

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015107.D
 Acq On : 24 Mar 2020 00:22
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 24 01:59:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 01:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	777513	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	744035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	359583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	697101	159.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	588688	169.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1192499	161.13	ug/L	0.00
21) 2-Butanone-d5	3.93	46	961860	330.19	ug/L	0.00
24) Chloroform-d	4.38	84	1068282	110.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	680072	111.30	ug/L	0.00
32) Benzene-d6	5.08	84	2189855	117.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	708143	125.98	ug/L	0.00
41) Toluene-d8	7.34	98	2048648	111.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	375440	126.66	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	720255	273.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1003658	121.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	767166	103.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	577924	89.694	ug/L 100
3) Chloromethane	1.25	50	749218	146.933	ug/L 99
5) Vinyl chloride	1.32	62	724162	146.679	ug/L 98
6) Bromomethane	1.53	94	453963	143.231	ug/L 100
8) Chloroethane	1.60	64	485849	165.792	ug/L 99
9) Trichlorofluoromethane	1.77	101	932511	125.594	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	456905	127.564	ug/L 99
12) 1,1-Dichloroethene	2.13	96	482545	139.472	ug/L 99
13) Acetone	2.22	43	582054	263.885	ug/L 99
14) Carbon disulfide	2.31	76	1280589	111.708	ug/L 100
15) Methyl Acetate	2.46	43	675226	164.275	ug/L 99
16) Methylene chloride	2.52	84	582764	113.345	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	490951	103.424	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	1884367	122.427	ug/L 100
19) 1,1-Dichloroethane	3.21	63	1006164	118.685	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	595992	110.889	ug/L # 100
22) 2-Butanone	4.02	43	968526	302.009	ug/L 95
23) Bromochloromethane	4.28	128	289404	100.946	ug/L 99
25) Chloroform	4.41	83	1000639	108.164	ug/L 100
27) 1,2-Dichloroethane	5.16	62	809327	115.989	ug/L 99
29) Cyclohexane	4.70	56	798767	115.214	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	835371	103.962	ug/L 99
31) Carbon tetrachloride	4.86	117	715809	100.166	ug/L 100
33) Benzene	5.13	78	2204544	117.232	ug/L 100
34) Trichloroethene	5.94	95	534187	106.985	ug/L 99
35) Methylcyclohexane	6.16	83	788692	100.345	ug/L 99
37) 1,2-Dichloropropane	6.20	63	593791	126.491	ug/L 100
38) Bromodichloromethane	6.53	83	809696	120.120	ug/L 99
39) cis-1,3-Dichloropropene	7.05	75	961085	123.817	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	1995176	293.590	ug/L 99

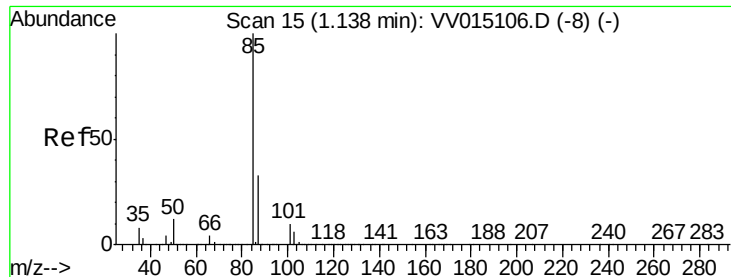
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015107.D
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 01:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2356983	112.426	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	898310	127.777	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	562035	113.900	ug/L	99
46) Tetrachloroethene	8.00	164	375036	83.753	ug/L	99
48) 2-Hexanone	8.16	43	1592997	311.667	ug/L	100
49) Dibromochloromethane	8.27	129	663621	115.832	ug/L	99
50) 1,2-Dibromoethane	8.37	107	614393	112.193	ug/L	100
51) Chlorobenzene	8.90	112	1515968	104.302	ug/L	99
52) Ethylbenzene	9.03	91	2603711	109.707	ug/L	99
53) m,p-Xylene	9.16	106	993551	108.111	ug/L	98
54) o-xylene	9.57	106	1009249	110.386	ug/L	99
55) Styrene	9.58	104	1785961	115.418	ug/L	98
56) Isopropylbenzene	9.95	105	2517878	106.706	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	973558	119.684	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	792298	122.536	ug/L	99
61) Bromoform	9.75	173	473130	126.024	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1148582	105.767	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	1161693	102.652	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	1191754	102.611	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	259328	143.461	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	810279	96.690	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	774771	99.316	ug/L	100
69) Naphthalene	13.53	128	1509368	135.210	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	798598	104.312	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 89.694 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

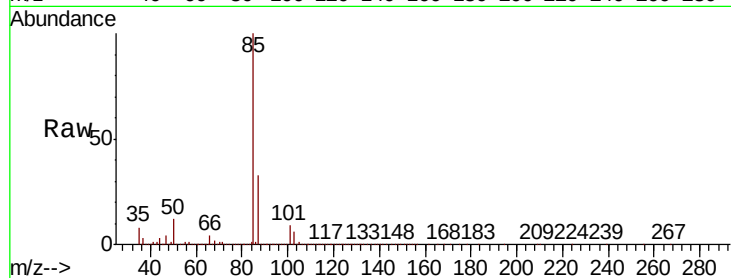
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 577924

Ion Ratio Lower Upper

85 100

87 33.0 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VV015106.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV015107.D (-1) (-)

1.14

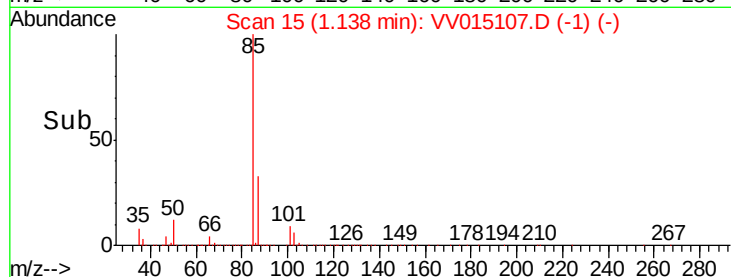
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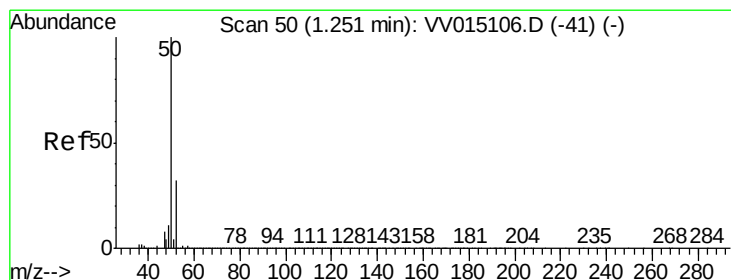
200000

0

Time-->



Time-->



#3

Chloromethane

Concen: 146.933 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV015107.D

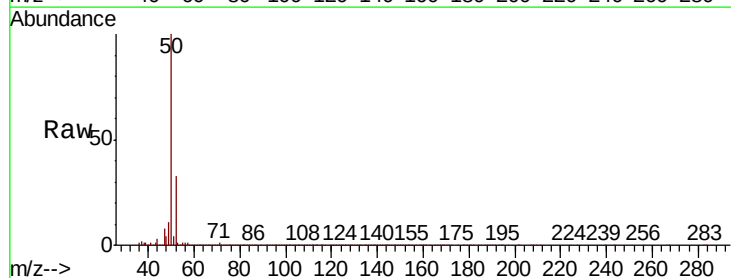
Acq: 24 Mar 2020 00:22

Tgt Ion: 50 Resp: 749218

Ion Ratio Lower Upper

50 100

52 33.0 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV015106.D (-41) (-)

Ion 52.00 (51.70 to 52.70): VV015107.D (-1) (-)

1.25

800000

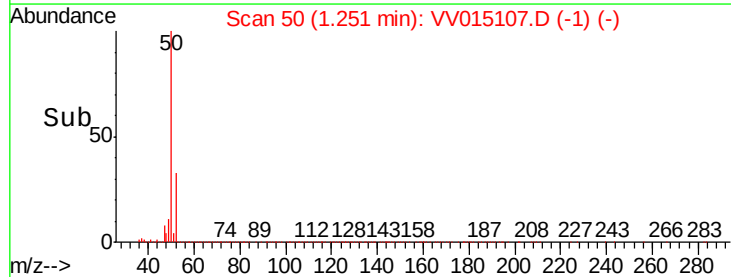
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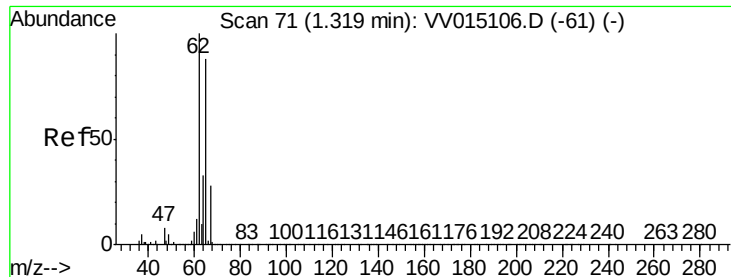
200000

0

Time-->



Time-->



#5

Vinyl chloride

Concen: 146.679 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

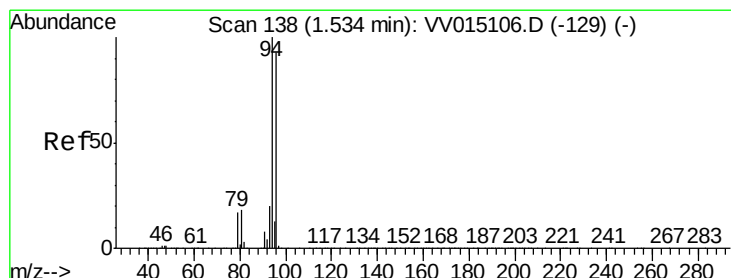
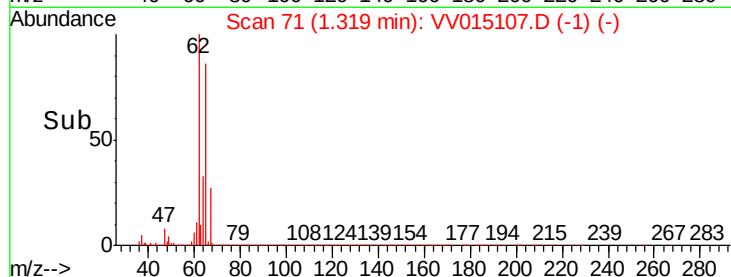
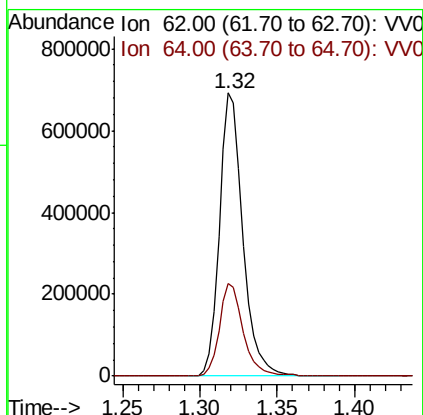
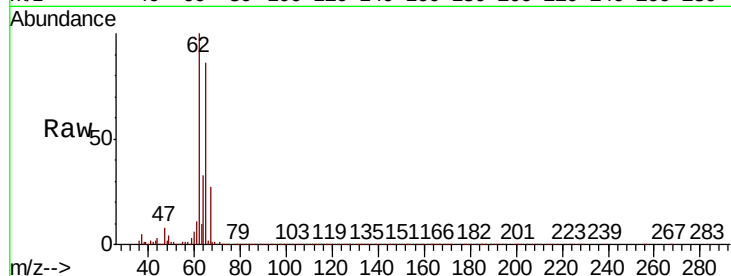
ClientSampleId :

Tot Ion: 62 Resp: 724162

Ion Ratio Lower Upper

62 100

64 32.7 23.6 43.8



#6

Bromomethane

Concen: 143.231 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV015107.D

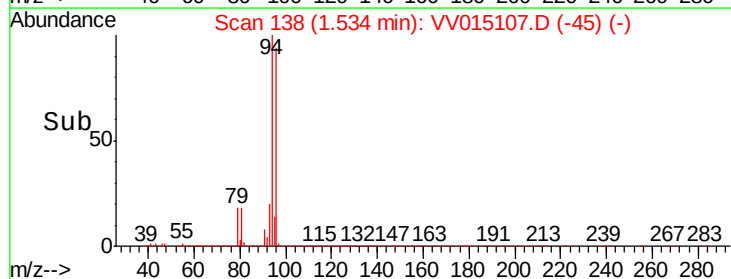
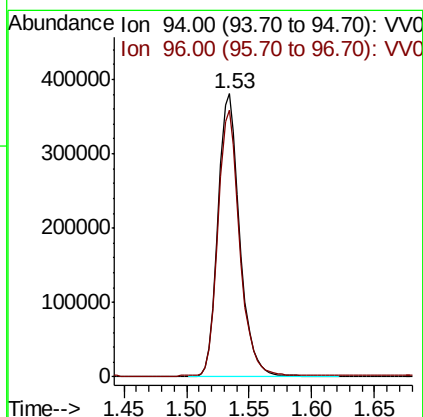
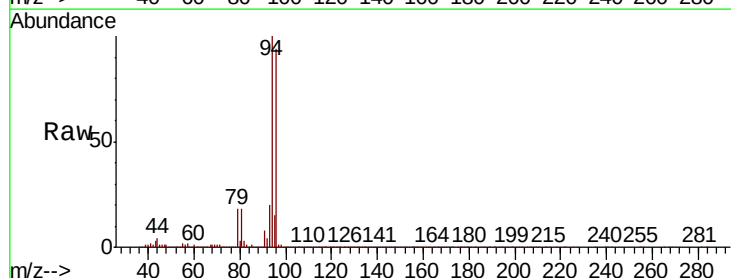
Acq: 24 Mar 2020 00:22

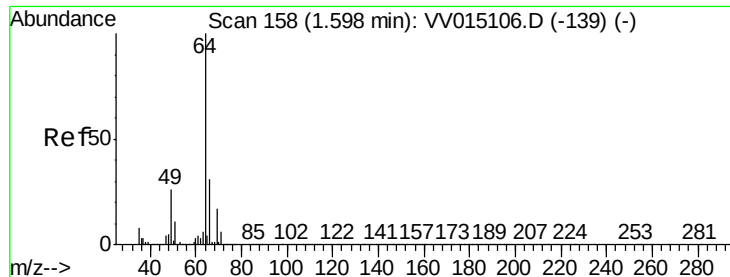
Tgt Ion: 94 Resp: 453963

Ion Ratio Lower Upper

94 100

96 94.1 65.9 122.3





#8

Chloroethane

Concen: 165.792 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

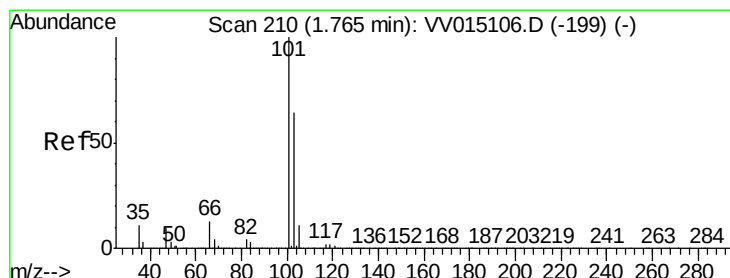
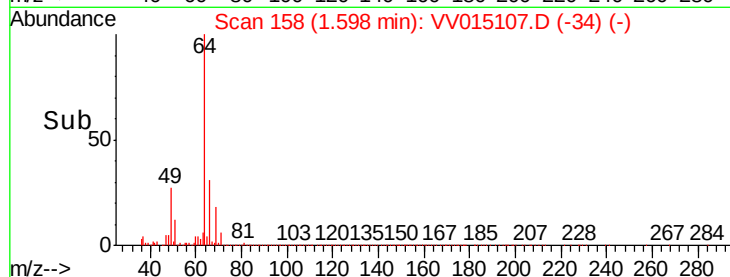
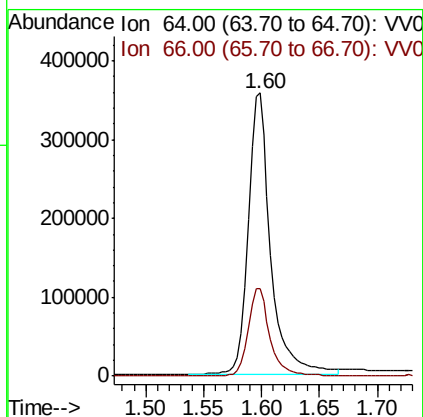
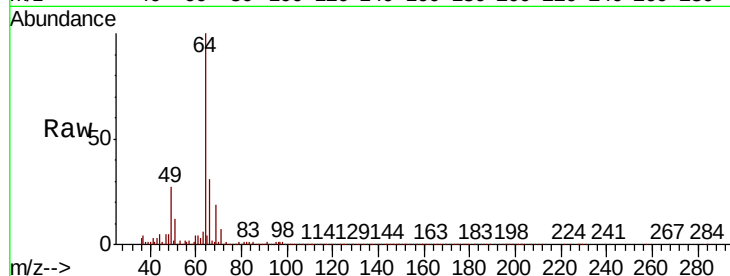
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 485849

Ion Ratio Lower Upper

64 100

66 31.1 22.0 41.0



#9

Trichlorofluoromethane

Concen: 125.594 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV015107.D

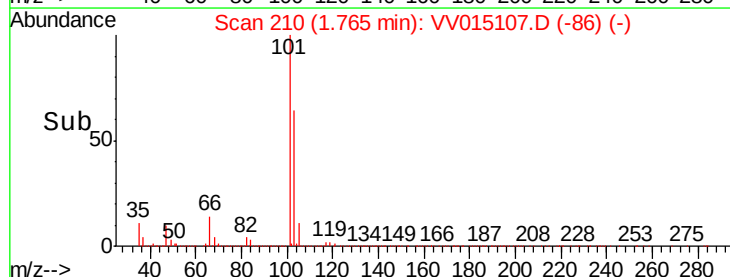
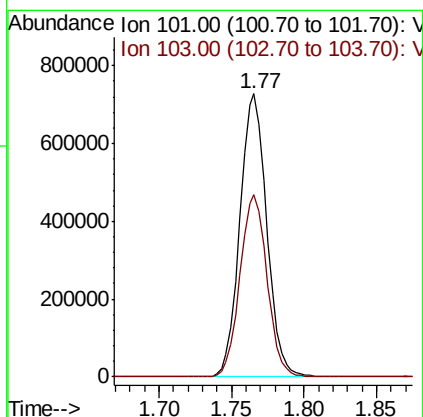
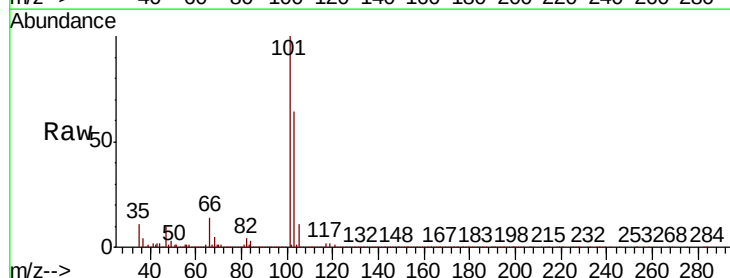
Acq: 24 Mar 2020 00:22

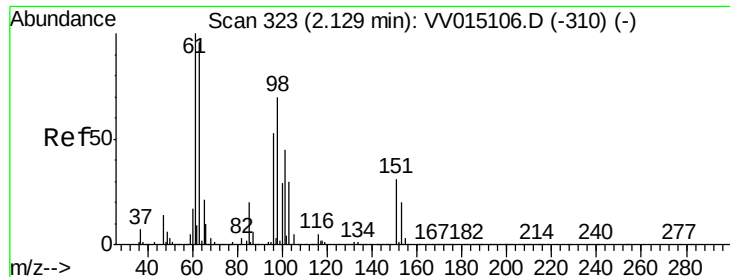
Tgt Ion: 101 Resp: 932511

Ion Ratio Lower Upper

101 100

103 64.6 52.0 78.0





#10

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

Concen: 127.564 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

ClientSampleId :

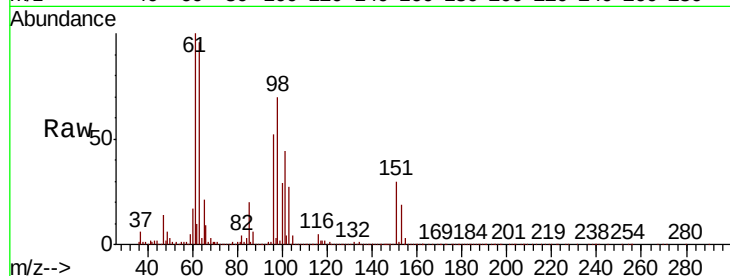
Tot Ion:101 Resp: 456905

Ion Ratio Lower Upper

101 100

85 44.4 37.2 55.8

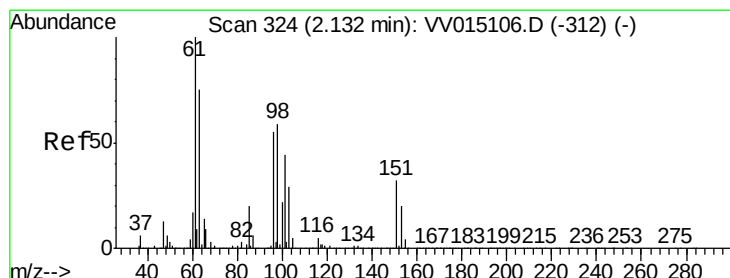
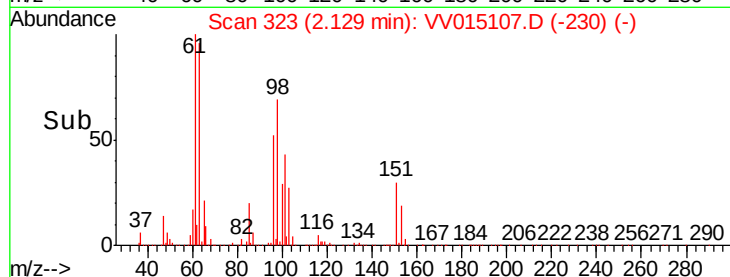
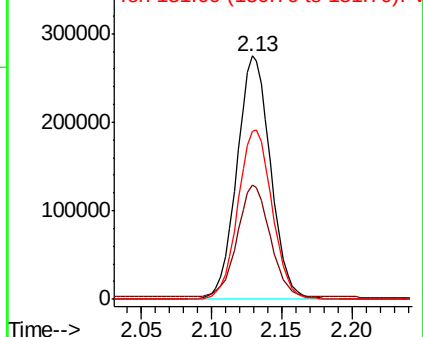
151 70.6 56.3 84.5



Abundance Ion 101.00 (100.70 to 101.70): VV015107.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV015107.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV015107.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 139.472 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

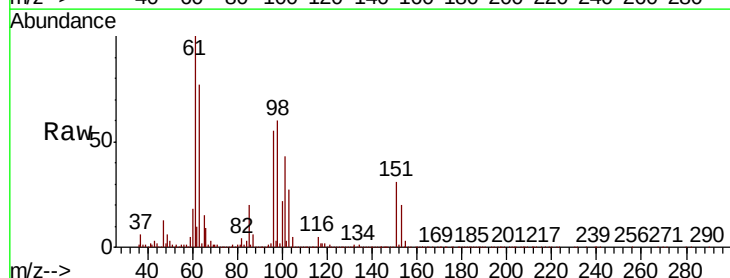
Tgt Ion: 96 Resp: 482545

Ion Ratio Lower Upper

96 100

61 183.4 127.4 236.6

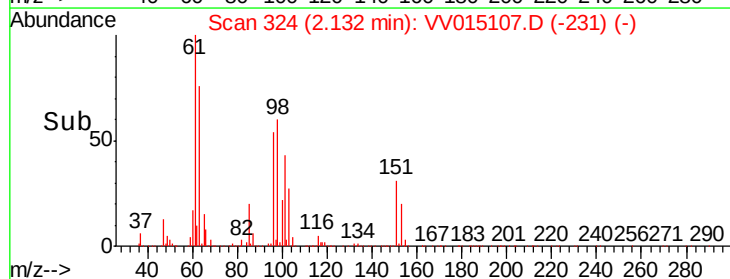
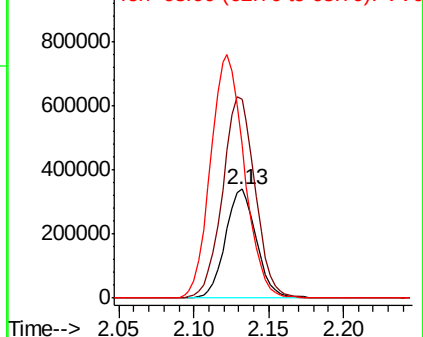
63 140.4 96.6 179.4

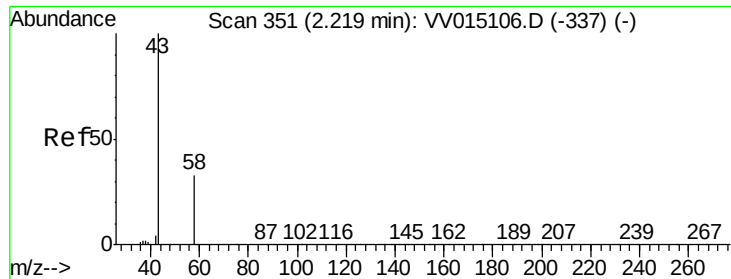


Abundance Ion 96.00 (95.70 to 96.70): VV015107.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV015107.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV015107.D (-231) (-)

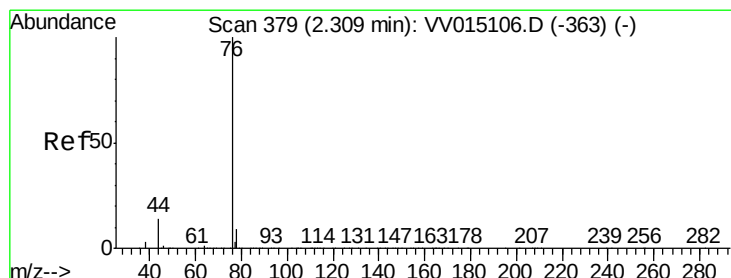
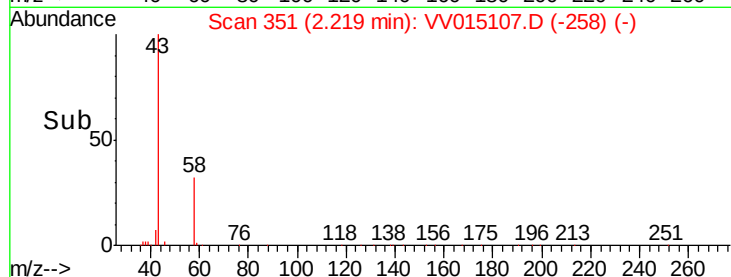
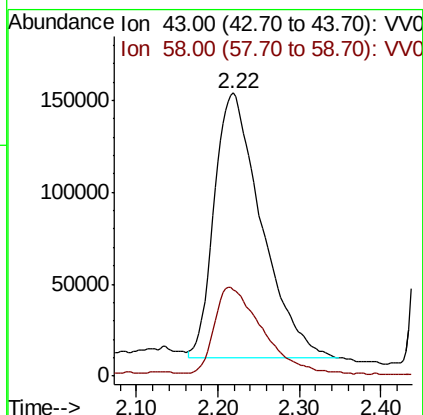
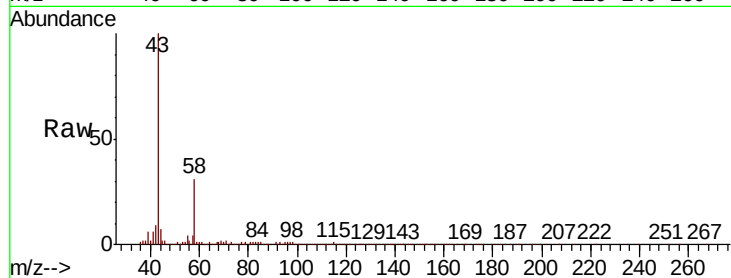




#13
Acetone
Concen: 263.885 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

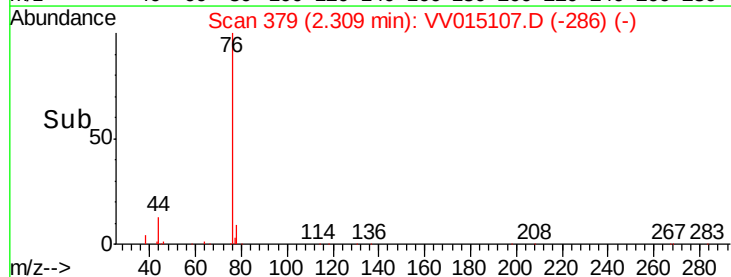
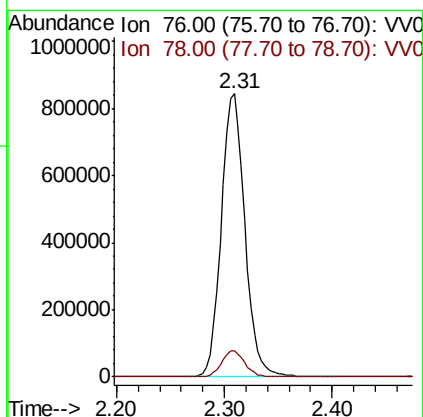
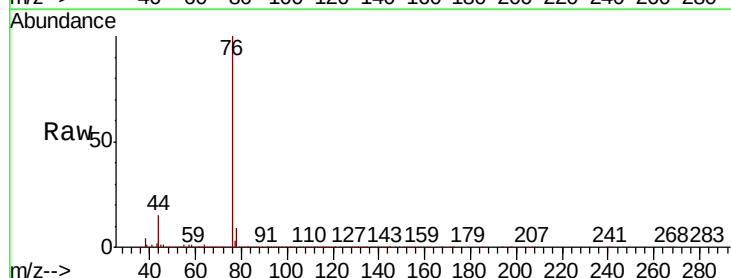
Instrument :
MSVOA_V
ClientSampleId :

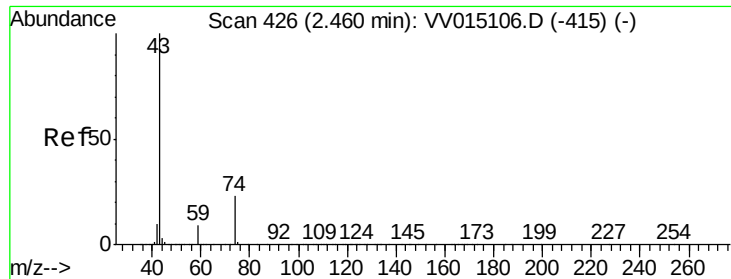
Tot Ion: 43 Resp: 582054
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.2



#14
Carbon disulfide
Concen: 111.708 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Tgt Ion: 76 Resp: 1280589
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

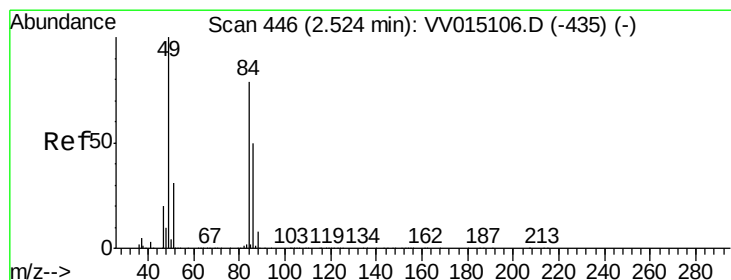
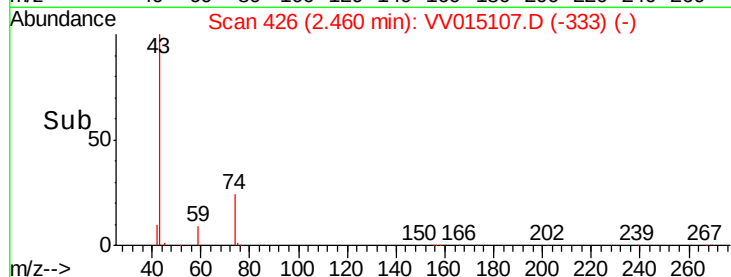
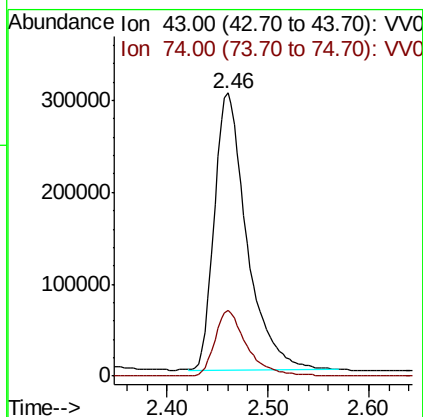
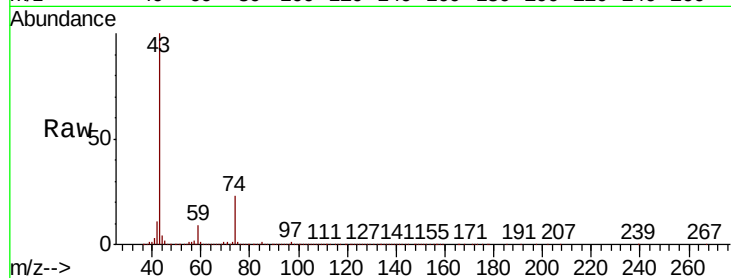




#15
Methvl Acetate
Concen: 164.275 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

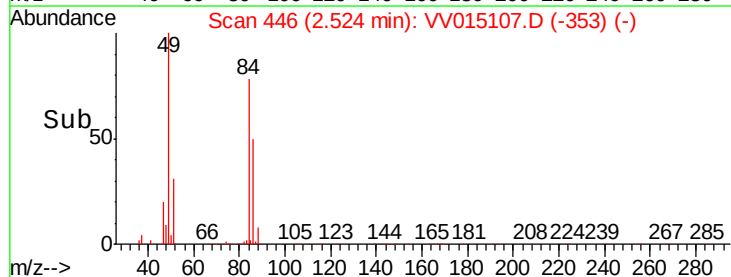
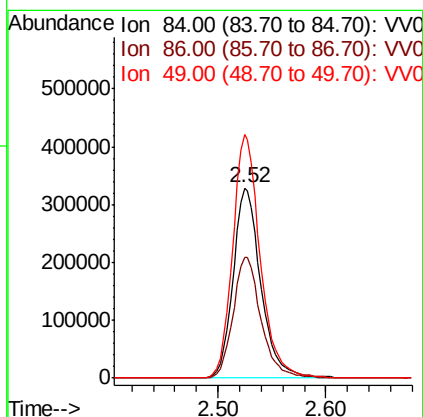
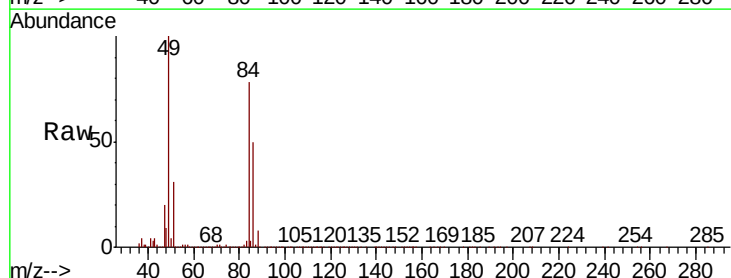
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MSVOA_V
ClientSampleId :

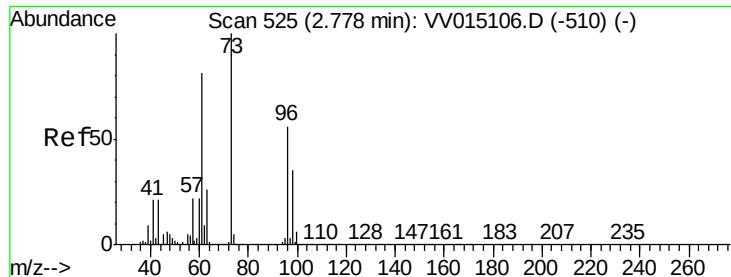
Tot Ion: 43 Resp: 675226
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2



#16
Methylene chloride
Concen: 113.345 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Tgt Ion: 84 Resp: 582764
Ion Ratio Lower Upper
84 100
86 63.8 44.6 82.8
49 128.1 88.4 164.2





#17

trans-1,2-Dichloroethene

Concen: 103.424 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :
MSVOA_V
ClientSampled :

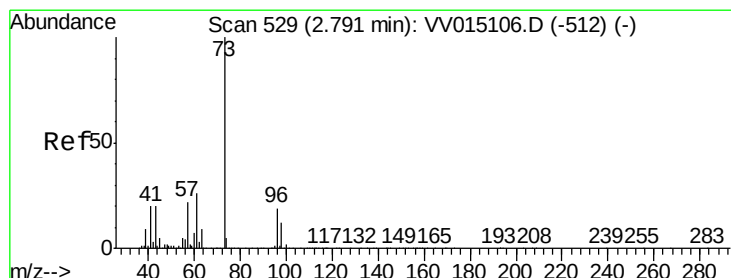
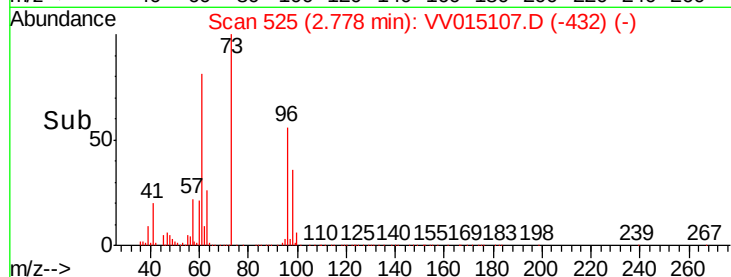
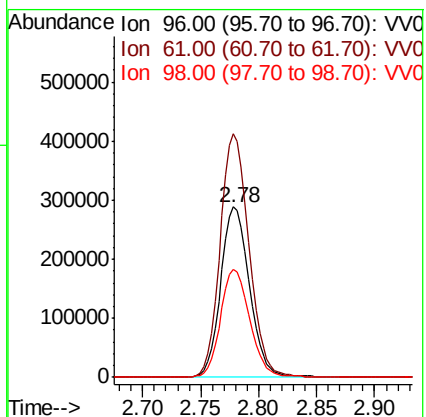
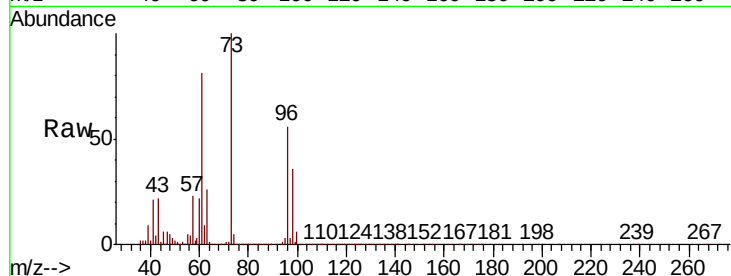
Tot Ion: 96 Resp: 490951

Ion Ratio Lower Upper

96 100

61 143.1 101.7 188.9

98 63.8 44.5 82.7



#18

Methyl tert-butyl Ether

Concen: 122.427 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

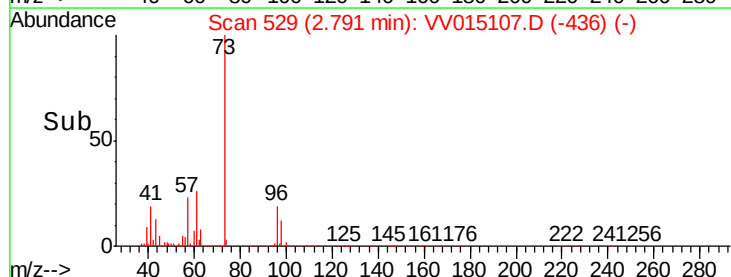
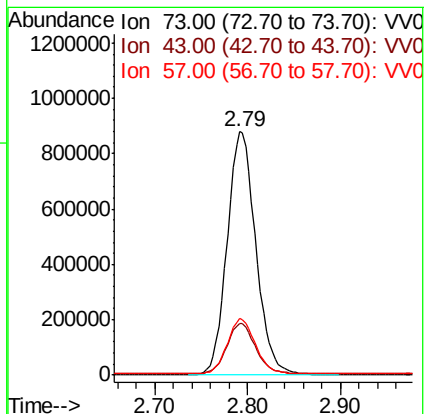
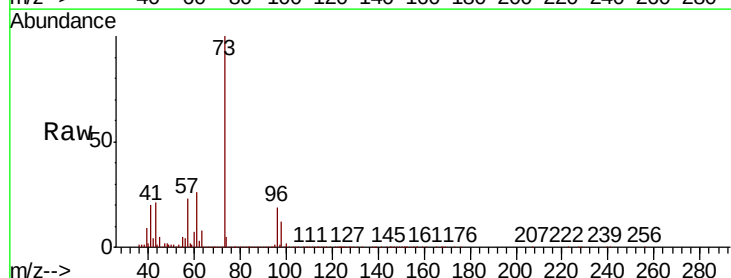
Tgt Ion: 73 Resp: 1884367

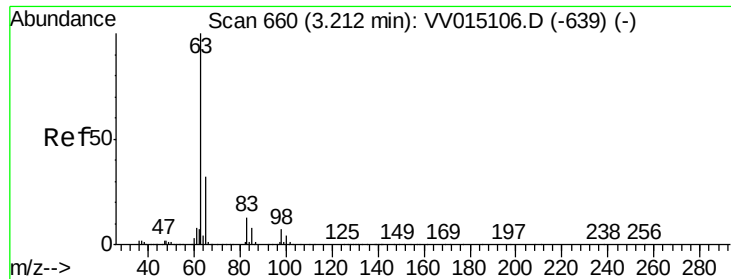
Ion Ratio Lower Upper

73 100

43 20.6 16.7 25.1

57 22.3 17.8 26.8





#19

1,1-Dichloroethane

Concen: 118.685 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

ClientSampled :

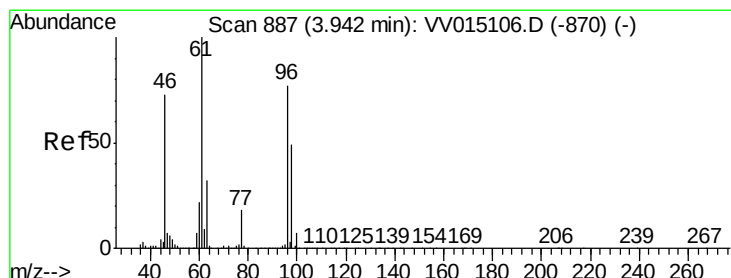
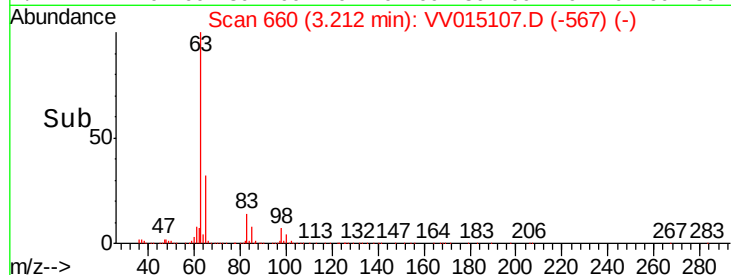
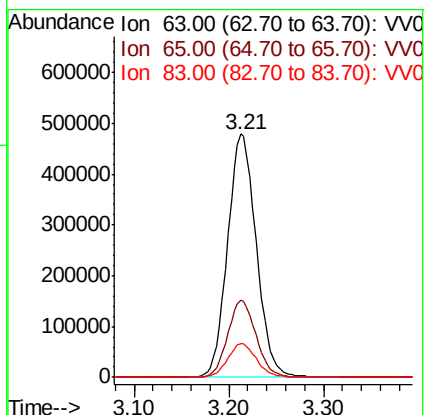
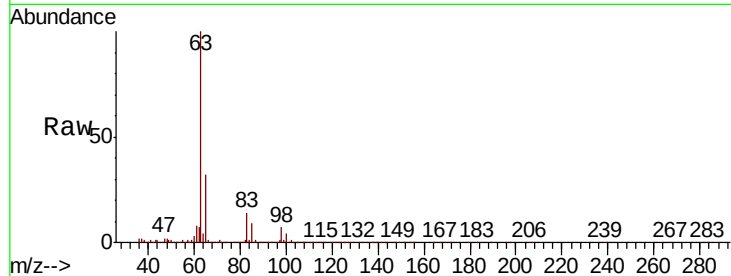
Tot Ion: 63 Resp: 1006164

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 13.9 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 110.889 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

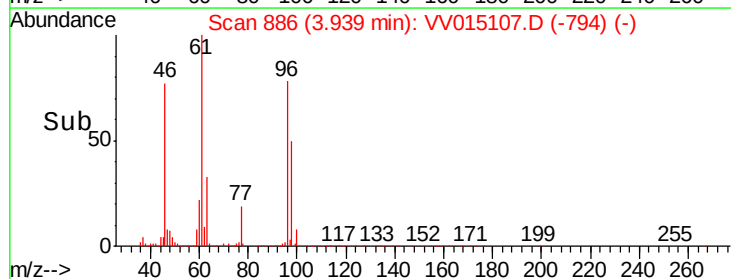
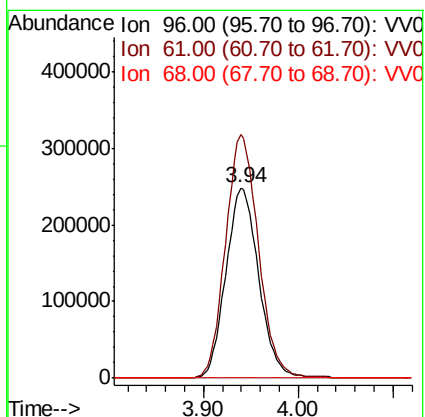
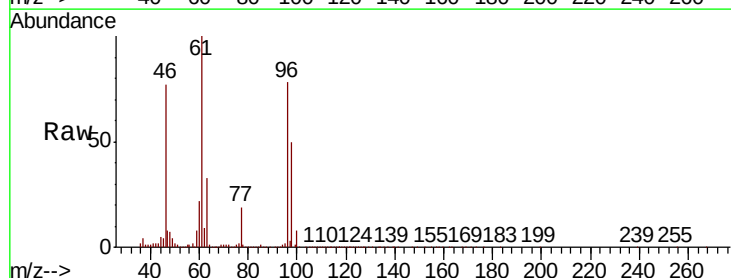
Tgt Ion: 96 Resp: 595992

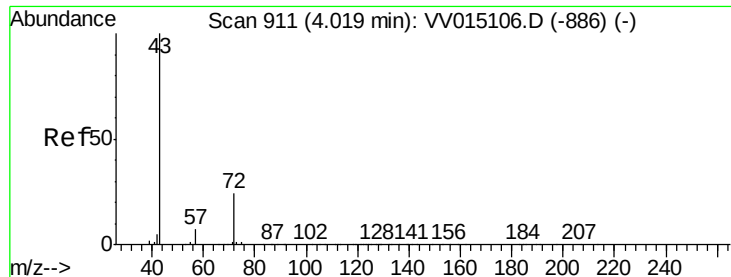
Ion Ratio Lower Upper

96 100

61 128.2 90.2 167.4

68 0.3 0.3 0.7#





#22

2-Butanone

Concen: 302.009 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

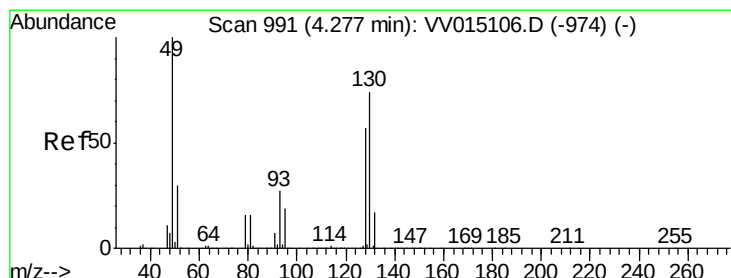
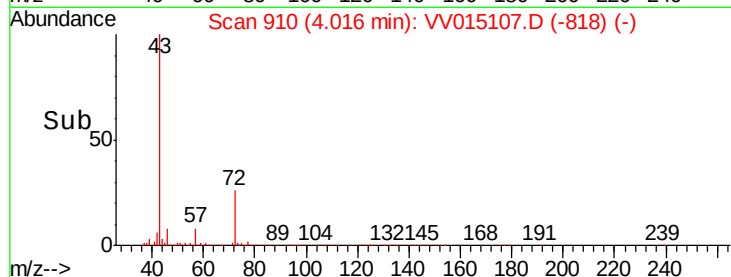
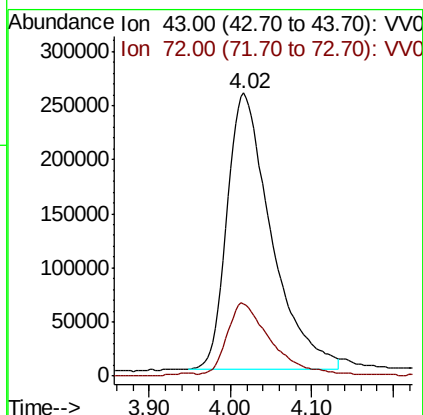
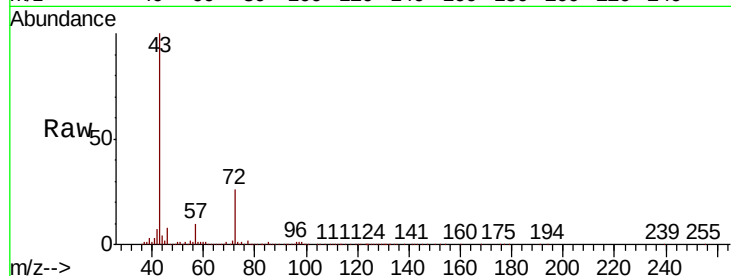
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 968526

Ion Ratio Lower Upper

43 100

72 25.6 11.6 34.8



#23

Bromochloromethane

Concen: 100.946 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Tgt Ion:128 Resp: 289404

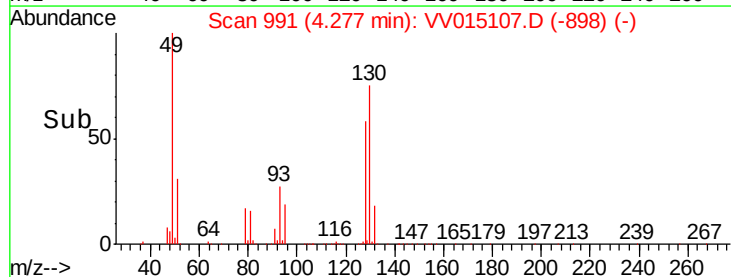
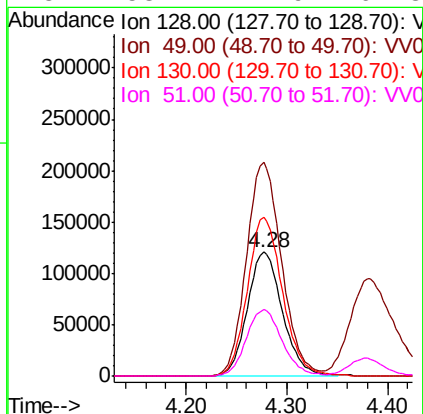
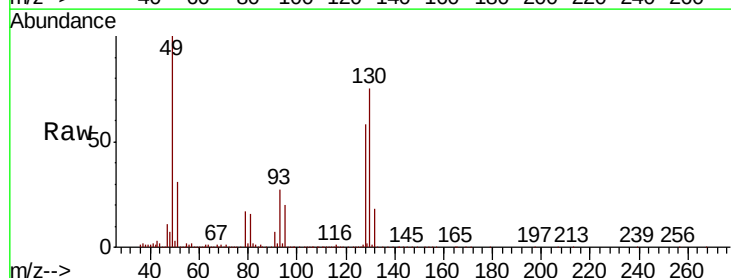
Ion Ratio Lower Upper

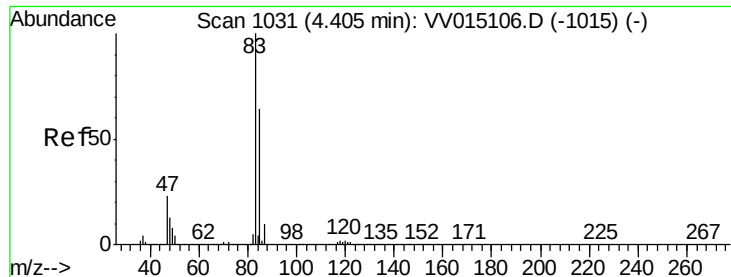
128 100

49 172.5 122.4 227.2

130 128.5 90.5 168.1

51 53.4 42.9 64.3

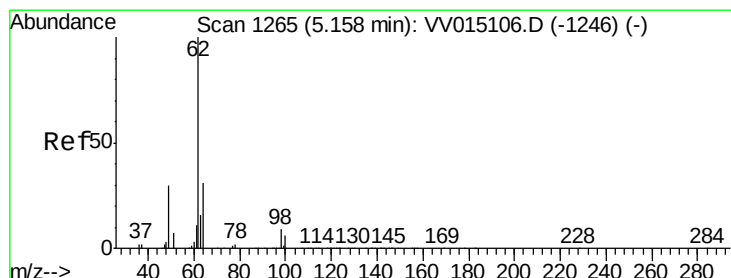
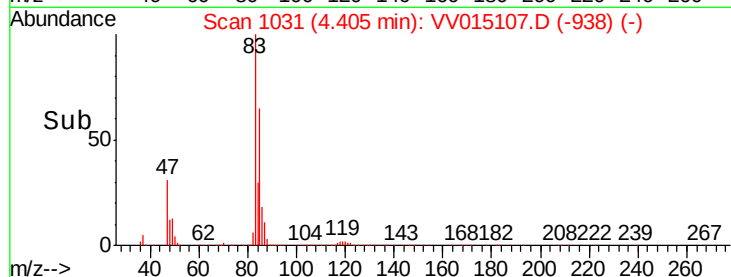
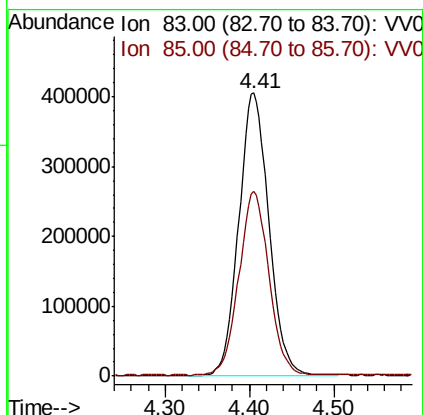
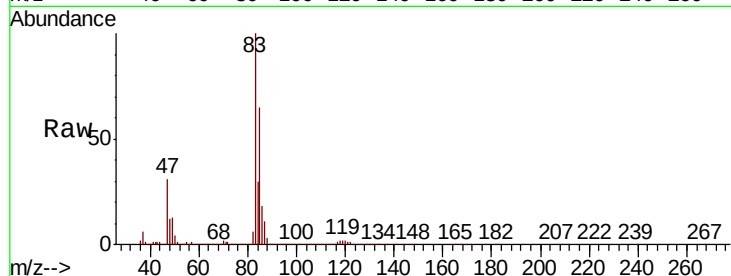




#25
Chloroform
Concen: 108.164 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

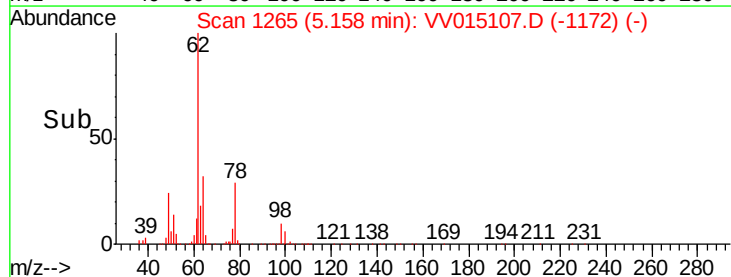
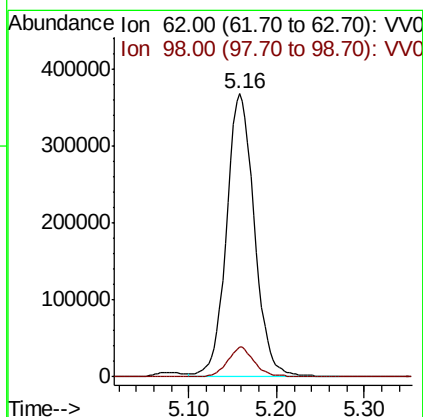
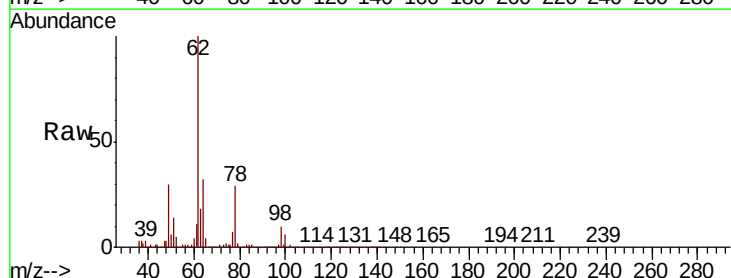
Instrument :
MSVOA_V
ClientSampleId :

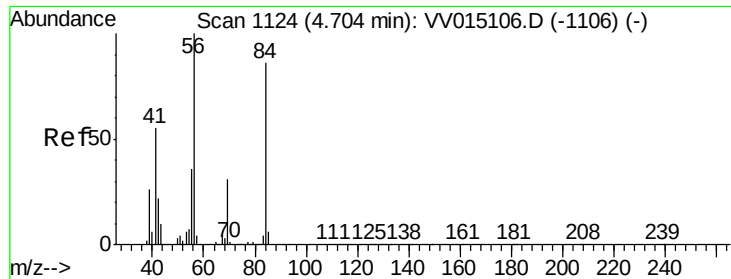
Tot Ion: 83 Resp: 1000639
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 115.989 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Tgt Ion: 62 Resp: 809327
Ion Ratio Lower Upper
62 100
98 10.5 8.0 12.0

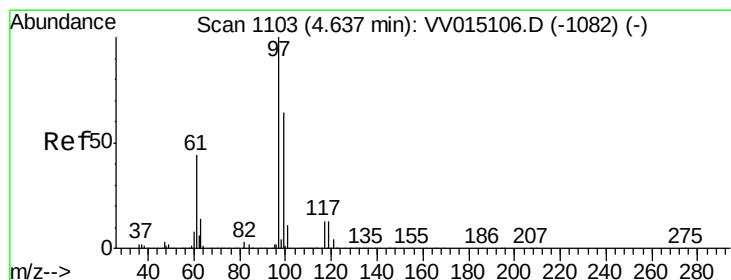
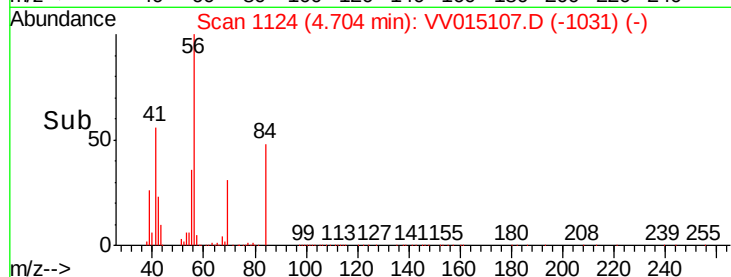
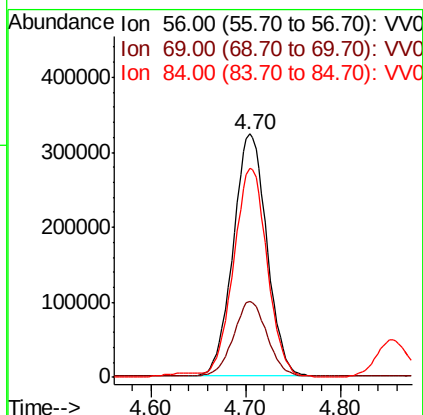
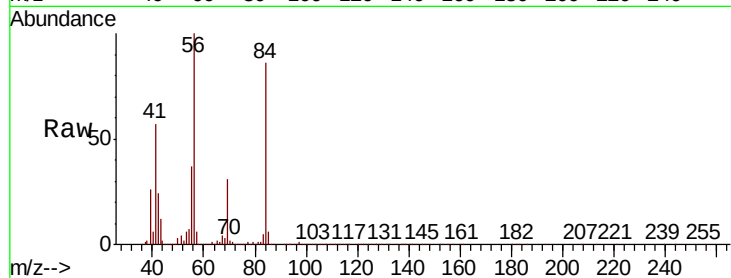




#29
Cyclohexane
Concen: 115.214 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

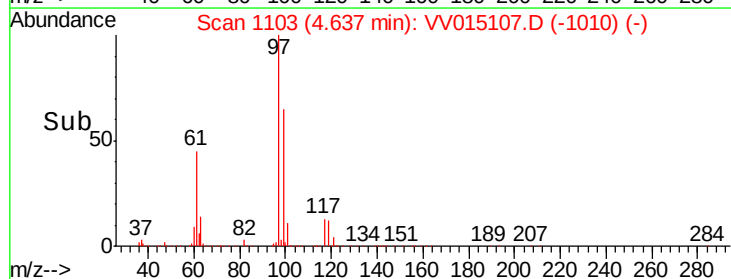
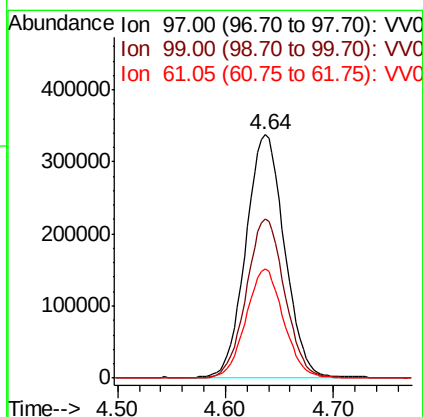
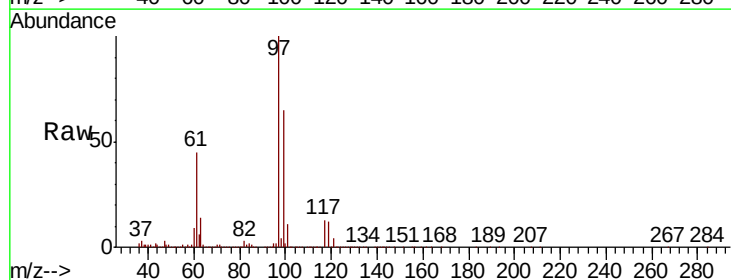
Instrument :
MSVOA_V
ClientSampleId :

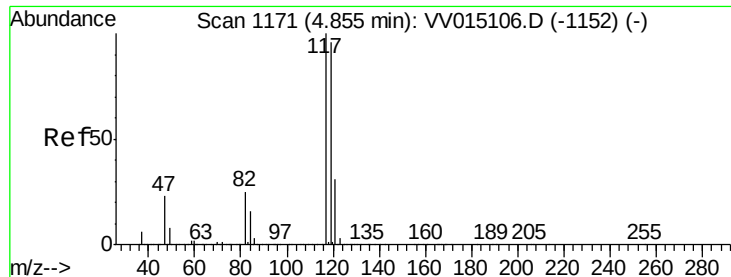
Tot Ion: 56 Resp: 798767
Ion Ratio Lower Upper
56 100
69 30.8 24.8 37.2
84 85.9 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 103.962 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Tgt Ion: 97 Resp: 835371
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 43.8 35.3 52.9





#31

Carbon tetrachloride

Concen: 100.166 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

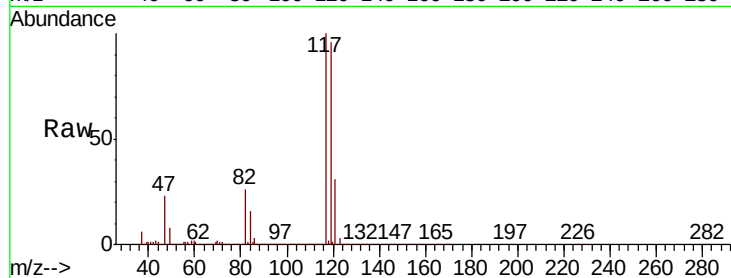
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 715809

Ion Ratio Lower Upper

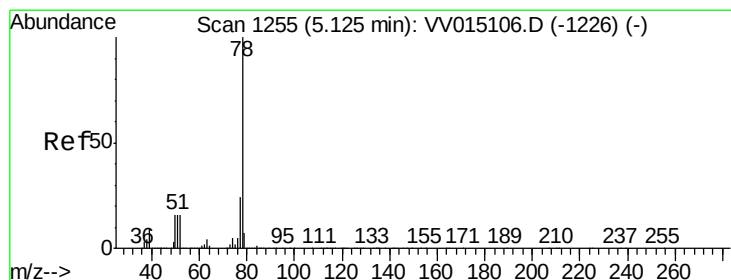
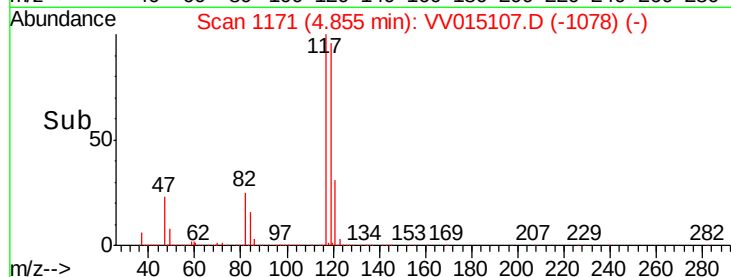
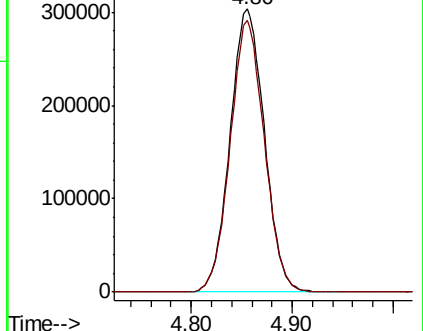
117 100

119 95.4 76.1 114.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 117.232 ug/L

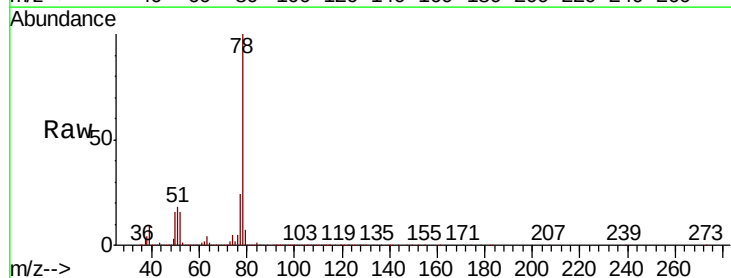
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

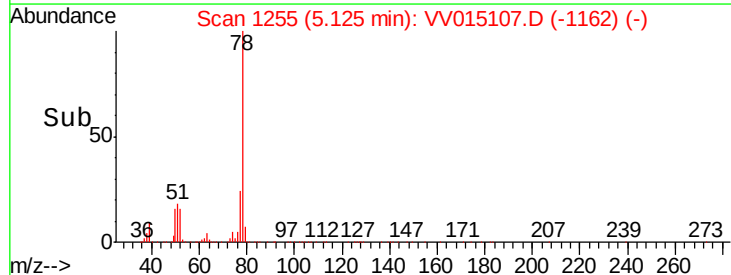
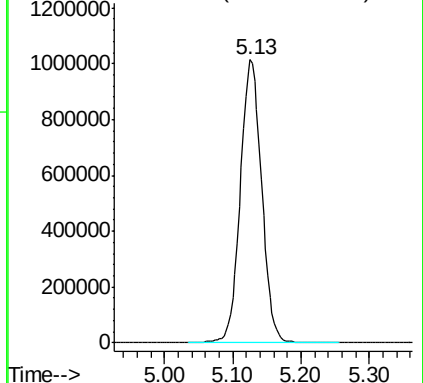
Lab File: VV015107.D

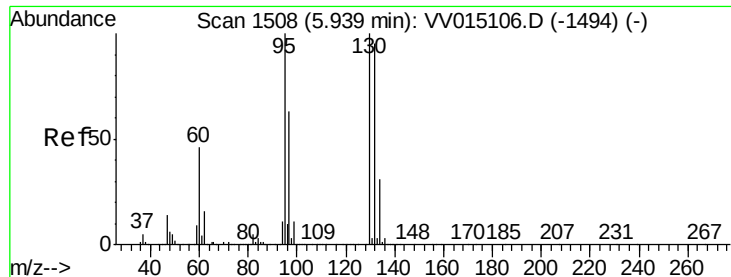
Acq: 24 Mar 2020 00:22

Tgt Ion: 78 Resp: 2204544



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 106.985 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 534187

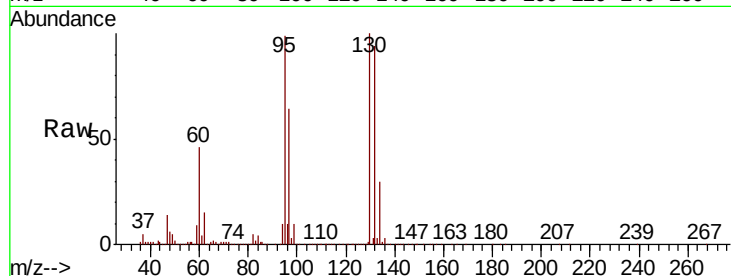
Ion Ratio Lower Upper

95 100

97 64.8 45.0 83.6

132 94.6 66.4 123.2

130 101.0 69.8 129.6

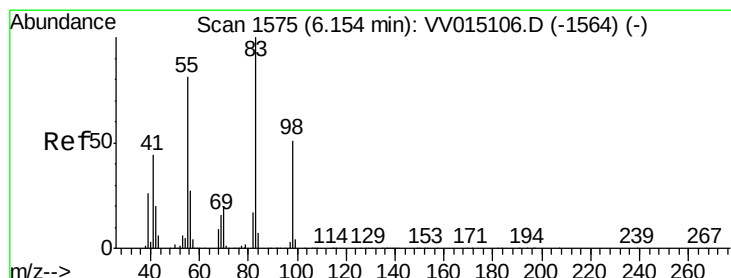
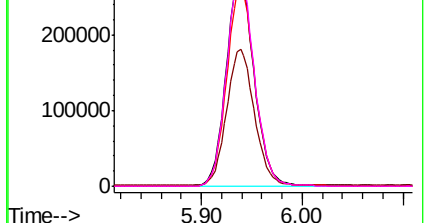
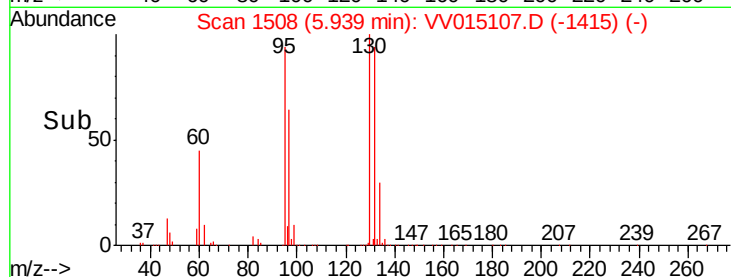


Abundance Ion 95.00 (94.70 to 95.70): VV015107.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV015107.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV015107.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV015107.D (-1415) (-)



#35

Methylcyclohexane

Concen: 100.345 ug/L

RT: 6.16 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

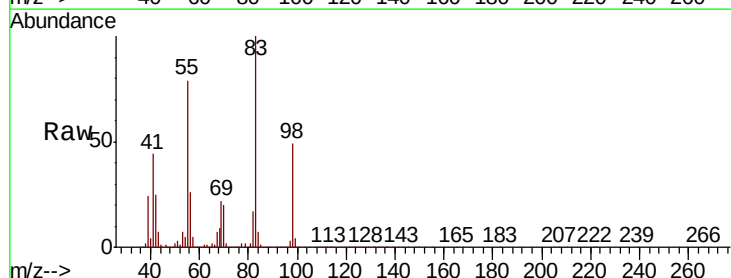
Tgt Ion: 83 Resp: 788692

Ion Ratio Lower Upper

83 100

55 77.9 61.8 92.8

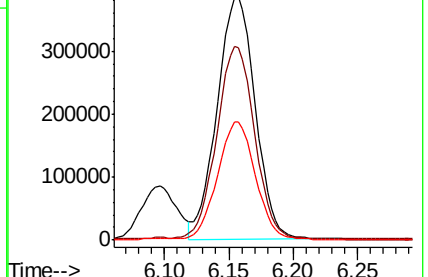
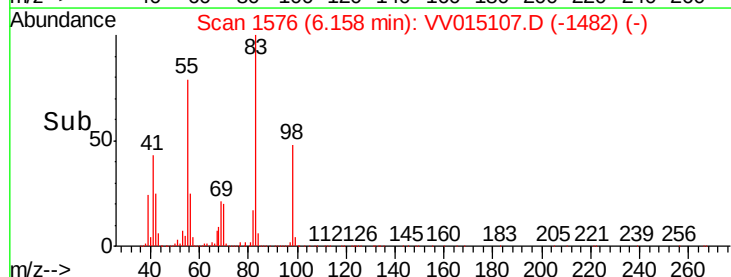
98 47.9 38.1 57.1

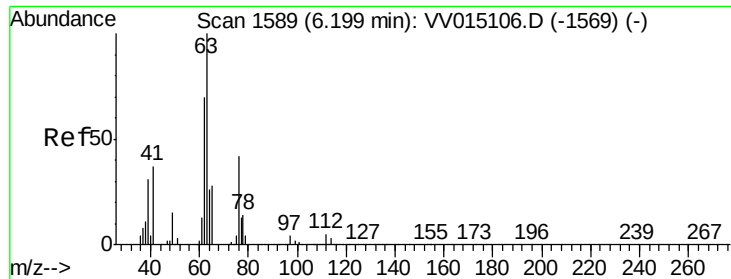


Abundance Ion 83.00 (82.70 to 83.70): VV015107.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV015107.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV015107.D (-1482) (-)

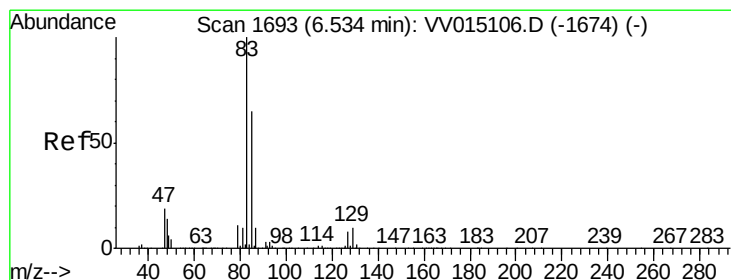
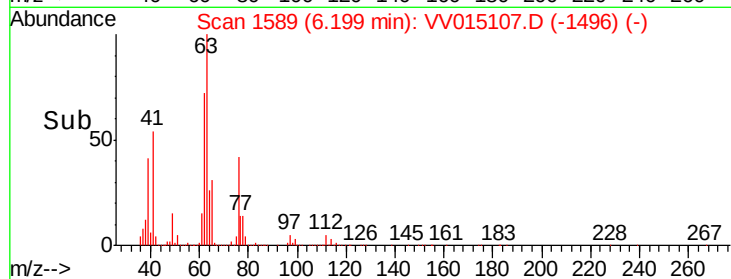
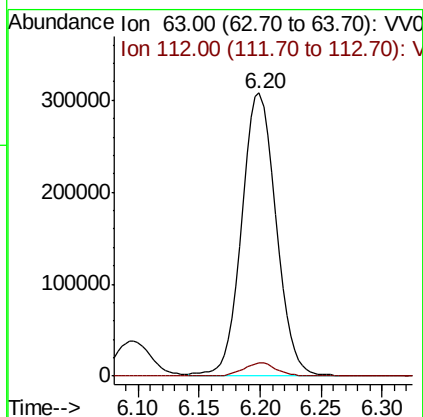
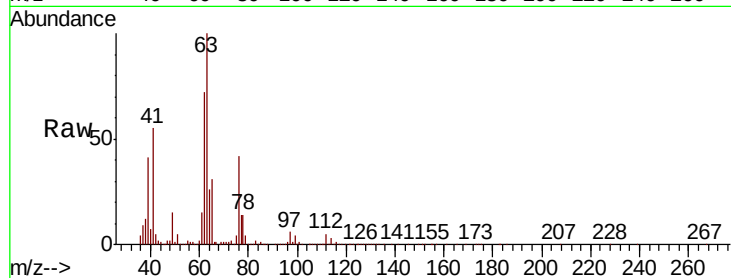




#37
 1,2-Dichloropropane
 Concen: 126.491 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

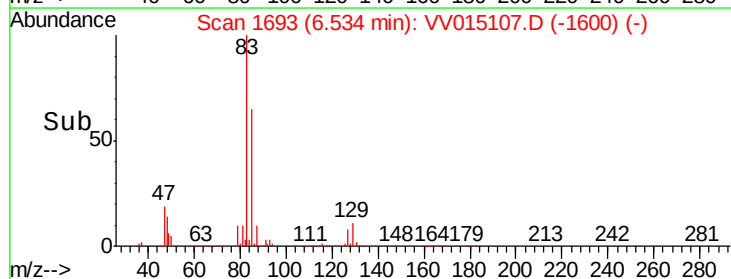
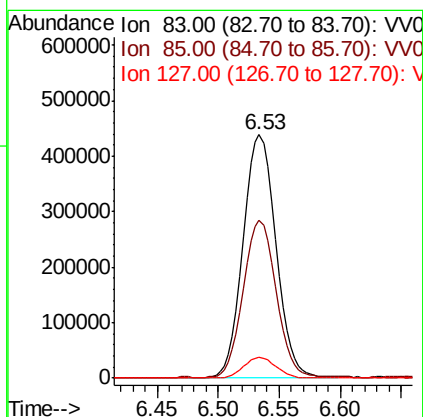
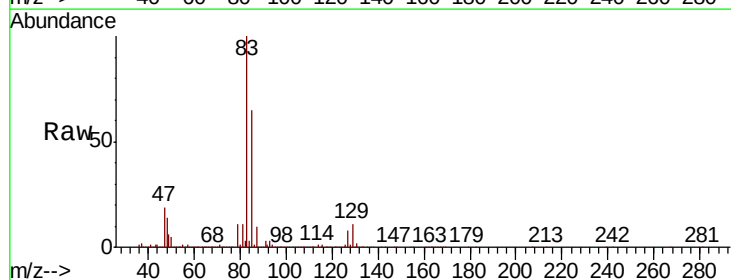
Instrument :
 MSVOA_V
 ClientSampleId :

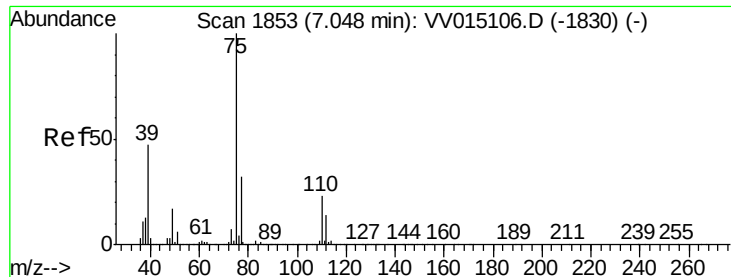
Tot Ion: 63 Resp: 593791
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.6 5.4



#38
 Bromodichloromethane
 Concen: 120.120 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion: 83 Resp: 809696
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.6 84.8
 127 8.5 6.5 9.7

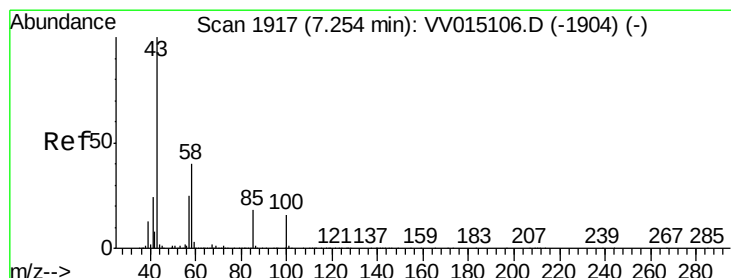
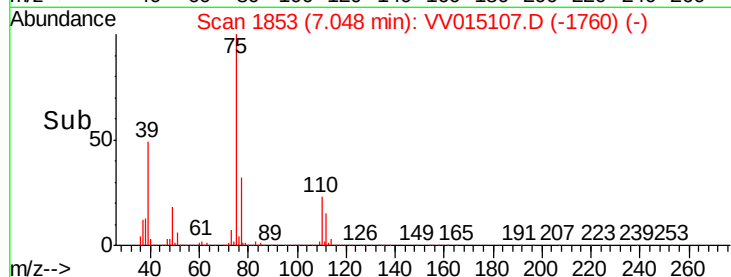
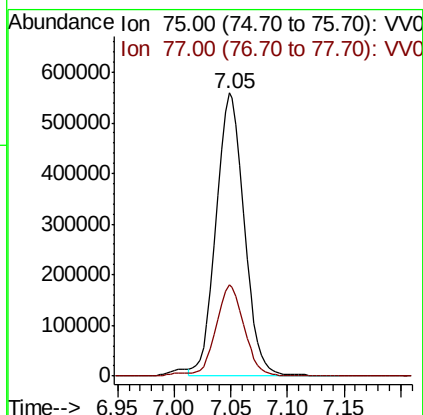
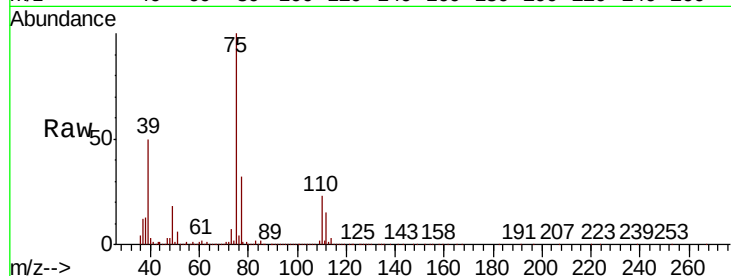




#39
 cis-1,3-Dichloropropene
 Concen: 123.817 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

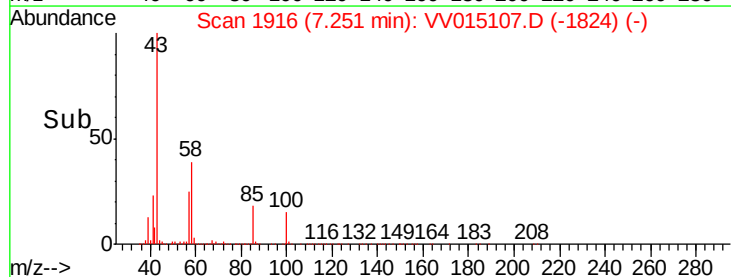
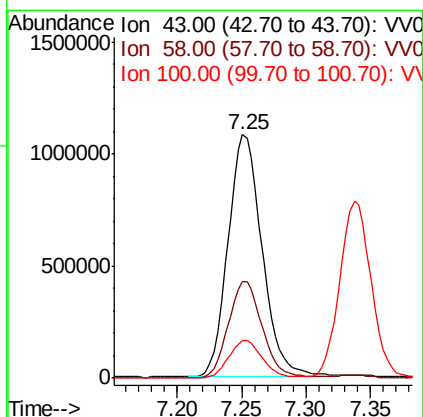
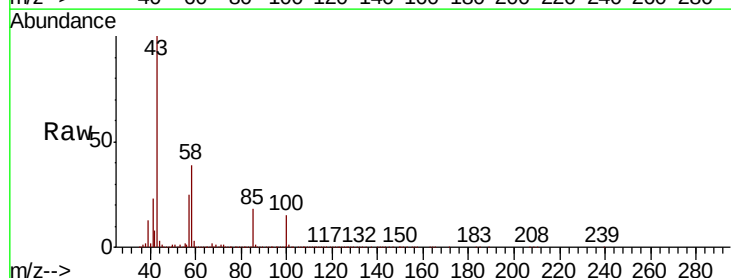
Instrument :
 MSVOA_V
 ClientSampleId :

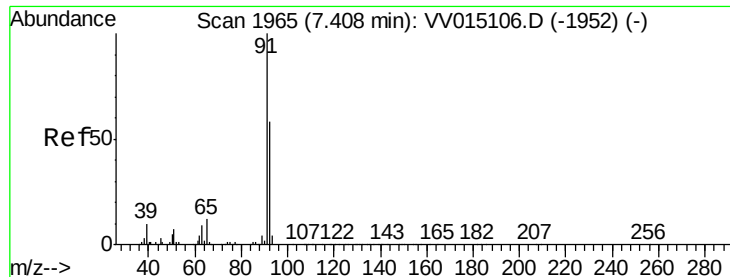
Tot Ion: 75 Resp: 961085
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 293.590 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion: 43 Resp: 1995176
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.8 47.8
 100 15.3 12.2 18.4





#42

Toluene

Concen: 112.426 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

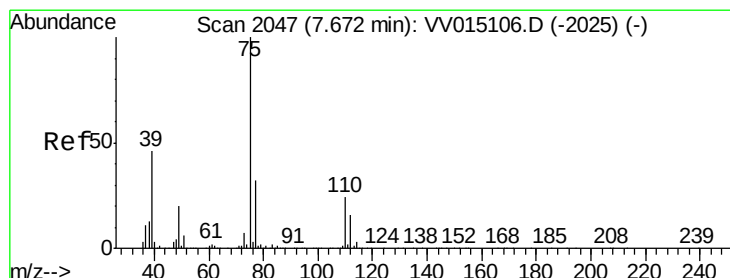
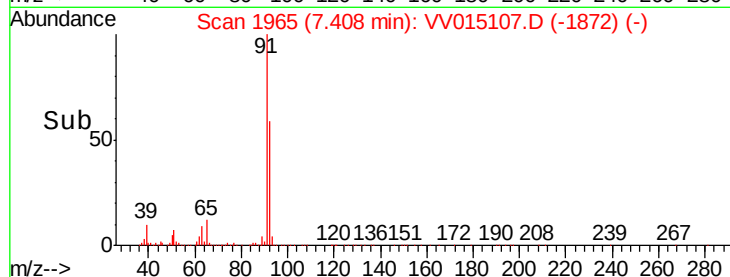
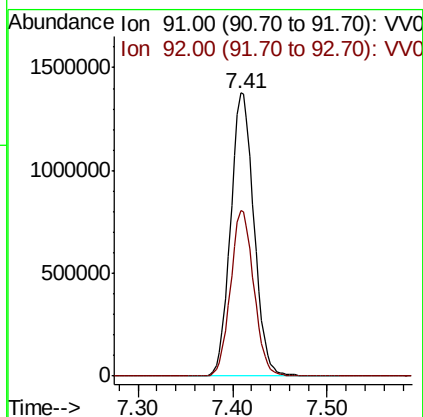
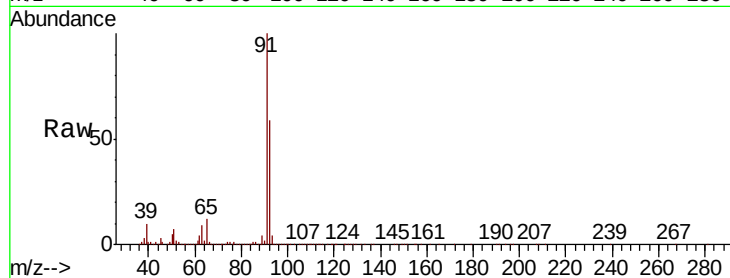
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 2356983

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 127.777 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015107.D

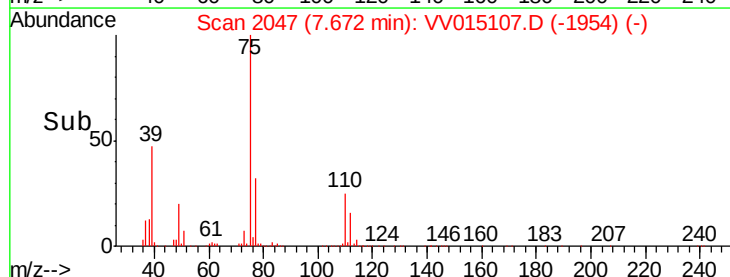
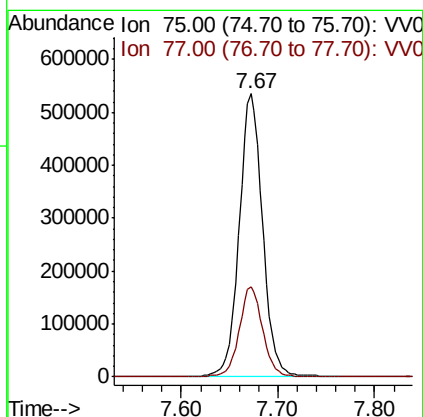
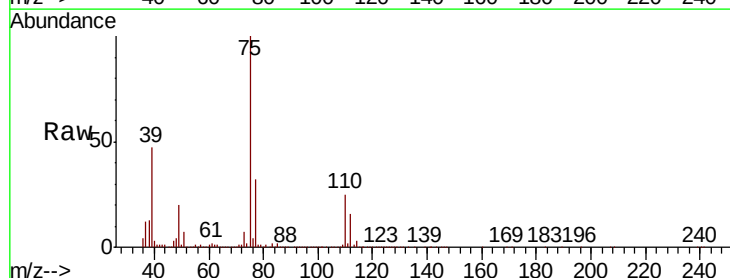
Acq: 24 Mar 2020 00:22

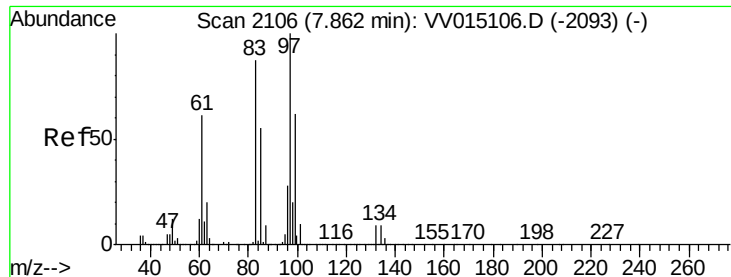
Tgt Ion: 75 Resp: 898310

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2

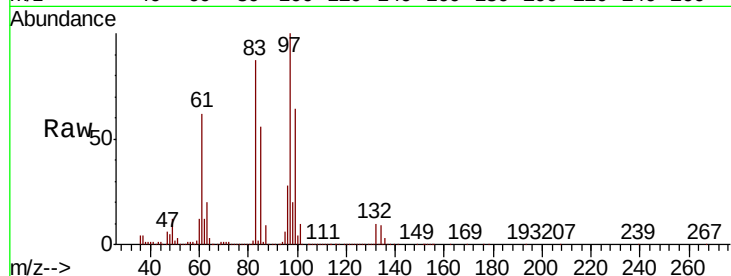




#45
 1,1,2-Trichloroethane
 Concen: 113.900 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:	97	Resp:	562035
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.8	81.3
83	87.0	61.0	113.4
85	56.4	38.7	71.9



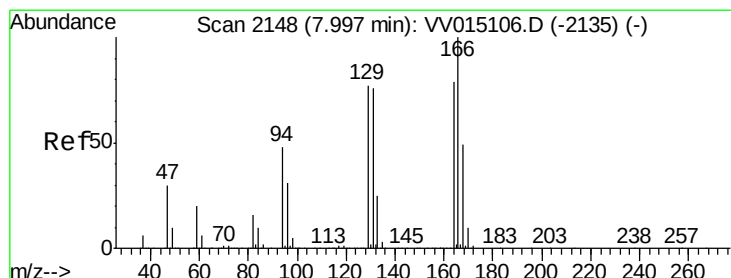
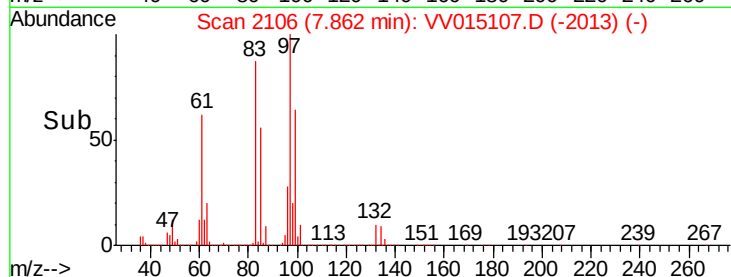
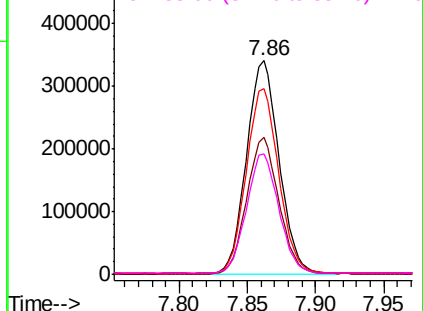
Abundance

Ion 97.00 (96.70 to 97.70): VV015107.D (-2093) (-)

Ion 99.00 (98.70 to 99.70): VV015107.D (-2093) (-)

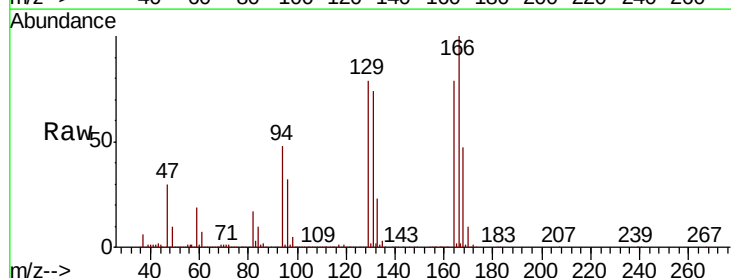
Ion 83.00 (82.70 to 83.70): VV015107.D (-2093) (-)

Ion 85.00 (84.70 to 85.70): VV015107.D (-2093) (-)



#46
 Tetrachloroethene
 Concen: 83.753 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion:	164	Resp:	375036
Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.3	126.8
131	93.8	67.3	125.1
166	126.0	88.1	163.7



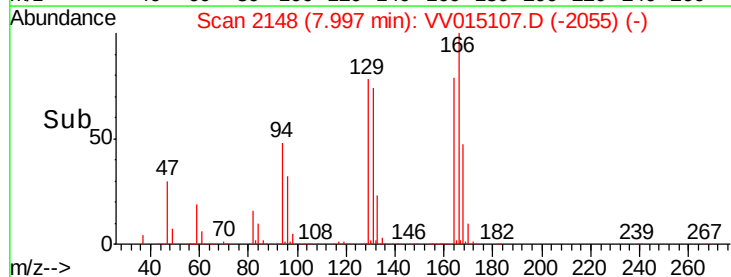
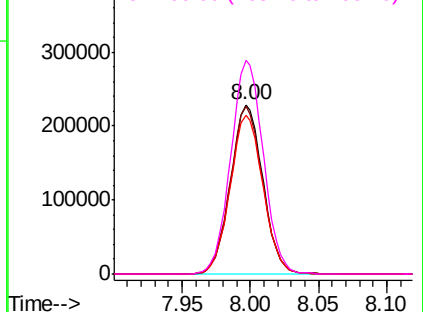
Abundance

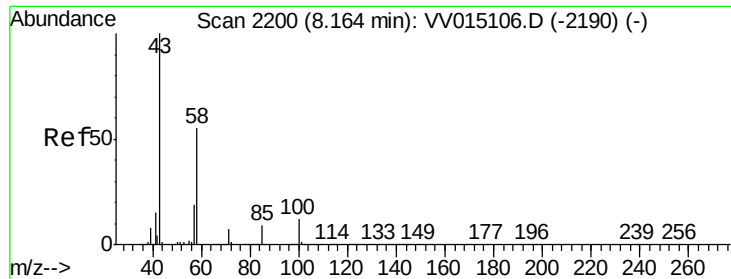
Ion 164.00 (163.70 to 164.70): VV015107.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV015107.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV015107.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV015107.D (-2135) (-)

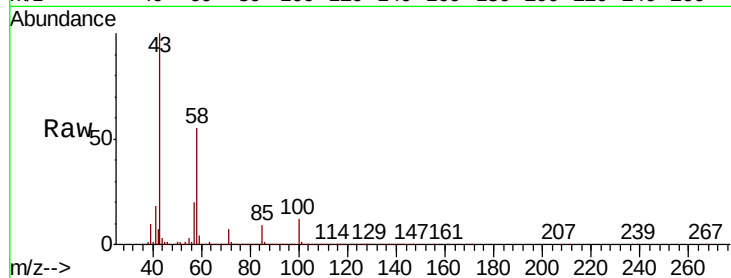




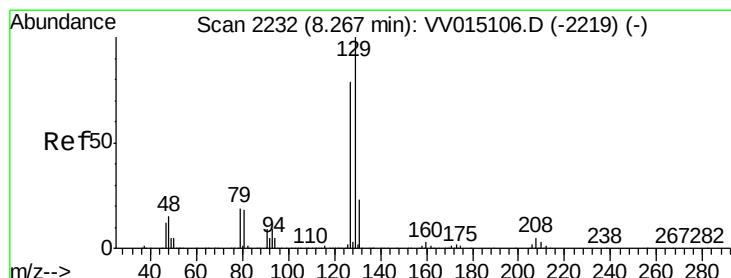
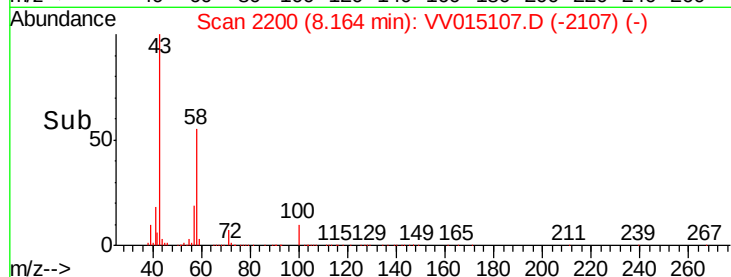
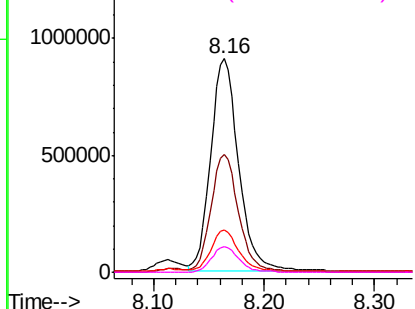
#48
2-Hexanone
Concen: 311.667 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1592997
Ion Ratio Lower Upper
43 100
58 55.2 44.2 66.2
57 18.2 14.0 21.0
100 11.9 9.6 14.4

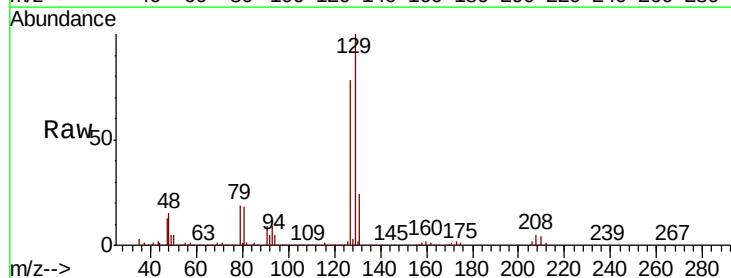


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

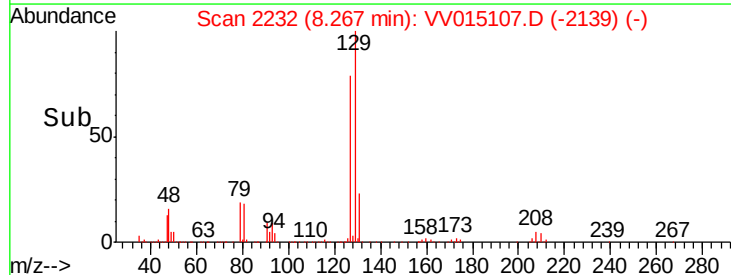
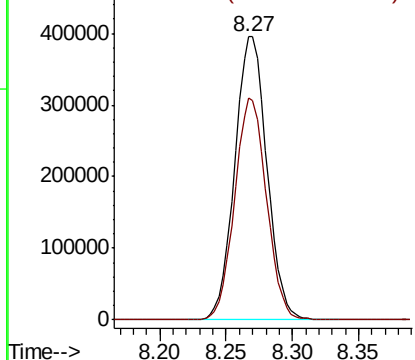


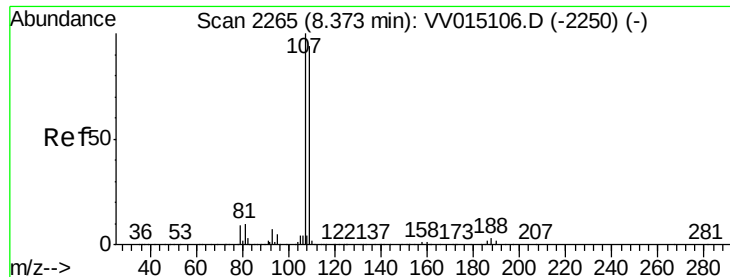
#49
Dibromochloromethane
Concen: 115.832 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Tgt Ion: 129 Resp: 663621
Ion Ratio Lower Upper
129 100
127 78.2 55.2 102.6



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

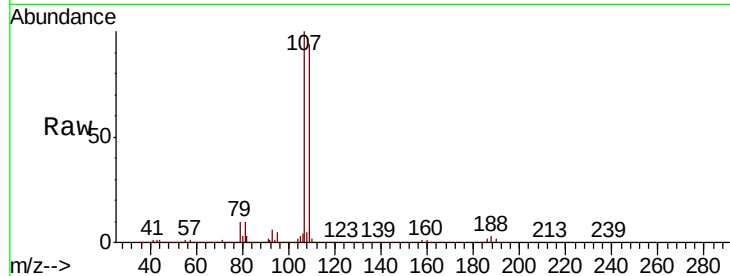




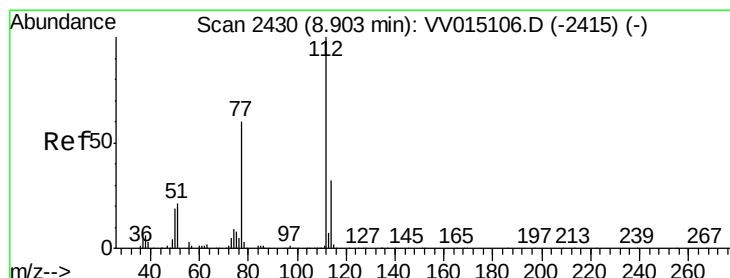
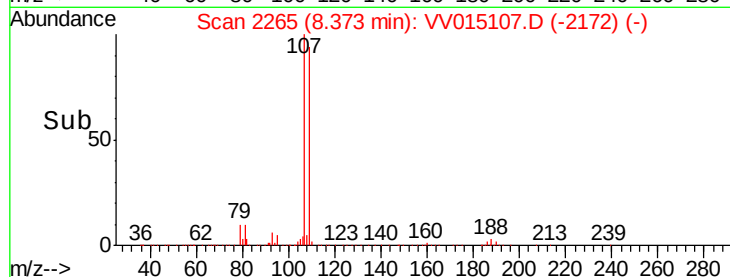
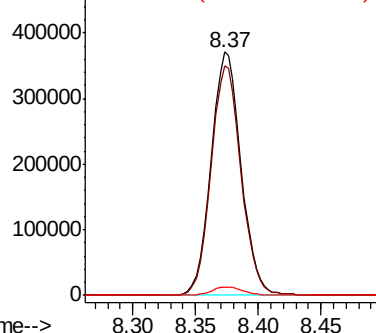
#50
 1,2-Dibromoethane
 Concen: 112.193 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	65.9	122.5
188	3.4	2.4	3.6

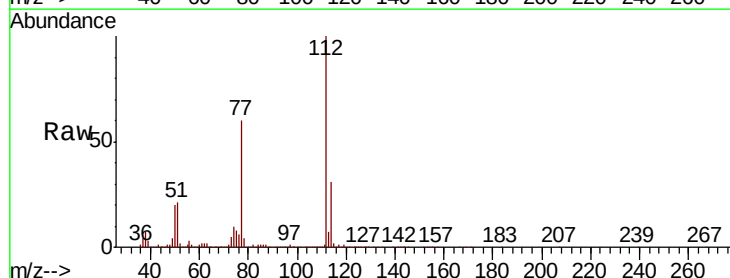


Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

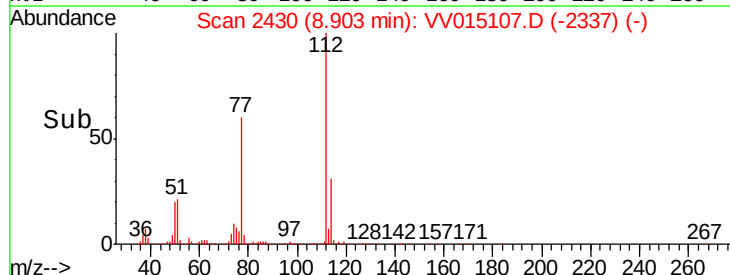
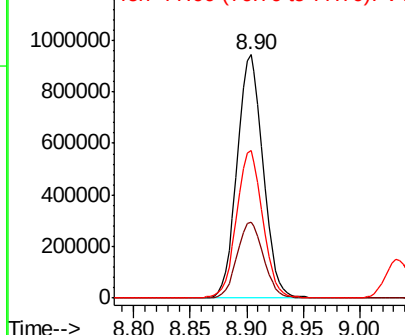


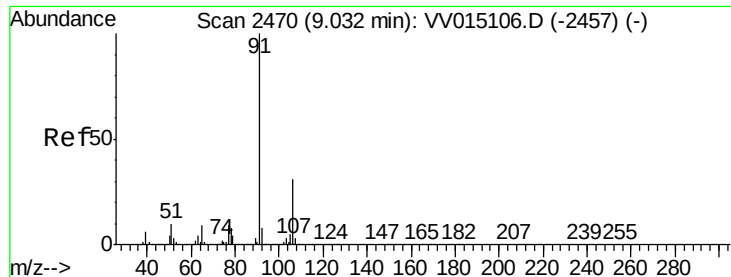
#51
 Chlorobenzene
 Concen: 104.302 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.3	41.3
77	60.4	48.1	72.1



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 109.707 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

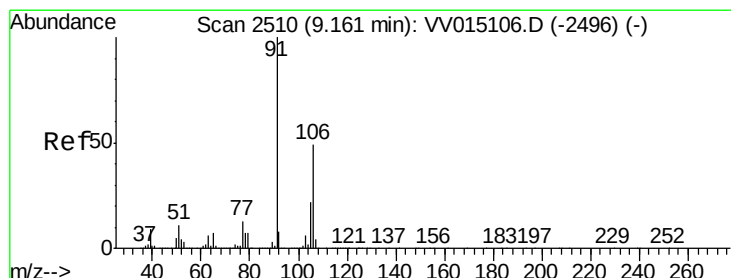
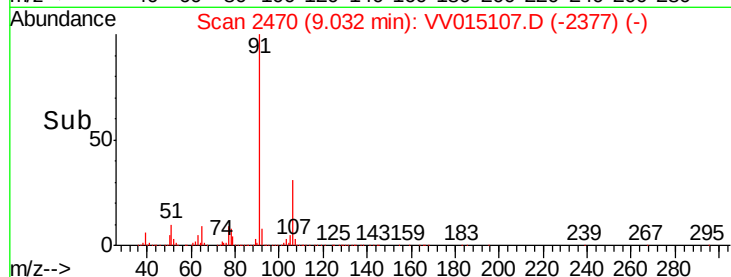
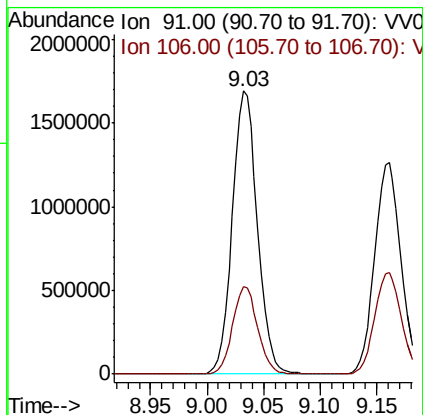
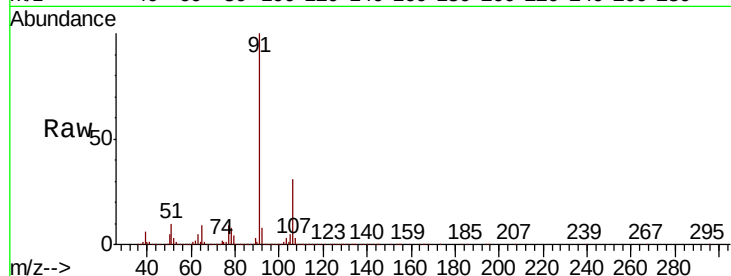
ClientSampleId :

Tot Ion: 91 Resp: 2603711

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



#53

m,p-Xylene

Concen: 108.111 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015107.D

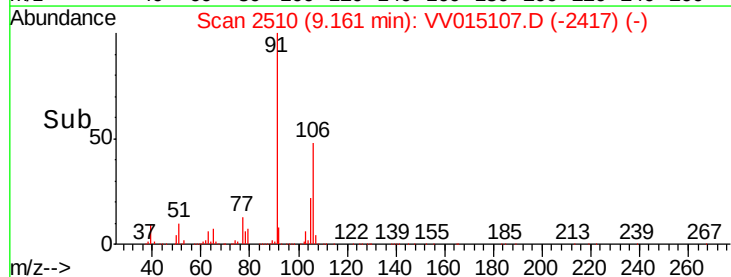
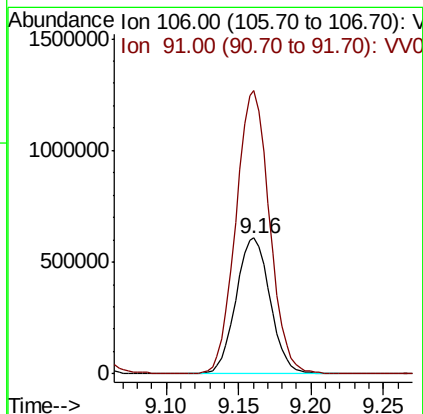
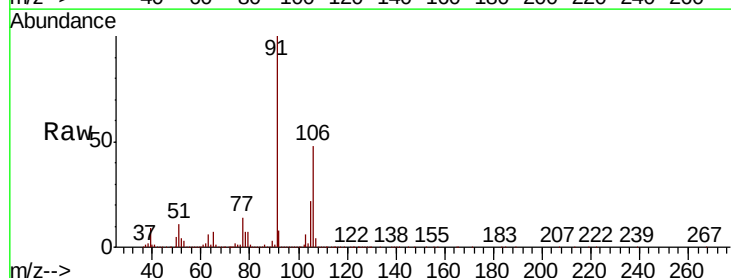
Acq: 24 Mar 2020 00:22

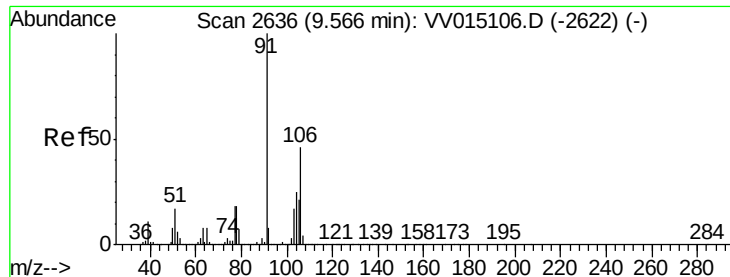
Tgt Ion: 106 Resp: 993551

Ion Ratio Lower Upper

106 100

91 207.9 143.9 267.2

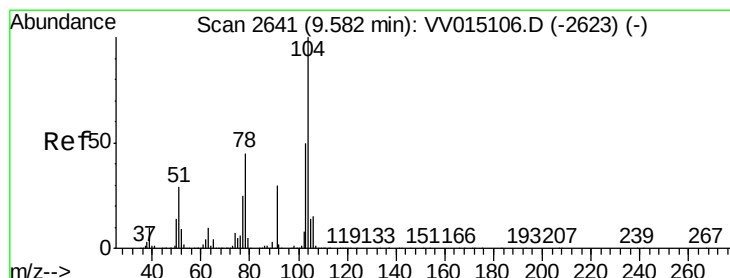
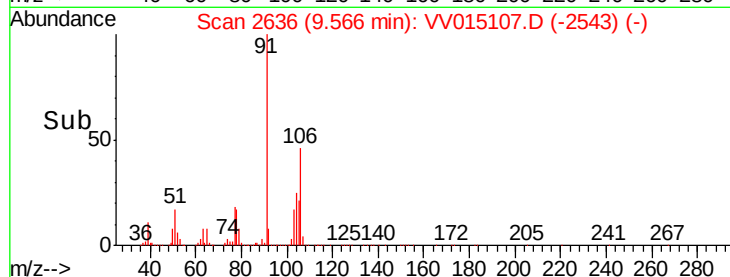
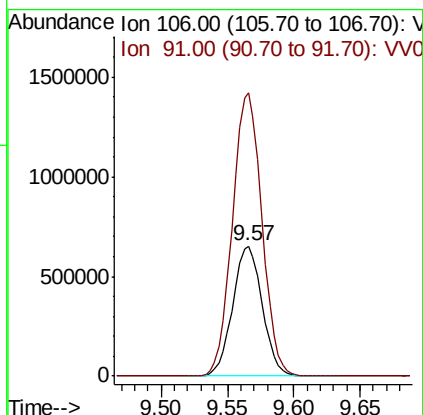
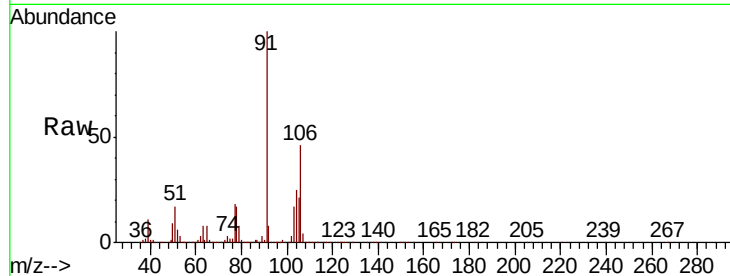




#54
o-xylene
Concen: 110.386 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

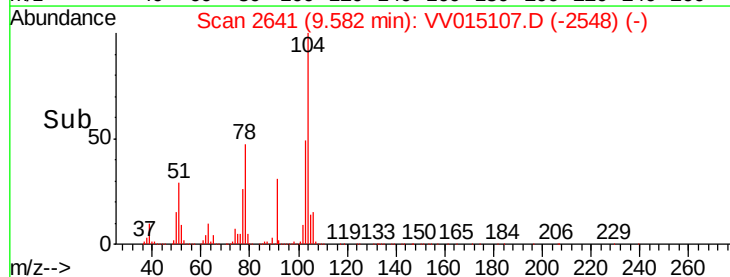
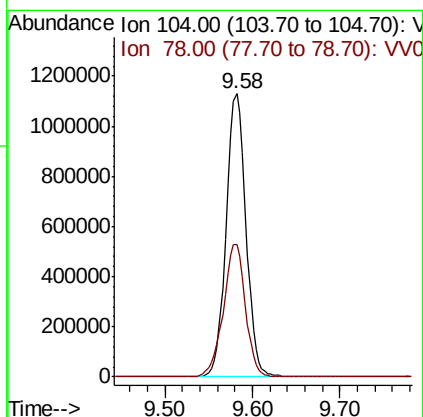
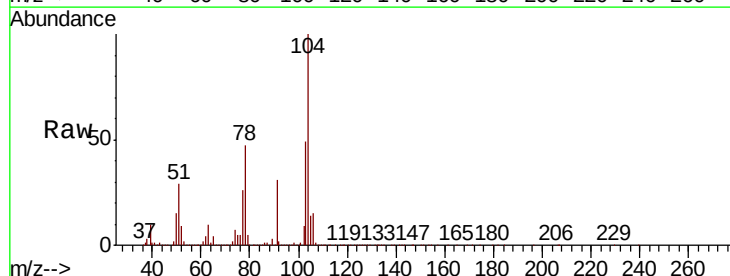
Instrument :
MSVOA_V
ClientSampled :

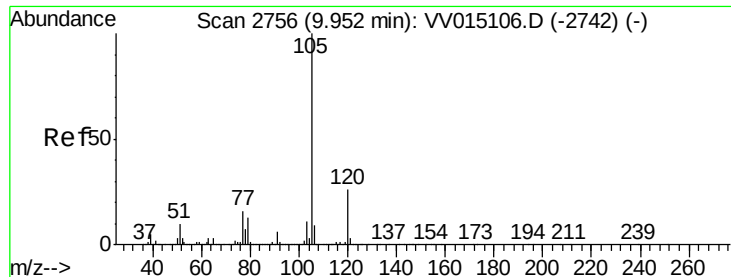
Tot Ion:106 Resp: 1009249
Ion Ratio Lower Upper
106 100
91 217.4 151.1 280.7



#55
Styrene
Concen: 115.418 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV015107.D
Acq: 24 Mar 2020 00:22

Tgt Ion:104 Resp: 1785961
Ion Ratio Lower Upper
104 100
78 46.6 31.8 59.0





#56

Isopropylbenzene

Concen: 106.706 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

ClientSampleId :

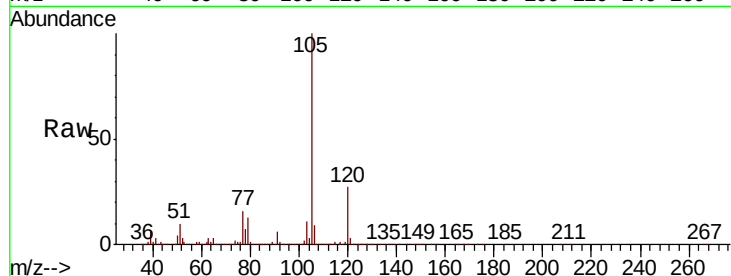
Tot Ion:105 Resp: 2517878

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

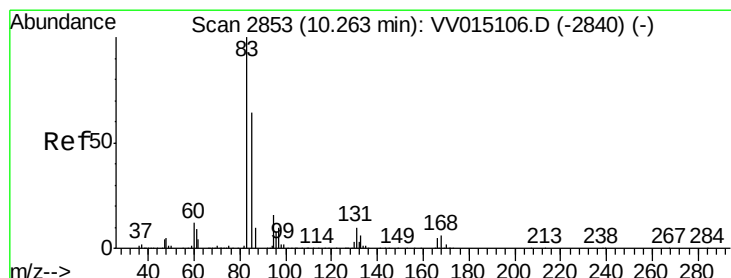
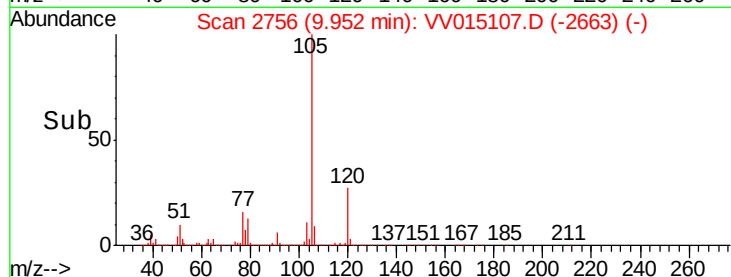
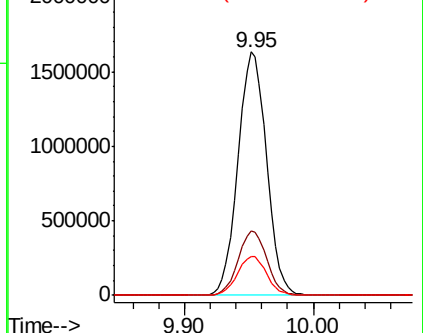
77 16.1 12.8 19.2



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



#58

1,1,2,2-Tetrachloroethane

Concen: 119.684 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

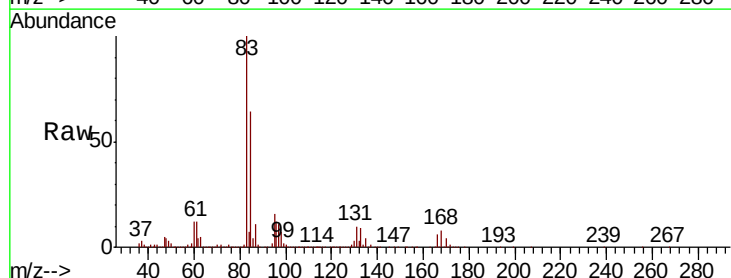
Tgt Ion: 83 Resp: 973558

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6

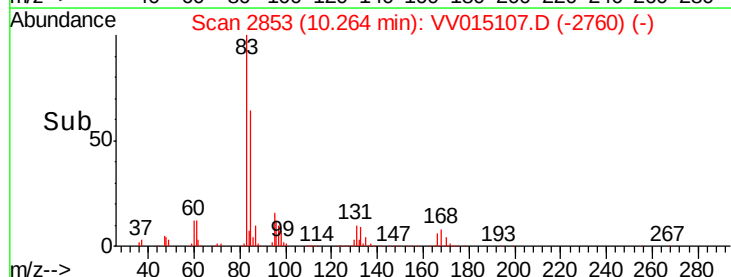
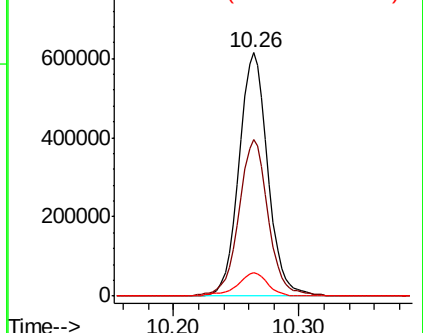
131 9.6 7.8 11.8

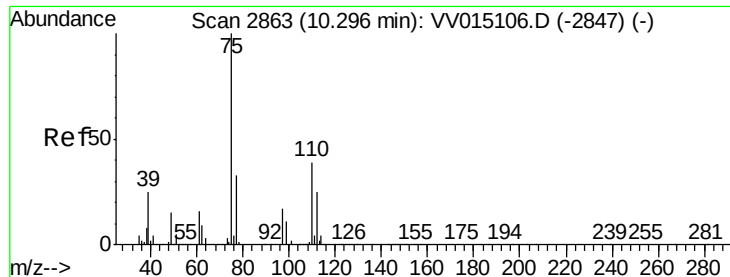


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 122.536 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Instrument :

MSVOA_V

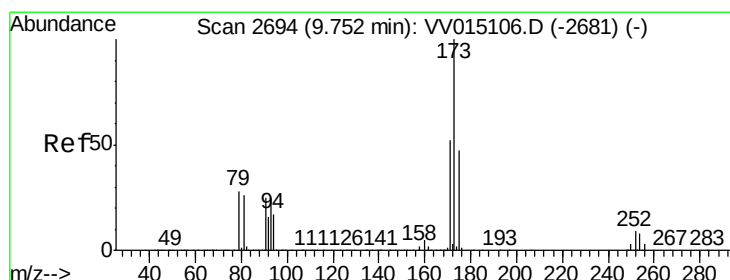
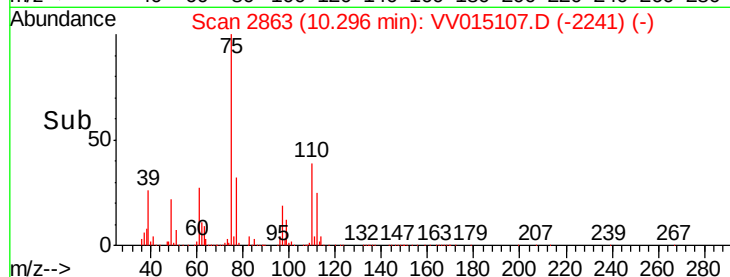
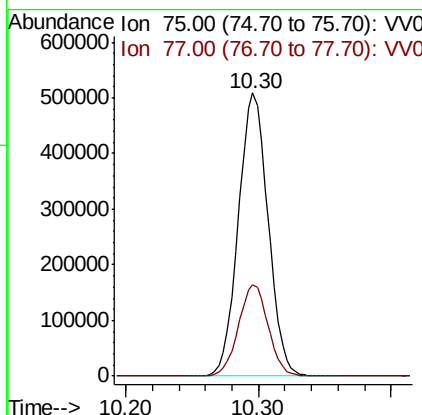
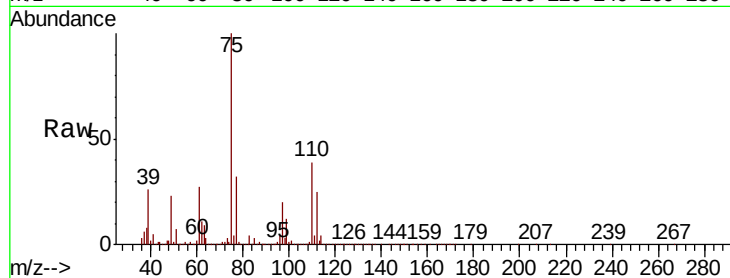
ClientSampleId :

Tot Ion: 75 Resp: 792298

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8



#61

Bromoform

Concen: 126.024 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

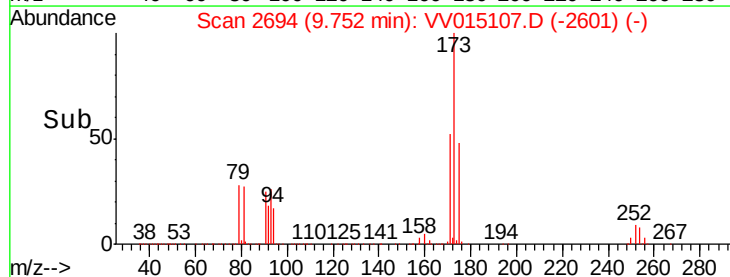
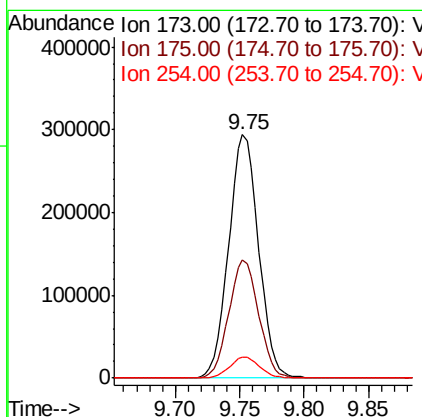
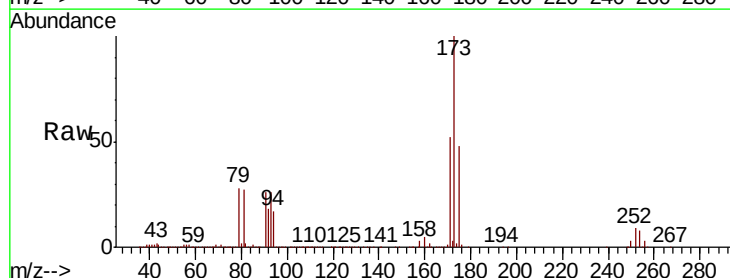
Tgt Ion: 173 Resp: 473130

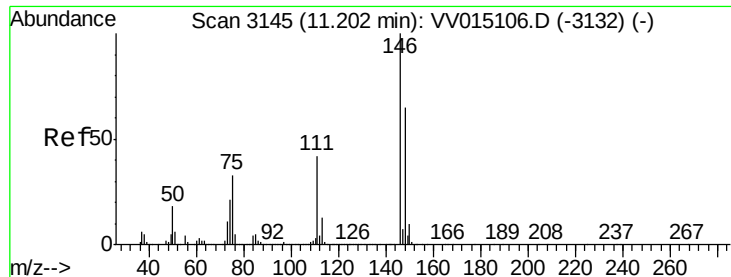
Ion Ratio Lower Upper

173 100

175 48.2 38.1 57.1

254 8.5 6.6 9.8



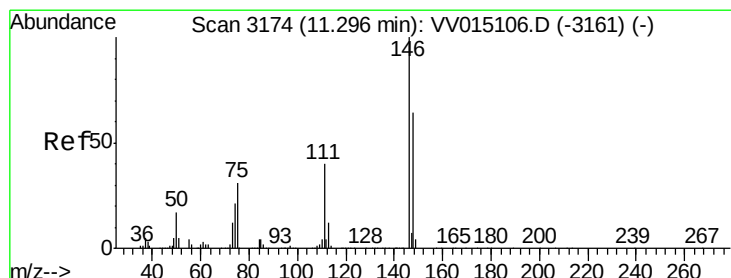
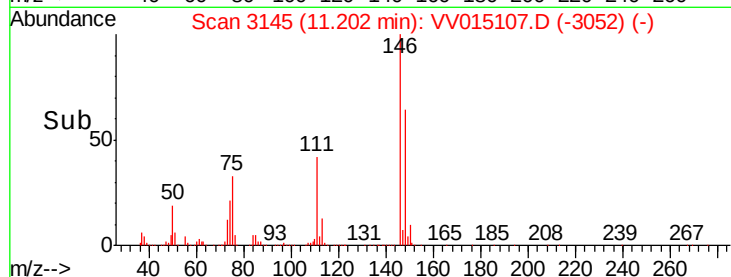
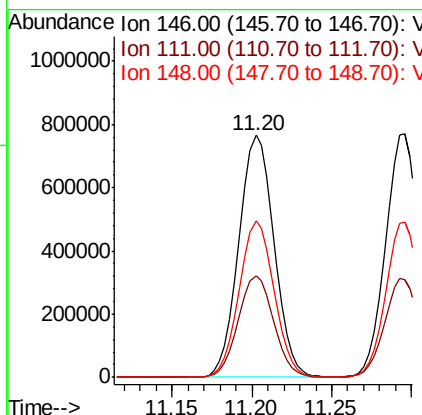
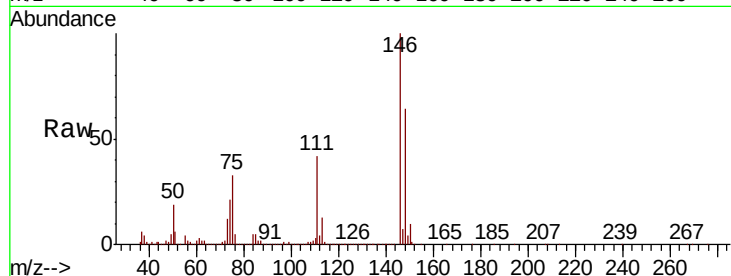


#62
 1,3-Dichlorobenzene
 Concen: 105.767 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:146 Resp: 1148582

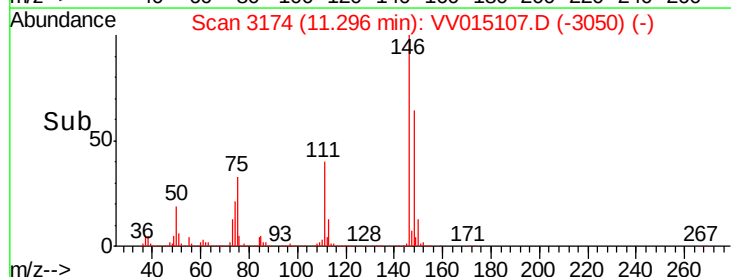
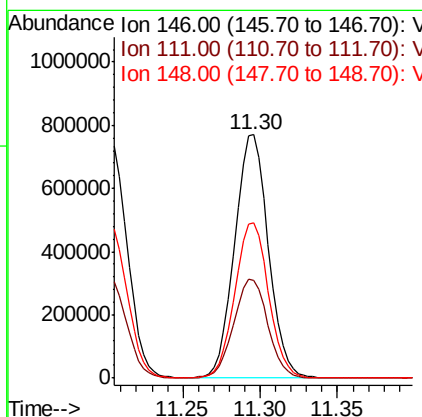
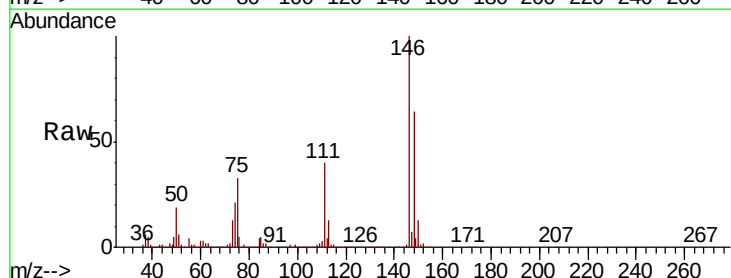
Ion	Ratio	Lower	Upper
146	100		
111	42.0	29.7	55.1
148	64.5	45.3	84.1

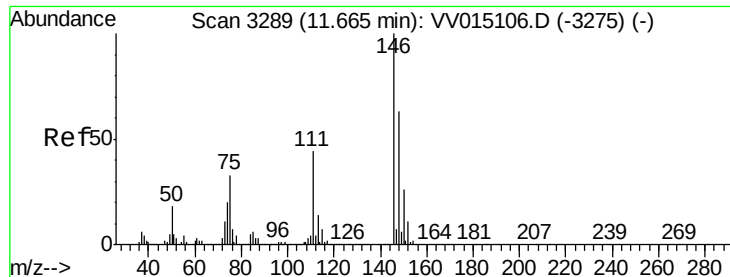


#63
 1,4-Dichlorobenzene
 Concen: 102.652 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion:146 Resp: 1161693

Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.2	52.4
148	63.9	44.9	83.5

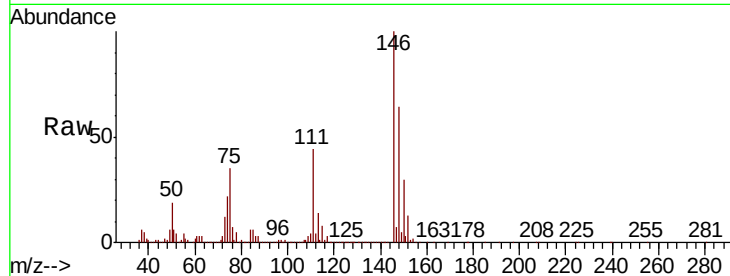




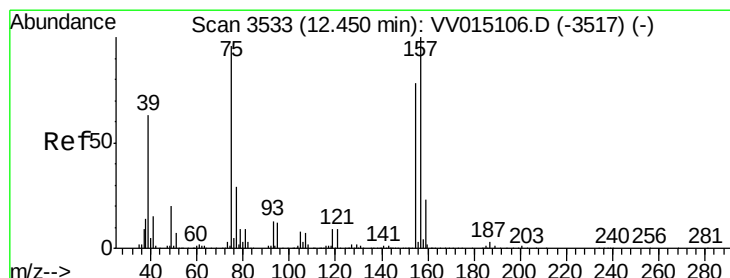
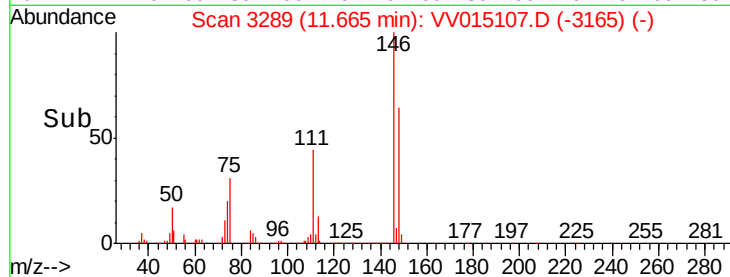
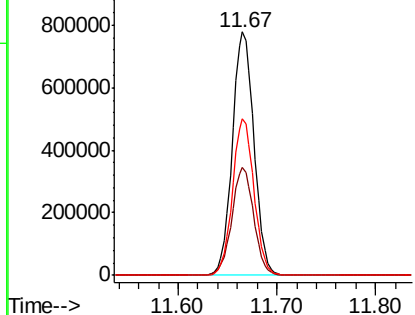
#65
 1,2-Dichlorobenzene
 Concen: 102.611 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:146 Resp: 1191754
 Ion Ratio Lower Upper
 146 100
 111 44.1 35.2 52.8
 148 64.2 50.6 75.8

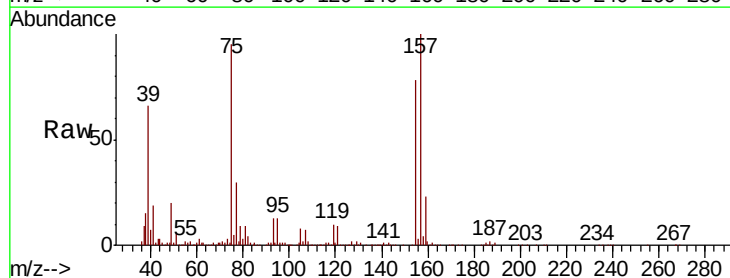


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

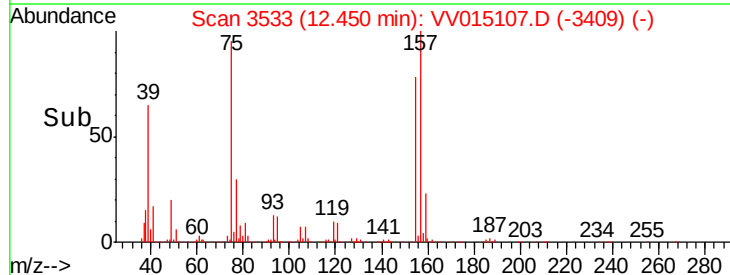
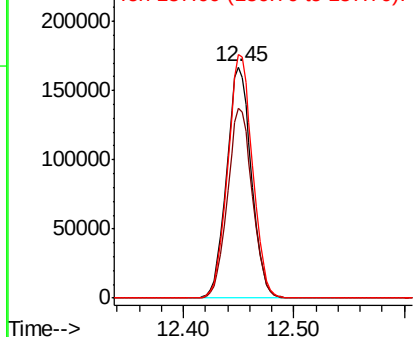


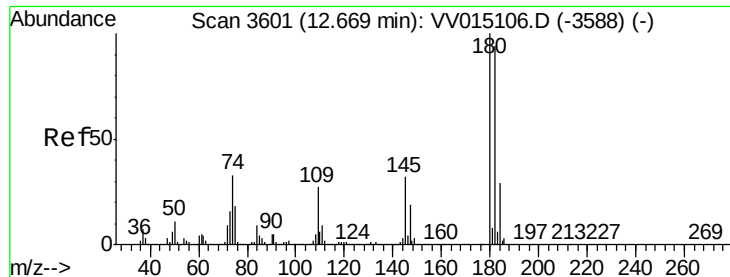
#66
 1,2-Dibromo-3-chloropropane
 Concen: 143.461 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion: 75 Resp: 259328
 Ion Ratio Lower Upper
 75 100
 155 82.0 65.2 97.8
 157 105.2 83.3 124.9



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

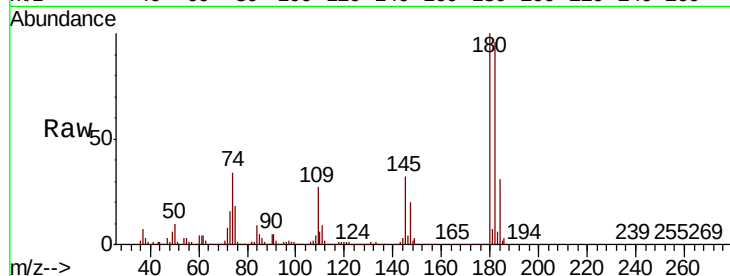




#67
 1,3,5-Trichlorobenzene
 Concen: 96.690 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.9	113.9
184	30.1	23.7	35.5
145	31.7	25.8	38.6



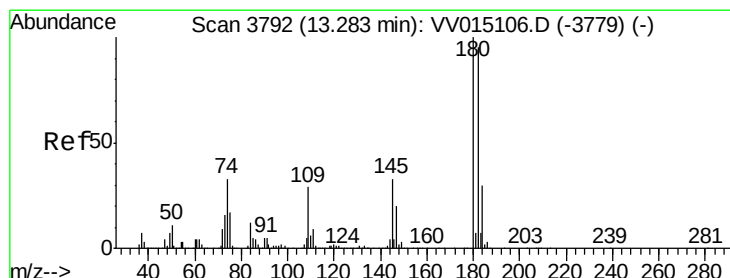
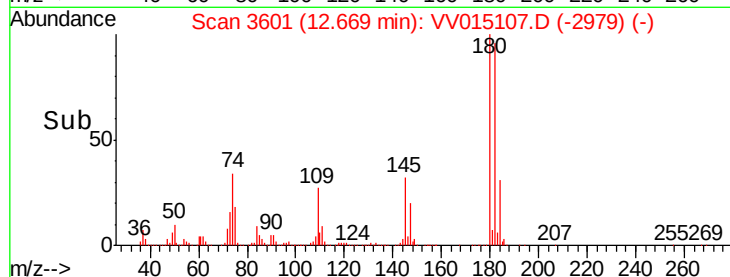
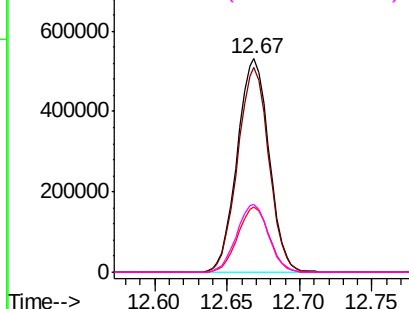
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

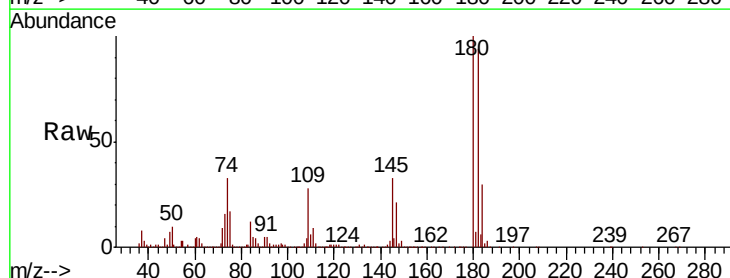
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 99.316 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV015107.D
 Acq: 24 Mar 2020 00:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.5	113.3
145	32.9	26.4	39.6

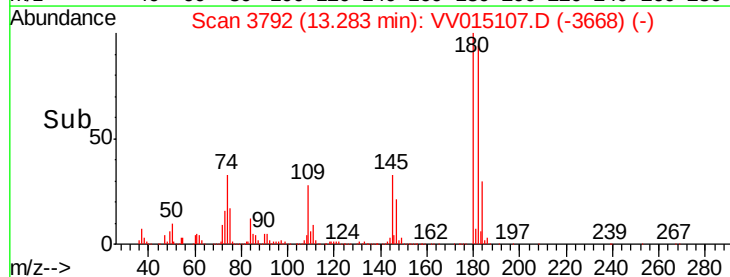
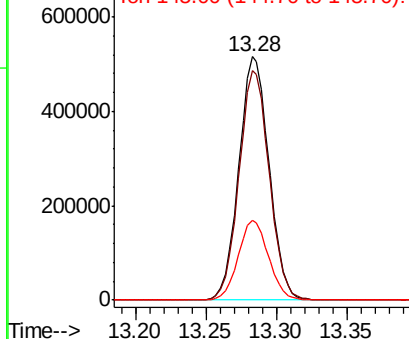


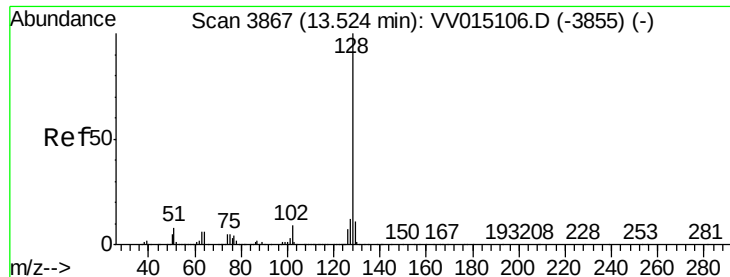
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 135.210 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

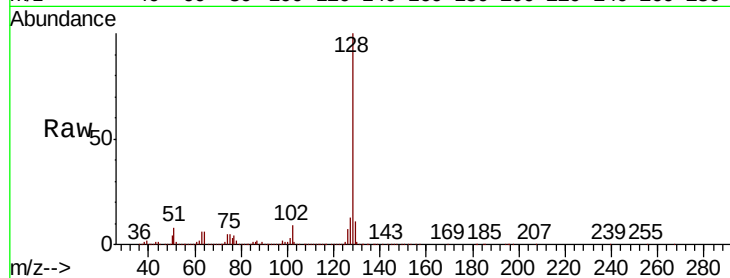
Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 1509368

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.8	13.2

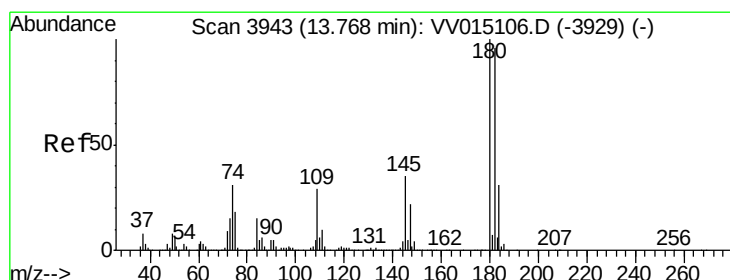
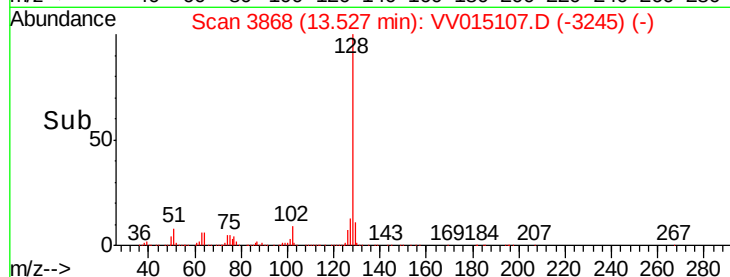
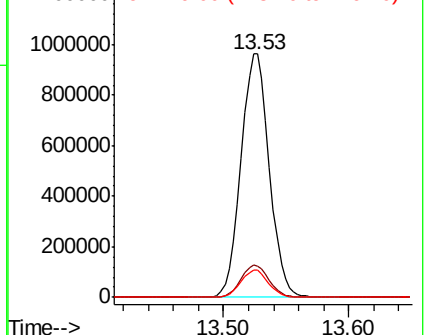


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 104.312 ug/L

RT: 13.77 min Scan# 3943

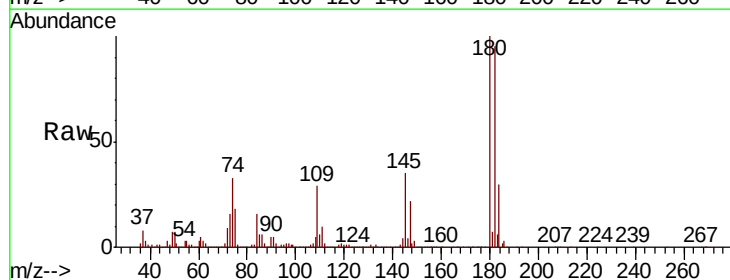
Delta R.T. 0.00 min

Lab File: VV015107.D

Acq: 24 Mar 2020 00:22

Tgt Ion:180 Resp: 798598

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	115.0
145	34.9	27.8	41.6



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

