

Data File : VV014309.D
Acq On : 15 Jan 2020 11:55
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV356

Quant Time: Jan 16 03:04:43 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	894588	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	827965	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	392310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	277734	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	212670	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	426498	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	3.96	46	692144	50.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	570278	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	270590	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	1178824	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.11	67	361609	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.35	98	1077174	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.66	79	148541	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.13	63	594597	50.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.10%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	242498	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	330270	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	421820	5.979 ug/L	98
3) Chloromethane	1.25	50	380459	5.578 ug/L	98
5) Vinyl chloride	1.32	62	385145	6.147 ug/L	99
6) Bromomethane	1.54	94	199011	5.690 ug/L	99
8) Chloroethane	1.60	64	176909	5.412 ug/L	95
9) Trichlorofluoromethane	1.77	101	390039	5.147 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	205665	5.023 ug/L	99
12) 1,1-Dichloroethene	2.14	96	206535	5.382 ug/L	98
13) Acetone	2.23	43	438266	48.394 ug/L	92
14) Carbon disulfide	2.32	76	995462	5.345 ug/L	100
15) Methyl Acetate	2.48	43	109294	5.430 ug/L	93
16) Methylene chloride	2.53	84	400033	5.120 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	705001	5.255 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	317442	5.263 ug/L	97
19) 1,1-Dichloroethane	3.23	63	596628	5.296 ug/L	99
21) 2-Butanone	4.04	43	763225	53.515 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	342857	5.351 ug/L #	100

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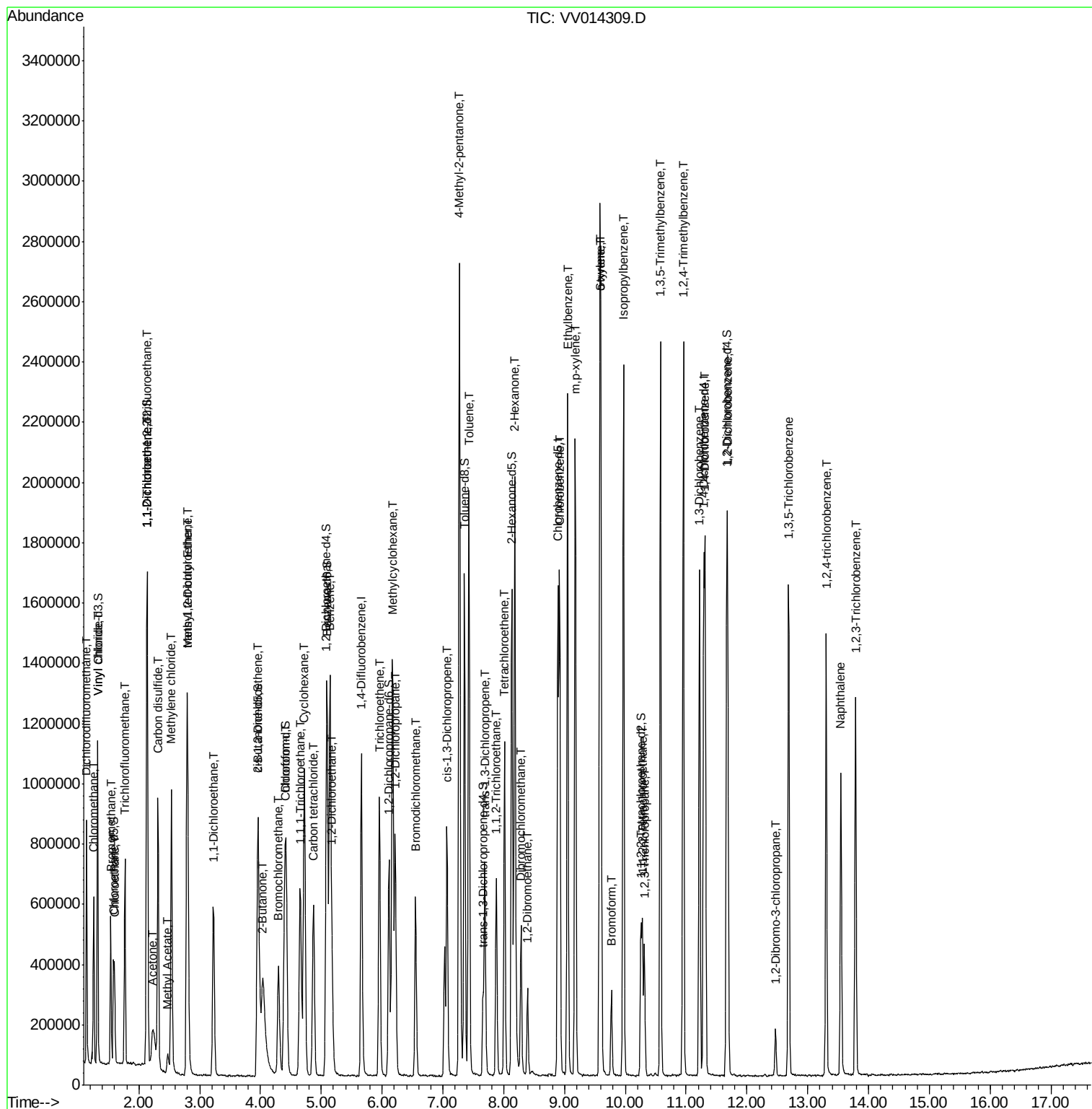
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	128712	5.332	ug/L	93
25) Chloroform	4.42	83	601550	5.492	ug/L	99
27) 1,2-Dichloroethane	5.18	62	337260	5.408	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	506596	5.261	ug/L	99
30) Cyclohexane	4.72	56	600115	5.119	ug/L	99
31) Carbon tetrachloride	4.87	117	427004	5.148	ug/L	100
33) Benzene	5.14	78	1302292	5.183	ug/L	100
34) Trichloroethene	5.95	95	335612	5.163	ug/L	98
35) Methylcyclohexane	6.17	83	595942	5.180	ug/L	99
37) 1,2-Dichloropropane	6.22	63	325721	5.293	ug/L	99
38) Bromodichloromethane	6.55	83	402341	5.166	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	504524	5.218	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1969086	53.594	ug/L	100
42) Toluene	7.43	91	1376977	5.156	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	398589	5.372	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	203722	5.246	ug/L	97
47) Tetrachloroethene	8.01	164	239198	5.336	ug/L	99
48) 2-Hexanone	8.18	43	1378261	54.780	ug/L	98
49) Dibromochloromethane	8.29	129	249250	5.214	ug/L	98
50) 1,2-Dibromoethane	8.39	107	192965	5.332	ug/L	98
51) Chlorobenzene	8.92	112	848588	5.201	ug/L	99
52) Ethylbenzene	9.05	91	1569348	5.227	ug/L	100
53) m,p-xylene	9.18	106	582995	5.253	ug/L	97
54) o-xylene	9.58	106	566418	5.257	ug/L	100
55) Styrene	9.60	104	948717	5.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	252281	5.285	ug/L	99
59) Bromoform	9.77	173	125917	5.230	ug/L	98
60) Isopropylbenzene	9.97	105	1508239	5.176	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	185765	5.269	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	1286254	5.230	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	1313799	5.370	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	641834	5.310	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	627039	5.115	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	562579	5.174	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	44751	5.018	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	466791	5.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	403696	5.403	ug/L	100
71) Naphthalene	13.55	128	782894	5.624	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	352646	5.475	ug/L	100

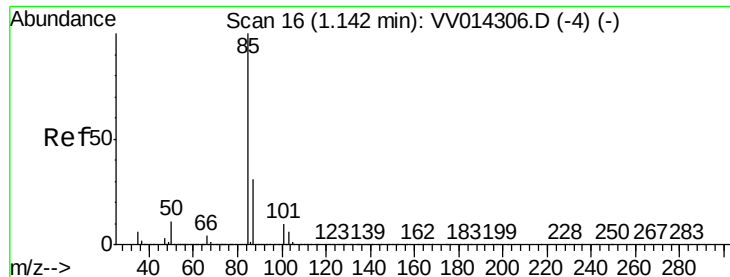
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.979 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

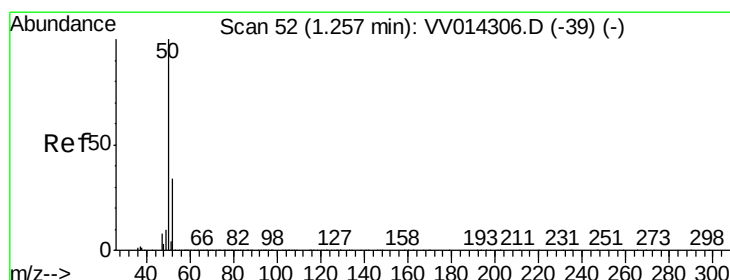
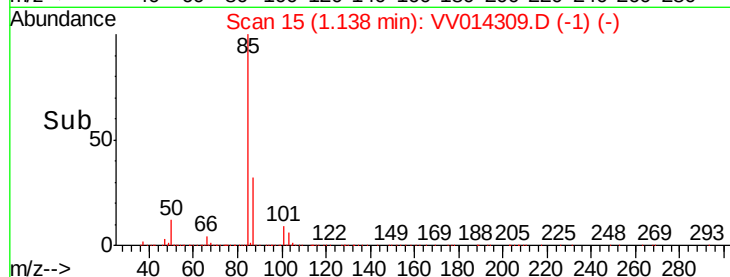
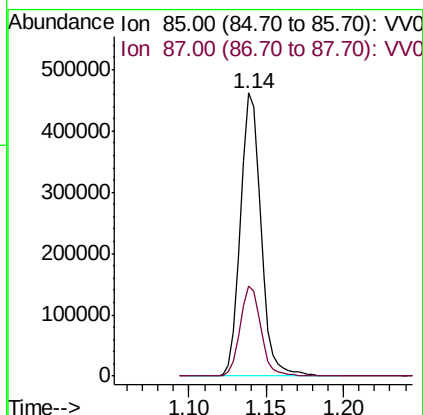
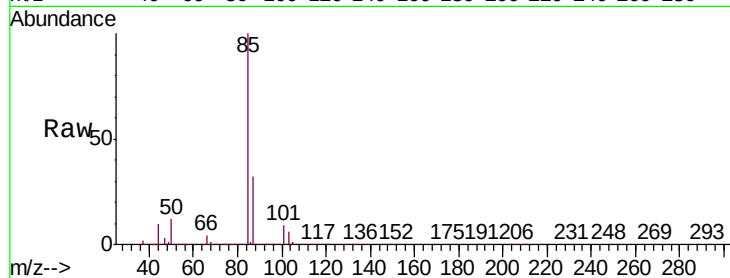
VICV356

Tgt Ion: 85 Resp: 421820

Ion Ratio Lower Upper

85 100

87 32.3 24.9 37.3



#3

Chloromethane

Concen: 5.578 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV014309.D

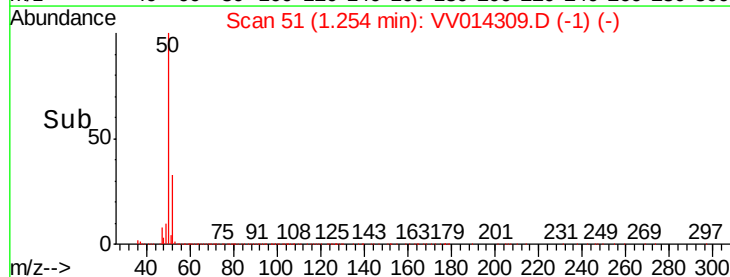
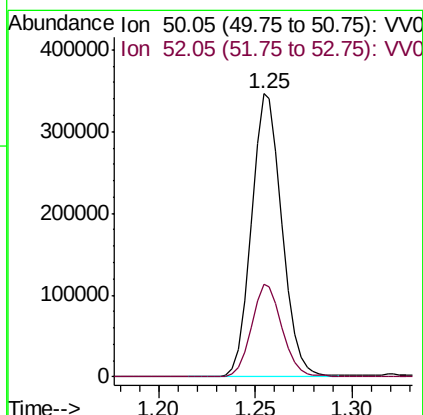
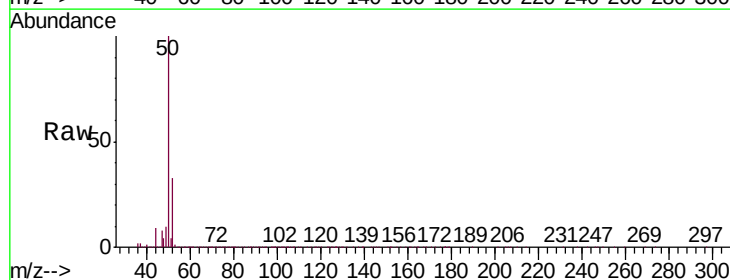
Acq: 15 Jan 2020 11:55

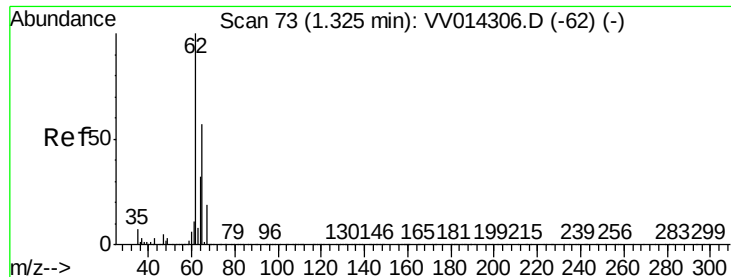
Tgt Ion: 50 Resp: 380459

Ion Ratio Lower Upper

50 100

52 32.5 23.5 43.7





#5

Vinyl chloride

Concen: 6.147 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV014309.D

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Instrument :

MSVOA_V

ClientSampleId :

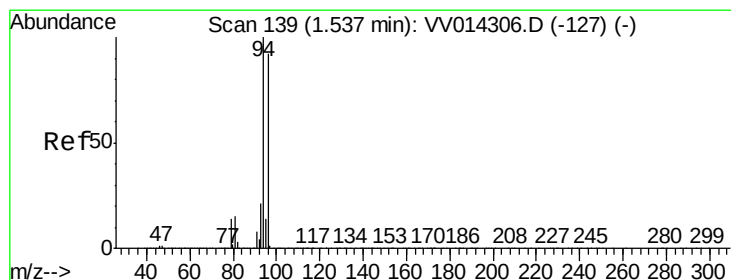
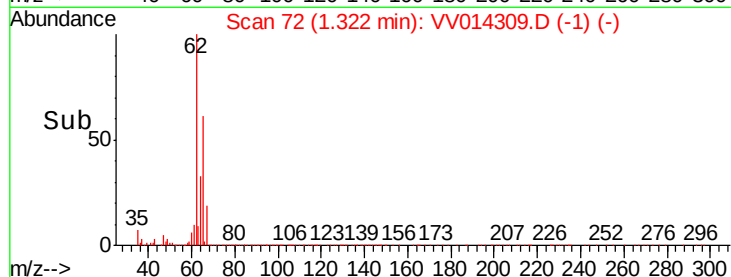
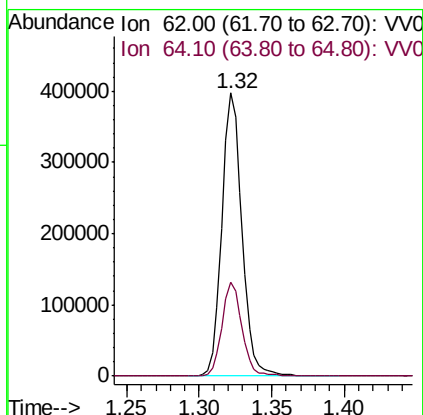
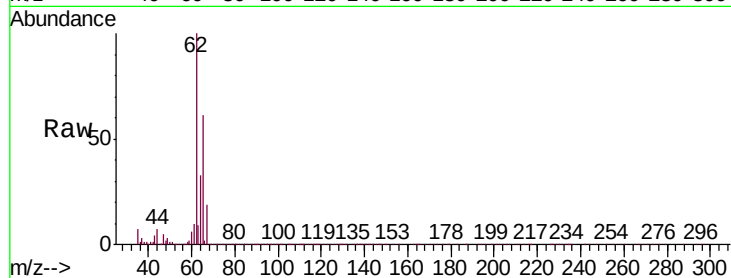
VICV356

Tgt Ion: 62 Resp: 385145

Ion Ratio Lower Upper

62 100

64 33.0 22.6 42.0



#6

Bromomethane

Concen: 5.690 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014309.D

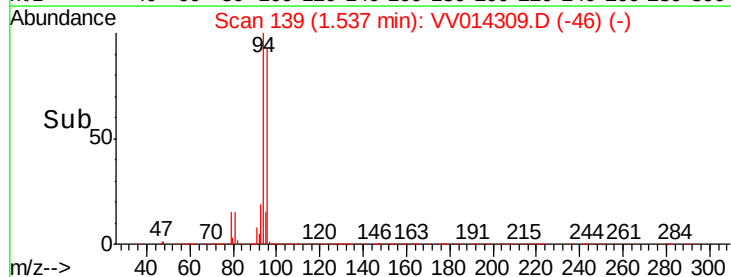
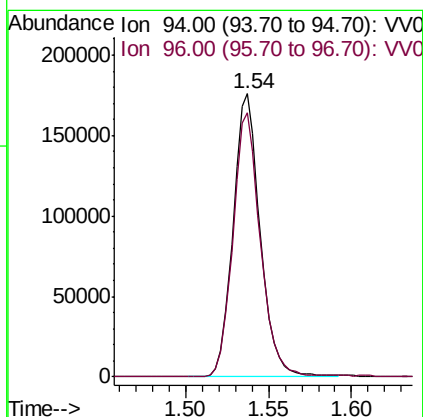
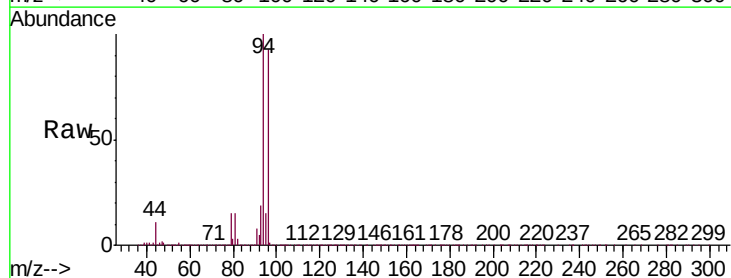
Acq: 15 Jan 2020 11:55

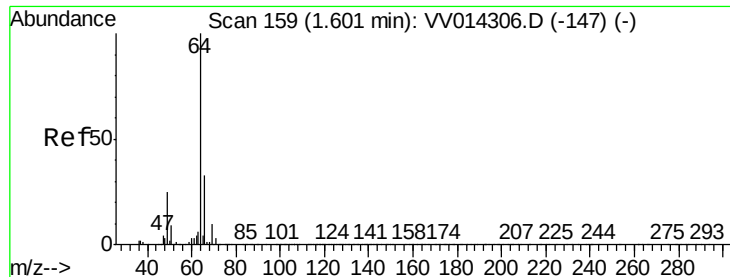
Tgt Ion: 94 Resp: 199011

Ion Ratio Lower Upper

94 100

96 93.3 64.6 120.0





#8

Chloroethane

Concen: 5.412 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

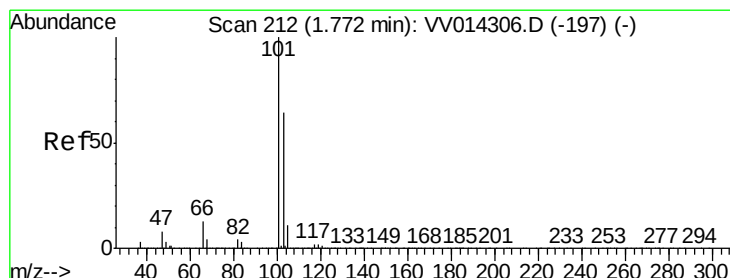
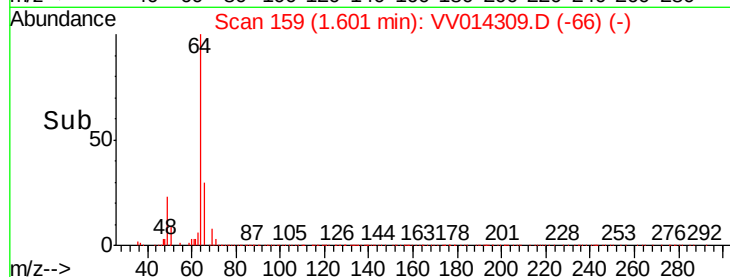
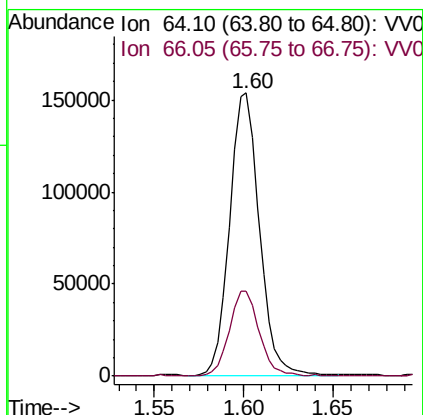
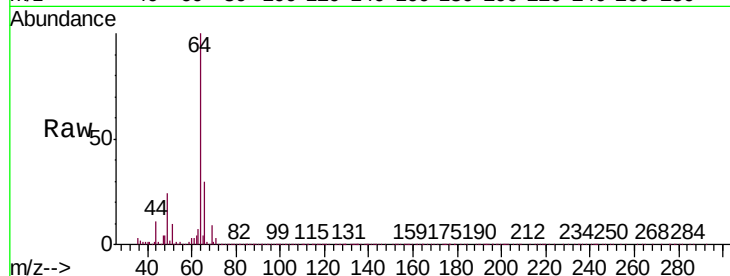
VICV356

Tgt Ion: 64 Resp: 176909

Ion Ratio Lower Upper

64 100

66 30.1 23.0 42.8



#9

Trichlorofluoromethane

Concen: 5.147 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV014309.D

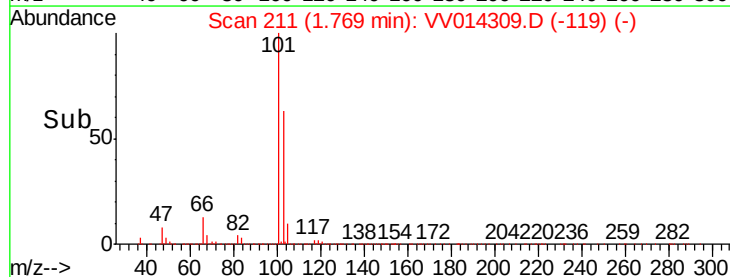
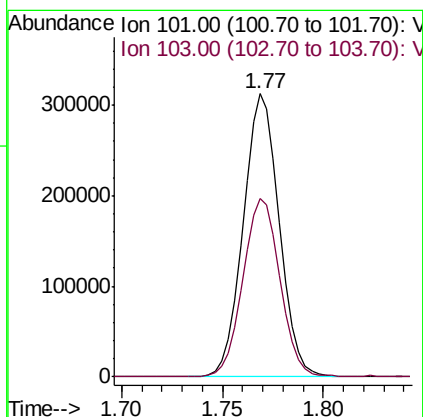
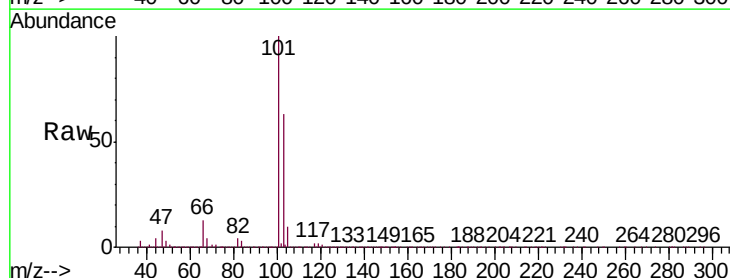
Acq: 15 Jan 2020 11:55

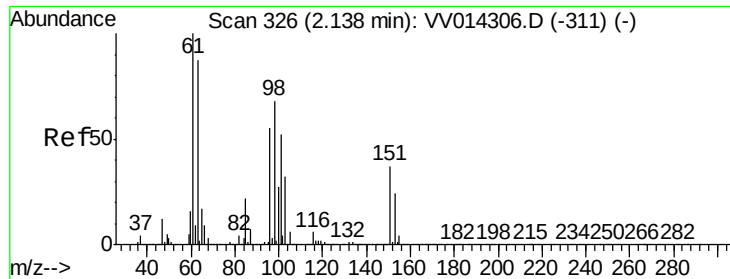
Tgt Ion: 101 Resp: 390039

Ion Ratio Lower Upper

101 100

103 64.9 51.2 76.8





#10

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

Concen: 5.023 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

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ClientSampleId :

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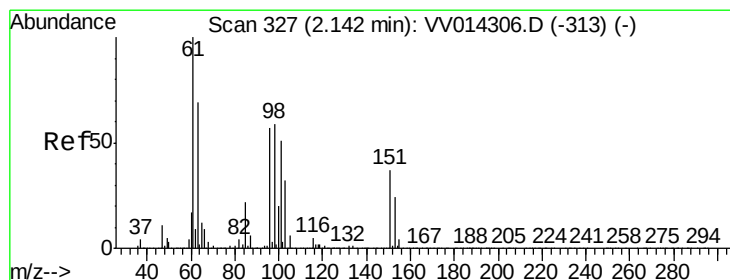
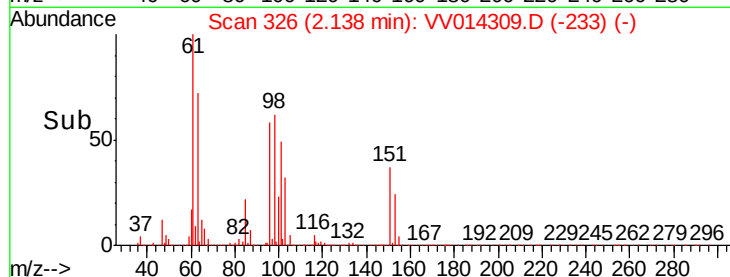
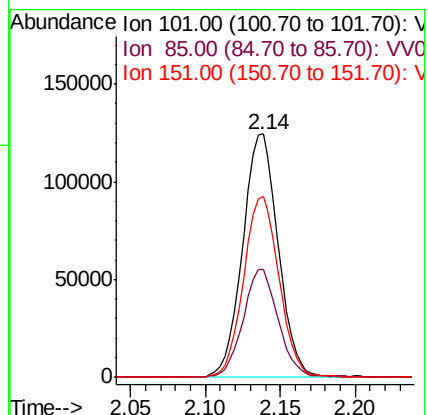
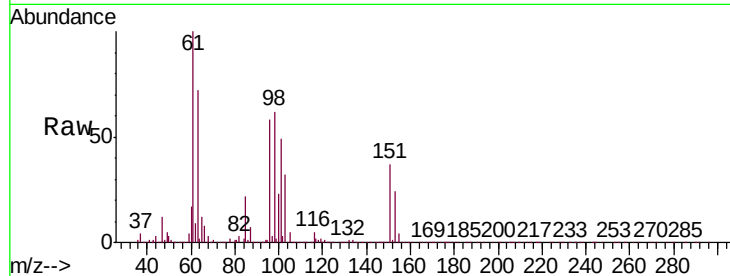
Tgt Ion: 101 Resp: 205665

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.2

151 73.9 58.7 88.1



#12

1,1-Dichloroethene

Concen: 5.382 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

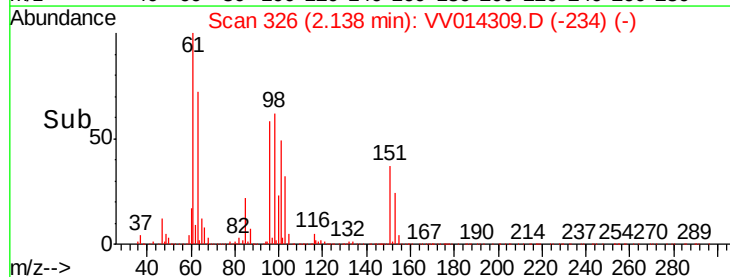
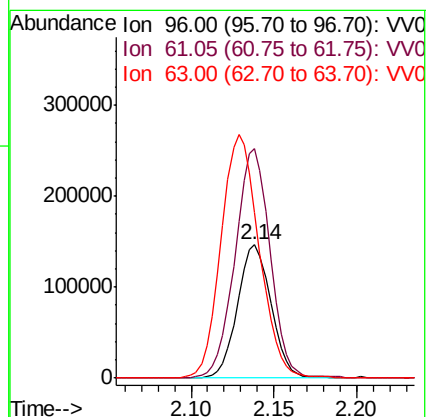
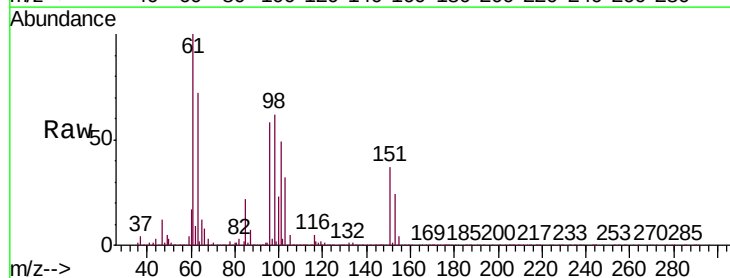
Tgt Ion: 96 Resp: 206535

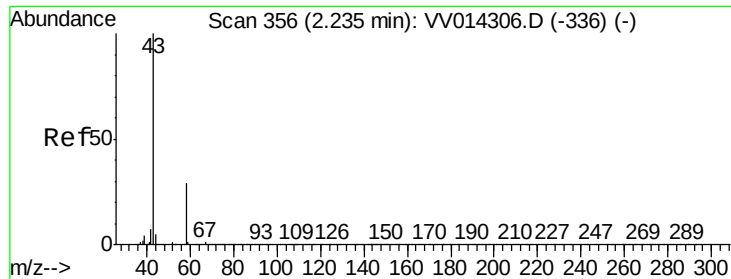
Ion Ratio Lower Upper

96 100

61 172.6 123.2 228.8

63 124.9 85.6 159.0





#13

Acetone

Concen: 48.394 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.00 min

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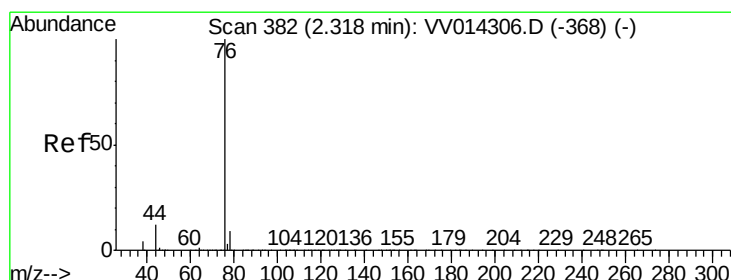
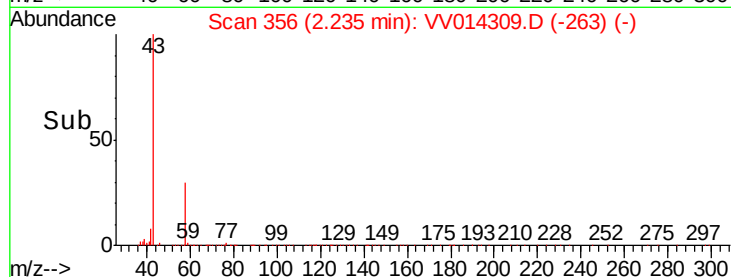
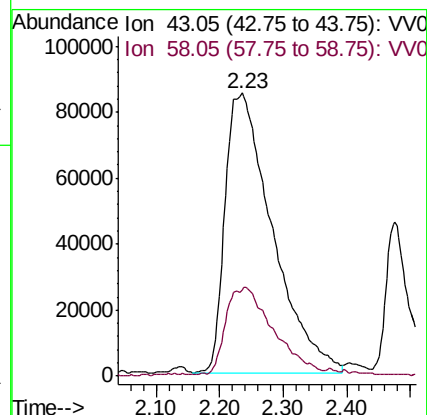
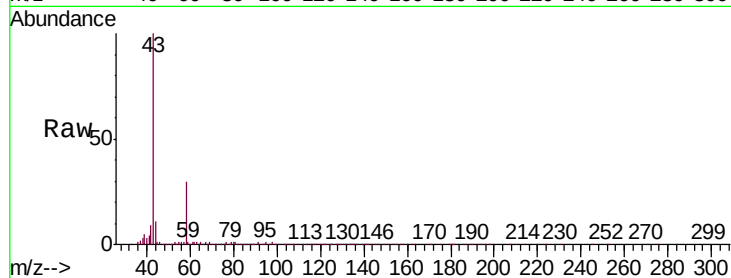
VICV356

Tgt Ion: 43 Resp: 438266

Ion Ratio Lower Upper

43 100

58 9.6 0.0 25.8



#14

Carbon disulfide

Concen: 5.345 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV014309.D

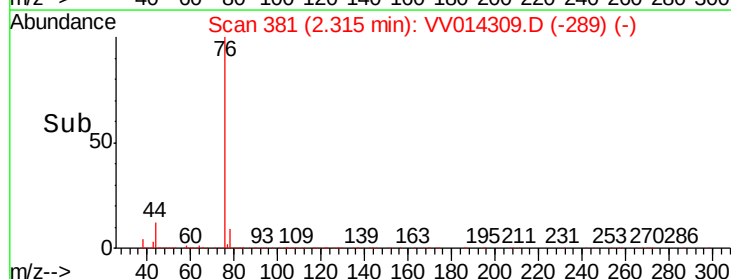
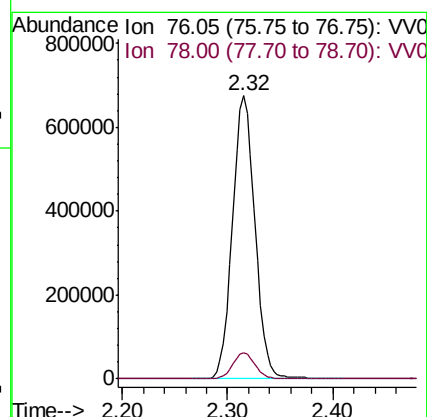
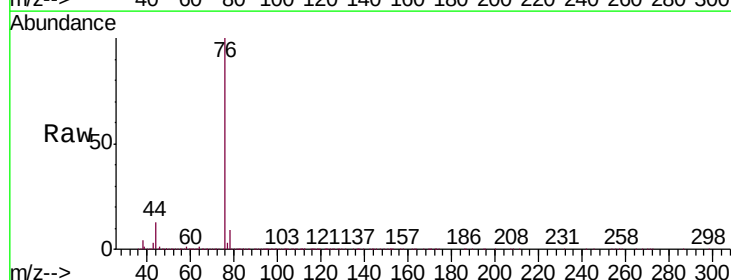
Acq: 15 Jan 2020 11:55

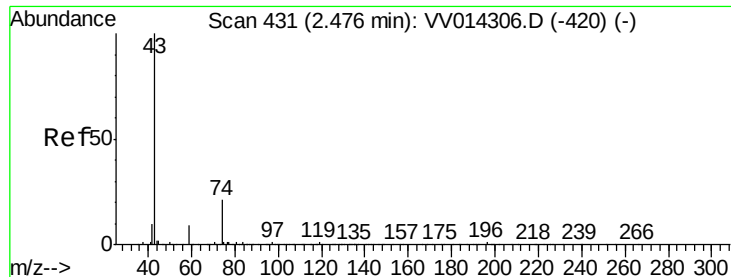
Tgt Ion: 76 Resp: 995462

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 5.430 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

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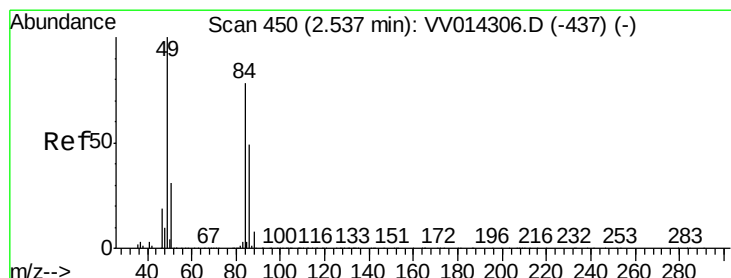
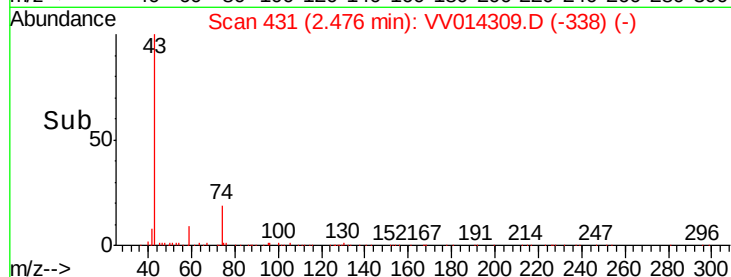
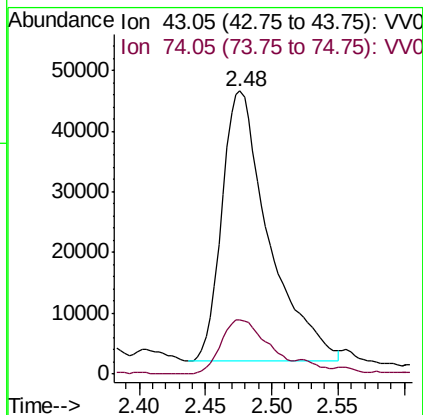
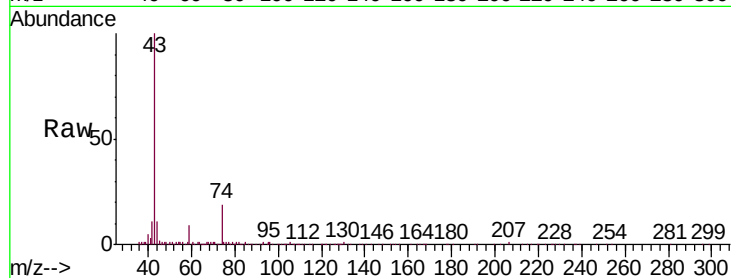
VICV356

Tgt Ion: 43 Resp: 109294

Ion Ratio Lower Upper

43 100

74 20.1 18.6 28.0



#16

Methylene chloride

Concen: 5.120 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

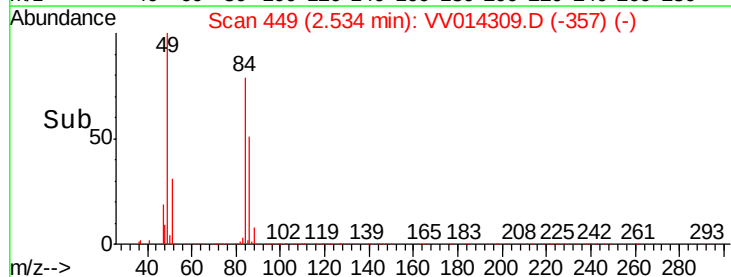
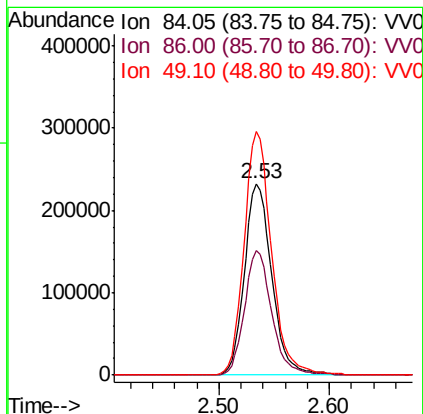
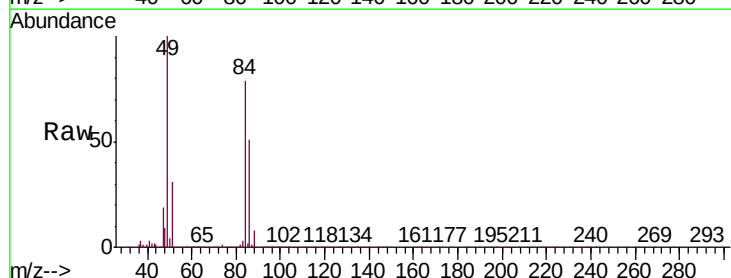
Tgt Ion: 84 Resp: 400033

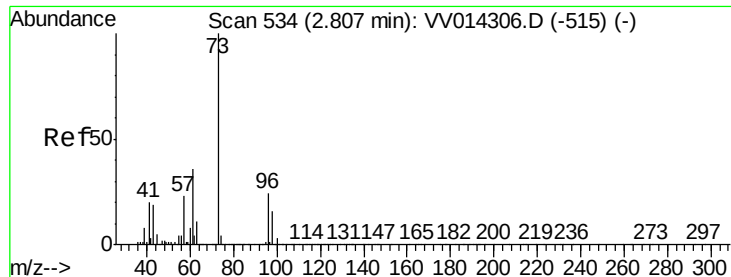
Ion Ratio Lower Upper

84 100

86 64.9 44.4 82.4

49 127.1 90.2 167.6

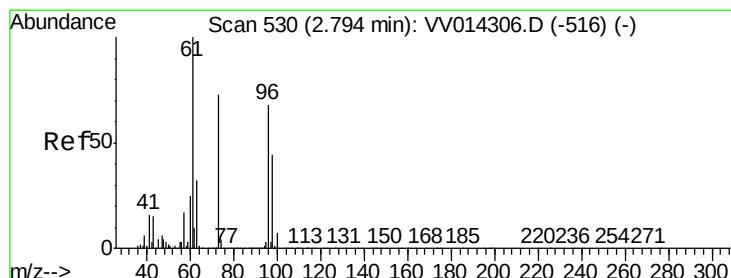
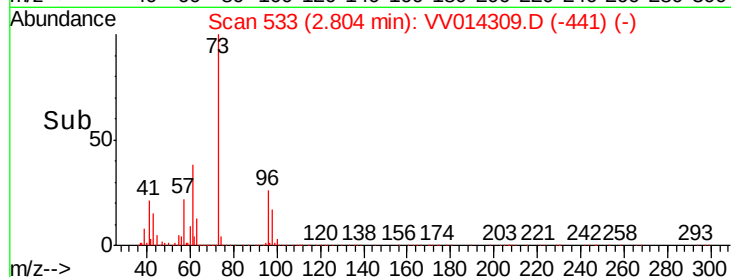
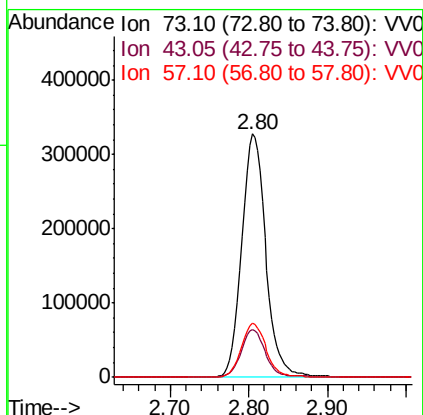
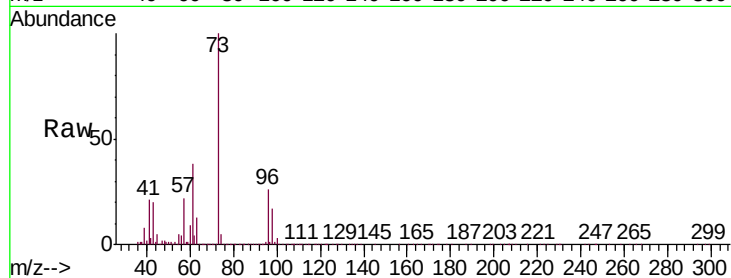




#17
Methyl tert-butyl Ether
Concen: 5.255 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

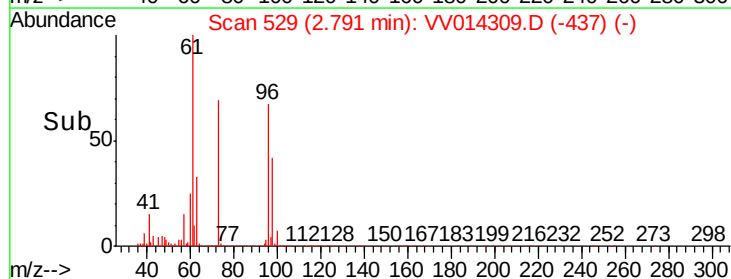
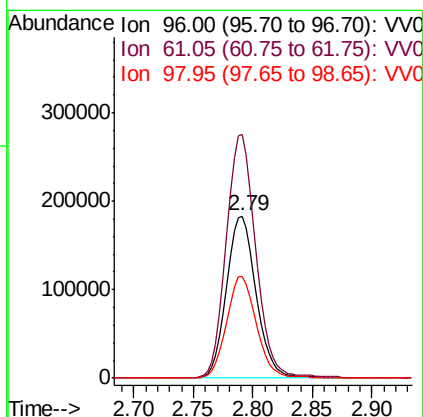
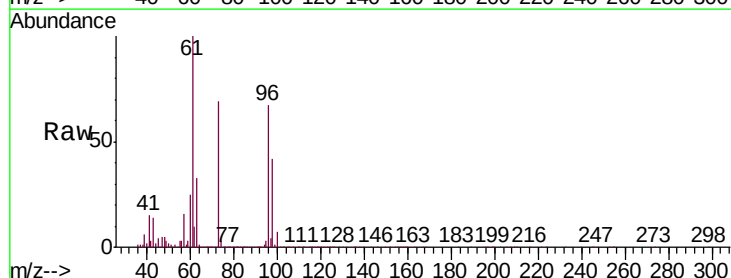
Instrument :
MSVOA_V
ClientSampleId :
VICV356

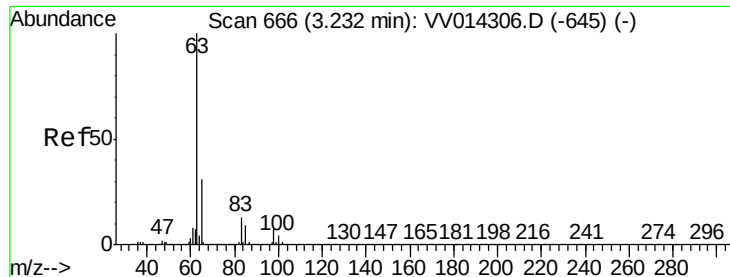
Tgt Ion: 73 Resp: 705001
Ion Ratio Lower Upper
73 100
43 19.5 15.4 23.0
57 22.4 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.263 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Tgt Ion: 96 Resp: 317442
Ion Ratio Lower Upper
96 100
61 150.2 102.9 191.1
98 62.8 45.8 85.0

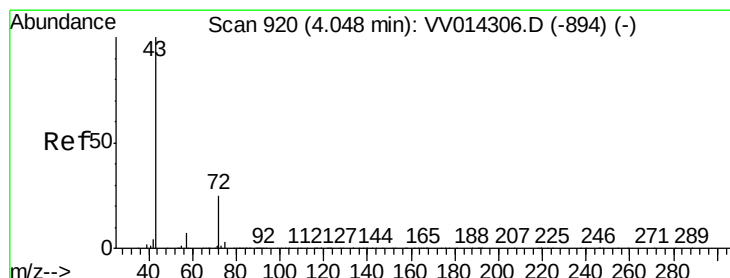
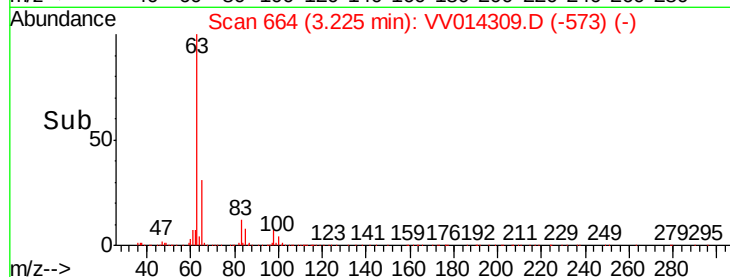
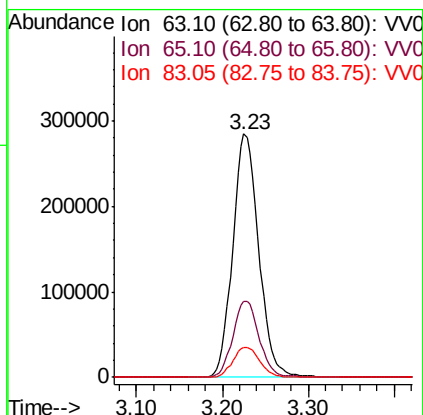
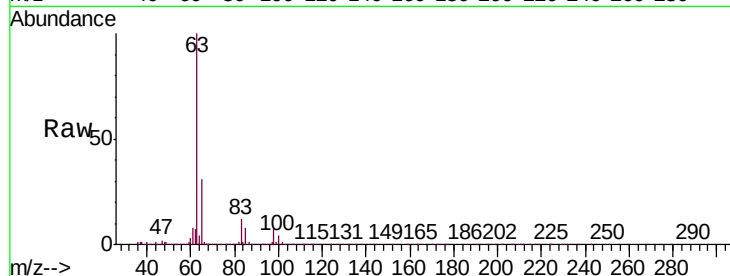




#19
 1,1-Dichloroethane
 Concen: 5.296 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

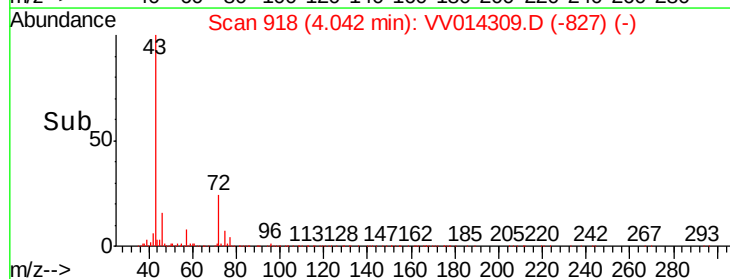
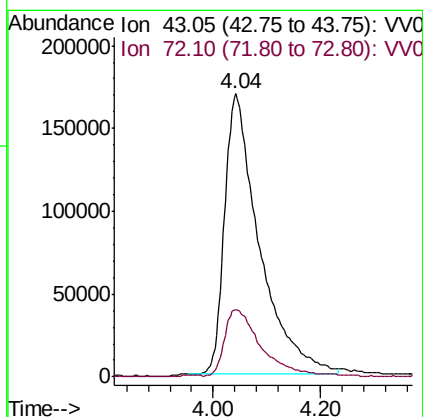
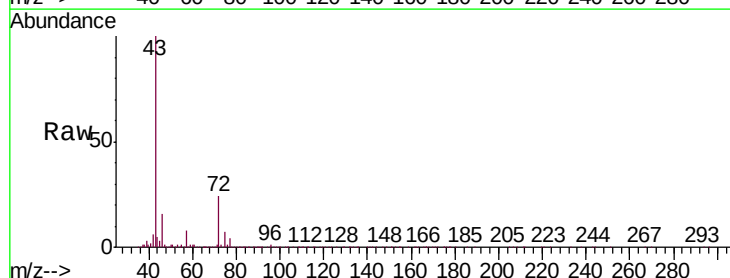
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

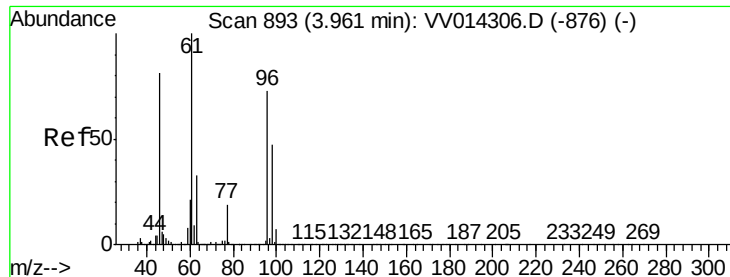
Tgt Ion:	63	Resp:	596628
Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.6	40.0
83	12.2	9.0	16.8



#21
 2-Butanone
 Concen: 53.515 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion:	43	Resp:	763225
Ion	Ratio	Lower	Upper
43	100		
72	24.1	12.2	36.6



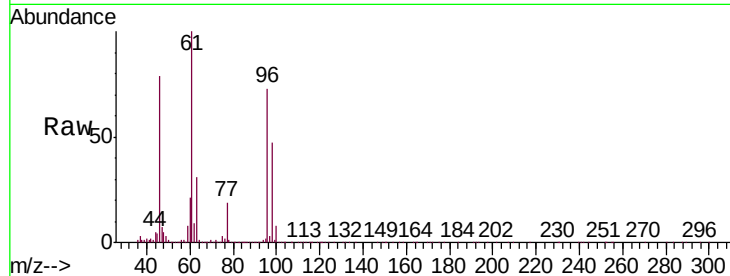


#22

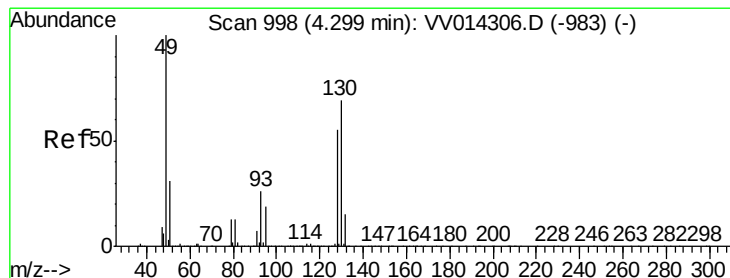
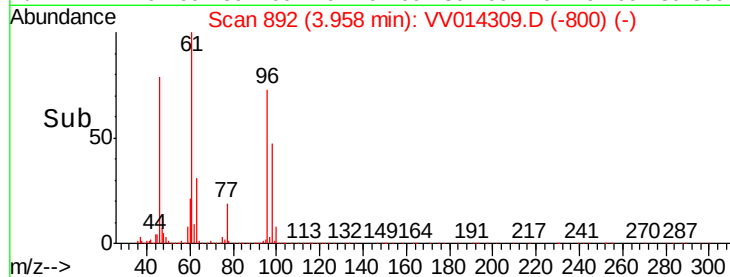
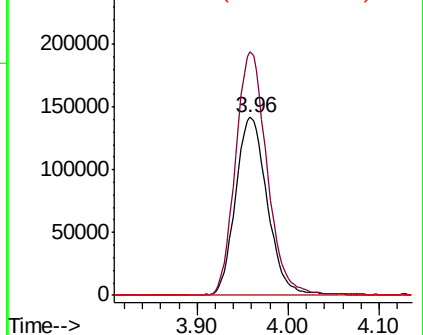
cis-1,2-Dichloroethene
Concen: 5.351 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Instrument :
MSVOA_V
ClientSampleId :
VICV356

Tgt Ion: 96 Resp: 342857
Ion Ratio Lower Upper
96 100
61 136.7 95.5 177.3
68 0.3 0.1 0.3#



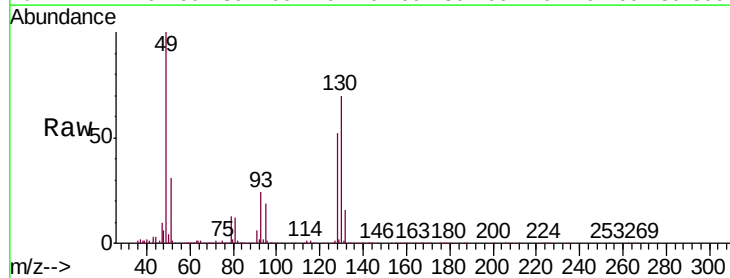
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



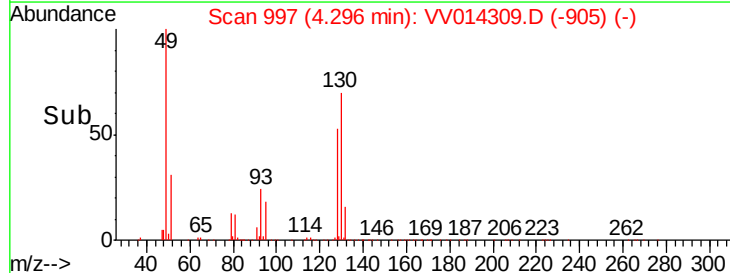
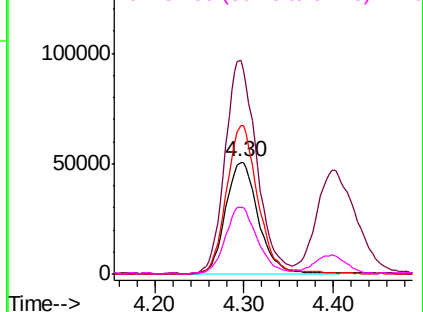
#23

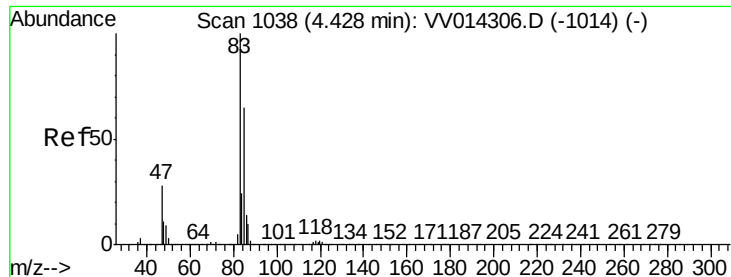
Bromochloromethane
Concen: 5.332 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Tgt Ion: 128 Resp: 128712
Ion Ratio Lower Upper
128 100
49 191.3 127.5 236.7
130 133.4 87.5 162.5
51 60.0 45.0 67.4



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0





#25

Chloroform

Concen: 5.492 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

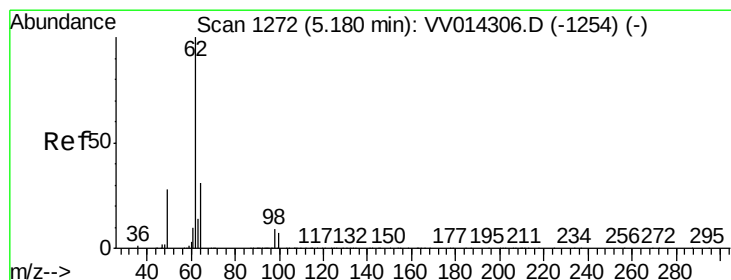
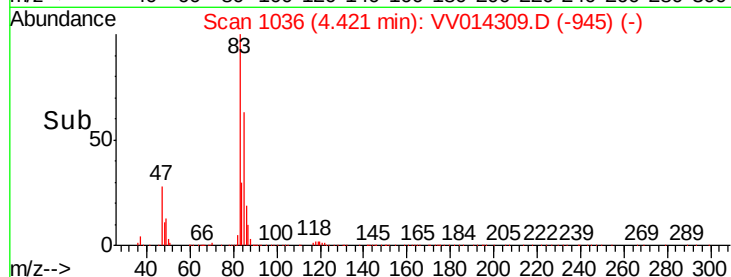
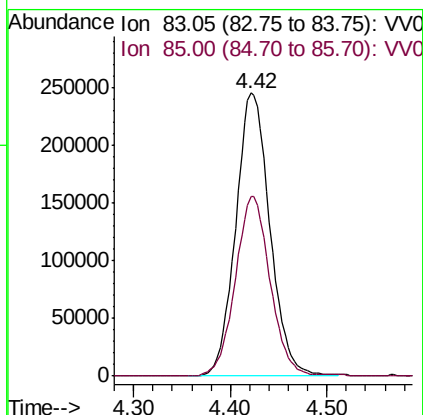
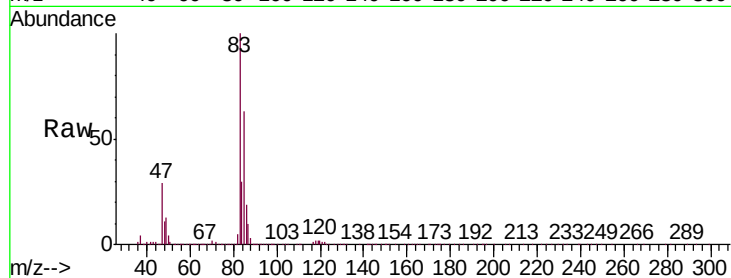
VICV356

Tgt Ion: 83 Resp: 601550

Ion Ratio Lower Upper

83 100

85 63.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.408 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV014309.D

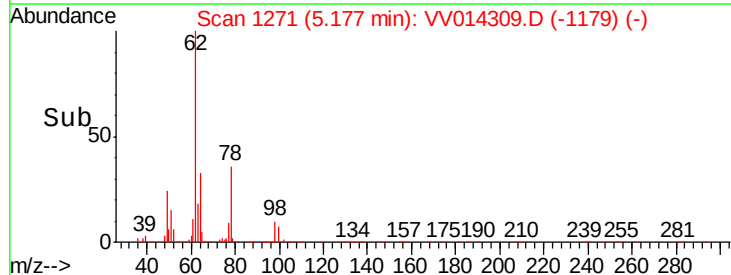
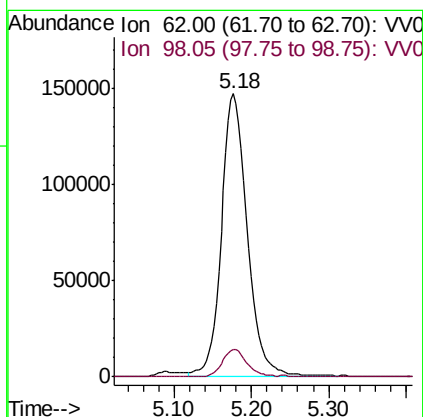
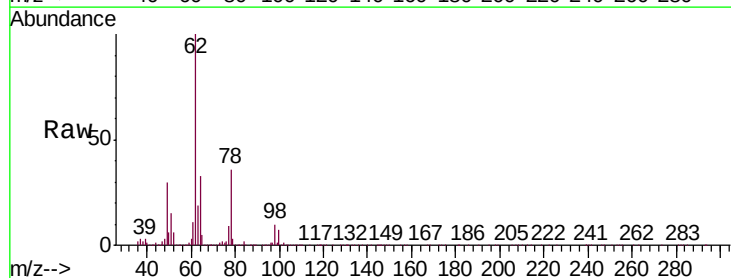
Acq: 15 Jan 2020 11:55

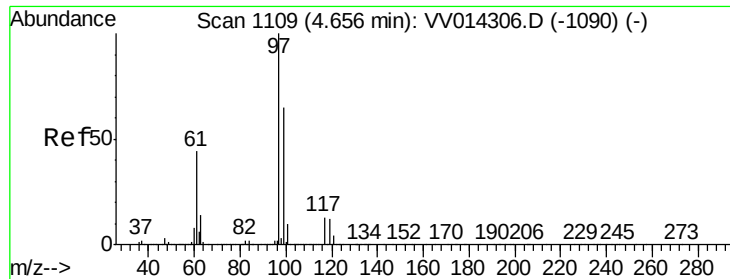
Tgt Ion: 62 Resp: 337260

Ion Ratio Lower Upper

62 100

98 9.6 7.1 10.7

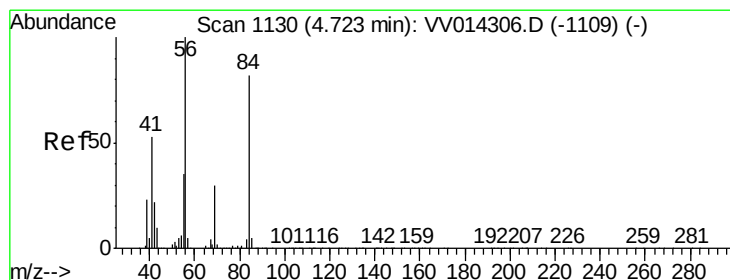
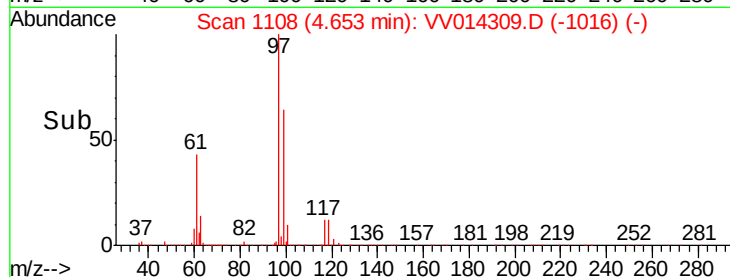
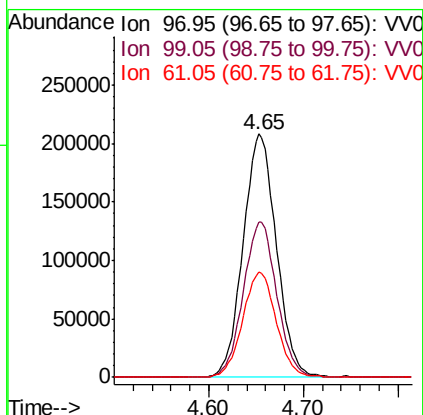
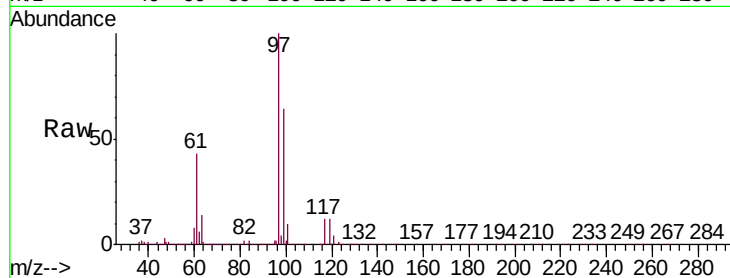




#29
 1,1,1-Trichloroethane
 Concen: 5.261 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

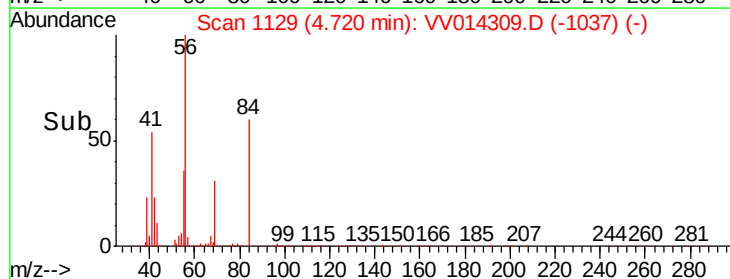
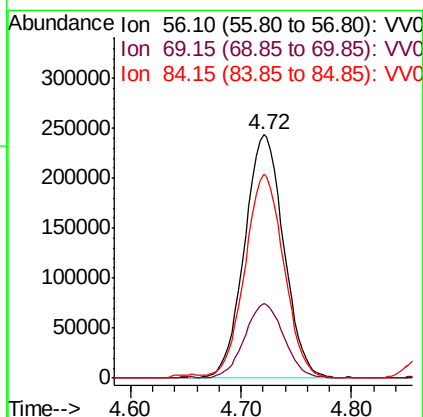
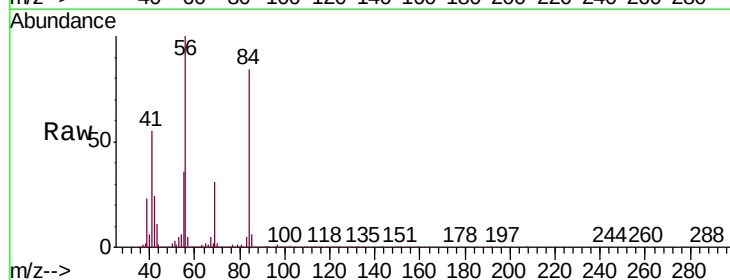
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

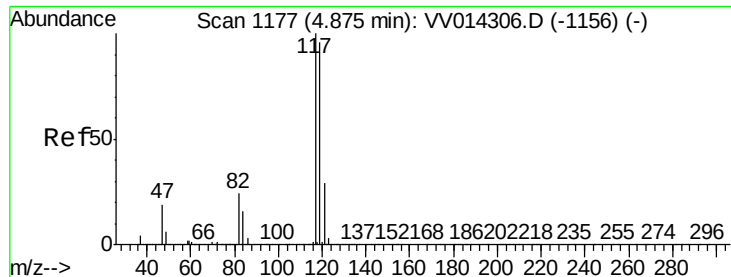
Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	43.7	34.2	51.4



#30
 Cyclohexane
 Concen: 5.119 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.4	36.6
84	83.6	65.8	98.8





#31

Carbon tetrachloride

Concen: 5.148 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

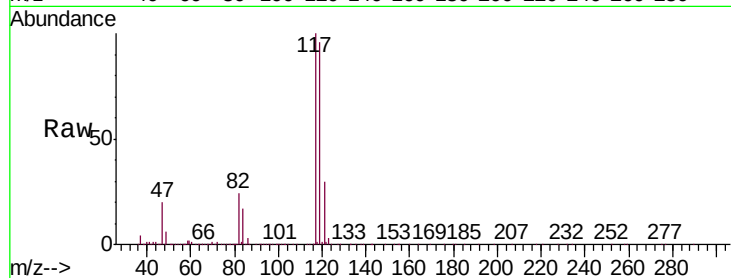
VICV356

Tgt Ion:117 Resp: 427004

Ion Ratio Lower Upper

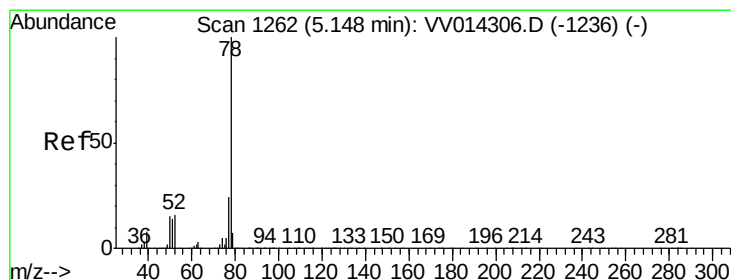
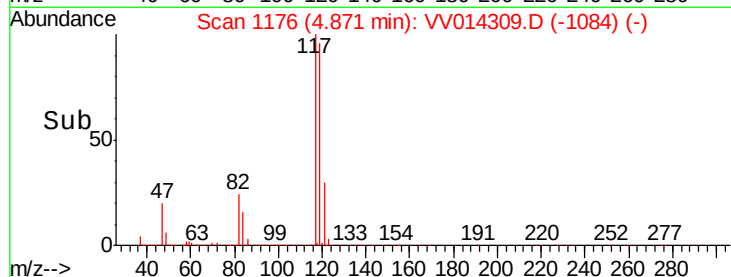
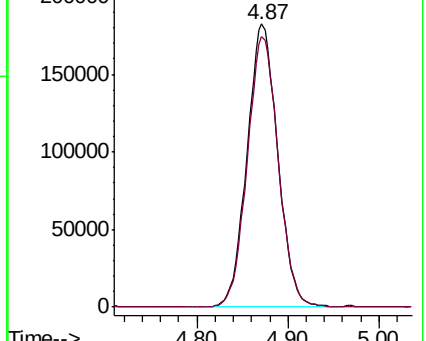
117 100

119 96.6 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.183 ug/L

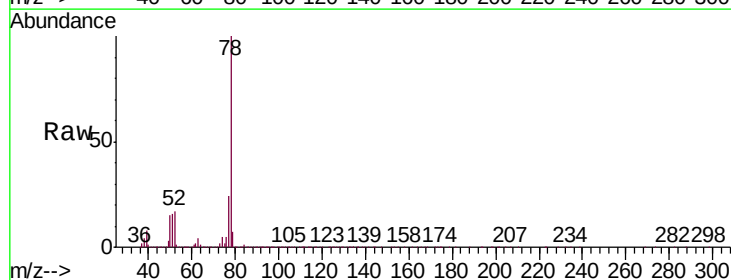
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

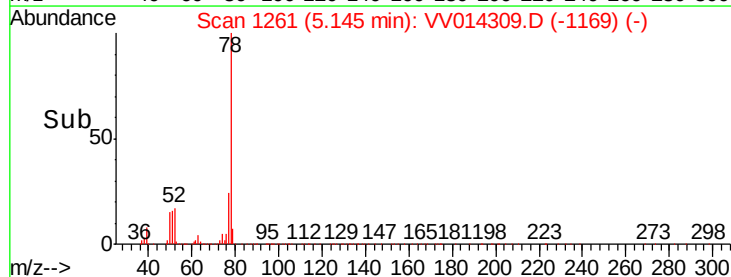
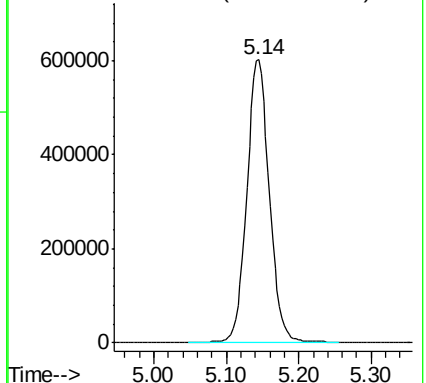
Lab File: VV014309.D

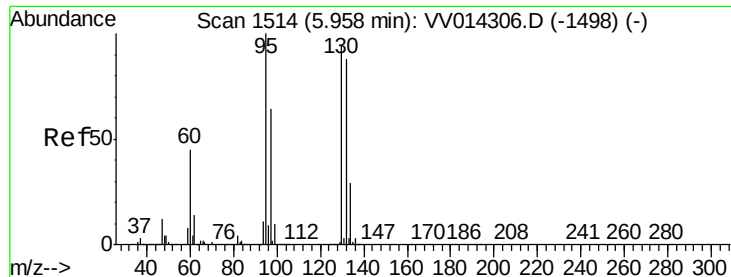
Acq: 15 Jan 2020 11:55

Tgt Ion: 78 Resp: 1302292



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.163 ug/L

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

VICV356

Tgt Ion: 95 Resp: 335612

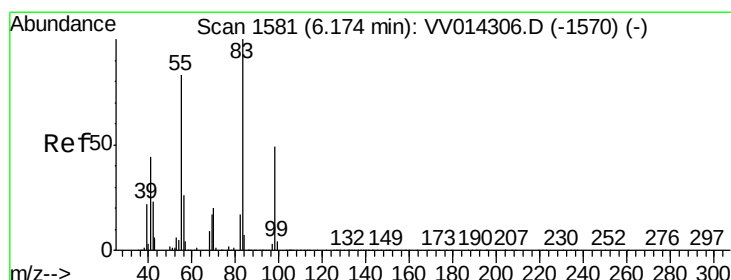
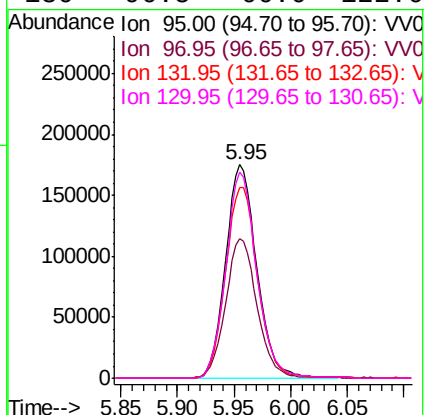
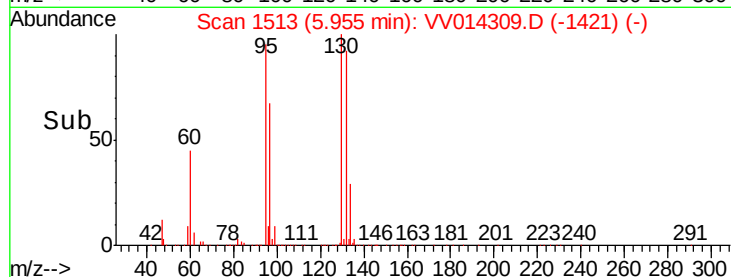
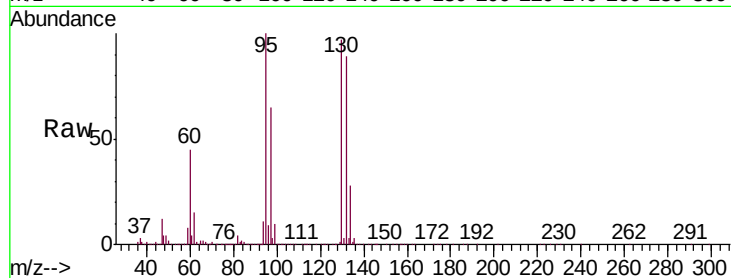
Ion Ratio Lower Upper

95 100

97 65.2 44.5 82.7

132 89.1 61.7 114.7

130 96.5 66.0 122.6



#35

Methylcyclohexane

Concen: 5.180 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

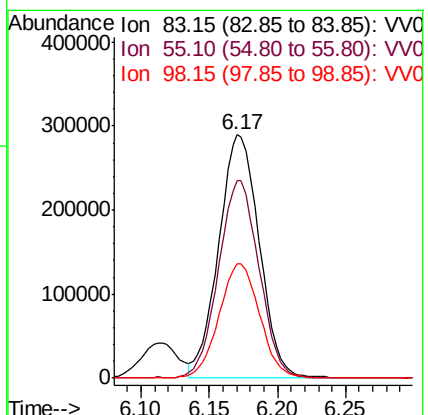
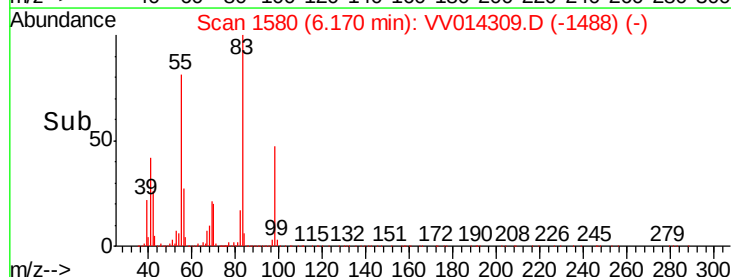
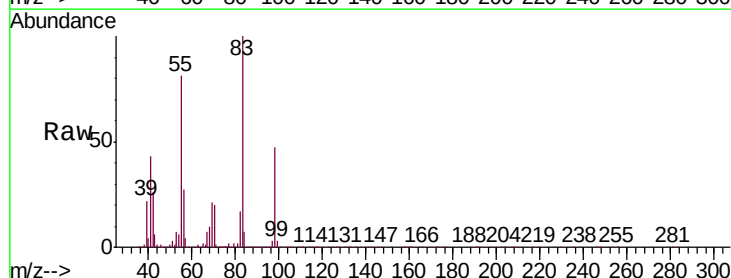
Tgt Ion: 83 Resp: 595942

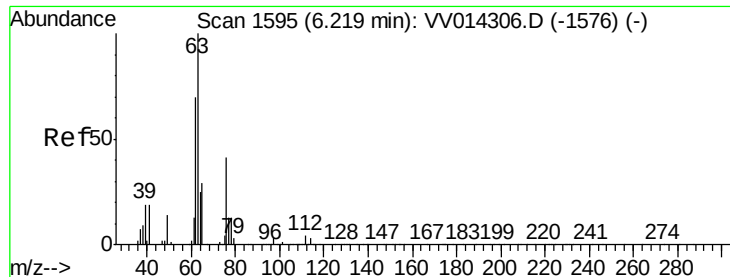
Ion Ratio Lower Upper

83 100

55 80.9 65.5 98.3

98 47.4 38.3 57.5

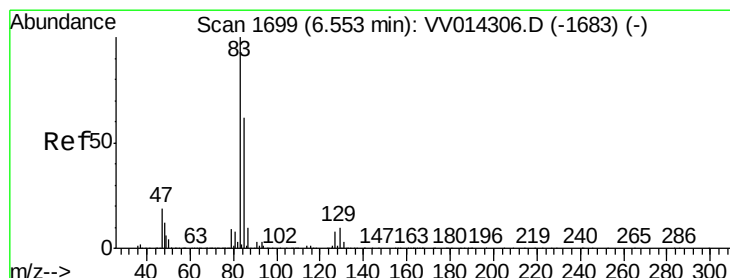
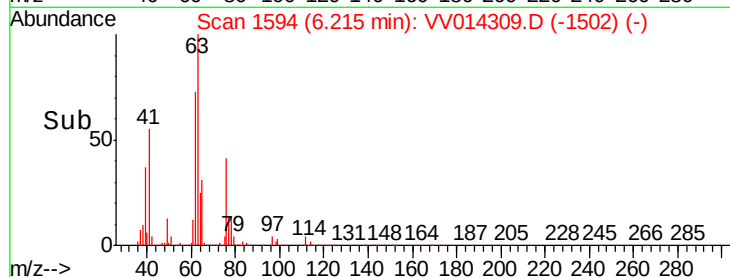
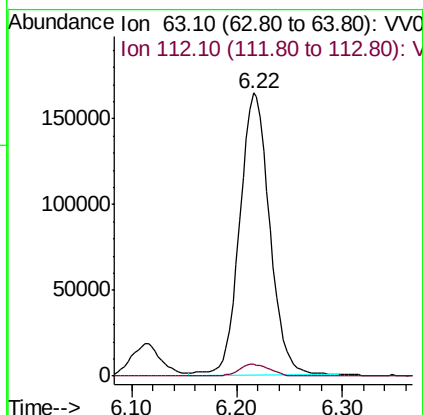
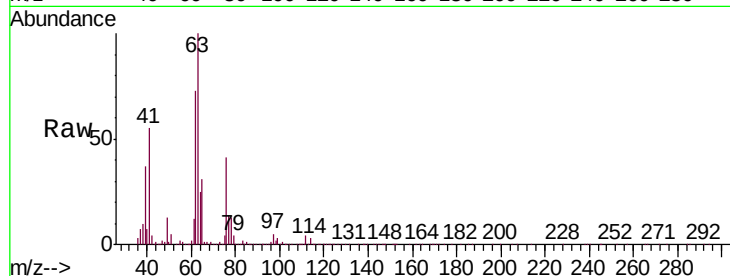




#37
 1,2-Dichloropropane
 Concen: 5.293 ug/L
 RT: 6.22 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

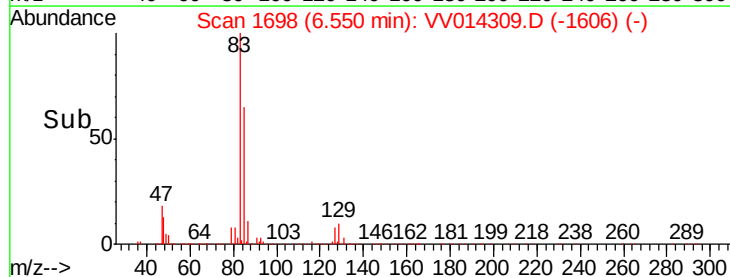
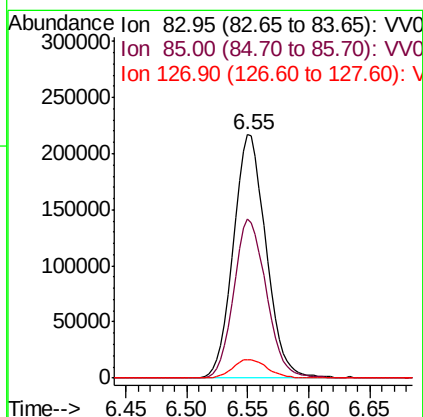
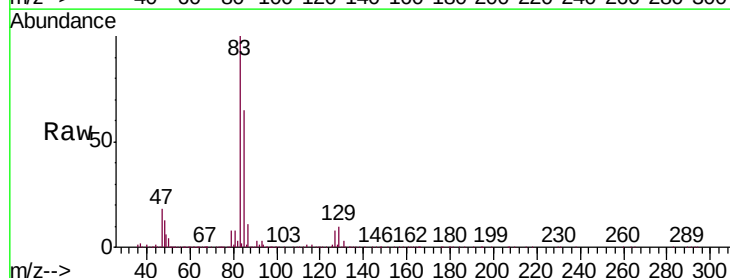
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

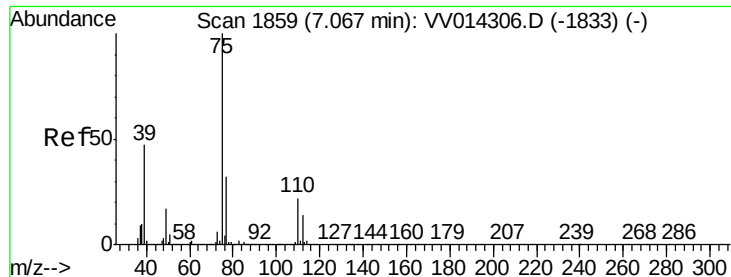
Tgt Ion: 63 Resp: 325721
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.3 4.9



#38
 Bromodichloromethane
 Concen: 5.166 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion: 83 Resp: 402341
 Ion Ratio Lower Upper
 83 100
 85 65.2 43.5 80.9
 127 7.8 6.8 10.2

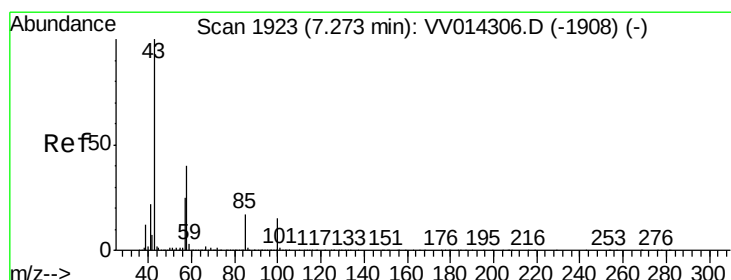
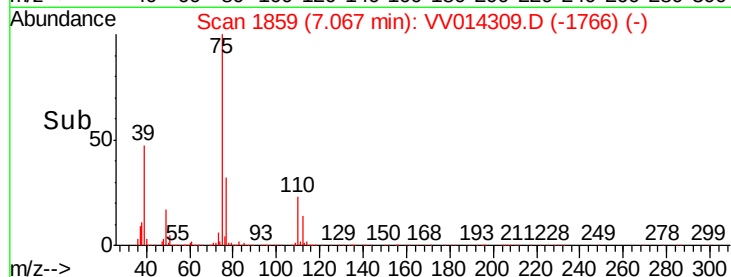
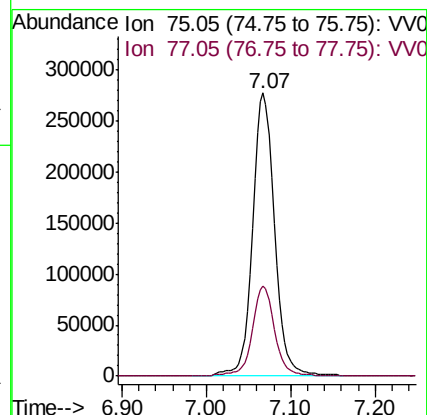
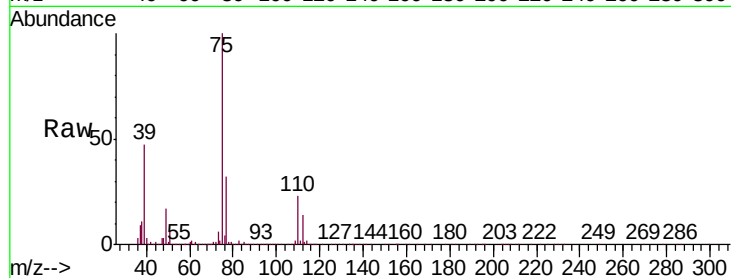




#39
 cis-1,3-Dichloropropene
 Concen: 5.218 ug/L
 RT: 7.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

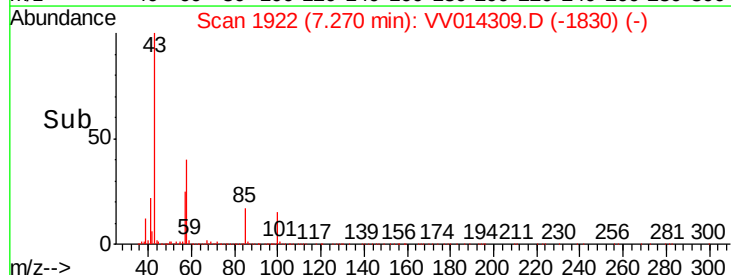
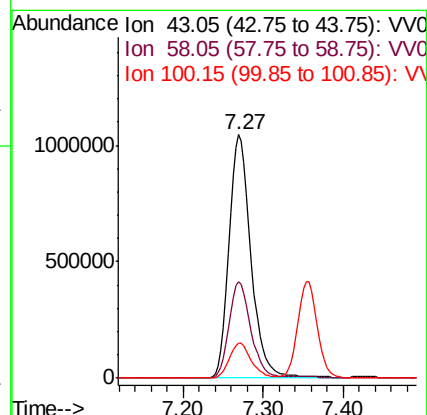
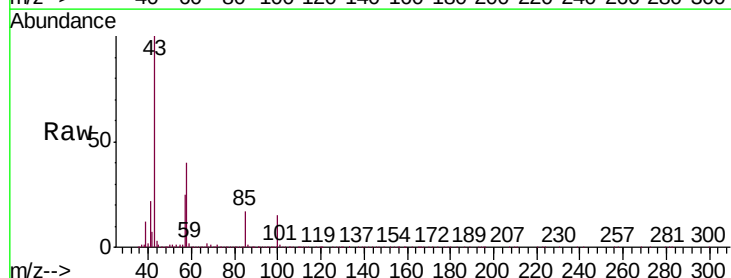
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

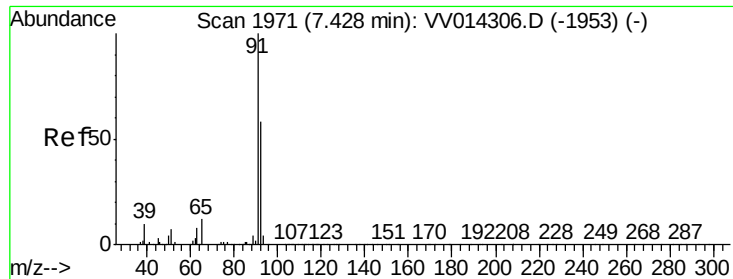
Tgt Ion: 75 Resp: 504524
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 53.594 ug/L
 RT: 7.27 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion: 43 Resp: 1969086
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.3 46.9
 100 14.4 11.7 17.5





#42

Toluene

Concen: 5.156 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

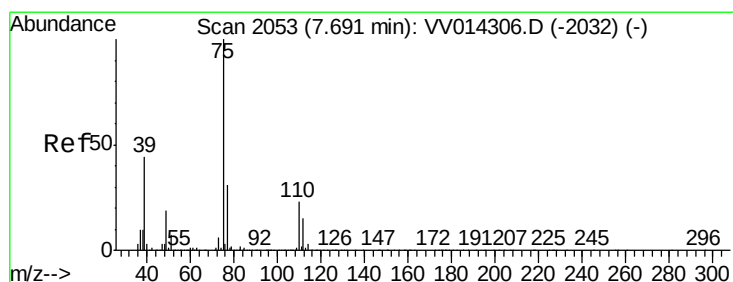
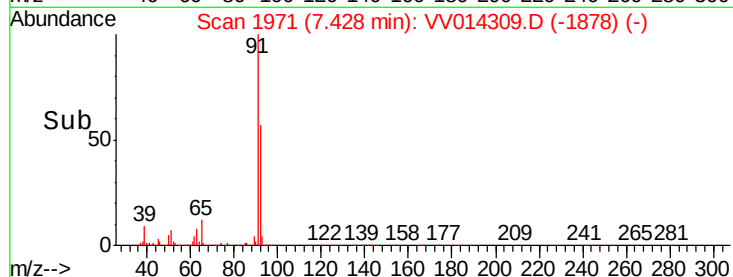
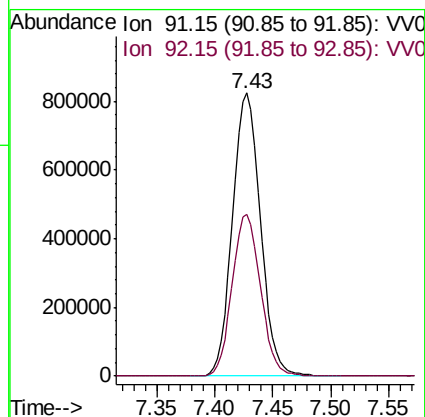
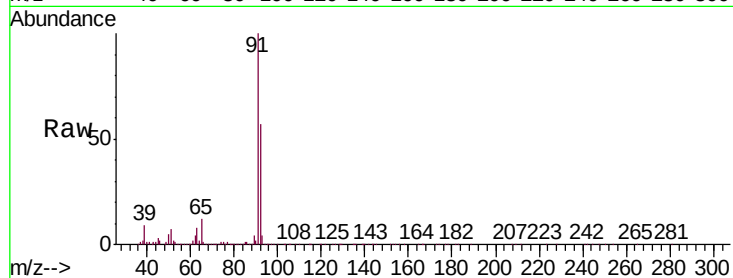
VICV356

Tgt Ion: 91 Resp: 1376977

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.372 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VV014309.D

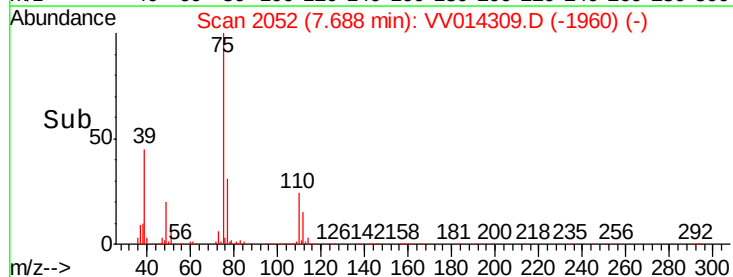
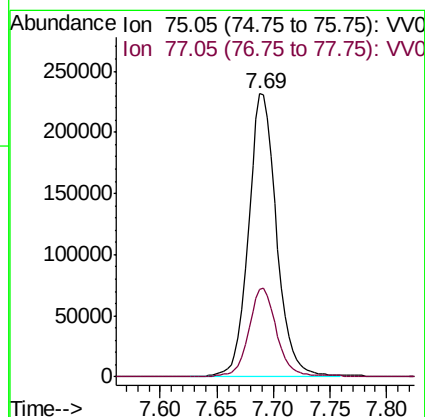
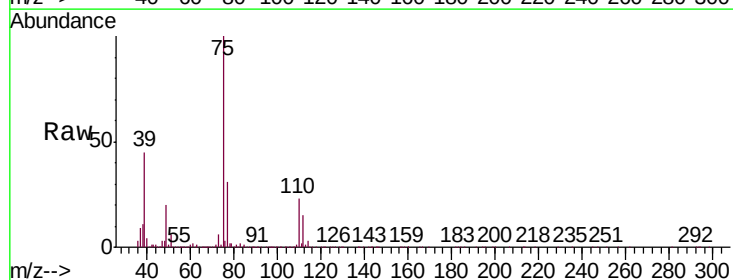
Acq: 15 Jan 2020 11:55

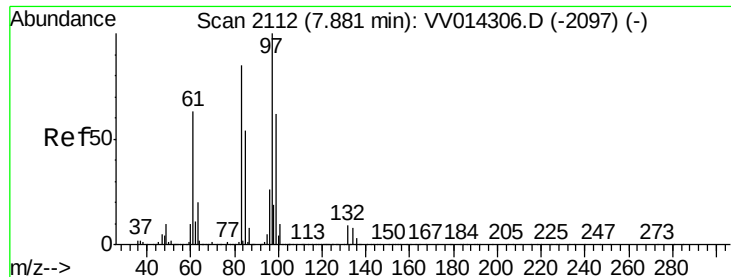
Tgt Ion: 75 Resp: 398589

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7

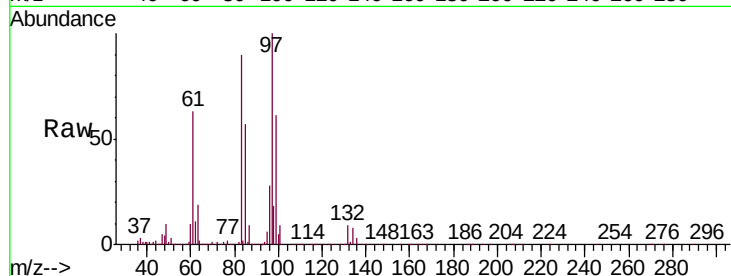




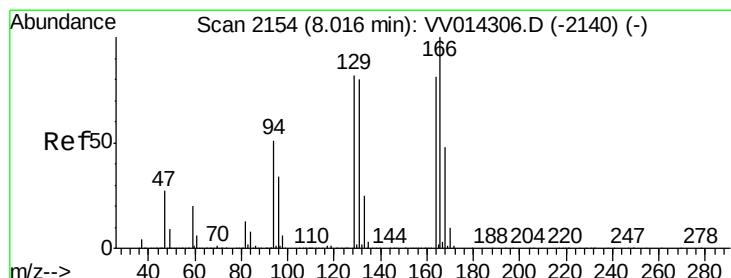
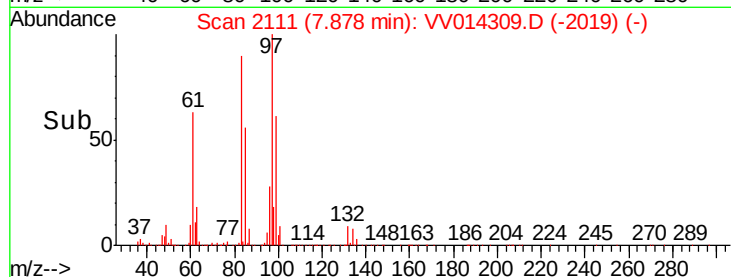
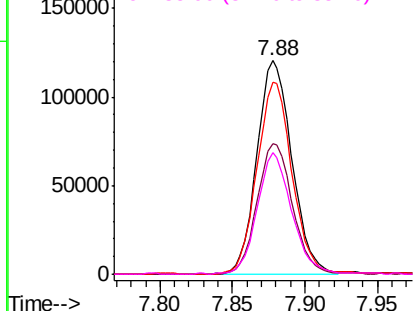
#45
 1,1,2-Trichloroethane
 Concen: 5.246 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

Tgt Ion:	97	Resp:	203722
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.2	80.2
83	89.7	59.7	110.9
85	56.7	38.0	70.6

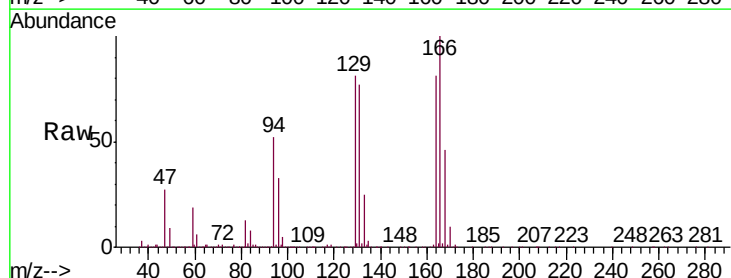


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

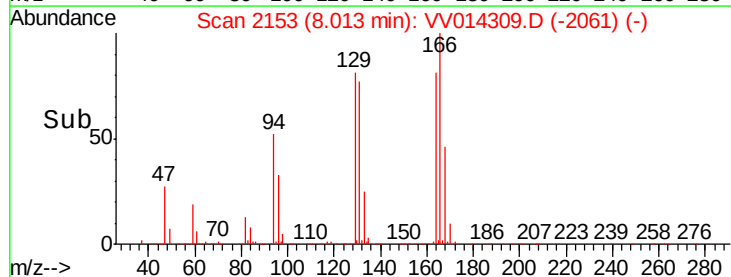
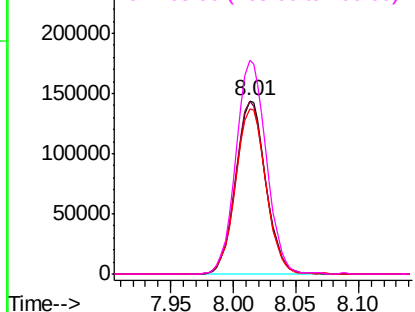


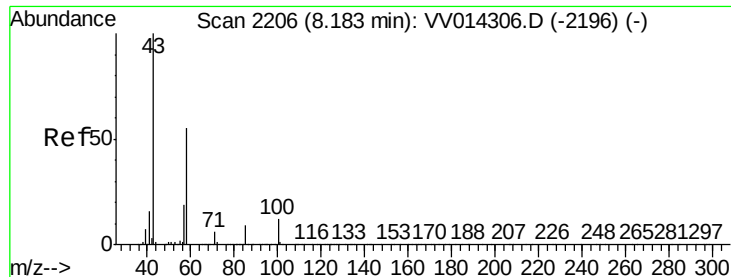
#47
 Tetrachloroethene
 Concen: 5.336 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion:	164	Resp:	239198
Ion	Ratio	Lower	Upper
164	100		
129	99.9	70.6	131.0
131	95.5	68.7	127.5
166	123.4	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



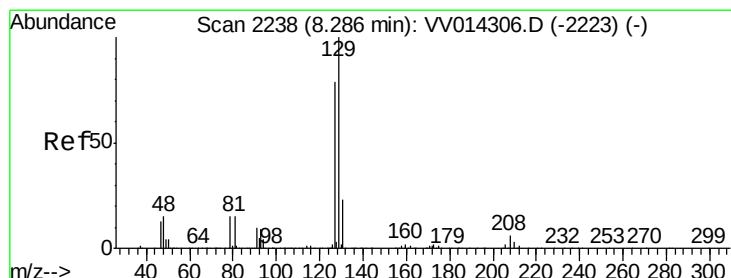
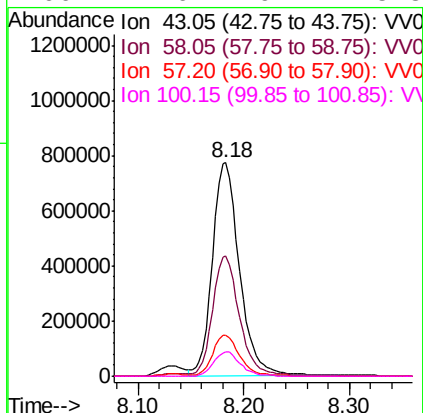
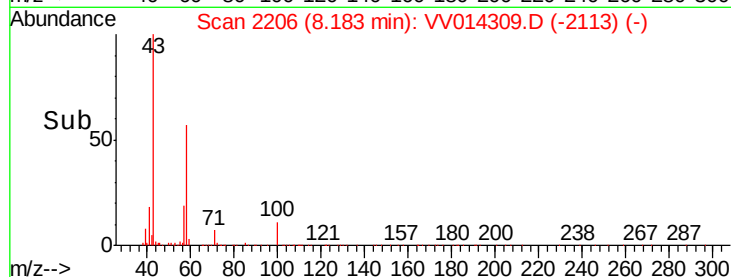
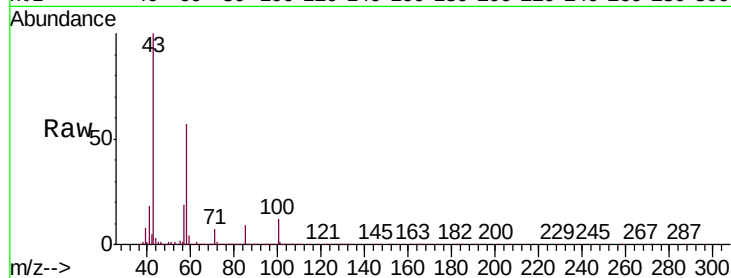


#48
2-Hexanone
Concen: 54.780 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Instrument :
MSVOA_V
ClientSampleId :
VICV356

Tgt Ion: 43 Resp: 1378261

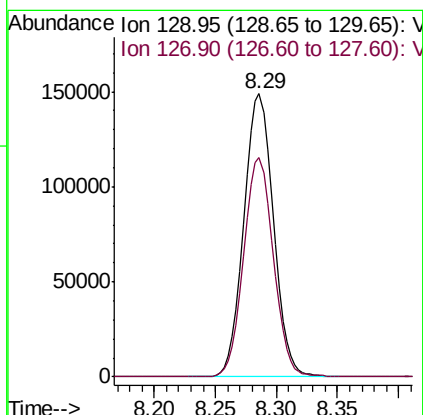
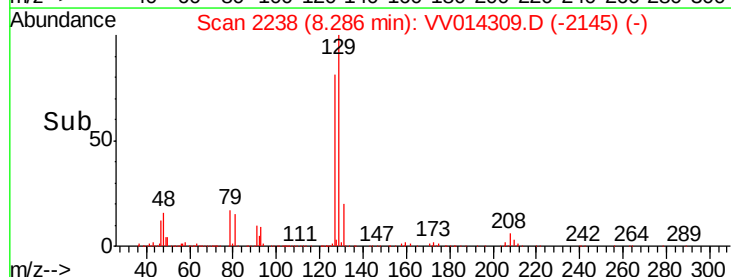
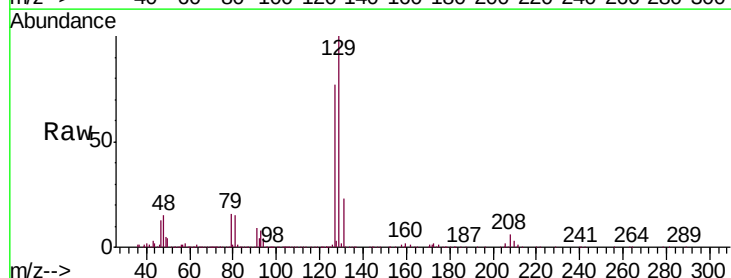
Ion	Ratio	Lower	Upper
43	100		
58	56.6	43.9	65.9
57	18.9	14.9	22.3
100	11.6	9.2	13.8

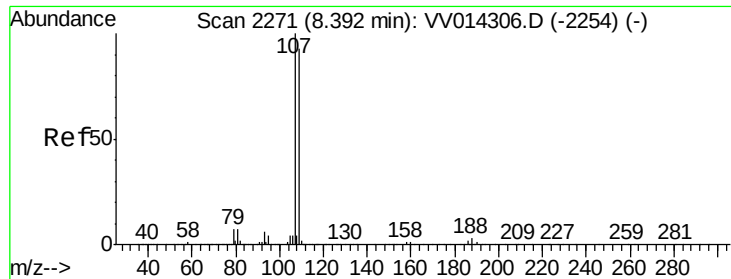


#49
Dibromochloromethane
Concen: 5.214 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Tgt Ion: 129 Resp: 249250

Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.4	102.8

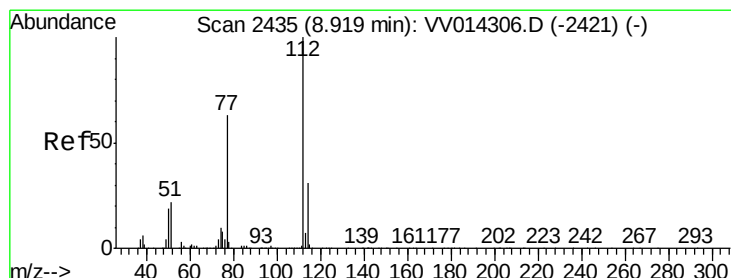
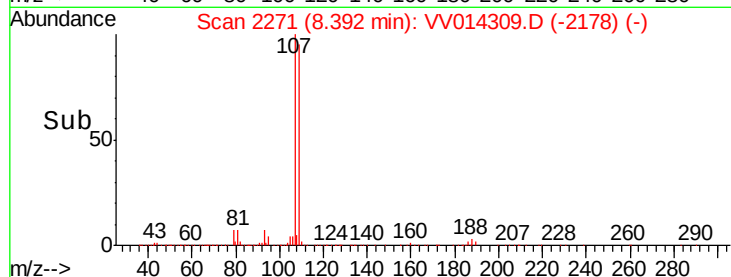
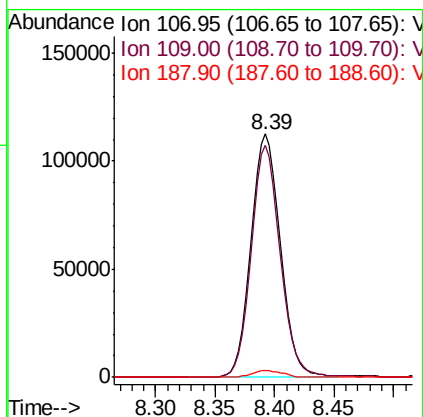
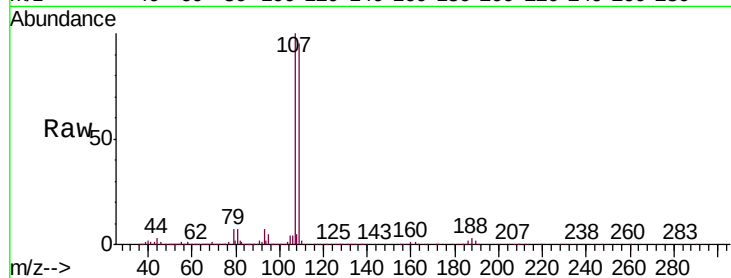




#50
1,2-Dibromoethane
Concen: 5.332 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

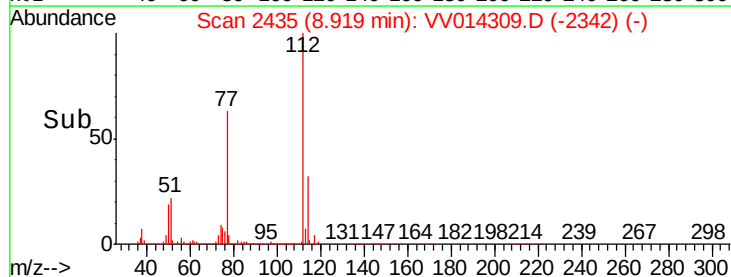
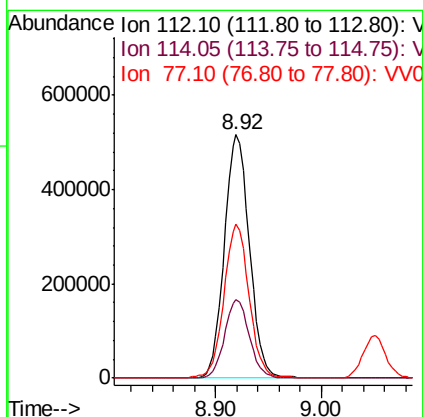
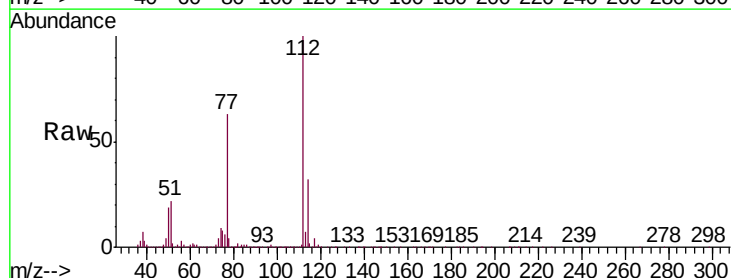
Instrument :
MSVOA_V
ClientSampleId :
VICV356

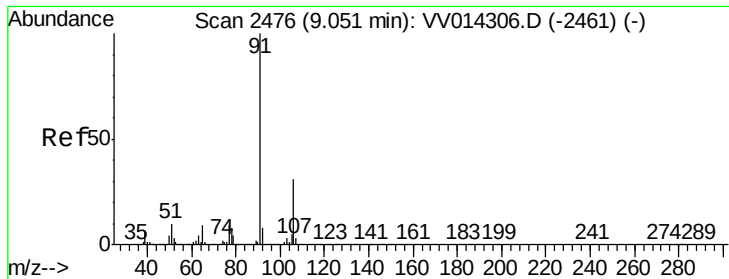
Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.2	121.2
188	3.0	2.6	3.8



#51
Chlorobenzene
Concen: 5.201 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.5	39.9
77	63.3	51.0	76.4





#52

Ethylbenzene

Concen: 5.227 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

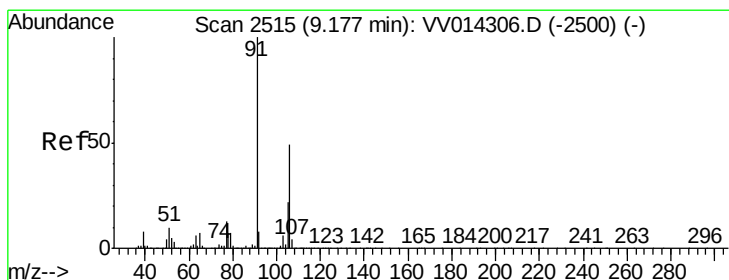
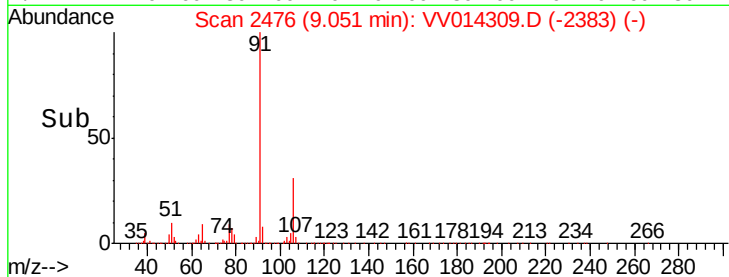
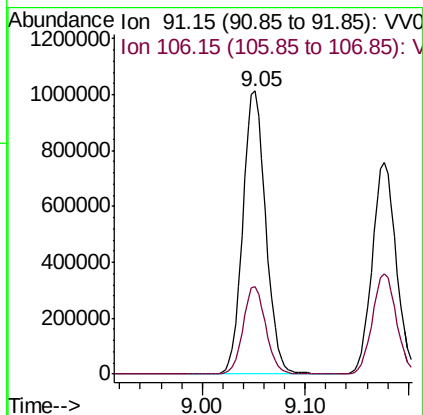
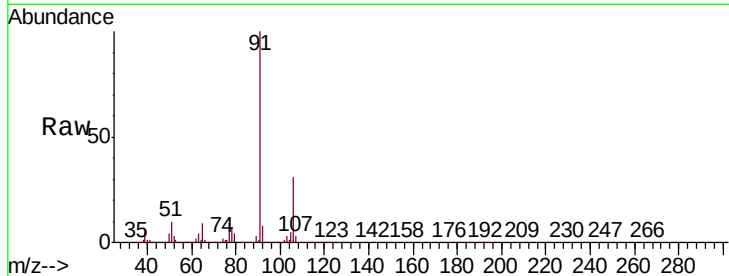
VICV356

Tgt Ion: 91 Resp: 1569348

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9



#53

m,p-xylene

Concen: 5.253 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV014309.D

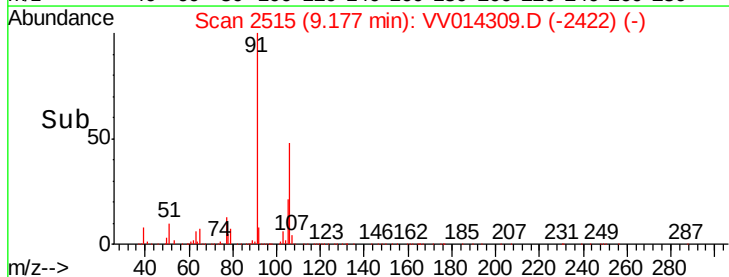
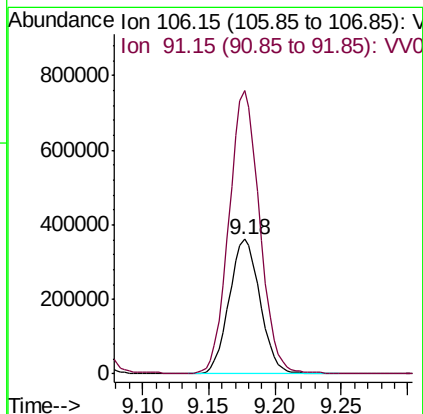
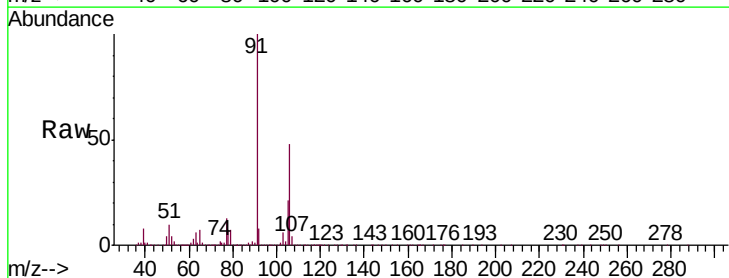
Acq: 15 Jan 2020 11:55

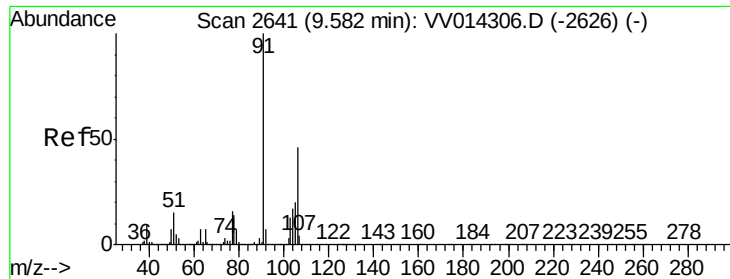
Tgt Ion: 106 Resp: 582995

Ion Ratio Lower Upper

106 100

91 210.4 143.6 266.6

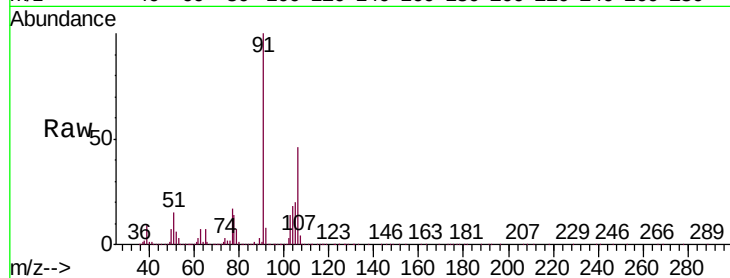




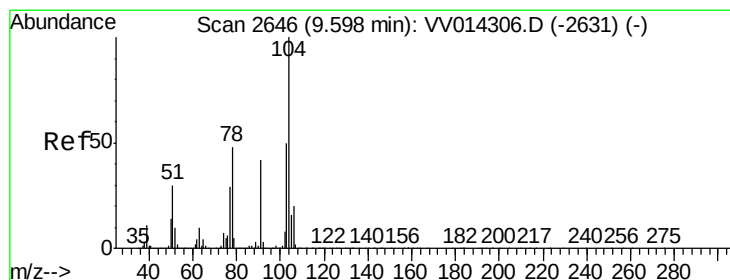
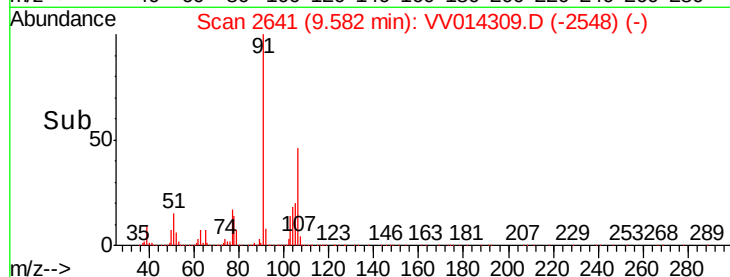
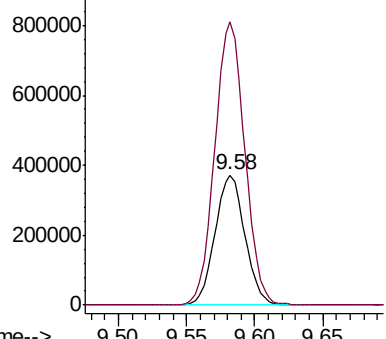
#54
o-xylene
Concen: 5.257 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Instrument :
MSVOA_V
ClientSampleId :
VICV356

Tgt Ion:106 Resp: 566418
Ion Ratio Lower Upper
106 100
91 218.1 153.0 284.2

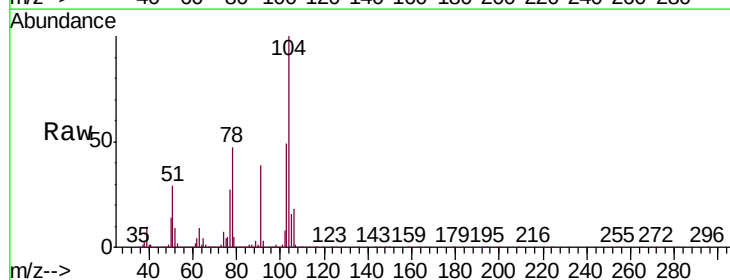


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

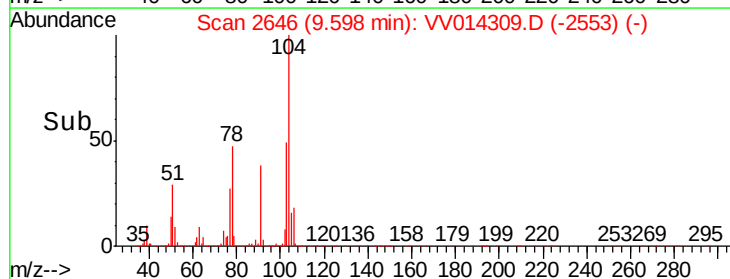
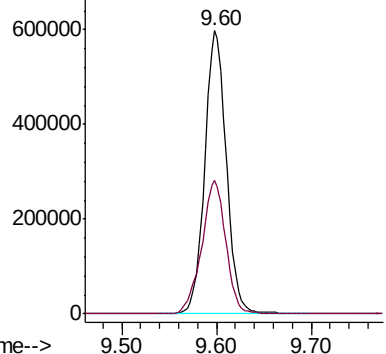


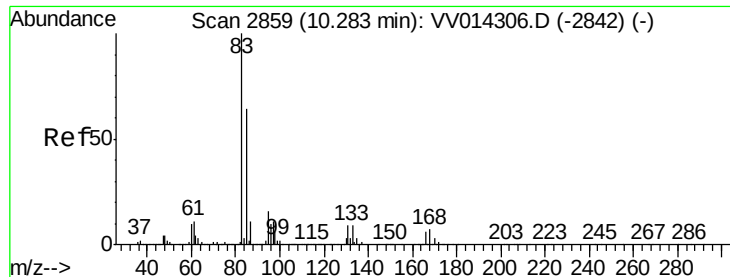
#55
Styrene
Concen: 5.322 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Tgt Ion:104 Resp: 948717
Ion Ratio Lower Upper
104 100
78 47.4 33.8 62.8



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0

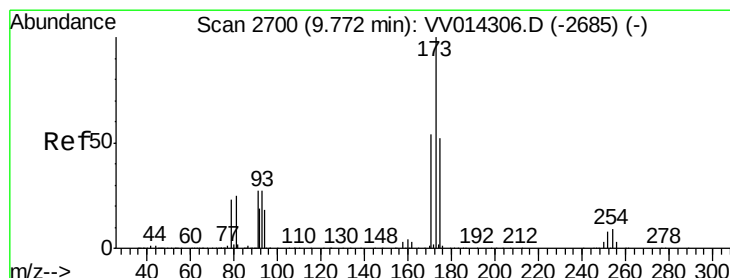
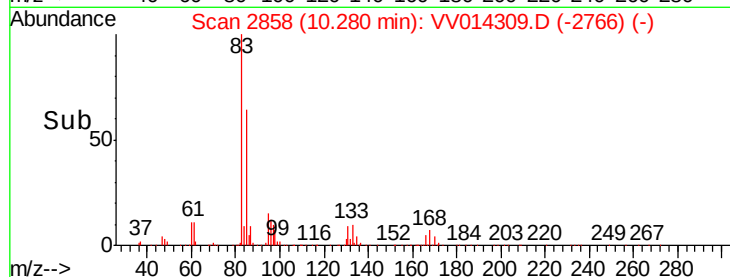
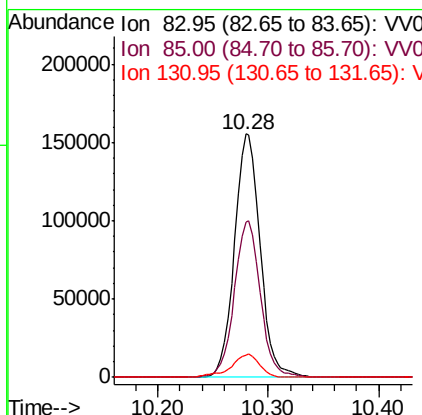
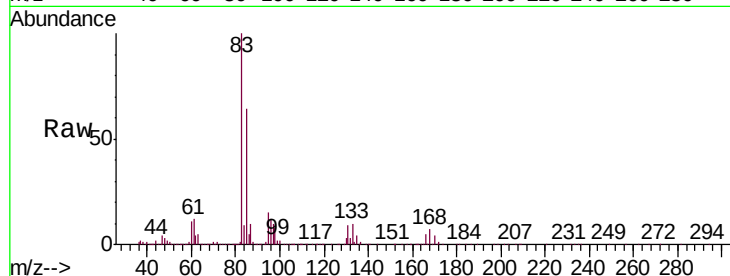




#57
1,1,2,2-Tetrachloroethane
Concen: 5.285 ug/L
RT: 10.28 min Scan# 2858
Delta R.T. -0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

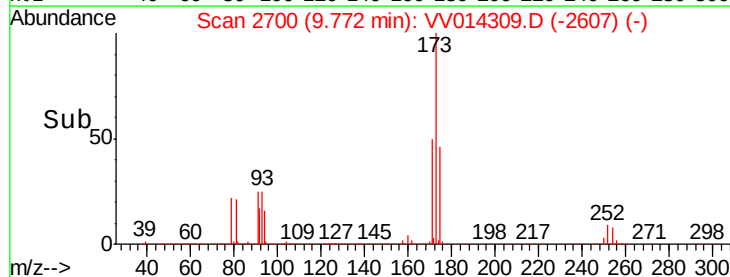
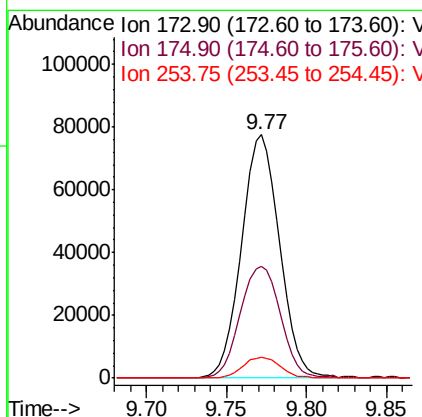
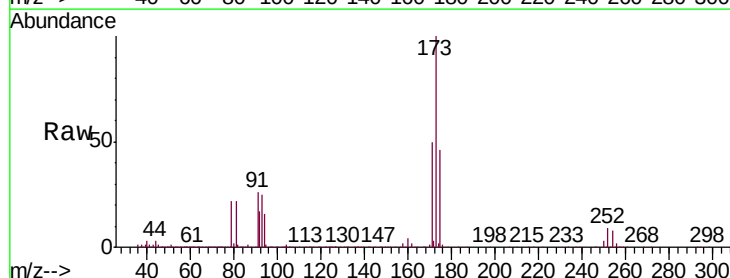
Instrument :
MSVOA_V
ClientSampleId :
VICV356

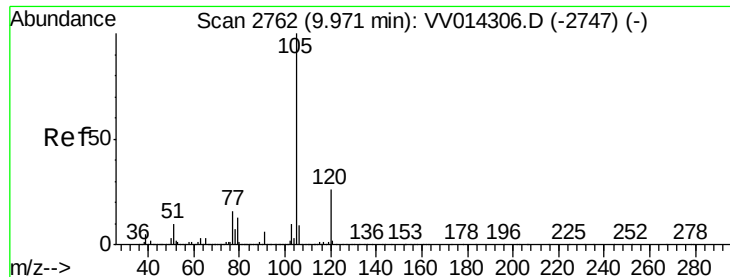
Tgt Ion: 83 Resp: 252281
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9
131 9.2 7.0 10.6



#59
Bromoform
Concen: 5.230 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VV014309.D
Acq: 15 Jan 2020 11:55

Tgt Ion: 173 Resp: 125917
Ion Ratio Lower Upper
173 100
175 48.8 40.4 60.6
254 8.4 7.2 10.8





#60

Isopropylbenzene

Concen: 5.176 ug/L

RT: 9.97 min Scan# 2761

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

VICV356

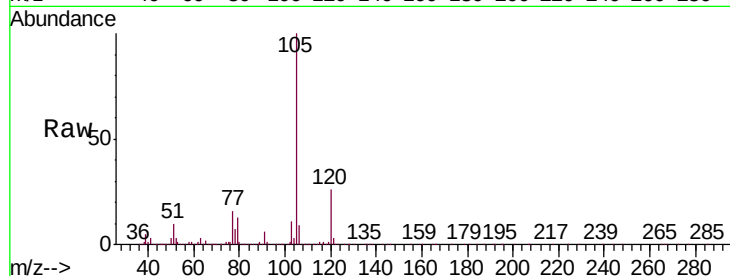
Tgt Ion: 105 Resp: 1508239

Ion Ratio Lower Upper

105 100

120 26.1 20.6 30.8

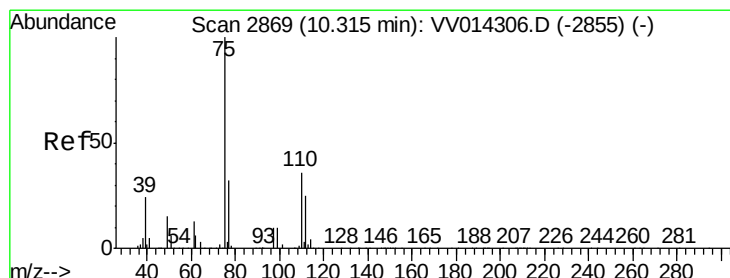
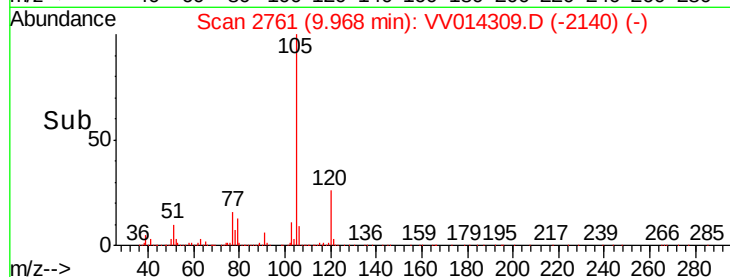
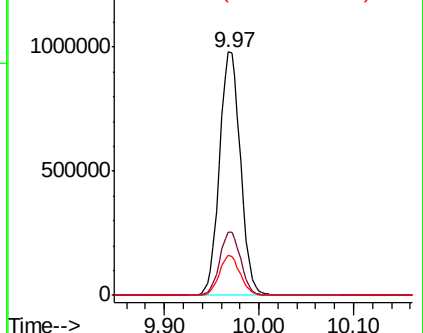
77 16.1 12.7 19.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 5.269 ug/L

RT: 10.31 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

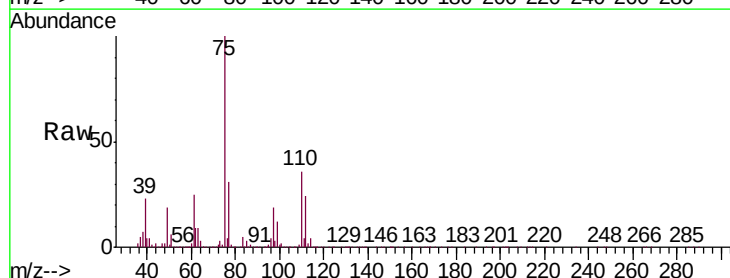
Tgt Ion: 75 Resp: 185765

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.4

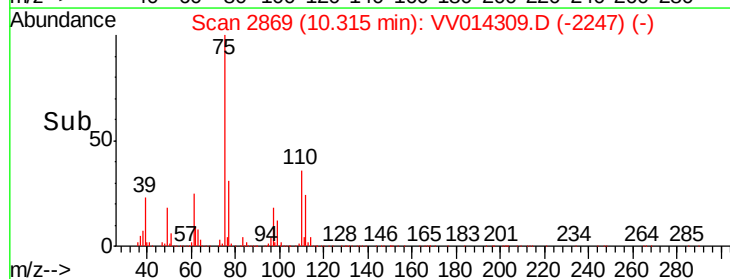
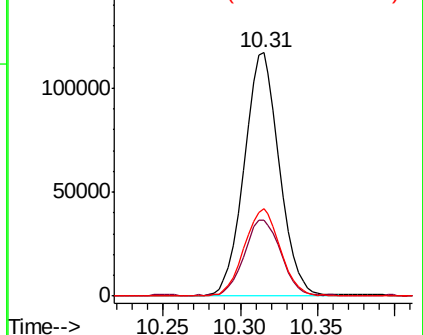
110 36.8 29.8 44.6

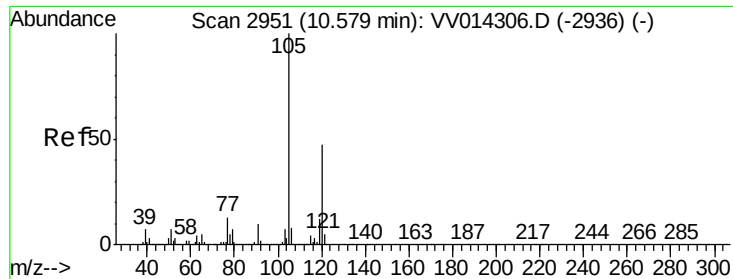


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 5.230 ug/L

RT: 10.58 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

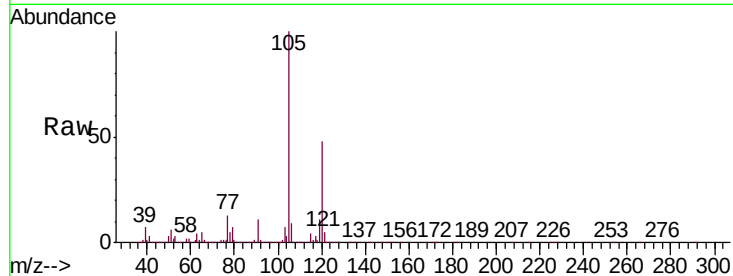
VICV356

Tgt Ion:105 Resp: 1286254

Ion Ratio Lower Upper

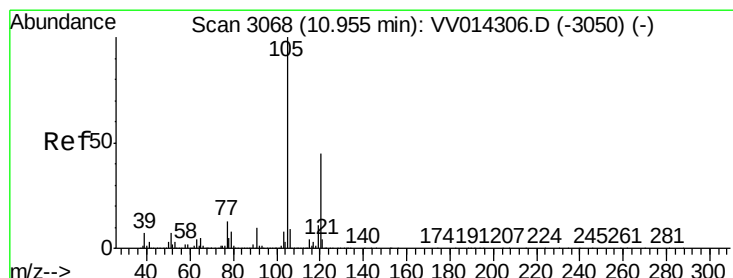
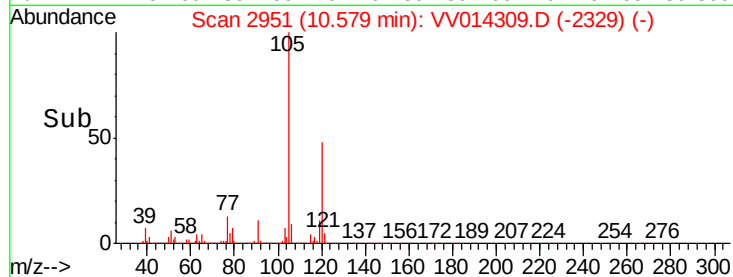
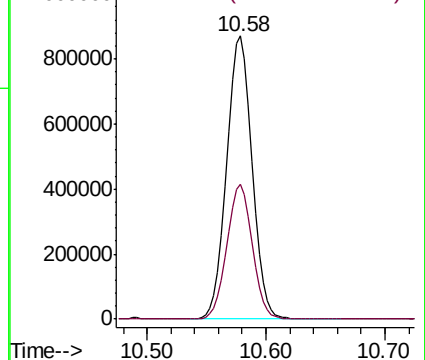
105 100

120 47.5 37.9 56.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 5.370 ug/L

RT: 10.95 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VV014309.D

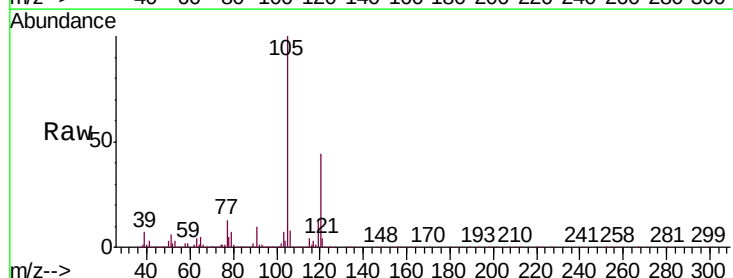
Acq: 15 Jan 2020 11:55

Tgt Ion:105 Resp: 1313799

Ion Ratio Lower Upper

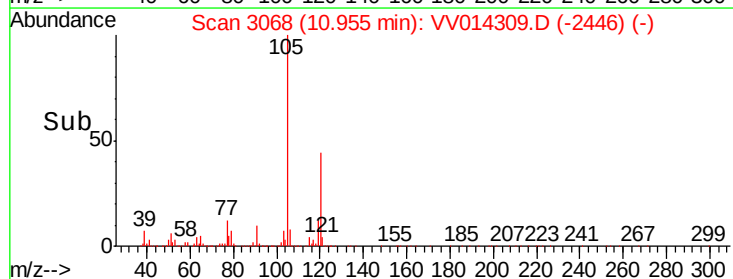
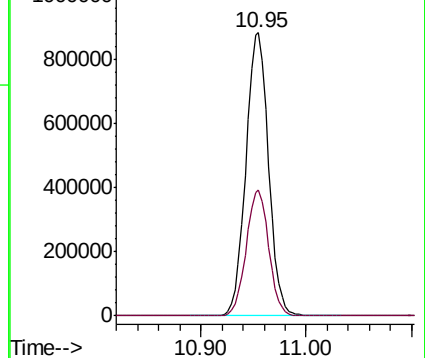
105 100

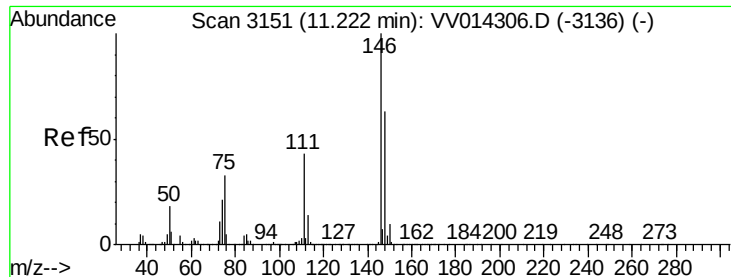
120 44.4 35.3 52.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

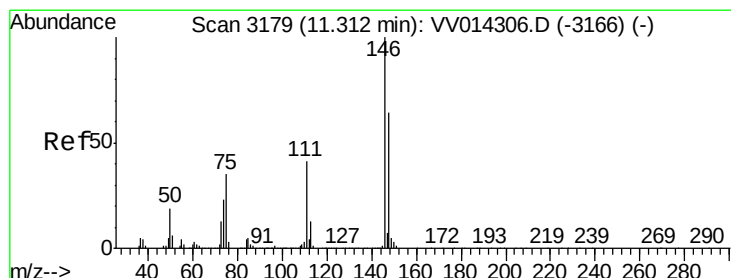
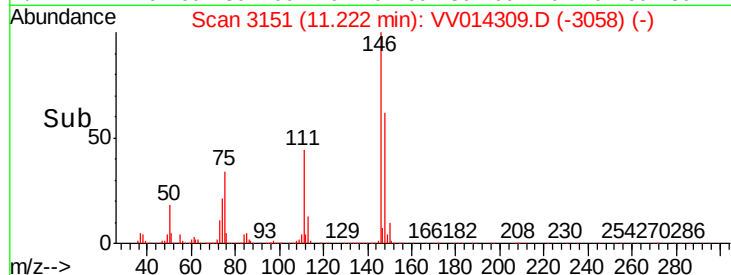
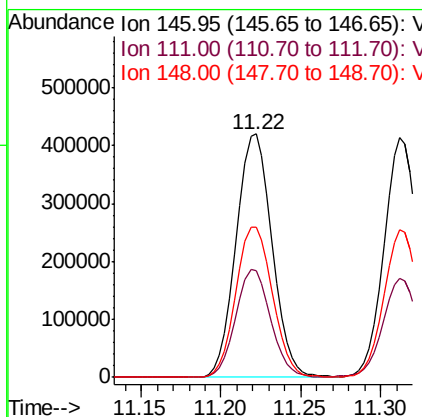
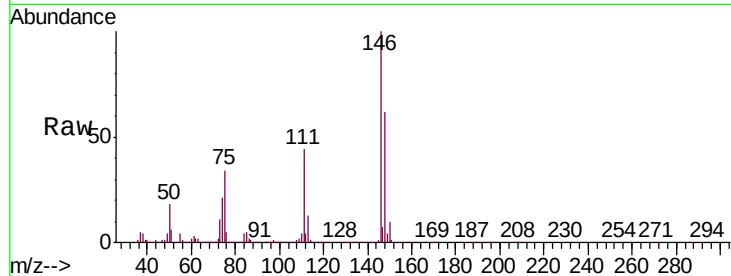




#64
 1,3-Dichlorobenzene
 Concen: 5.310 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

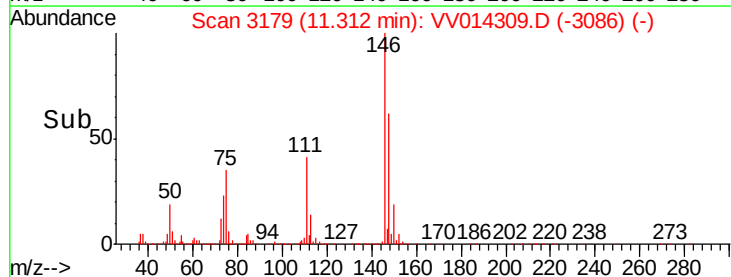
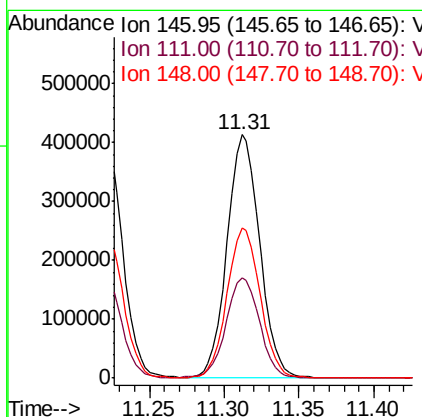
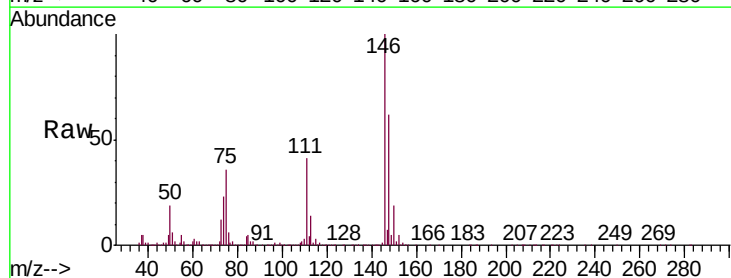
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

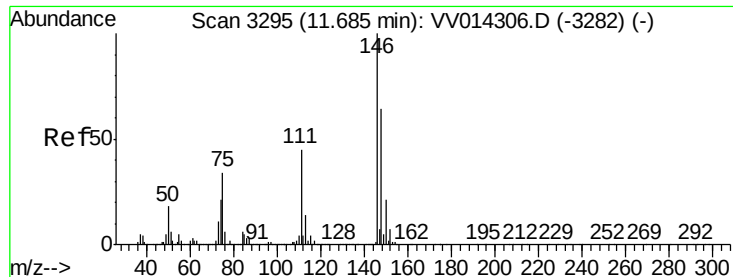
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	29.8	55.3
148	61.8	43.8	81.4



#65
 1,4-Dichlorobenzene
 Concen: 5.115 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	29.0	53.9
148	61.6	44.7	82.9

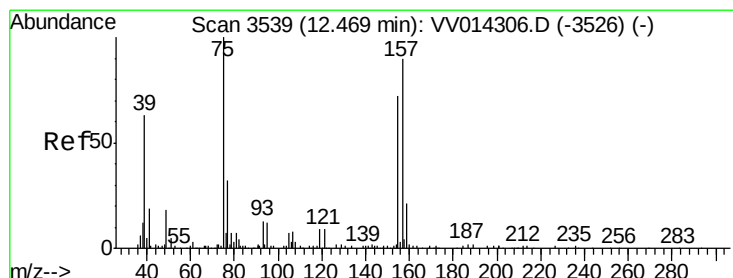
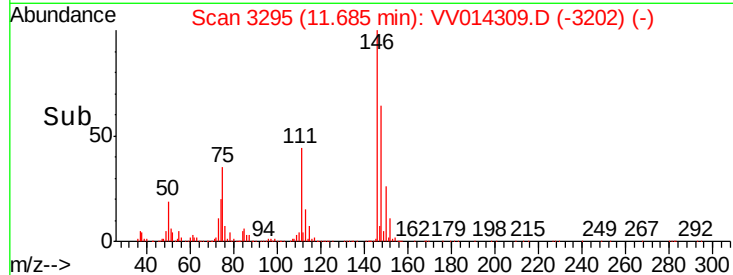
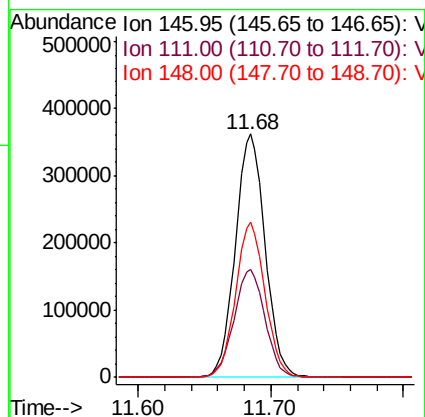
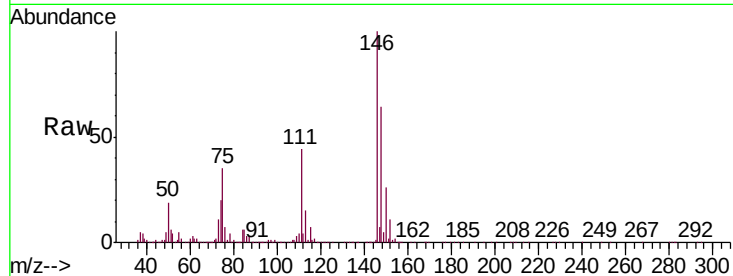




#67
 1,2-Dichlorobenzene
 Concen: 5.174 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

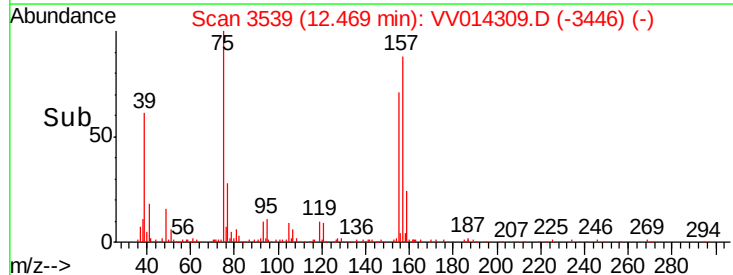
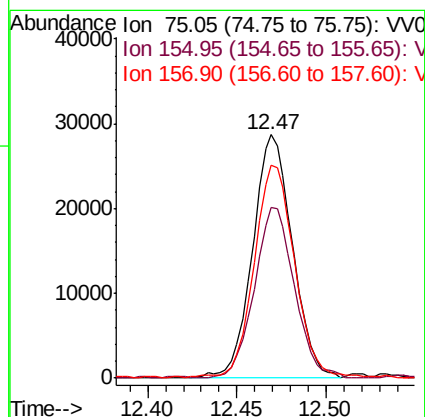
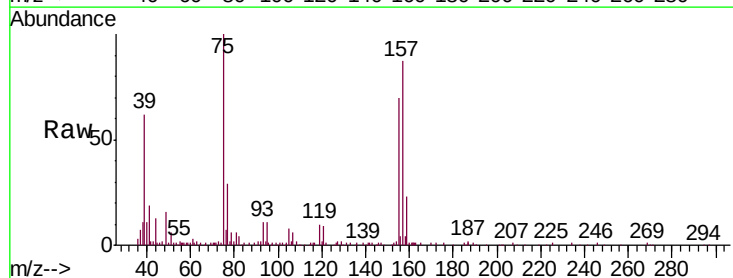
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

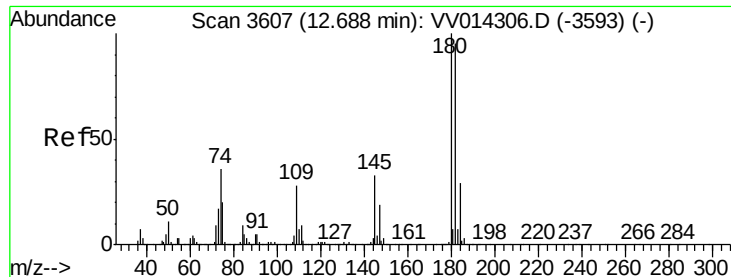
Tgt Ion: 146 Resp: 562579
 Ion Ratio Lower Upper
 146 100
 111 44.2 36.2 54.4
 148 63.5 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.018 ug/L
 RT: 12.47 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion: 75 Resp: 44751
 Ion Ratio Lower Upper
 75 100
 155 70.3 58.0 87.0
 157 87.5 72.1 108.1

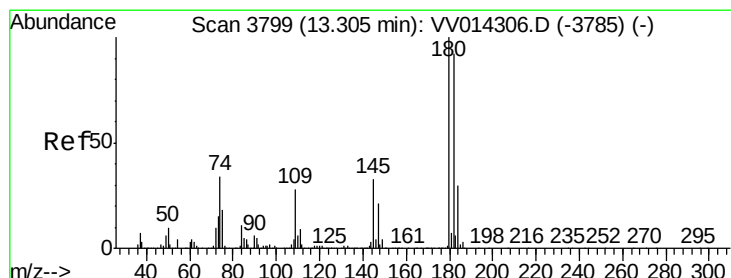
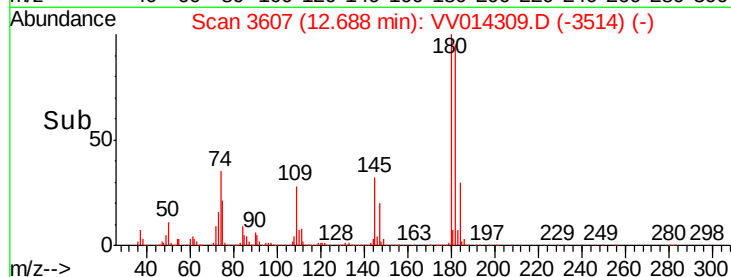
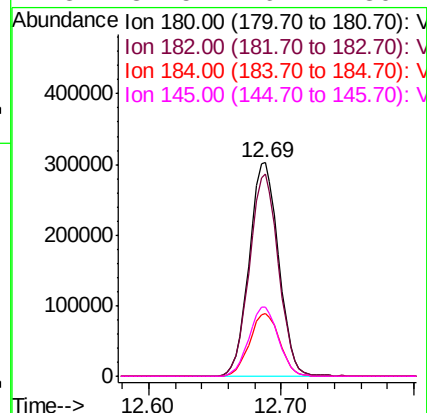
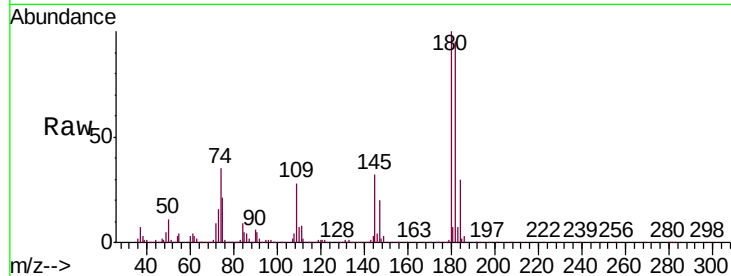




#69
 1,3,5-Trichlorobenzene
 Concen: 5.270 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

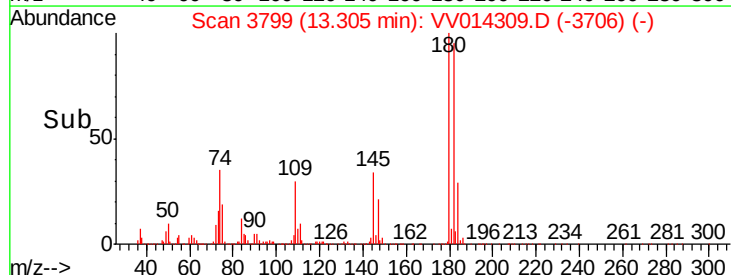
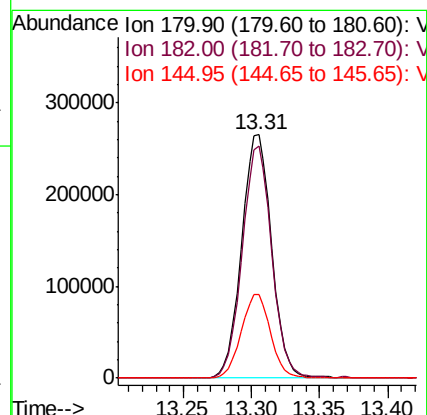
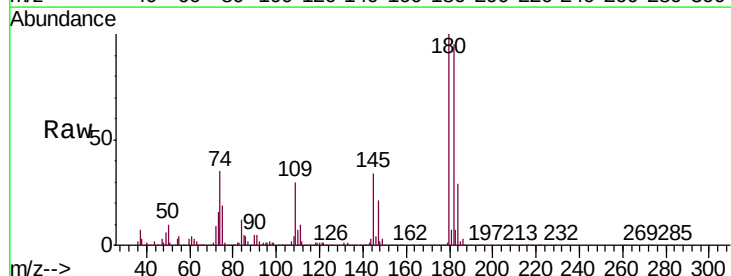
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

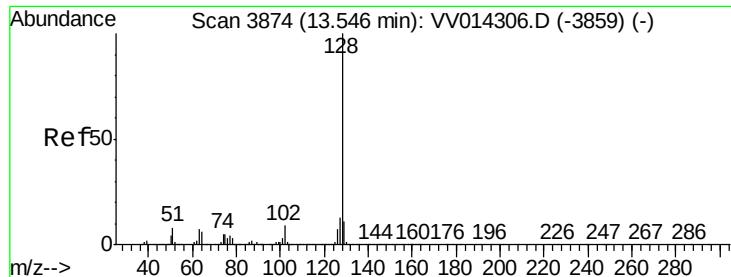
Tgt Ion:	180	Resp:	466791
Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
184	30.0	23.3	34.9
145	32.5	26.2	39.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.403 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV014309.D
 Acq: 15 Jan 2020 11:55

Tgt Ion:	180	Resp:	403696
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.8
145	33.6	26.9	40.3





#71

Naphthalene

Concen: 5.624 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

VICV356

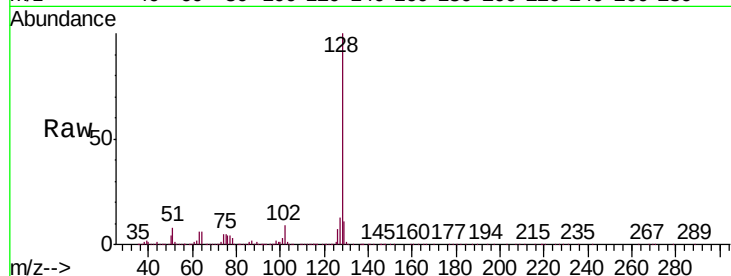
Tgt Ion:128 Resp: 782894

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

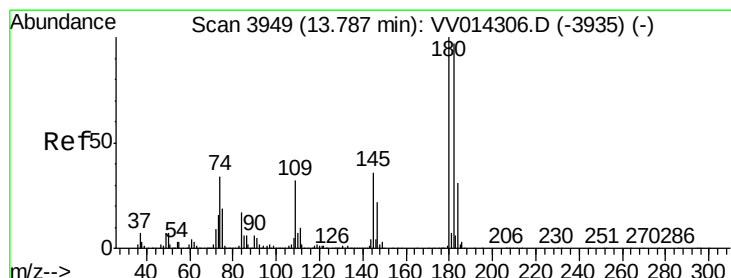
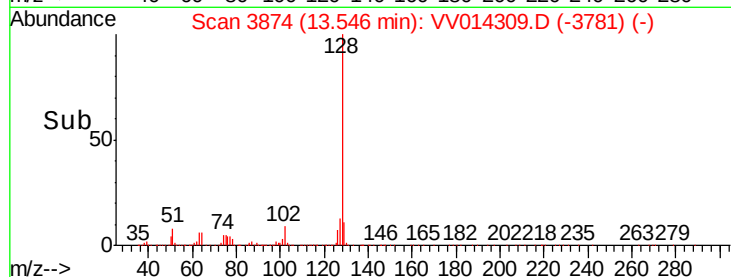
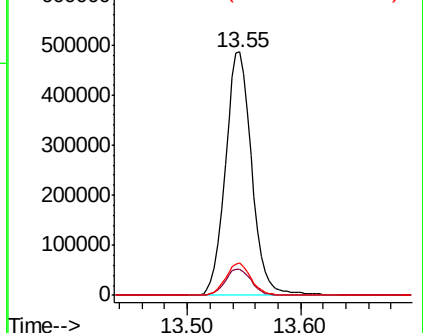
127 12.8 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#72

1,2,3-Trichlorobenzene

Concen: 5.475 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VV014309.D

Acq: 15 Jan 2020 11:55

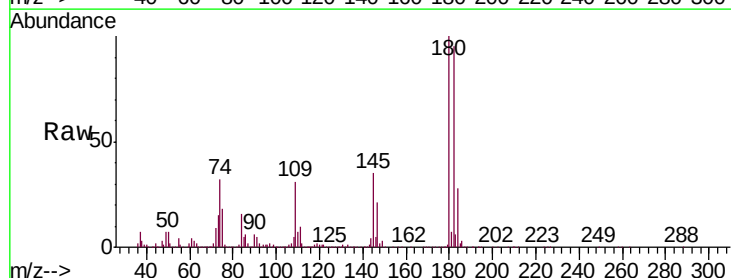
Tgt Ion:180 Resp: 352646

Ion Ratio Lower Upper

180 100

182 96.1 76.7 115.1

145 35.9 28.8 43.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

