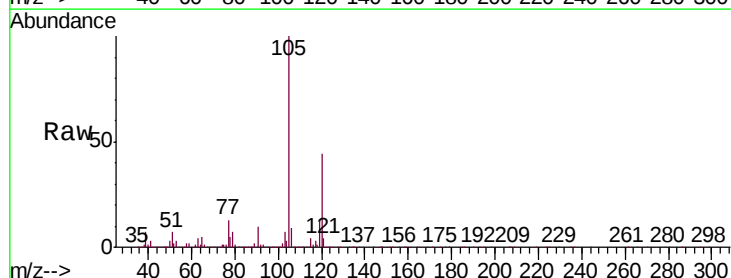
Tgt Ion: 75 Resp: 10817

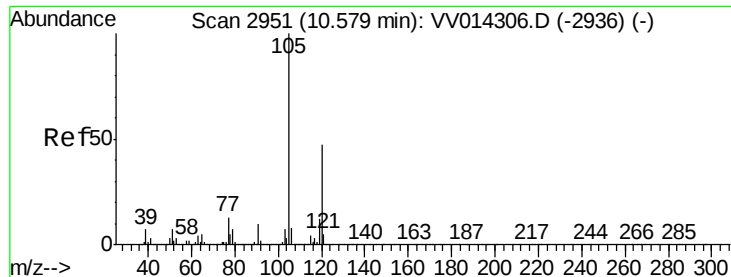
Ion Ratio Lower Upper

75 100

77 1418.4 25.0 37.4#

110 0.0 29.8 44.6#

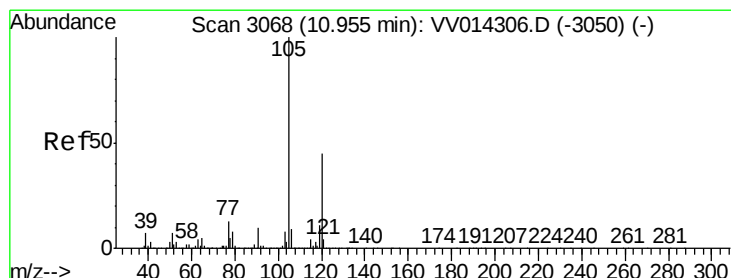
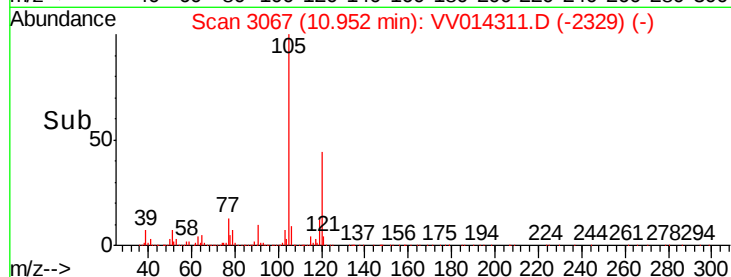
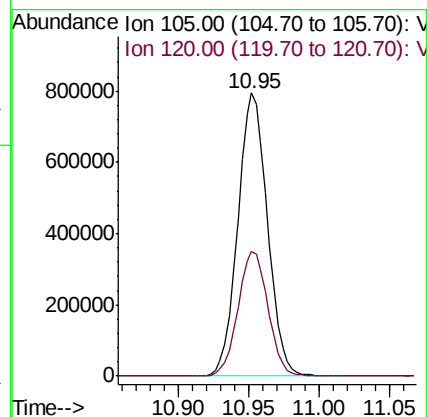
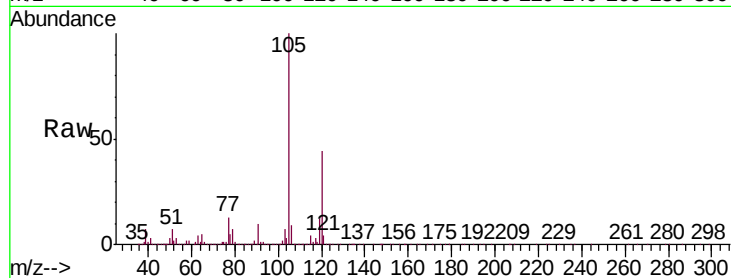




#62
 1,3,5-Trimethylbenzene
 Concen: 4.757 ug/L
 RT: 10.95 min Scan# 3067
 Delta R.T. 0.37 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

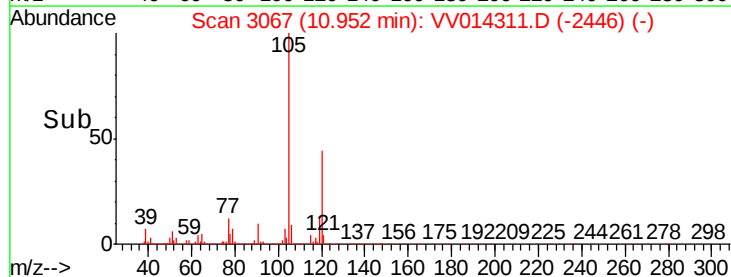
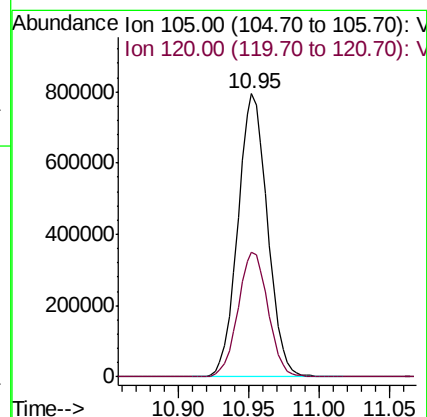
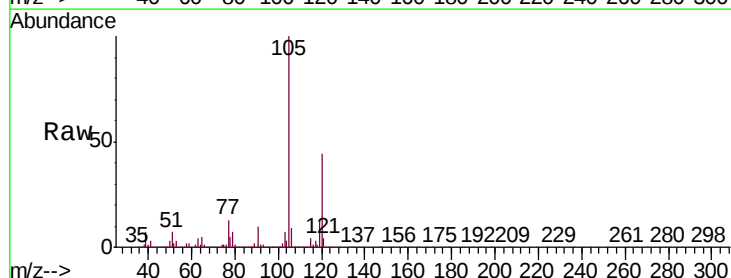
Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

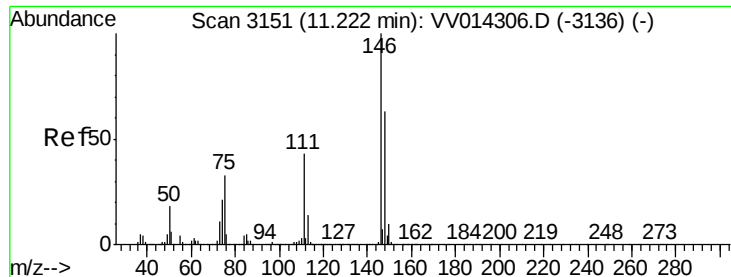
Tgt Ion:105 Resp: 1167892
 Ion Ratio Lower Upper
 105 100
 120 44.7 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 4.782 ug/L
 RT: 10.95 min Scan# 3067
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion:105 Resp: 1167892
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.3 52.9





#64

1,3-Dichlorobenzene

Concen: 3.131 ug/L

RT: 11.22 min Scan# 3150

Delta R.T. -0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

X2K71

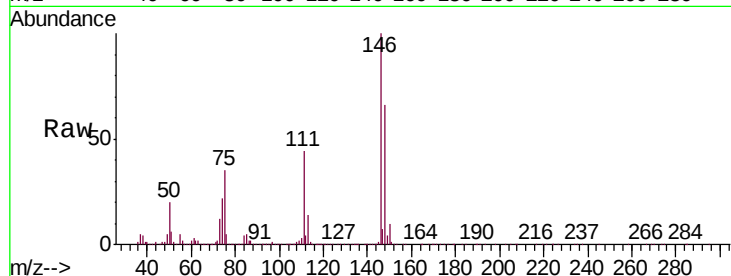
Tgt Ion:146 Resp: 377870

Ion Ratio Lower Upper

146 100

111 44.4 29.8 55.3

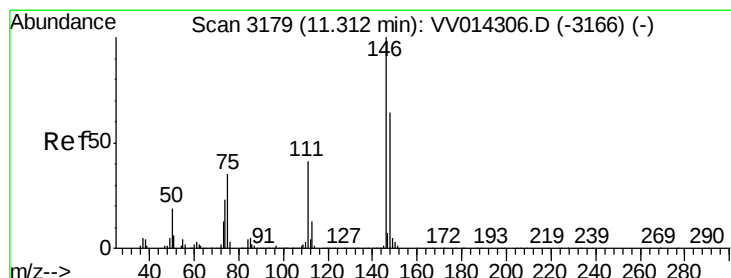
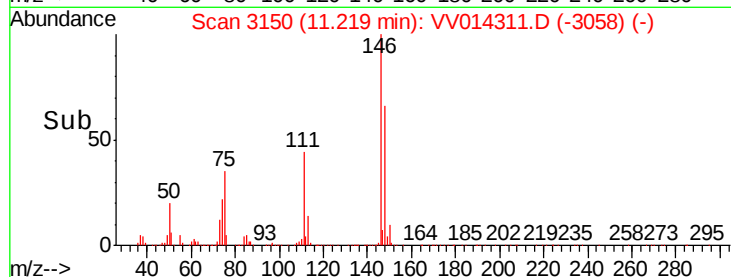
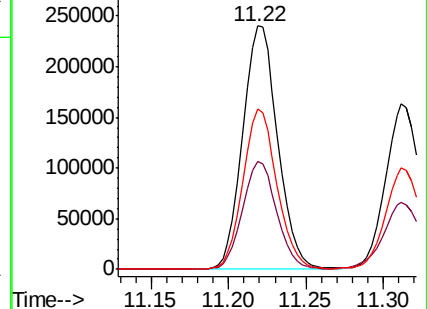
148 65.6 43.8 81.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 2.092 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. 0.00 min

Lab File: VV014311.D

Acq: 15 Jan 2020 14:16

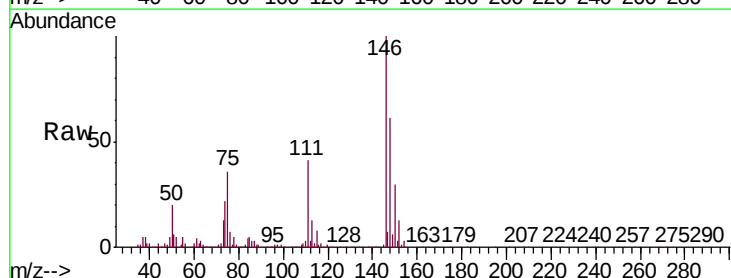
Tgt Ion:146 Resp: 256087

Ion Ratio Lower Upper

146 100

111 40.5 29.0 53.9

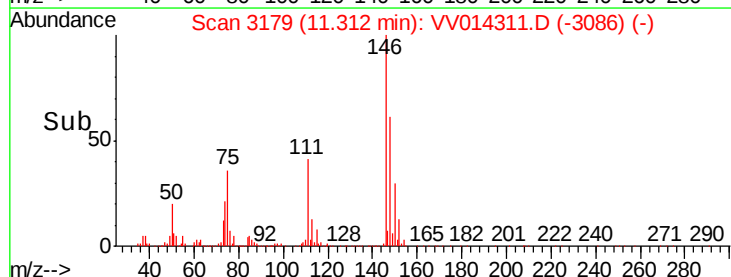
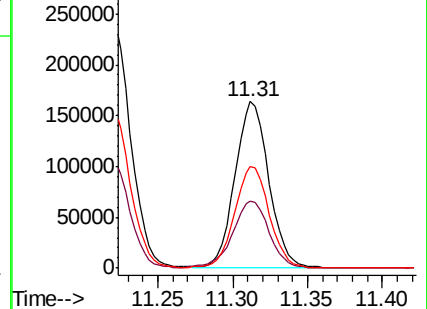
148 61.1 44.7 82.9

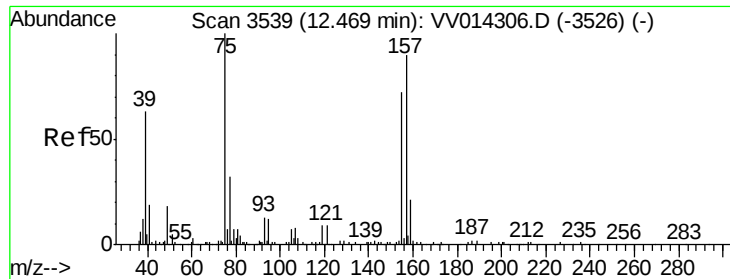


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

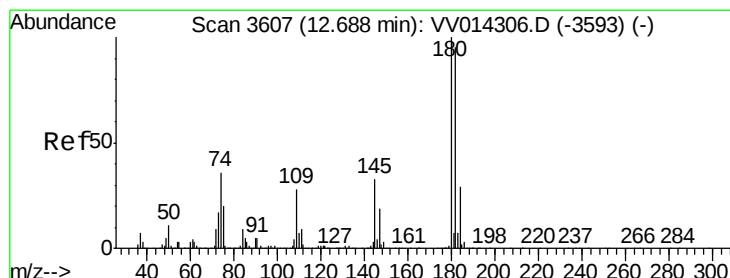
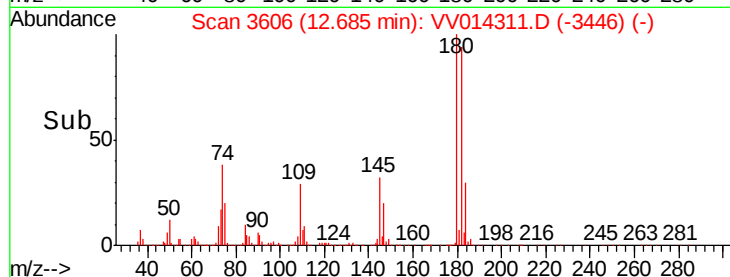
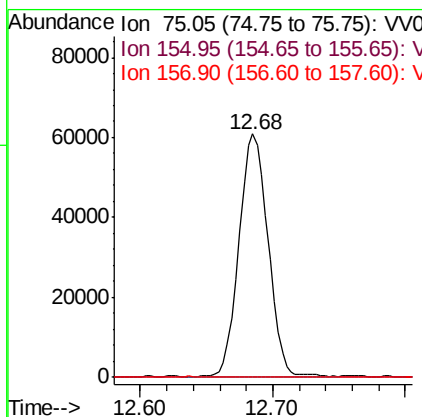
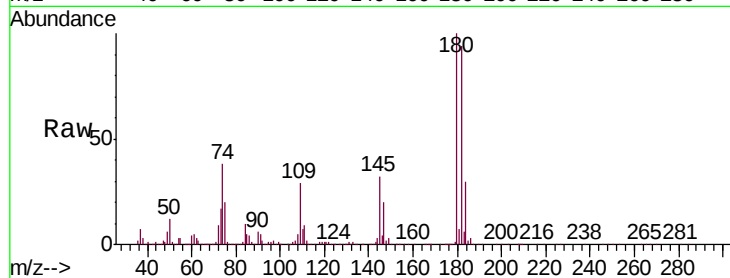




#68
 1,2-Dibromo-3-chloropropane
 Concen: 10.482 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. 0.22 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

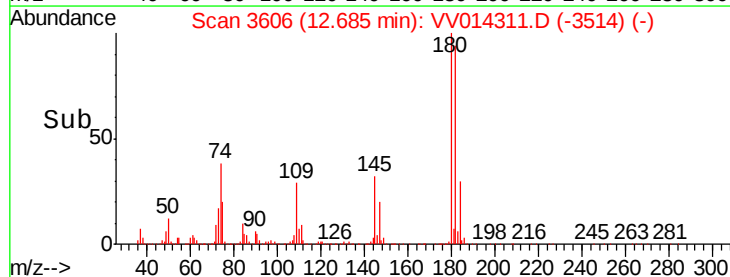
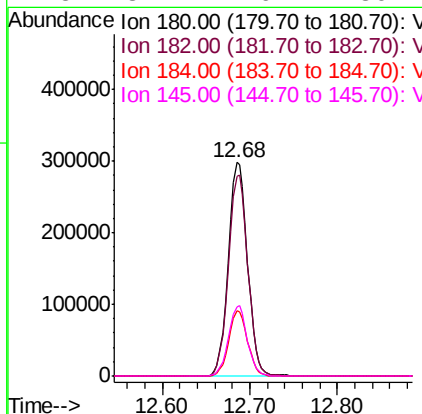
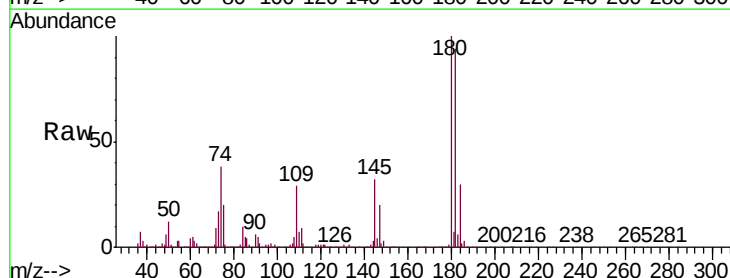
Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

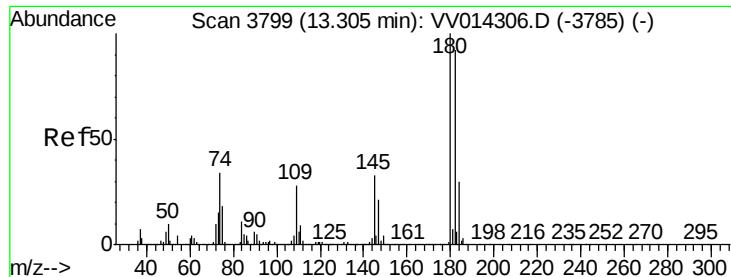
Tgt Ion: 75 Resp: 93332
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.0 87.0#
 157 0.0 72.1 108.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 5.133 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion: 180 Resp: 453934
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 114.8
 184 29.9 23.3 34.9
 145 32.2 26.2 39.4

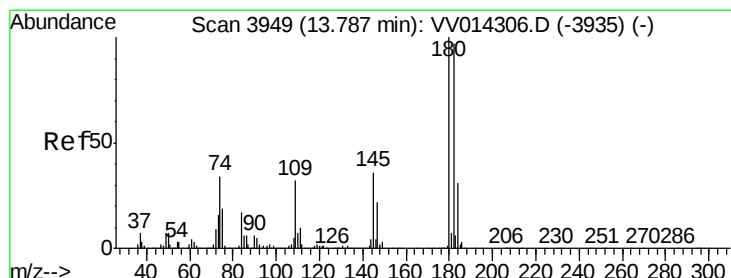
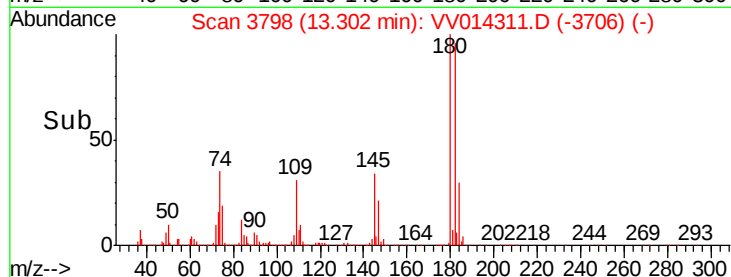
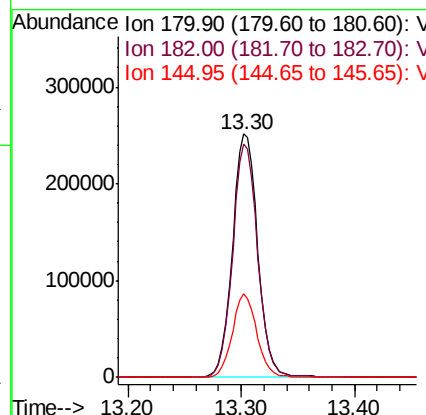
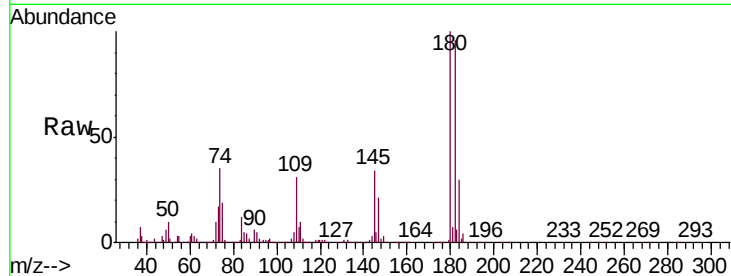




#70
 1,2,4-trichlorobenzene
 Concen: 5.234 ug/L
 RT: 13.30 min Scan# 3798
 Delta R.T. -0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	33.2	26.9	40.3



#72
 1,2,3-Trichlorobenzene
 Concen: 3.240 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VV014311.D
 Acq: 15 Jan 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.7	115.1
145	35.2	28.8	43.2

