

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071320\
 Data File : VW015842.D
 Acq On : 13 Jul 2020 12:39
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Jul 13 13:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 13 13:00:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	361972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	581401	98.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	559770	109.41	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	860486	86.10	ug/L	0.00
20) 2-Butanone-d5	7.08	46	191947	164.33	ug/L	0.00
24) Chloroform-d	7.65	84	965667	96.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	496511	87.77	ug/L	0.00
29) Benzene-d6	8.28	84	1939561	94.93	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	534970	88.98	ug/L	0.00
37) Toluene-d8	10.33	98	1892252	98.70	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	250500	94.81	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	171497	180.61	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	426512	91.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	672018	100.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	298736	96.710 ug/L	95
3) Chloromethane	2.22	50	378329	101.598 ug/L	99
5) Vinyl chloride	2.37	62	628016	109.959 ug/L	100
6) Bromomethane	2.78	94	527470	126.972 ug/L	99
8) Chloroethane	2.93	64	443757	118.465 ug/L	100
9) Trichlorofluoromethane	3.26	101	634808	139.224 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	409879	96.845 ug/L	97
12) 1,1-Dichloroethene	4.03	96	407332	99.707 ug/L	92
13) Acetone	4.12	43	134402	140.406 ug/L	98
14) Carbon disulfide	4.38	76	1329909	103.014 ug/L	99
15) Methyl Acetate	4.67	43	144938	82.304 ug/L	99
16) Methylene chloride	4.92	84	432913	82.469 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	571502	90.993 ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	476584	104.879 ug/L	97
19) 1,1-Dichloroethane	6.22	63	789122	97.083 ug/L	100
21) 2-Butanone	7.18	43	190478	156.677 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	506659	108.277 ug/L	99
23) Bromochloromethane	7.52	128	227570	110.119 ug/L	94
25) Chloroform	7.68	83	855532	102.890 ug/L	100
27) 1,2-Dichloroethane	8.40	62	530055	92.732 ug/L	100
30) Cyclohexane	7.96	56	733161	95.305 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	760531	100.625 ug/L	98
32) Carbon tetrachloride	8.07	117	736903	106.920 ug/L	99
34) Benzene	8.32	78	1900471	99.169 ug/L	100
35) Trichloroethene	9.09	95	514485	100.047 ug/L	95
36) Methylcyclohexane	9.34	83	918375	103.333 ug/L	99
40) 1,2-Dichloropropane	9.37	63	437295	93.846 ug/L	100
41) Bromodichloromethane	9.65	83	629961	103.502 ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	755928	104.398 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	438916	169.358 ug/L	99

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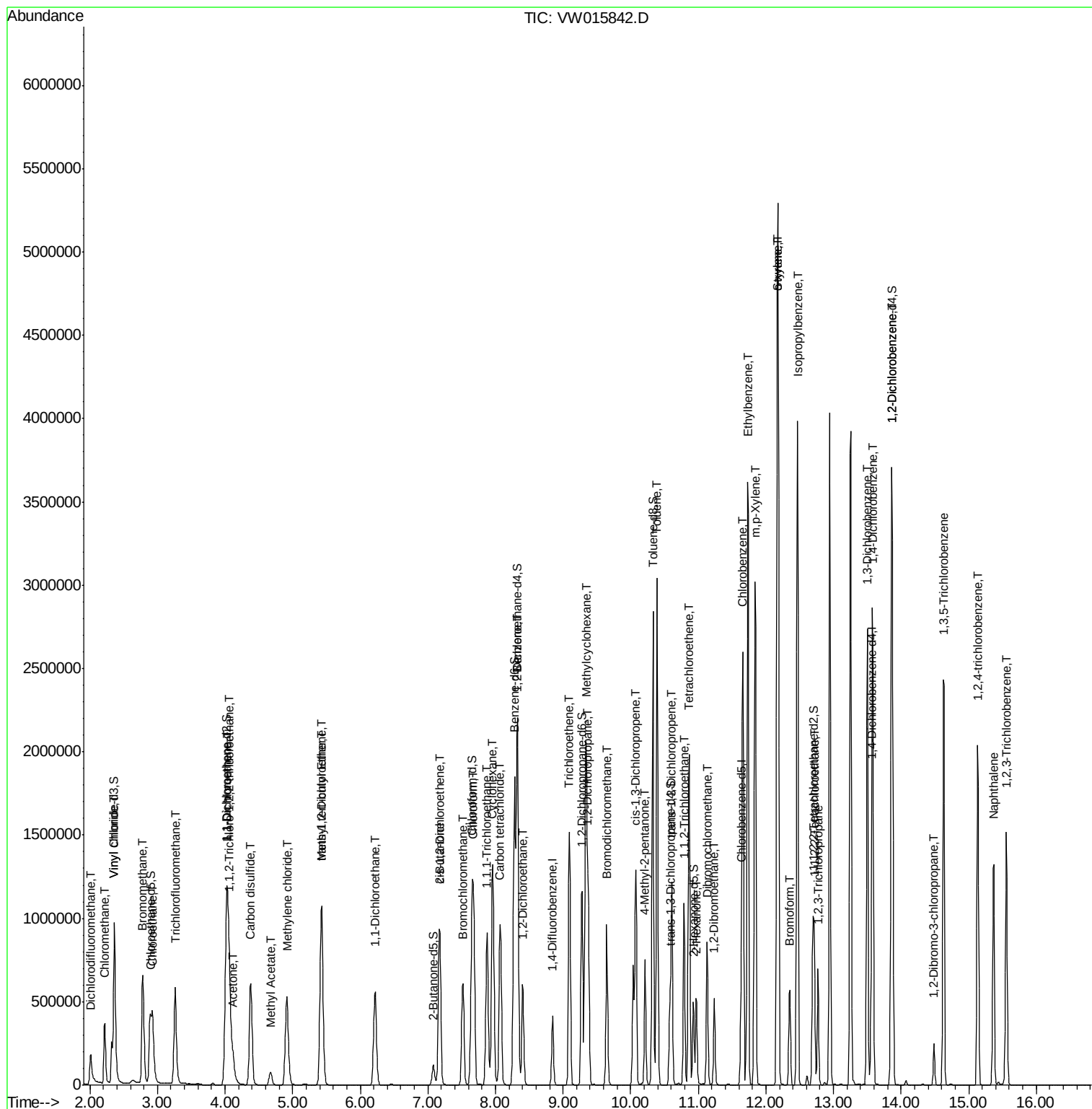
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2229791	105.979	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	666330	105.626	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	341602	100.808	ug/L	98
47) Tetrachloroethene	10.87	164	435315	104.712	ug/L	97
49) 2-Hexanone	10.97	43	307448	169.471	ug/L	99
50) Dibromochloromethane	11.13	129	460333	114.398	ug/L	97
51) 1,2-Dibromoethane	11.24	107	338351	102.536	ug/L	97
52) Chlorobenzene	11.66	112	1454748	109.042	ug/L	95
53) Ethylbenzene	11.73	91	2533280	106.563	ug/L	99
54) m,p-Xylene	11.84	106	997974	111.194	ug/L	89
55) o-xylene	12.17	106	972136	112.970	ug/L	100
56) Styrene	12.18	104	1658280	113.889	ug/L	99
57) Isopropylbenzene	12.47	105	2670261	112.841	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	393982	98.717	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	280014	93.019	ug/L	100
62) Bromoform	12.35	173	265915	118.622	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1154573	109.952	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	1089619	103.934	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1009211	109.189	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	59332	92.614	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	778453	109.300	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	641287	112.016	ug/L	99
69) Naphthalene	15.37	128	1184509	113.433	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	543912	109.958	ug/L	96

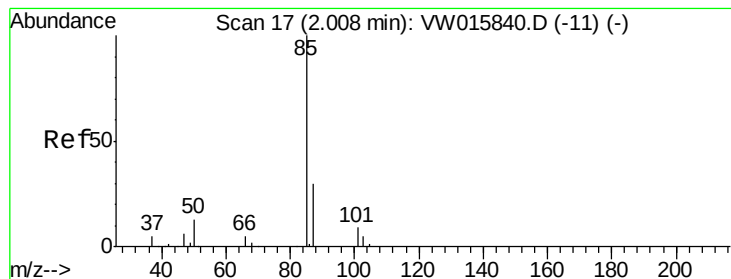
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 96.710 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

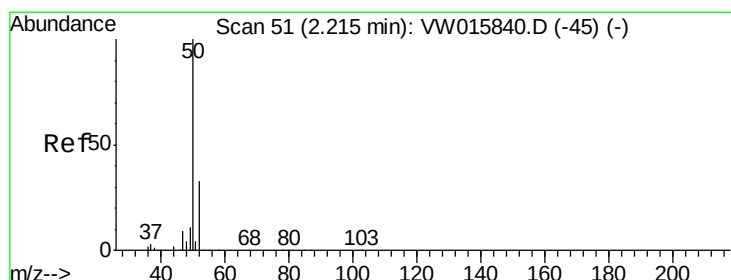
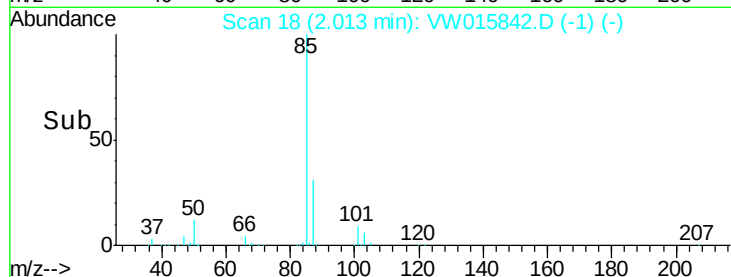
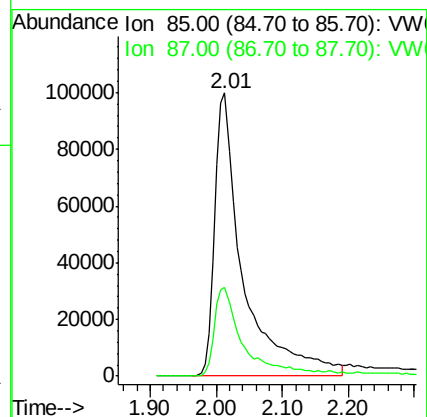
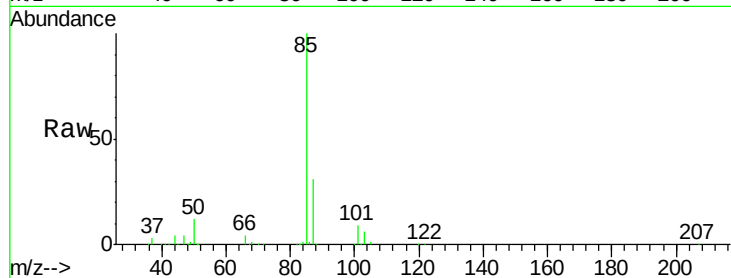
VSTD10003

Tgt Ion: 85 Resp: 298736

Ion Ratio Lower Upper

85 100

87 30.0 23.2 43.0



#3

Chloromethane

Concen: 101.598 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015842.D

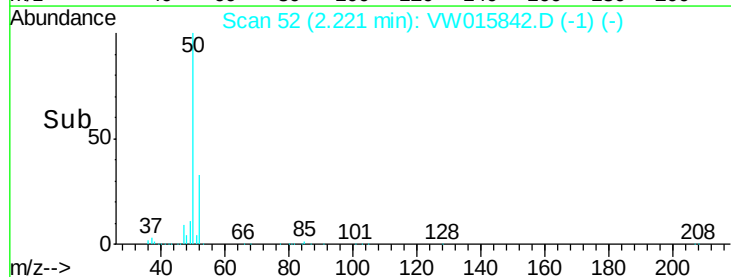
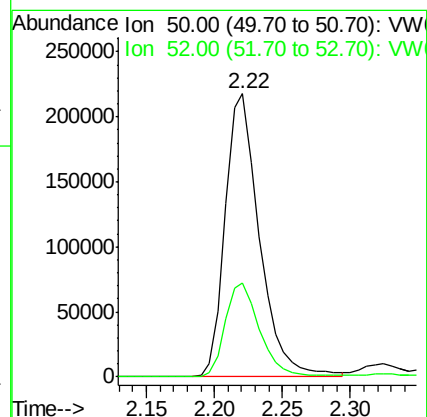
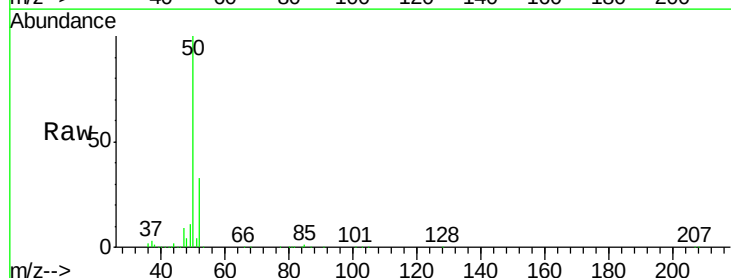
Acq: 13 Jul 2020 12:39

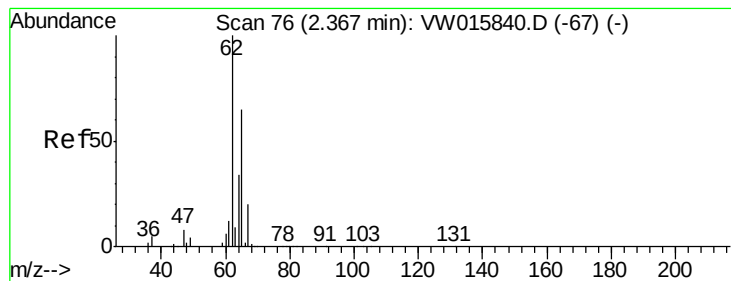
Tgt Ion: 50 Resp: 378329

Ion Ratio Lower Upper

50 100

52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 109.959 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

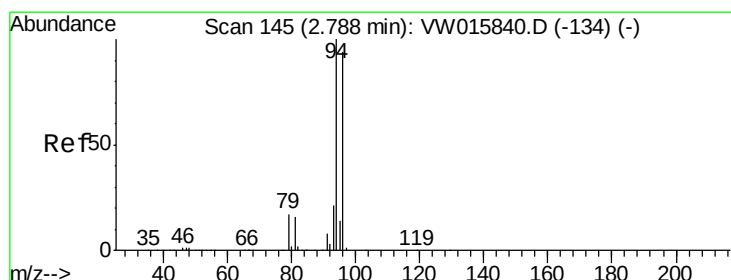
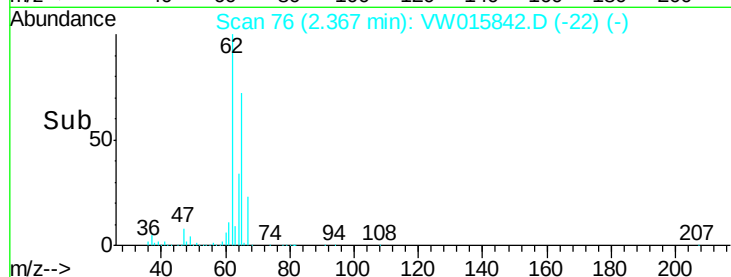
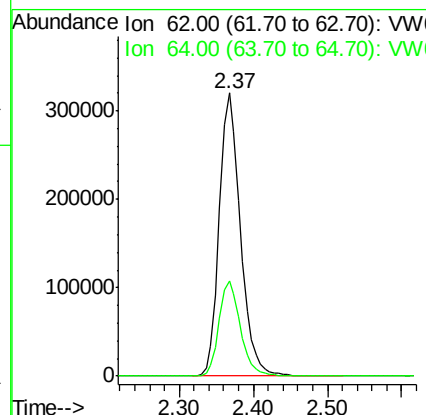
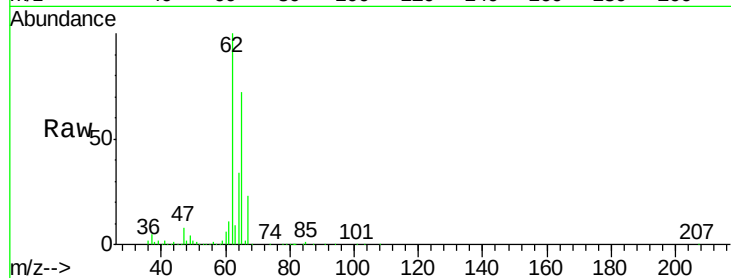
VSTD10003

Tgt Ion: 62 Resp: 628016

Ion Ratio Lower Upper

62 100

64 33.8 23.7 43.9



#6

Bromomethane

Concen: 126.972 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015842.D

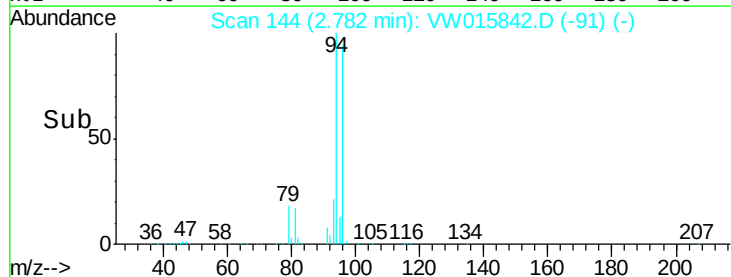
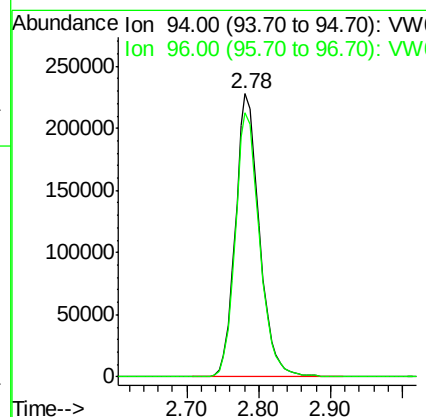
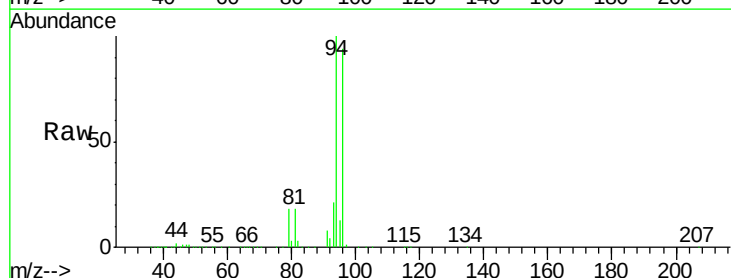
Acq: 13 Jul 2020 12:39

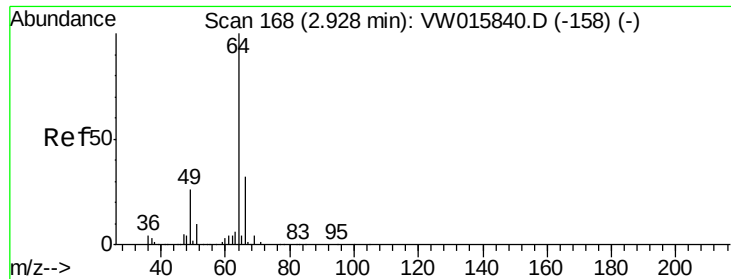
Tgt Ion: 94 Resp: 527470

Ion Ratio Lower Upper

94 100

96 94.8 9.4 179.0





#8

Chloroethane

Concen: 118.465 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

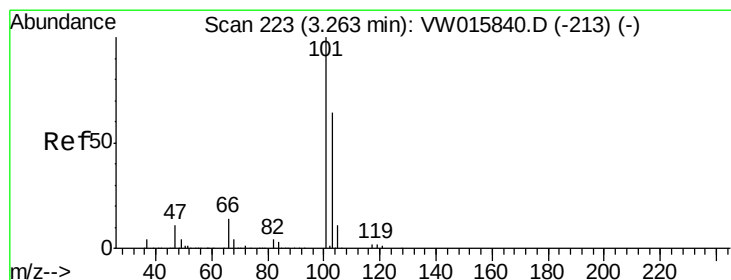
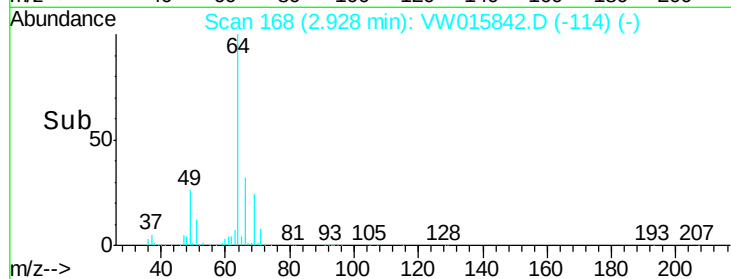
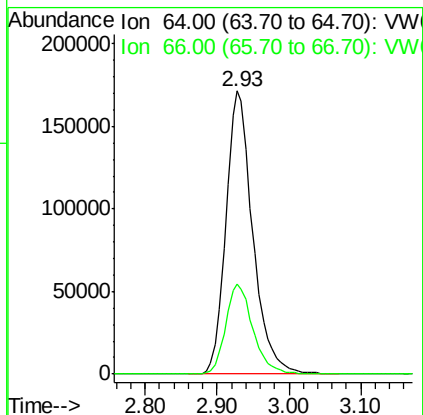
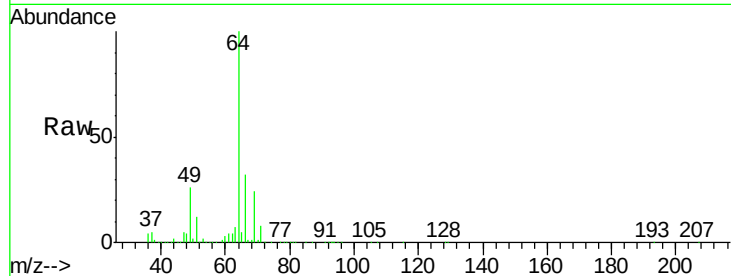
VSTD10003

Tgt Ion: 64 Resp: 443757

Ion Ratio Lower Upper

64 100

66 31.7 22.2 41.2



#9

Trichlorofluoromethane

Concen: 139.224 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW015842.D

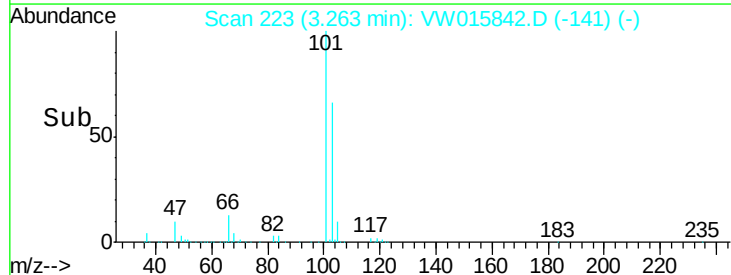
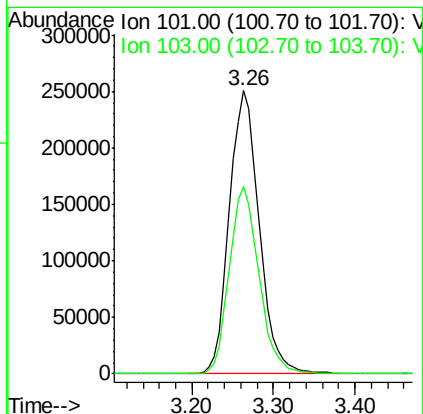
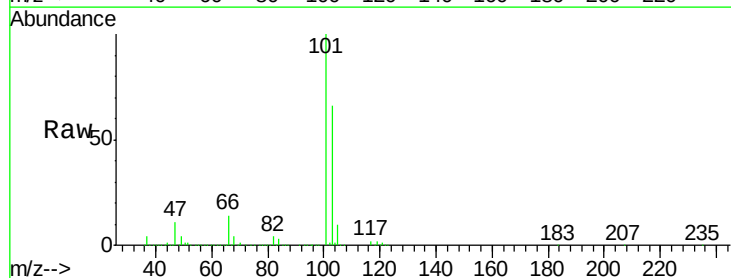
Acq: 13 Jul 2020 12:39

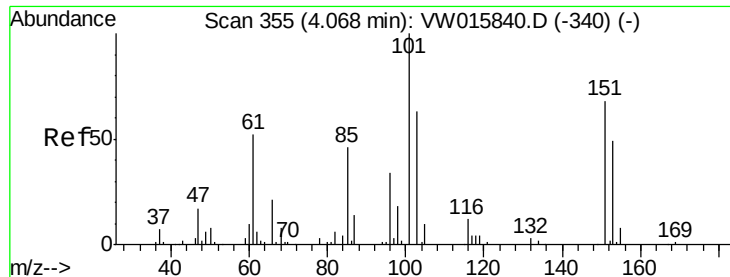
Tgt Ion: 101 Resp: 634808

Ion Ratio Lower Upper

101 100

103 65.4 46.1 85.5





#11

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

Concen: 96.845 ug/L

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

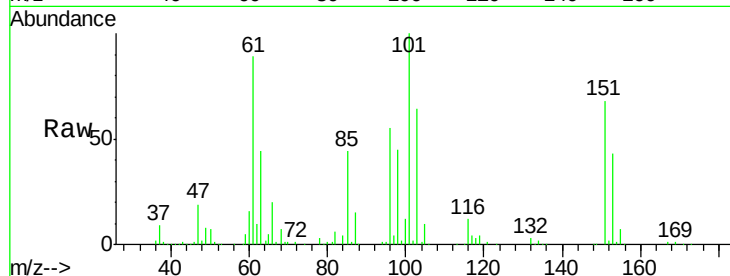
Tgt Ion:101 Resp: 409879

Ion Ratio Lower Upper

101 100

85 45.3 38.8 58.2

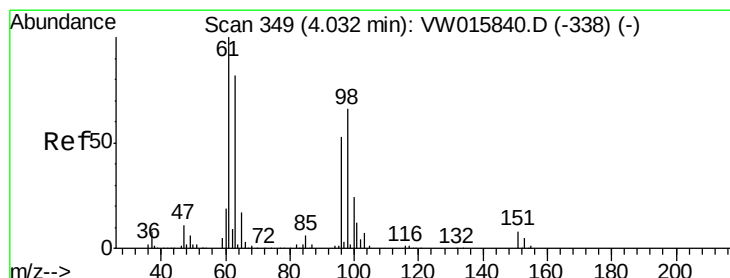
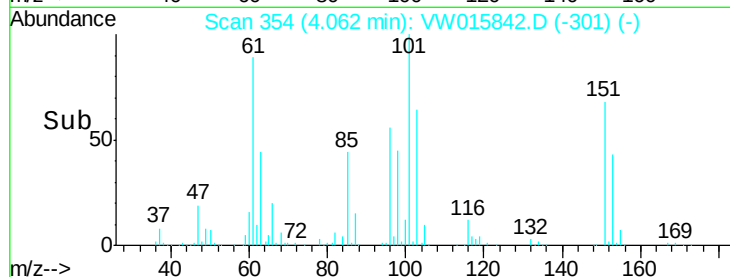
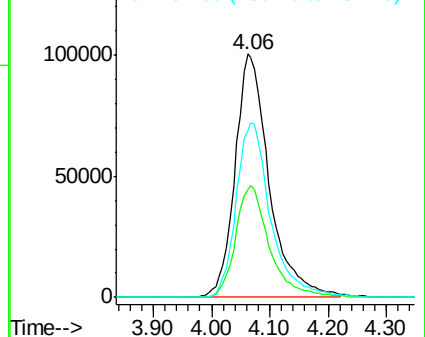
151 71.9 55.9 83.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 99.707 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

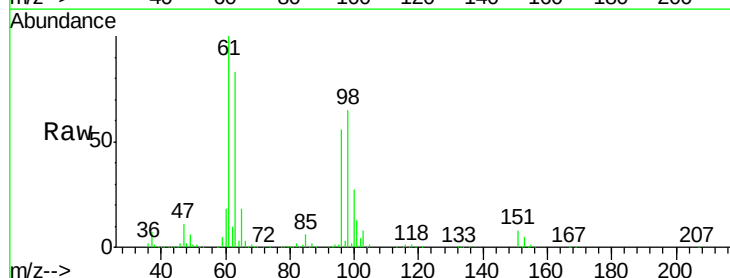
Tgt Ion: 96 Resp: 407332

Ion Ratio Lower Upper

96 100

61 177.5 131.7 244.5

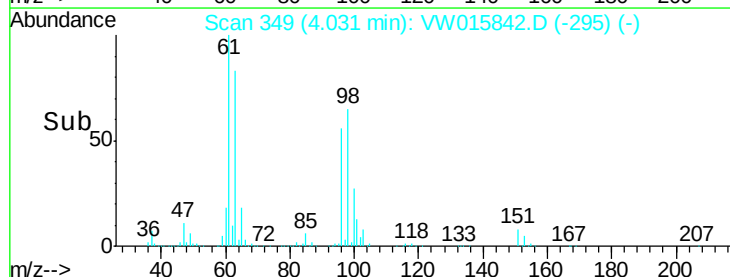
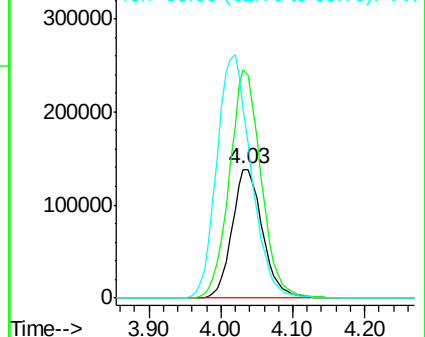
63 147.2 110.4 205.0

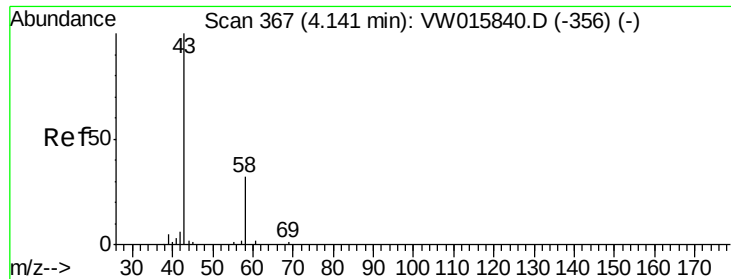


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 140.406 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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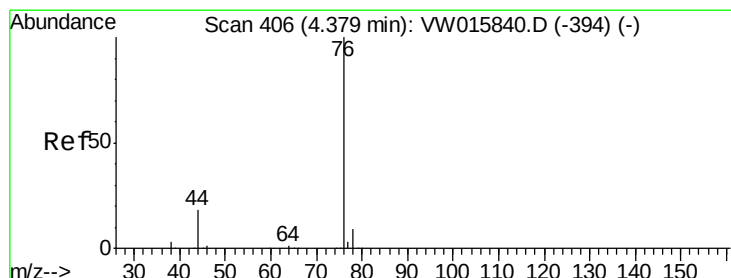
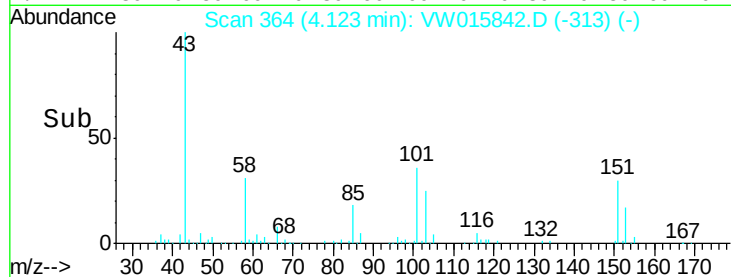
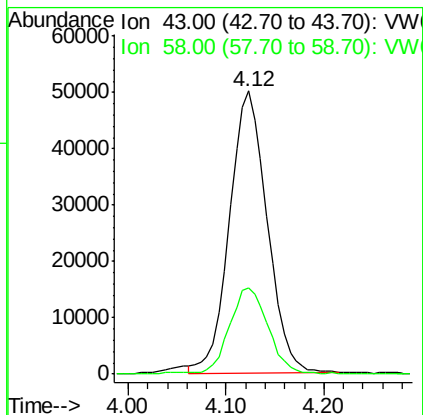
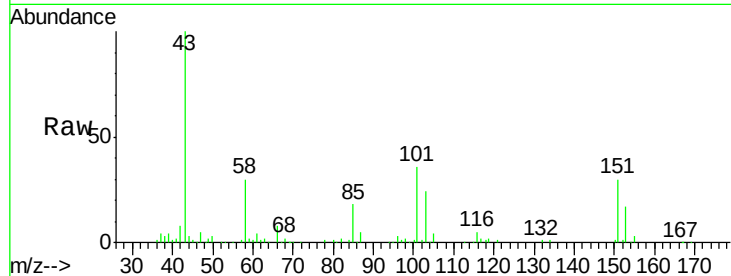
VSTD10003

Tgt Ion: 43 Resp: 134402

Ion Ratio Lower Upper

43 100

58 30.8 0.0 59.4



#14

Carbon disulfide

Concen: 103.014 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015842.D

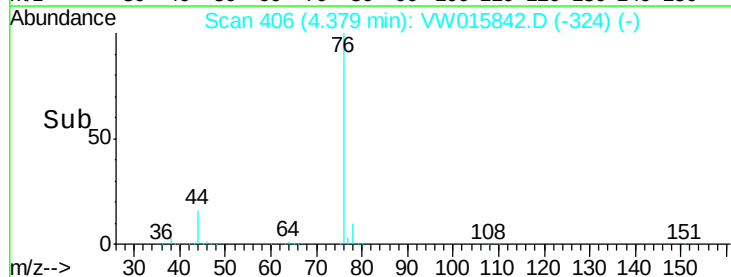
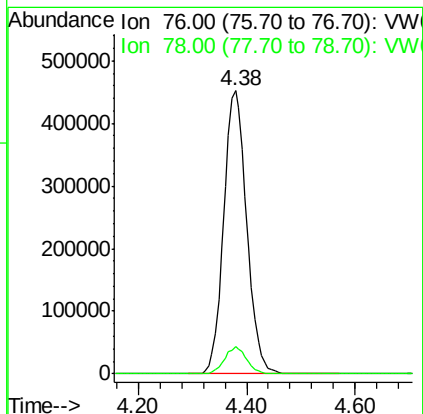
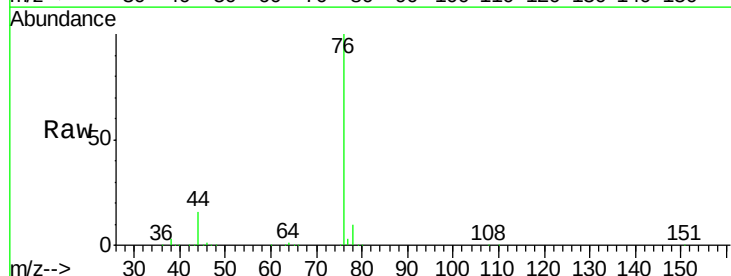
Acq: 13 Jul 2020 12:39

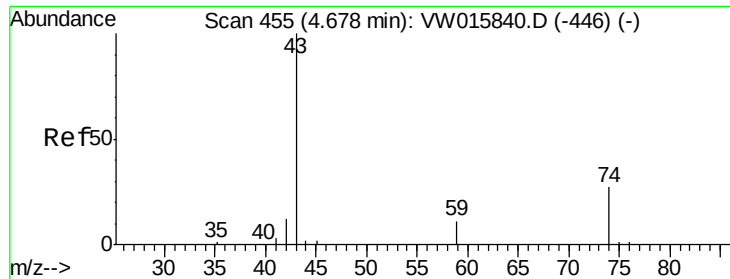
Tgt Ion: 76 Resp: 1329909

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

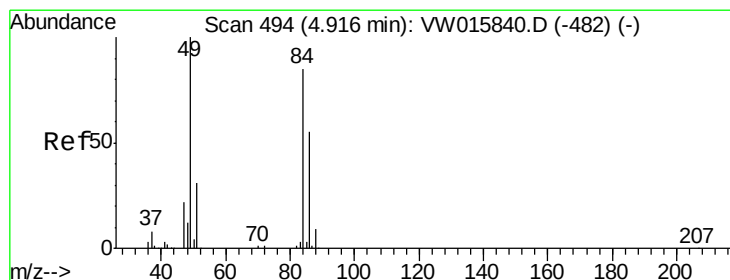
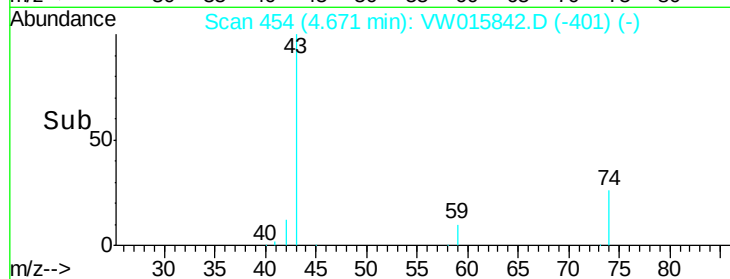
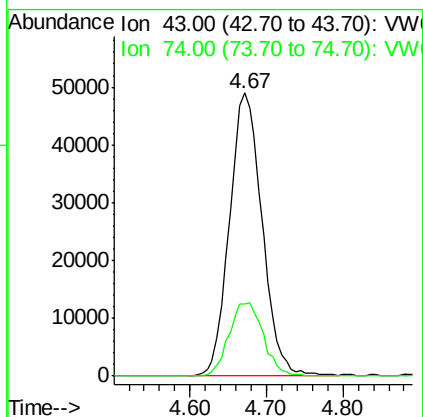
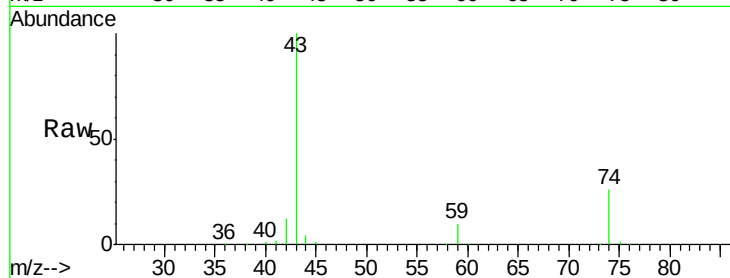




#15
Methyl Acetate
Concen: 82.304 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

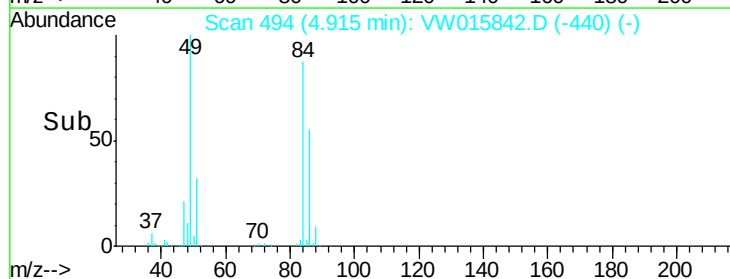
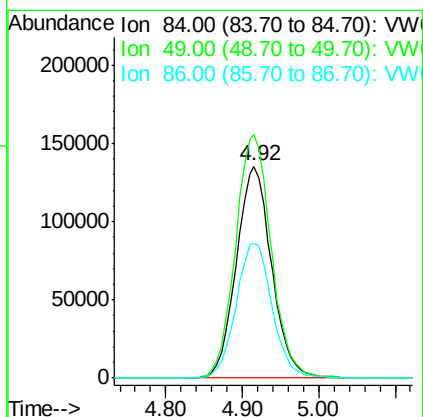
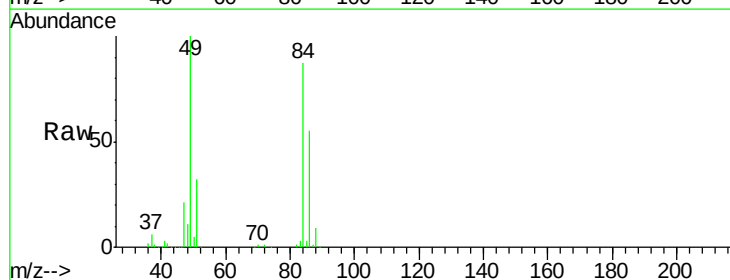
Instrument :
MSVOA_W
ClientSampled :
VSTD10003

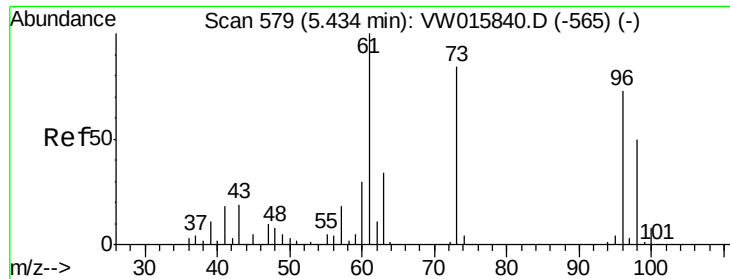
Tgt Ion: 43 Resp: 144938
Ion Ratio Lower Upper
43 100
74 27.4 21.4 32.0



#16
Methylene chloride
Concen: 82.469 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

Tgt Ion: 84 Resp: 432913
Ion Ratio Lower Upper
84 100
49 114.8 82.5 153.1
86 63.5 45.4 84.2

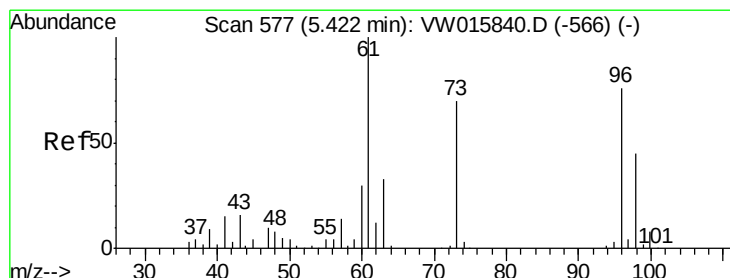
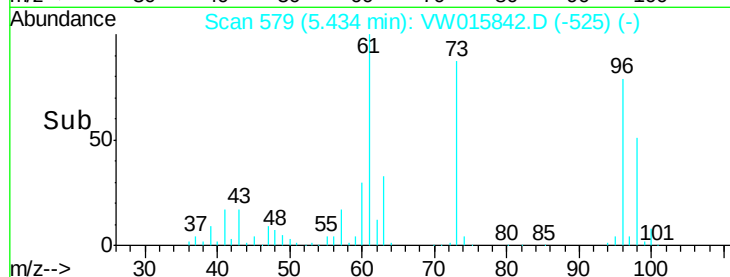
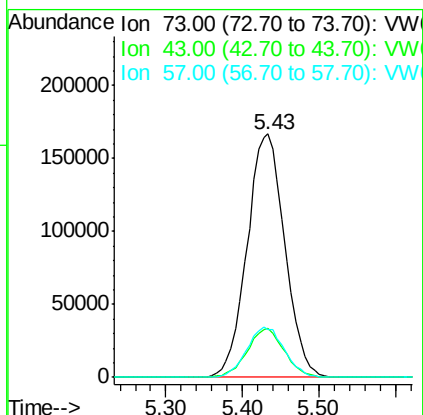
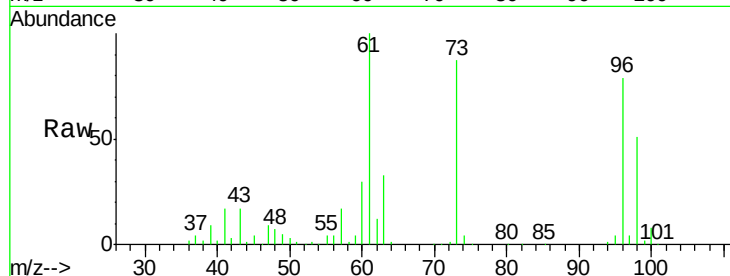




#17
Methyl tert-butyl Ether
Concen: 90.993 ug/L
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

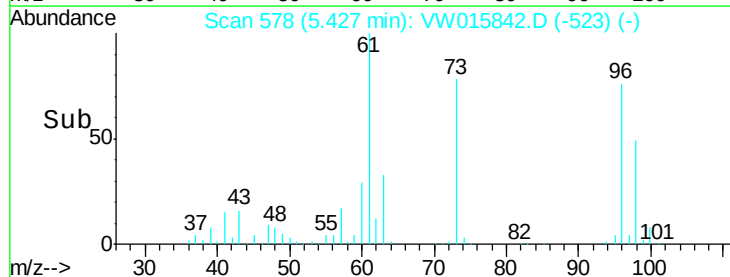
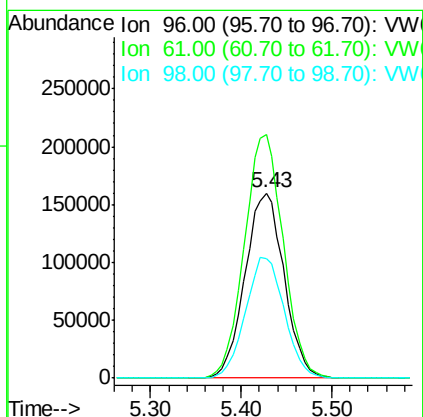
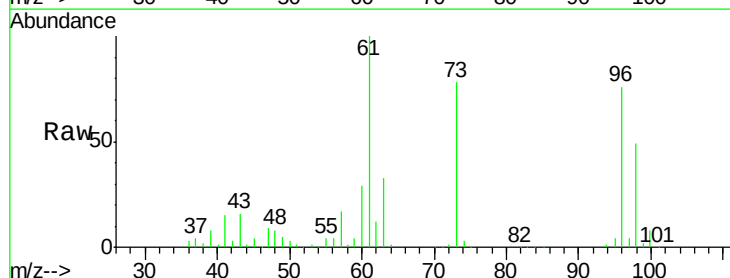
Instrument :
MSVOA_W
ClientSampleId :
VSTD10003

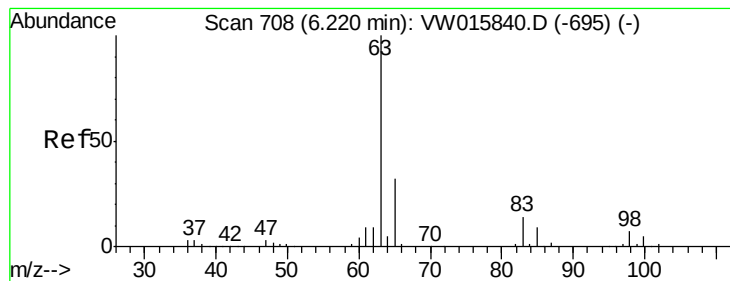
Tgt Ion: 73 Resp: 571502
Ion Ratio Lower Upper
73 100
43 19.8 17.8 26.8
57 20.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 104.879 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

Tgt Ion: 96 Resp: 476584
Ion Ratio Lower Upper
96 100
61 131.8 92.5 171.7
98 64.7 41.1 76.3





#19

1,1-Dichloroethane

Concen: 97.083 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

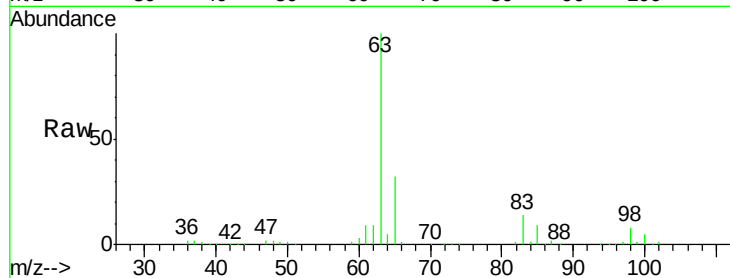
Tgt Ion: 63 Resp: 789122

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

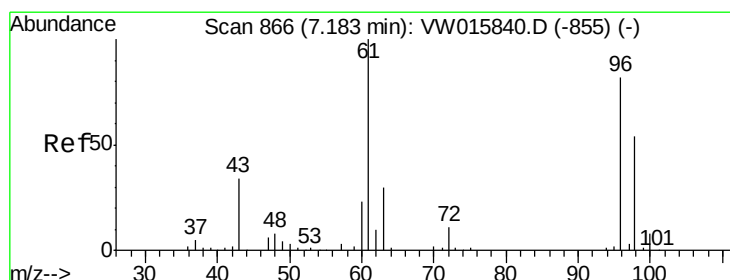
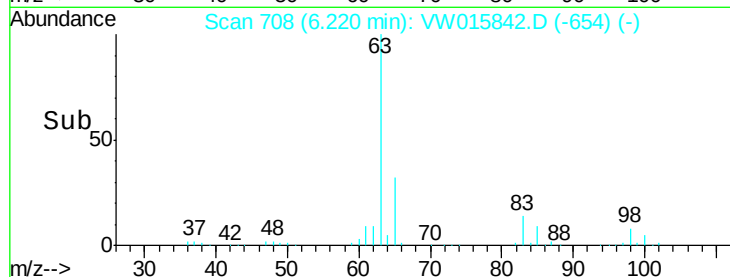
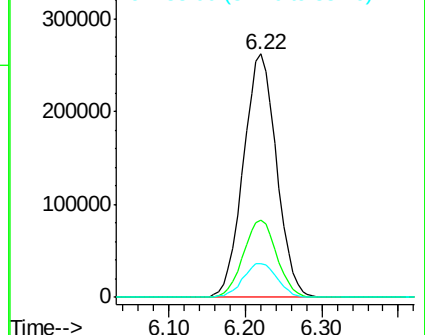
83 13.9 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 156.677 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW015842.D

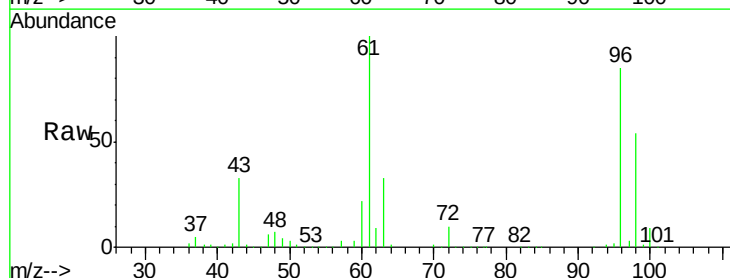
Acq: 13 Jul 2020 12:39

Tgt Ion: 43 Resp: 190478

Ion Ratio Lower Upper

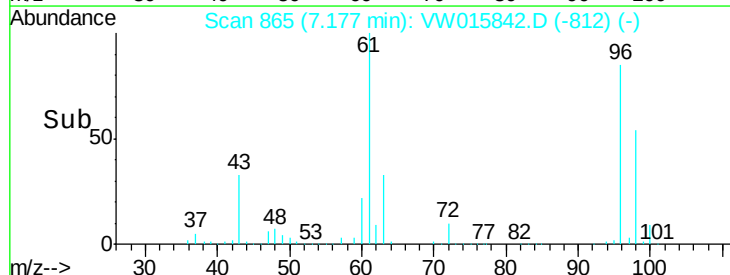
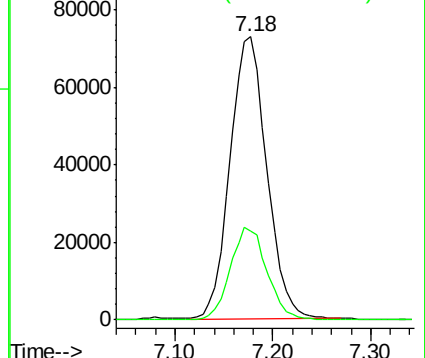
43 100

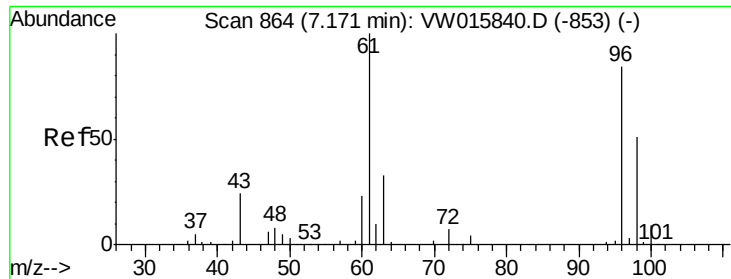
72 32.6 15.6 46.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



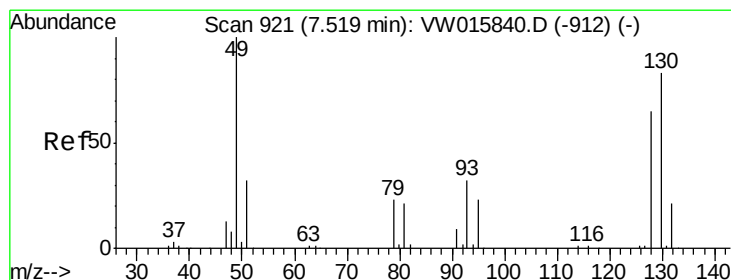
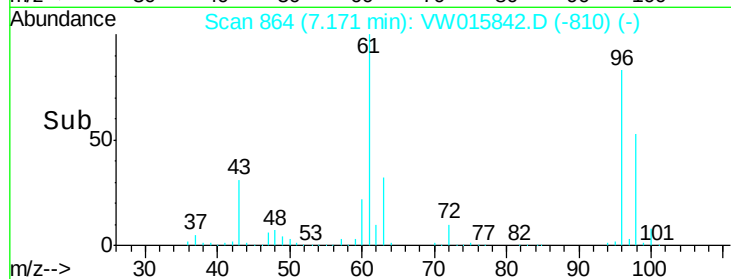
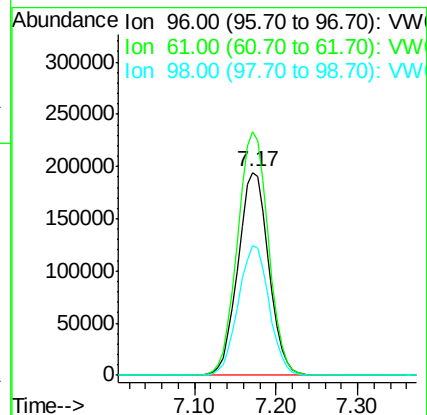
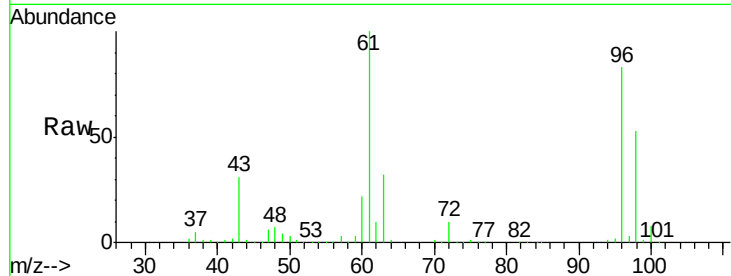


#22

cis-1,2-Dichloroethene
 Concen: 108.277 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Instrument :
 MSVOA_W
 ClientSampled :
 VSTD10003

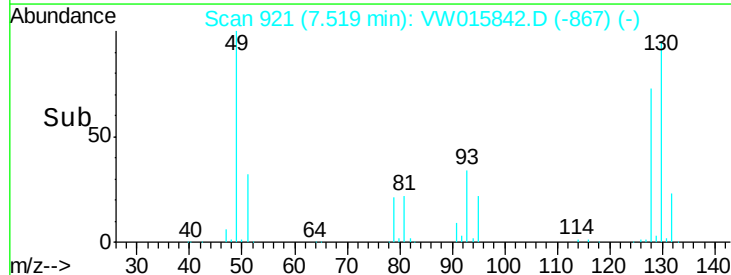
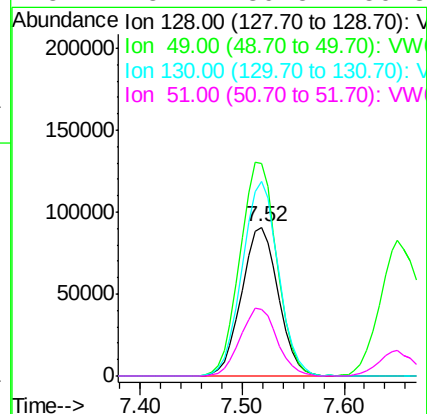
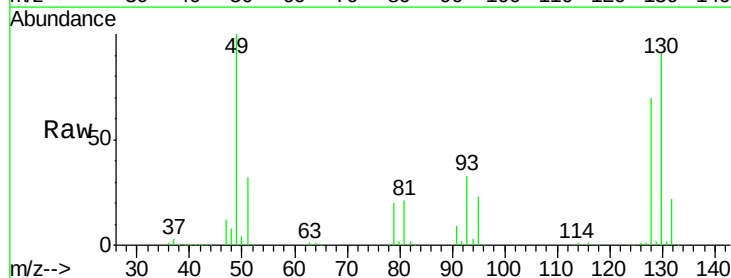
Tgt Ion: 96 Resp: 506659
 Ion Ratio Lower Upper
 96 100
 61 120.1 83.7 155.5
 98 63.7 43.0 80.0

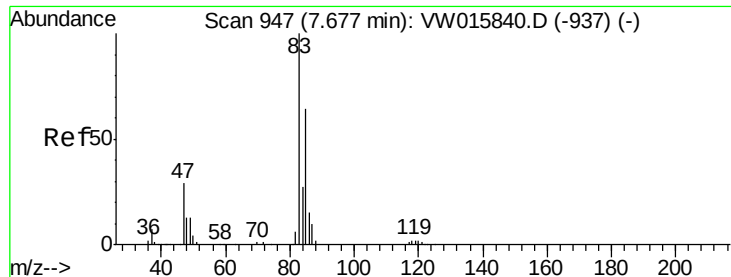


#23

Bromochloromethane
 Concen: 110.119 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion: 128 Resp: 227570
 Ion Ratio Lower Upper
 128 100
 49 143.3 108.8 202.2
 130 131.0 89.8 166.8
 51 45.2 39.5 59.3

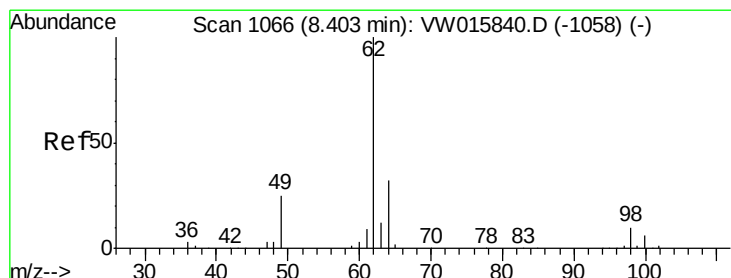
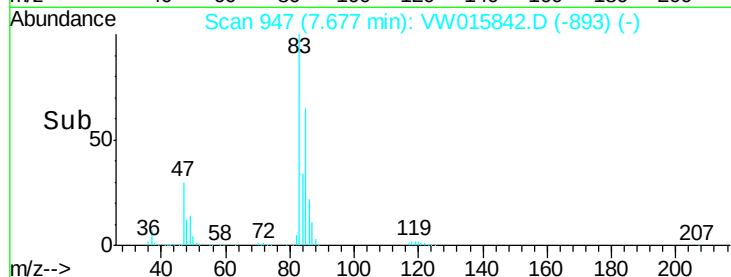
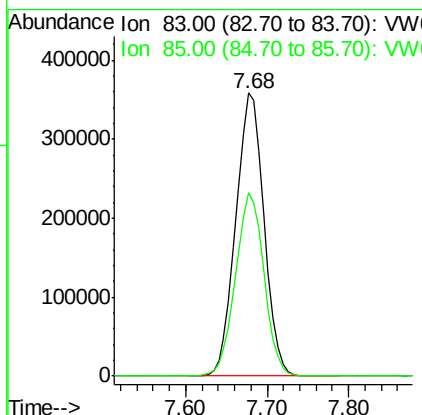
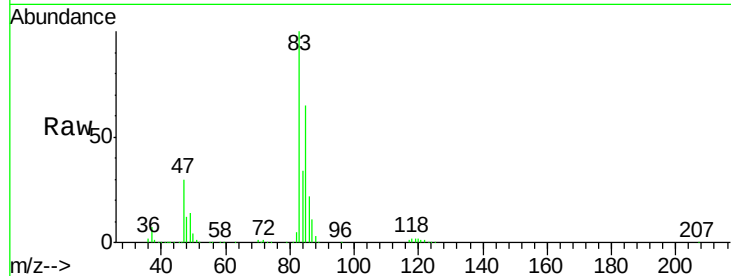




#25
Chloroform
Concen: 102.890 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

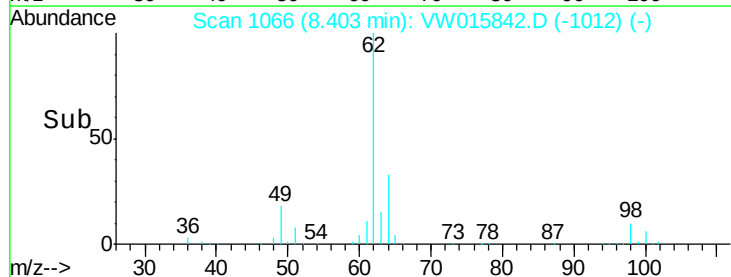
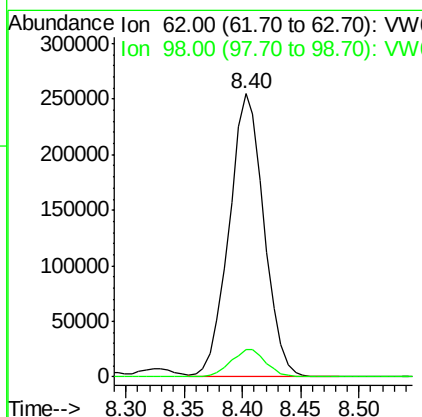
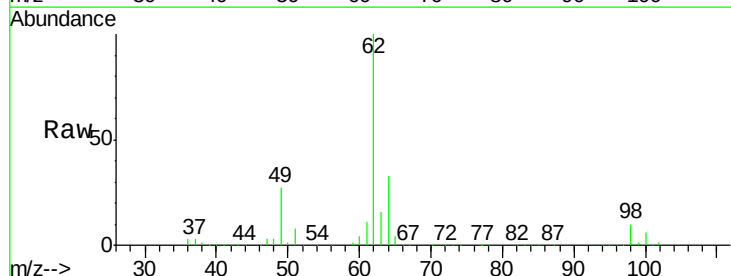
Instrument :
MSVOA_W
ClientSampleId :
VSTD10003

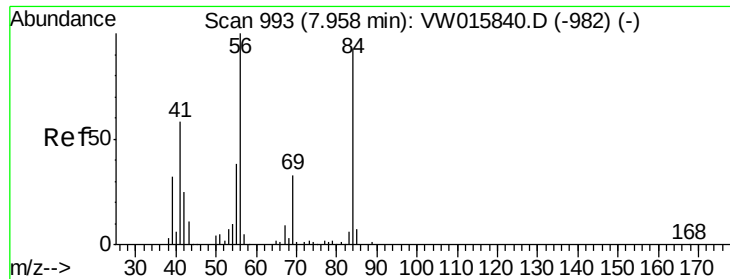
Tgt Ion: 83 Resp: 855532
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.8



#27
1,2-Dichloroethane
Concen: 92.732 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

Tgt Ion: 62 Resp: 530055
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5

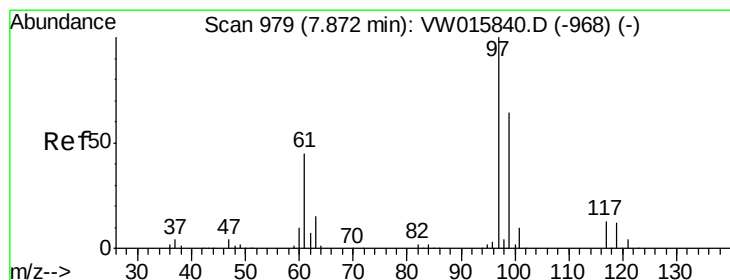
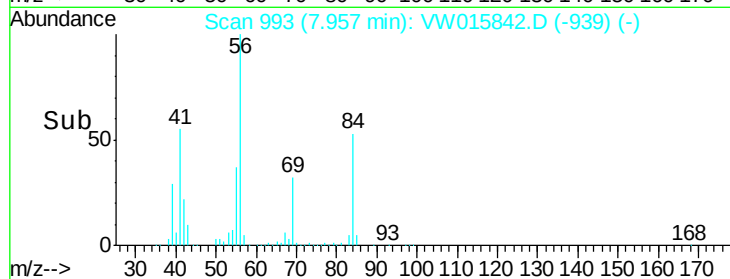
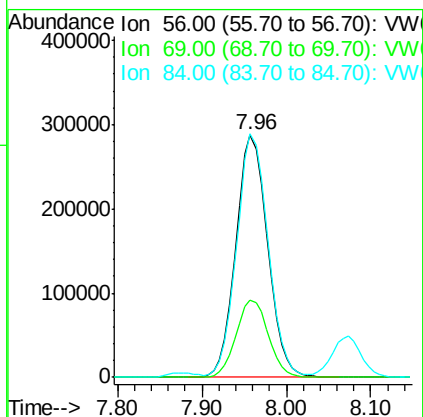
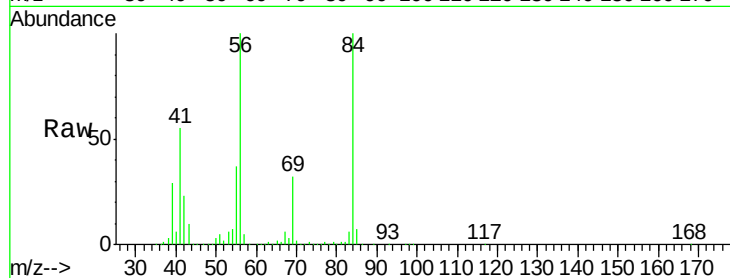




#30
Cyclohexane
Concen: 95.305 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

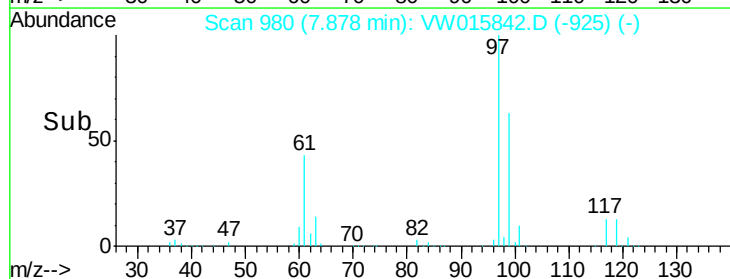
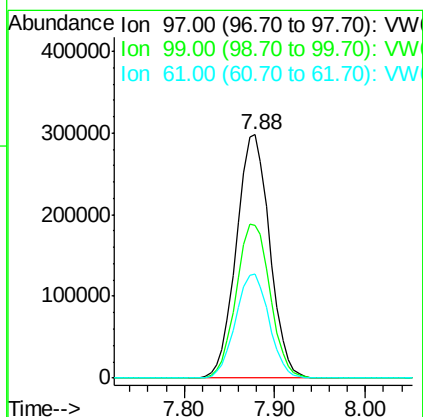
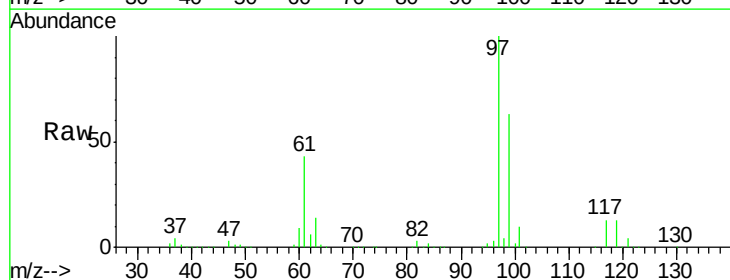
Instrument :
MSVOA_W
ClientSampleId :
VSTD10003

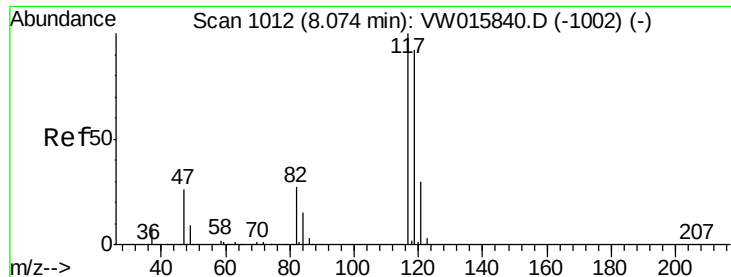
Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.8	38.8
84	99.4	78.3	117.5



#31
1,1,1-Trichloroethane
Concen: 100.625 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	43.1	36.2	54.2





#32

Carbon tetrachloride

Concen: 106.920 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

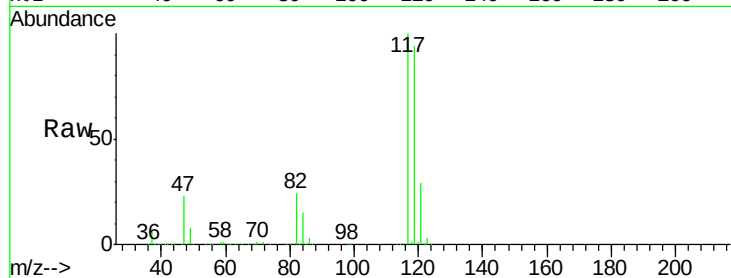
VSTD10003

Tgt Ion:117 Resp: 736903

Ion Ratio Lower Upper

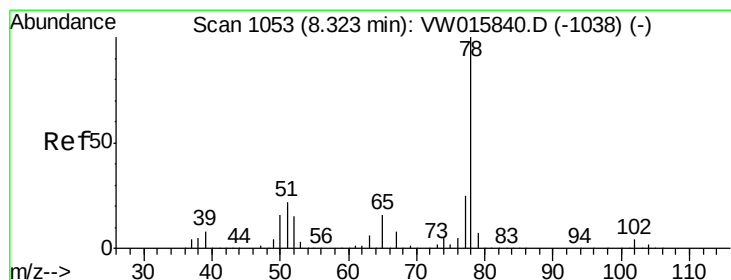
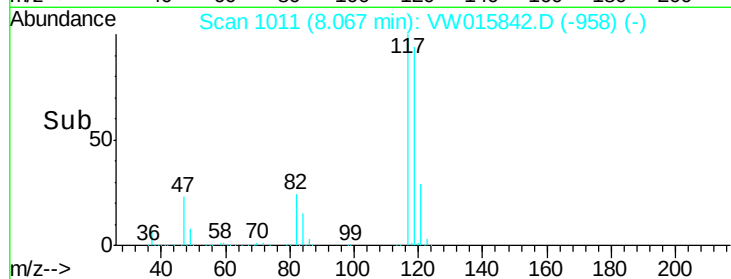
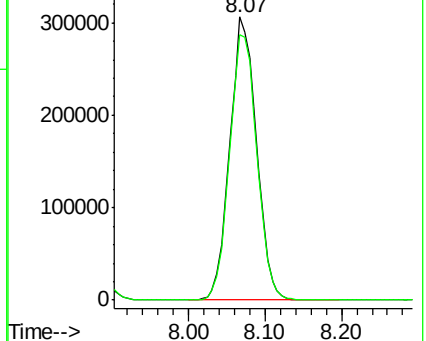
117 100

119 96.4 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 99.169 ug/L

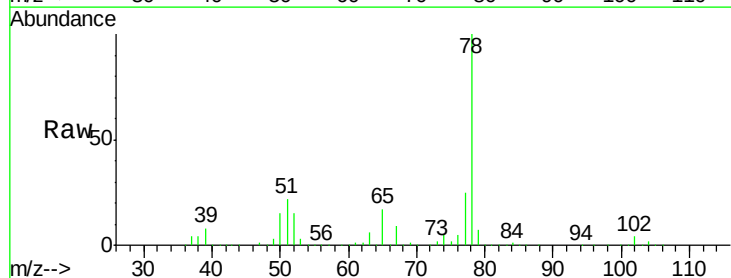
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

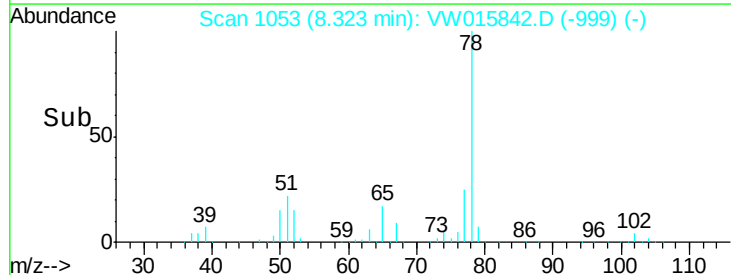
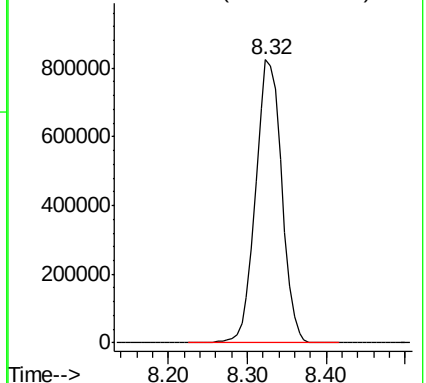
Lab File: VW015842.D

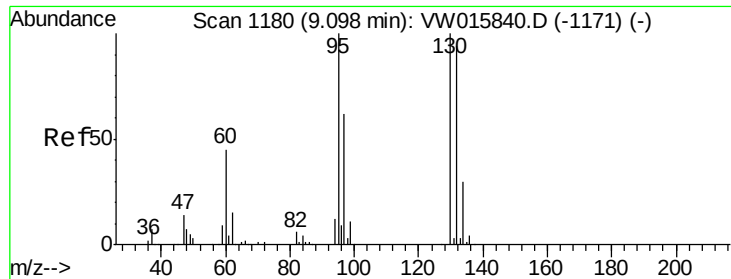
Acq: 13 Jul 2020 12:39

Tgt Ion: 78 Resp: 1900471



Abundance Ion 78.00 (77.70 to 78.70): VW

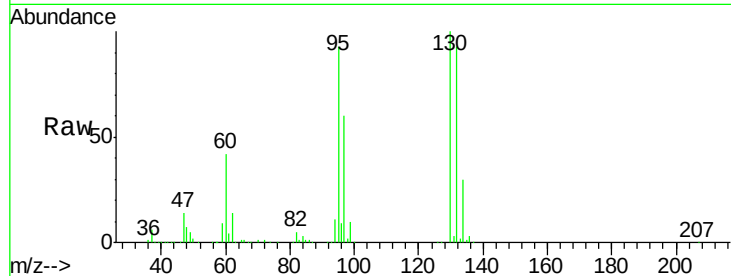




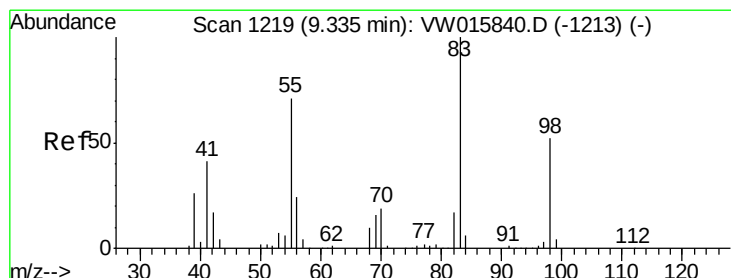
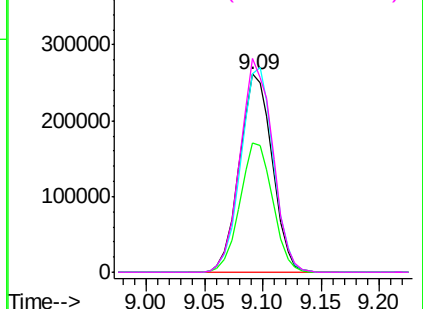
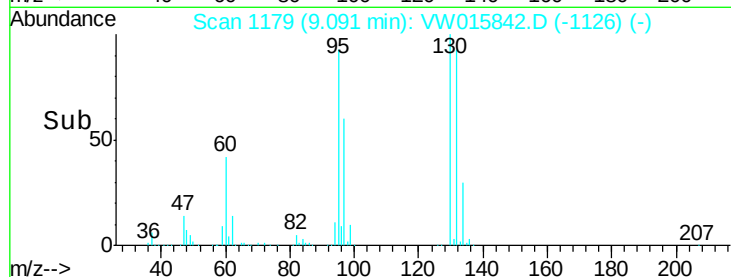
#35
 Trichloroethene
 Concen: 100.047 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Tgt Ion:	95	Resp:	514485
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.6	82.8
132	102.4	67.0	124.4
130	106.7	70.1	130.1

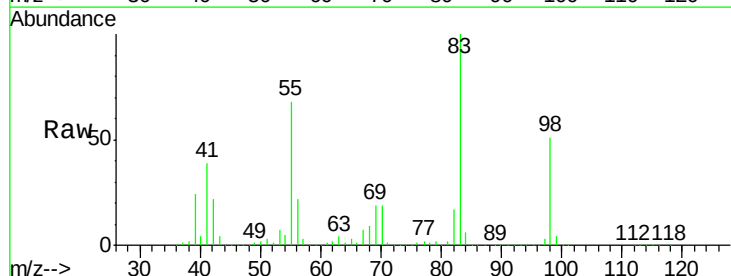


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

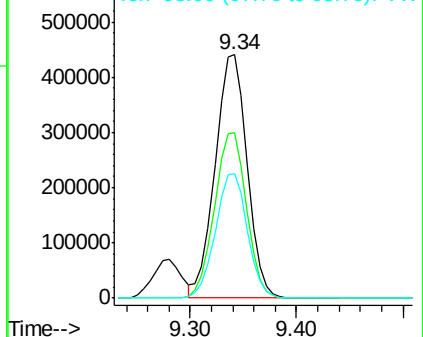
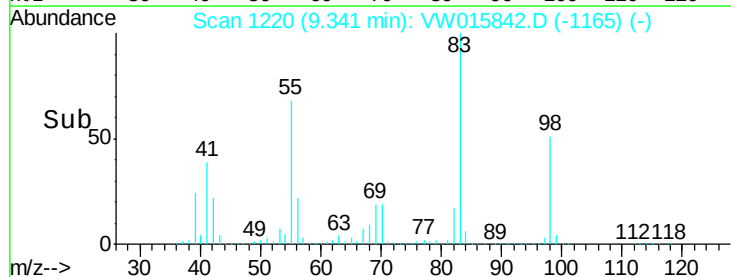


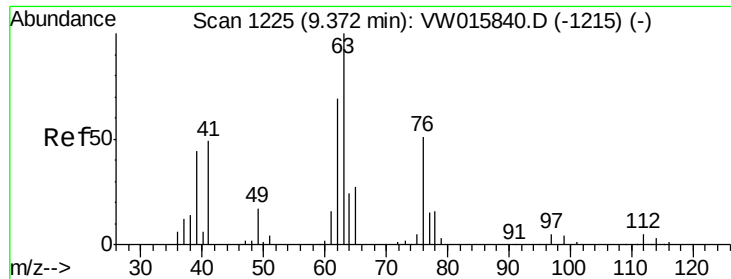
#36
 Methylcyclohexane
 Concen: 103.333 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion:	83	Resp:	918375
Ion	Ratio	Lower	Upper
83	100		
55	67.9	55.5	83.3
98	51.0	40.2	60.4



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

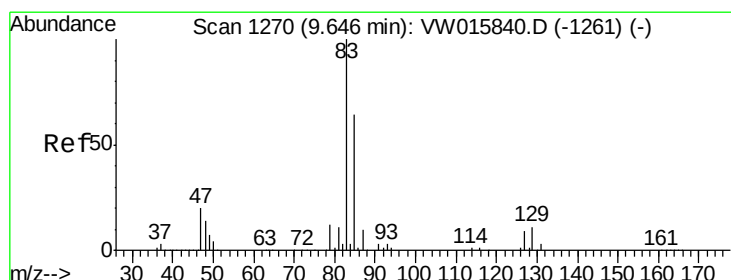
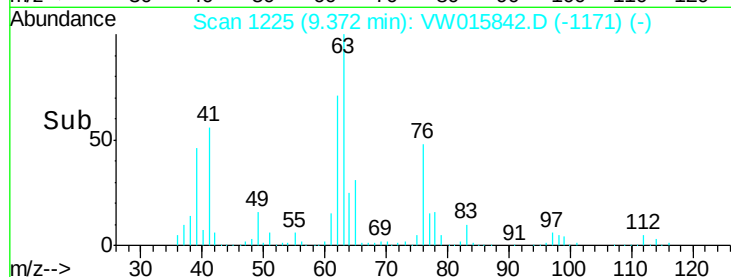
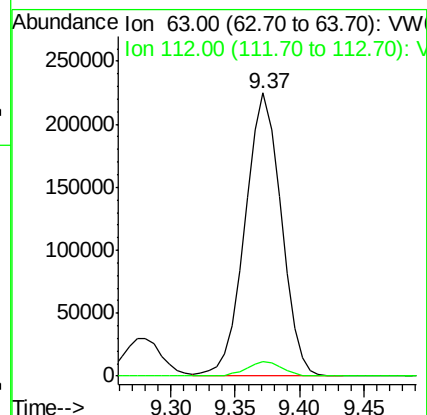
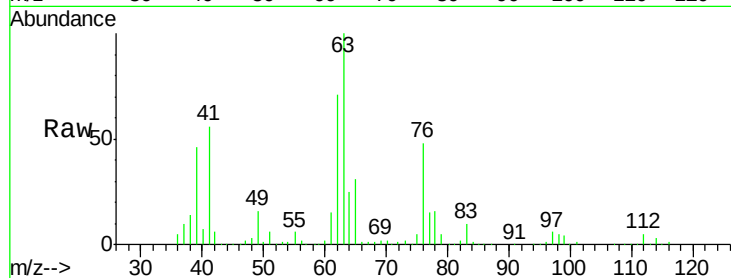




#40
 1,2-Dichloropropane
 Concen: 93.846 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

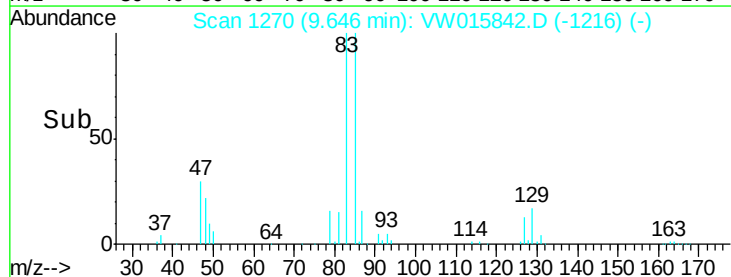
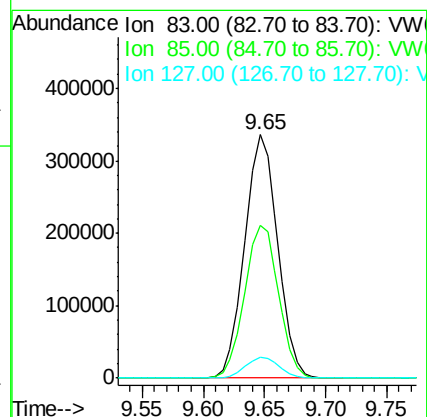
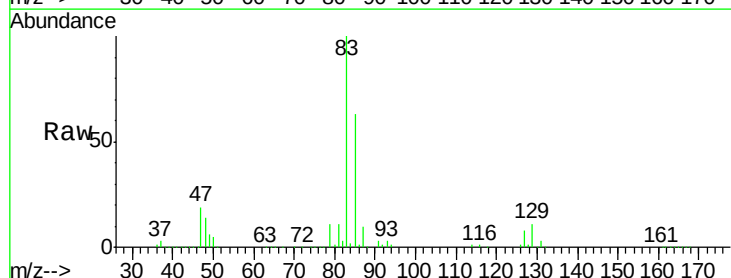
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

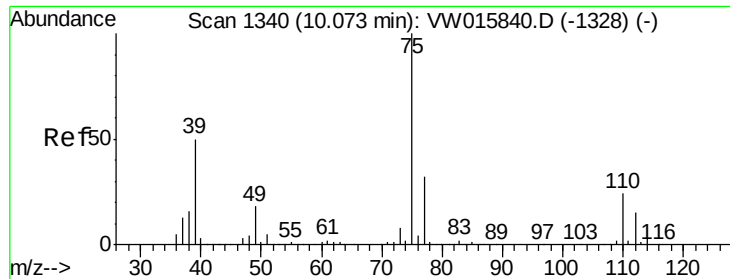
Tgt Ion: 63 Resp: 437295
 Ion Ratio Lower Upper
 63 100
 112 5.0 3.9 5.9



#41
 Bromodichloromethane
 Concen: 103.502 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion: 83 Resp: 629961
 Ion Ratio Lower Upper
 83 100
 85 62.8 44.6 82.8
 127 8.4 6.8 10.2

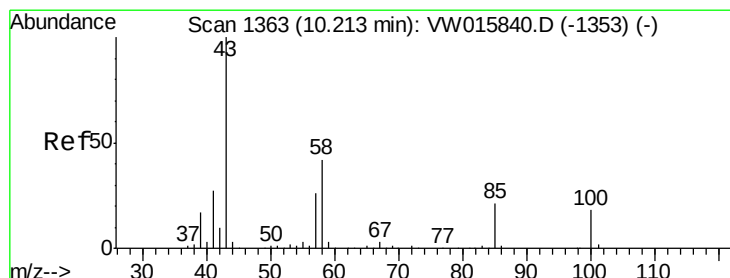
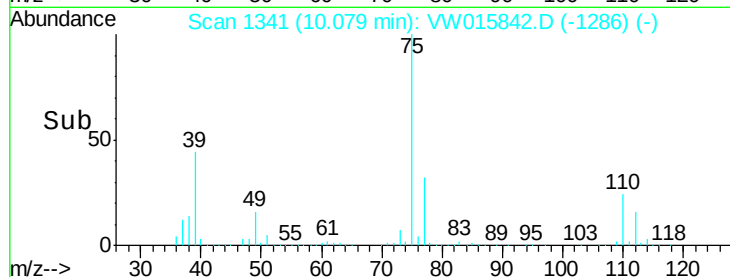
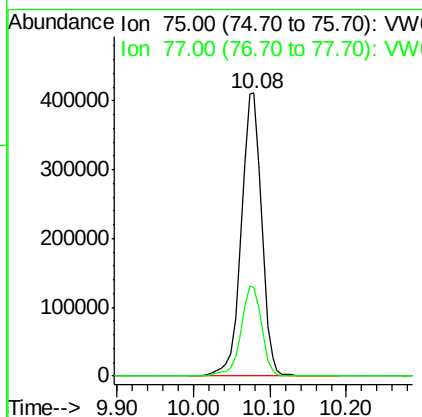
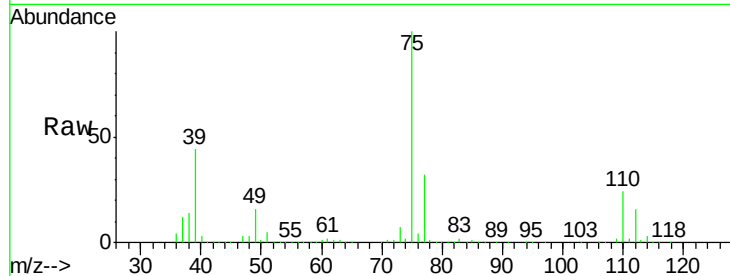




#42
 cis-1,3-Dichloropropene
 Concen: 104.398 ug/L
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

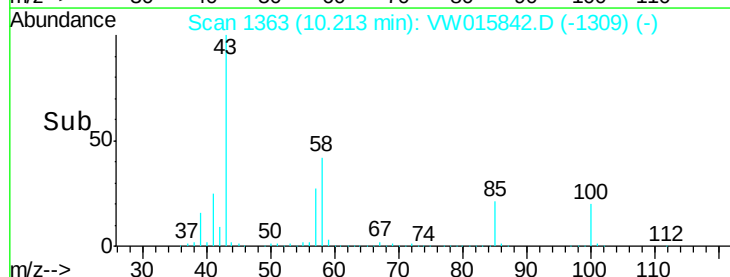
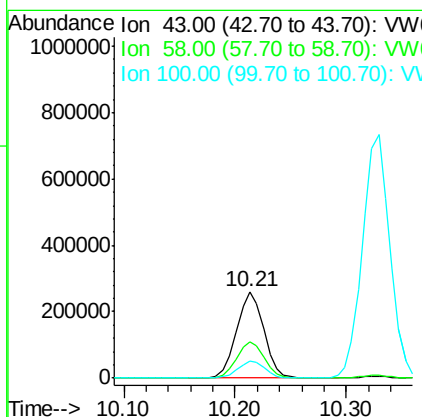
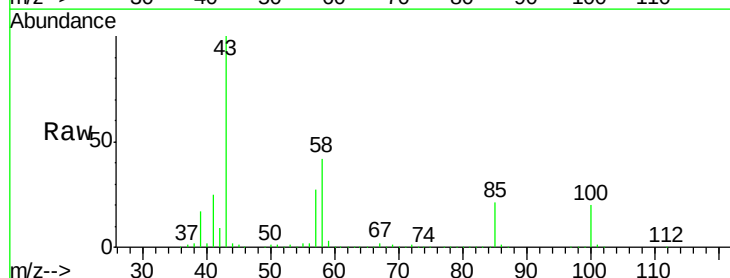
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

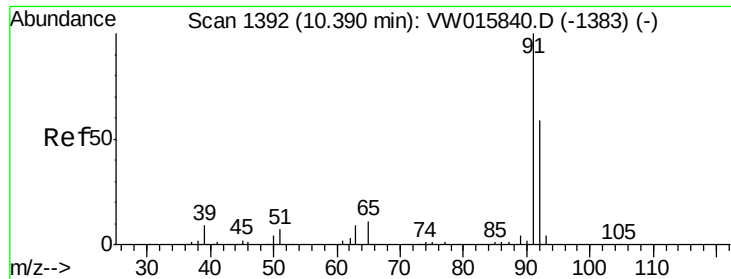
Tgt Ion: 75 Resp: 755928
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 169.358 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion: 43 Resp: 438916
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.0 49.4
 100 19.5 15.0 22.6





#44

Toluene

Concen: 105.979 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

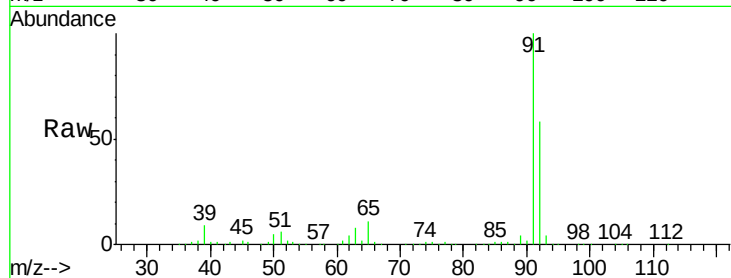
VSTD10003

Tgt Ion: 91 Resp: 2229791

Ion Ratio Lower Upper

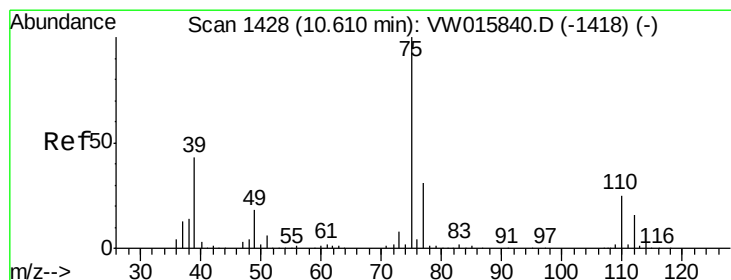
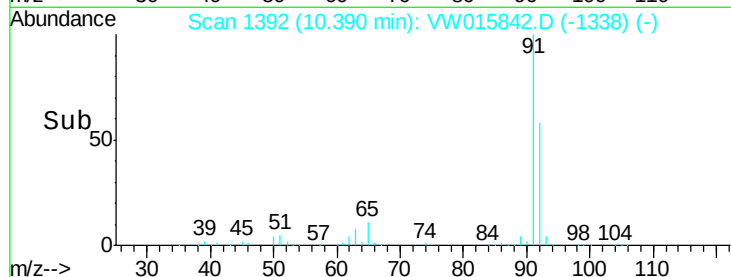
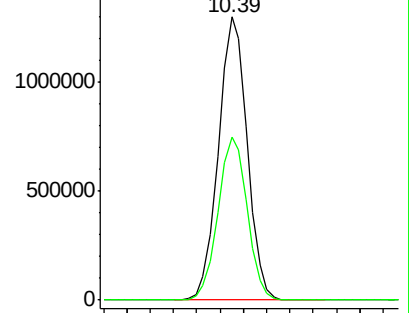
91 100

92 57.7 41.6 77.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 105.626 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015842.D

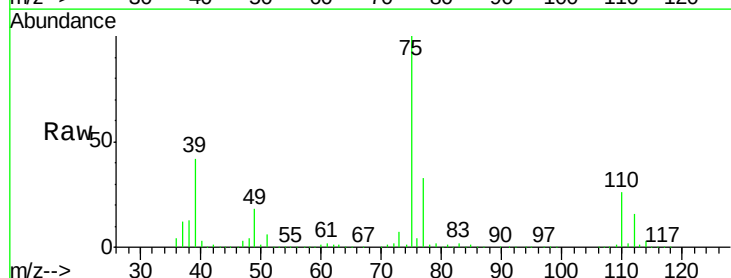
Acq: 13 Jul 2020 12:39

Tgt Ion: 75 Resp: 666330

Ion Ratio Lower Upper

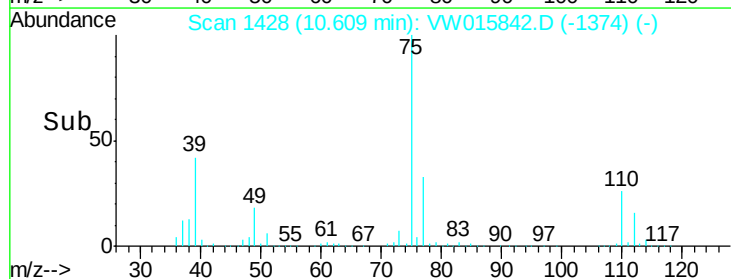
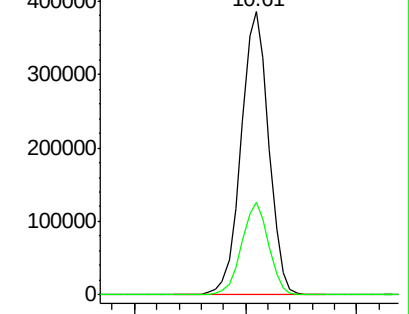
75 100

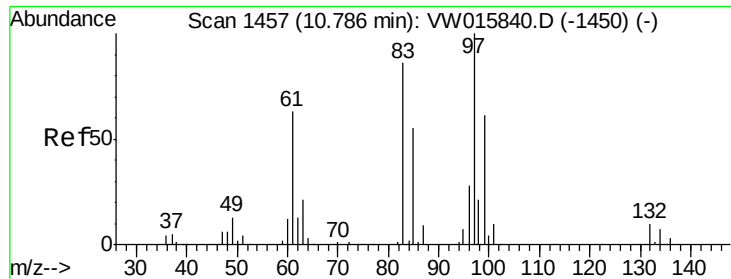
77 32.5 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

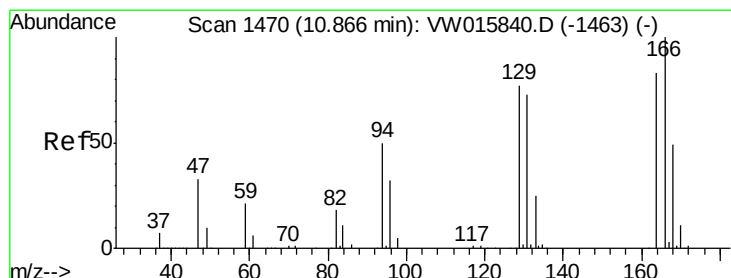
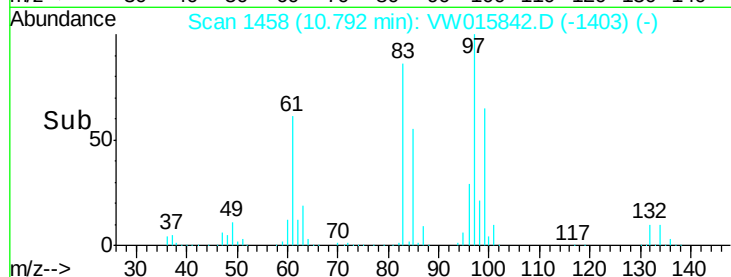
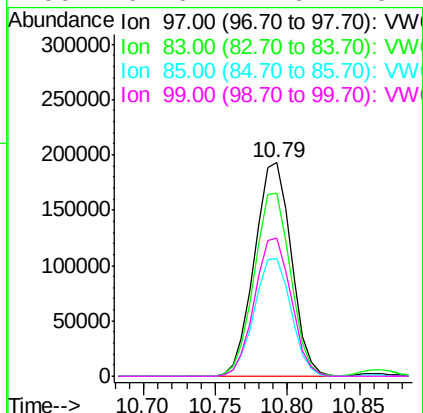
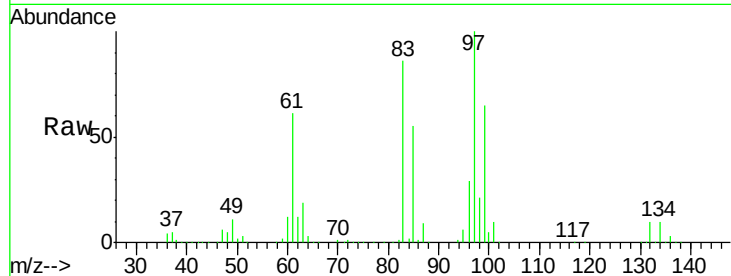




#46
 1,1,2-Trichloroethane
 Concen: 100.808 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

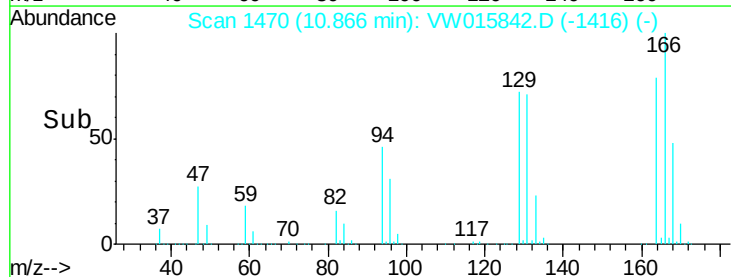
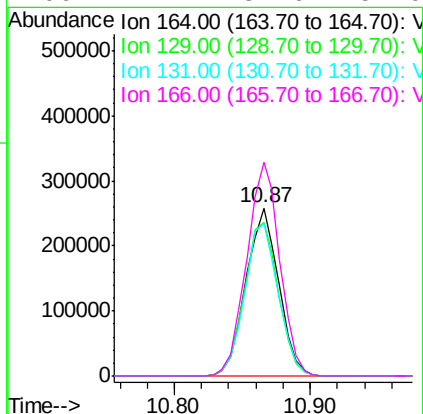
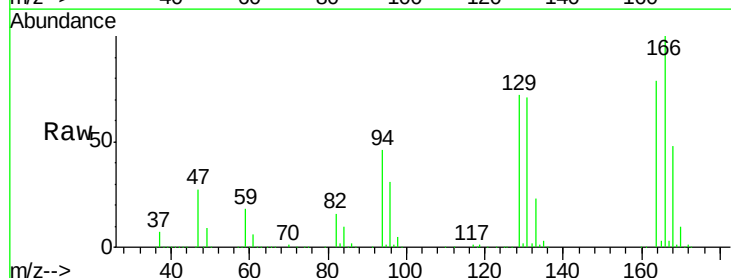
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

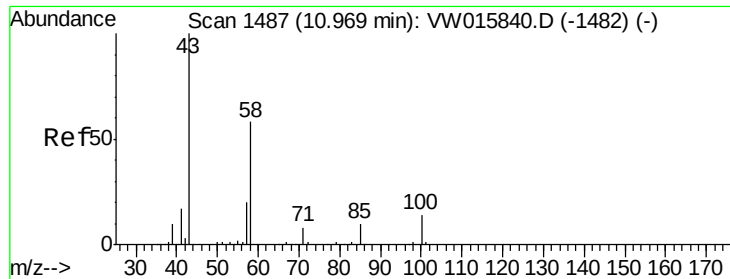
Tgt Ion:	97	Resp:	341602
Ion	Ratio	Lower	Upper
97	100		
83	85.9	60.3	112.1
85	54.9	38.6	71.6
99	64.6	42.6	79.2



#47
 Tetrachloroethene
 Concen: 104.712 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion:	164	Resp:	435315
Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.1	120.9
131	90.9	62.0	115.2
166	127.4	84.6	157.0

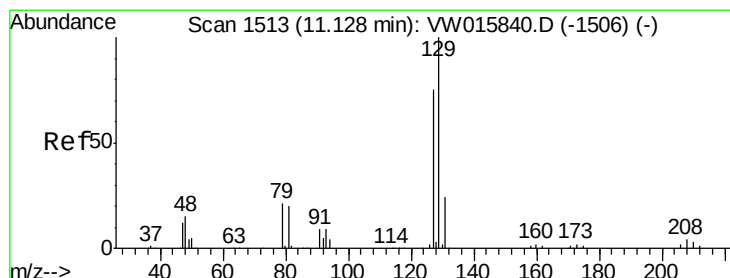
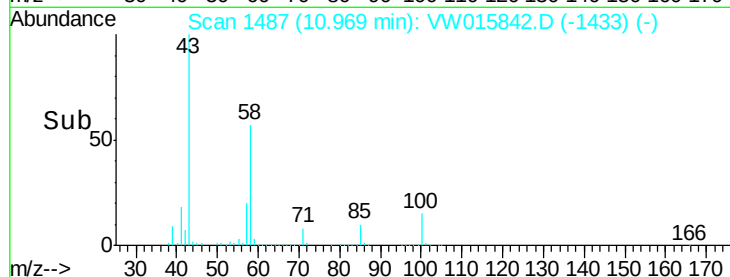
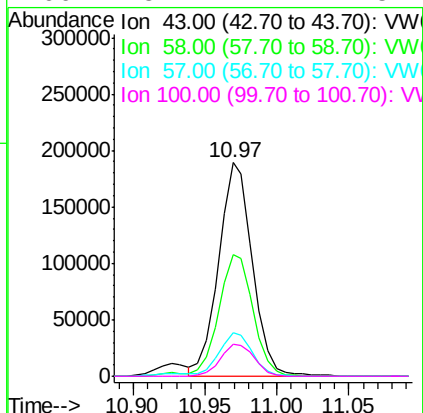
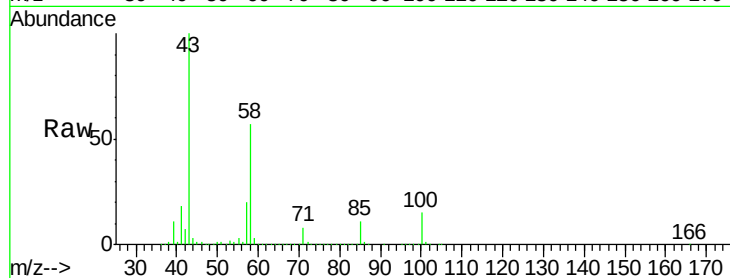




#49
2-Hexanone
Concen: 169.471 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

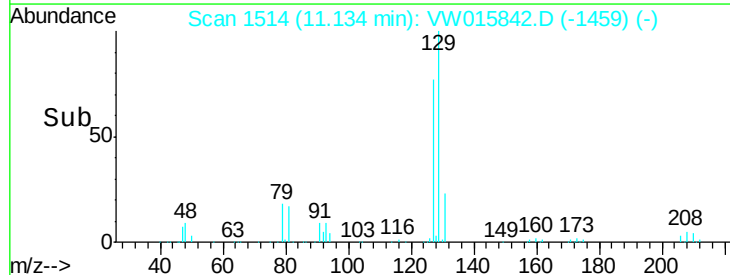
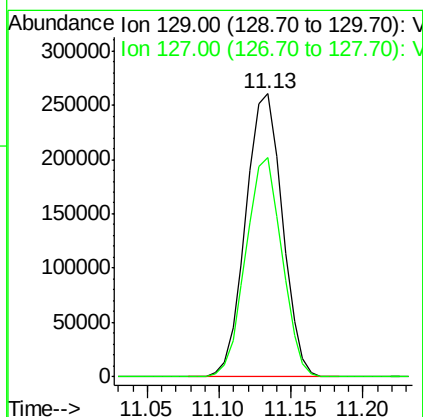
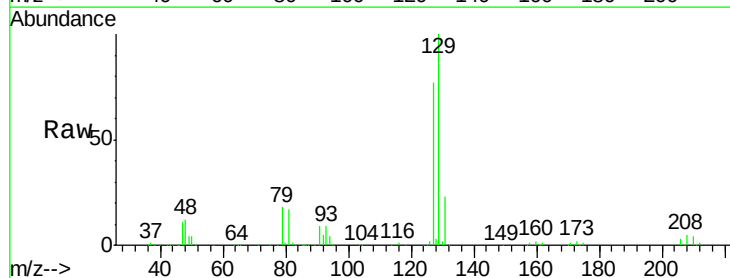
Instrument :
MSVOA_W
ClientSampled :
VSTD10003

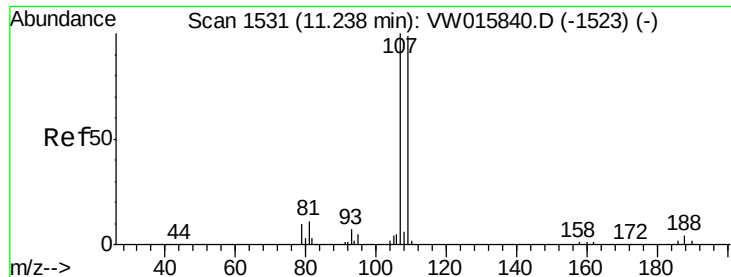
Tgt Ion: 43 Resp: 307448
Ion Ratio Lower Upper
43 100
58 58.3 45.8 68.8
57 20.4 16.9 25.3
100 15.4 12.2 18.4



#50
Dibromochloromethane
Concen: 114.398 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

Tgt Ion: 129 Resp: 460333
Ion Ratio Lower Upper
129 100
127 77.3 52.6 97.6





#51

1,2-Dibromoethane

Concen: 102.536 ug/L

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

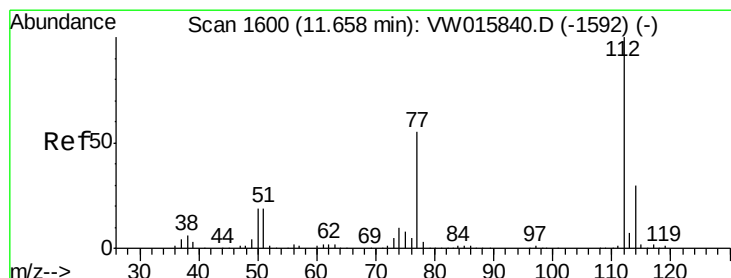
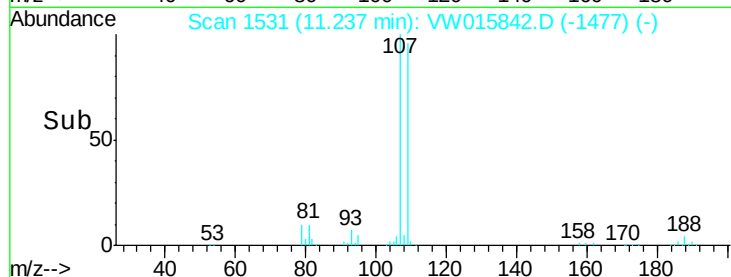
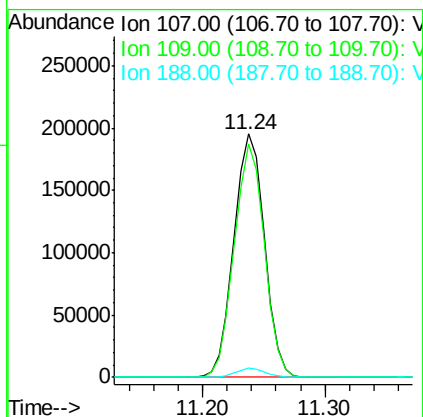
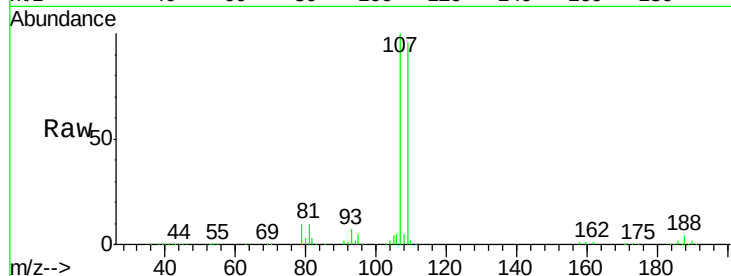
Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

Tgt Ion:	107	Resp:	338351
Ion	Ratio	Lower	Upper
107	100		
109	95.9	69.3	128.7
188	3.8	3.3	4.9



#52

Chlorobenzene

Concen: 109.042 ug/L

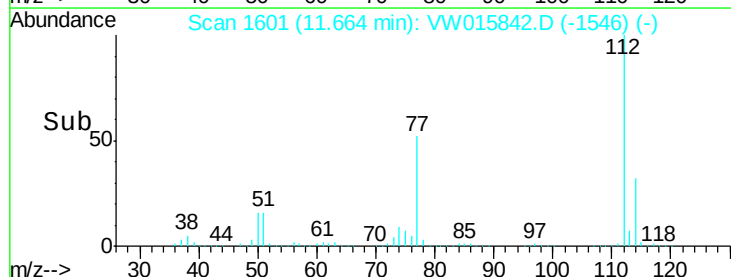
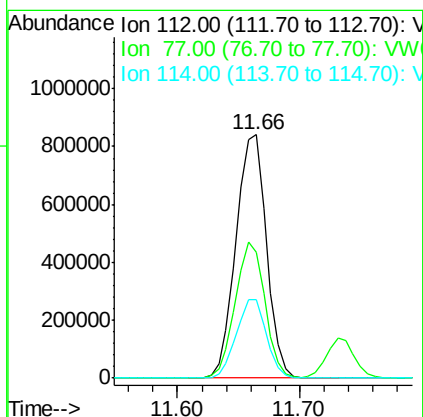
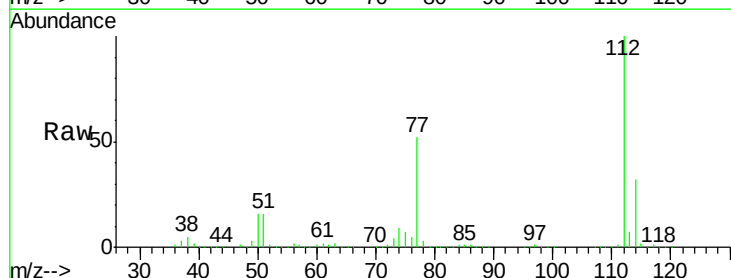
RT: 11.66 min Scan# 1601

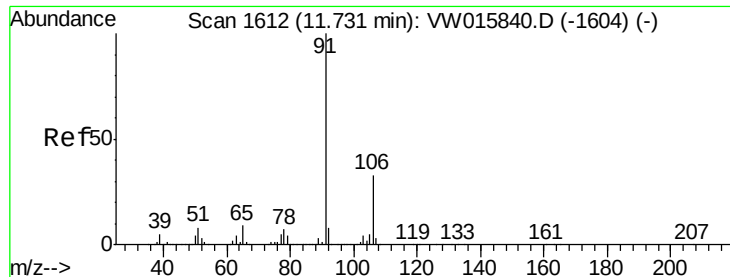
Delta R.T. 0.01 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Tgt Ion:	112	Resp:	1454748
Ion	Ratio	Lower	Upper
112	100		
77	51.7	43.9	65.9
114	32.4	20.9	38.9





#53

Ethylbenzene

Concen: 106.563 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

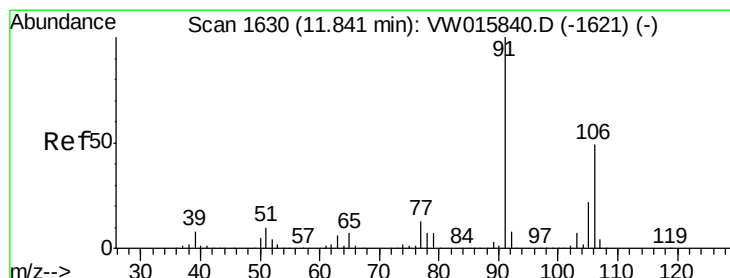
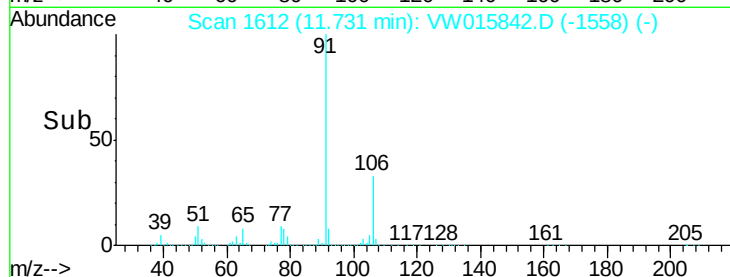
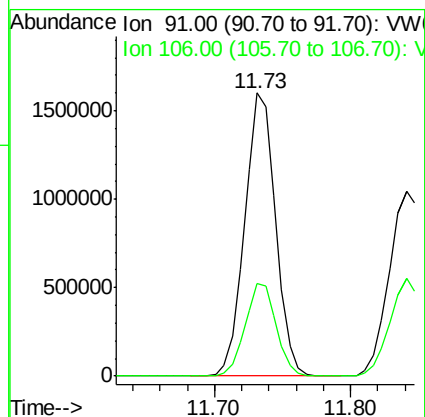
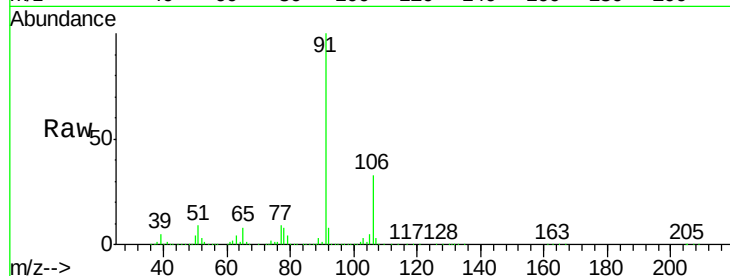
VSTD10003

Tgt Ion: 91 Resp: 2533280

Ion Ratio Lower Upper

91 100

106 32.9 22.7 42.3



#54

m,p-Xylene

Concen: 111.194 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW015842.D

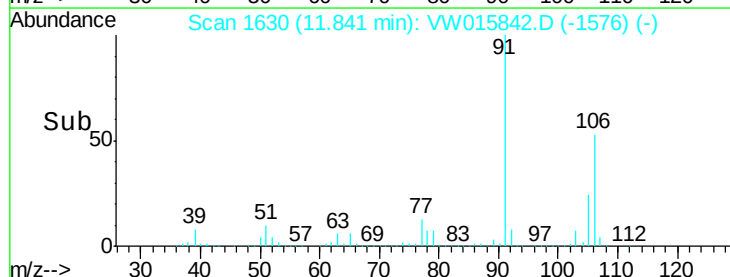
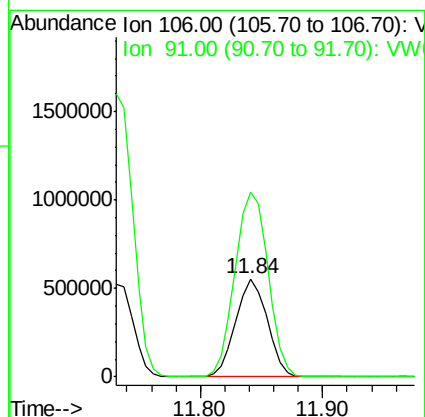
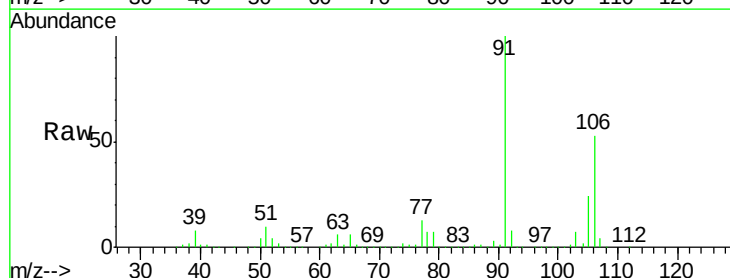
Acq: 13 Jul 2020 12:39

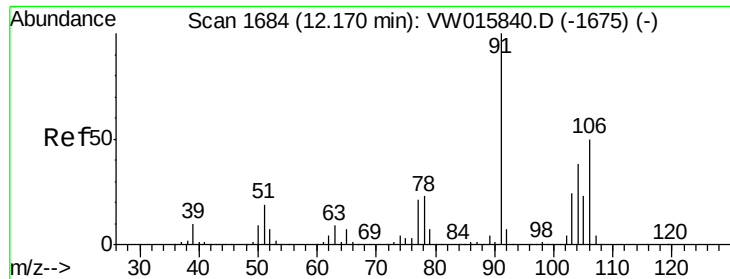
Tgt Ion: 106 Resp: 997974

Ion Ratio Lower Upper

106 100

91 188.5 143.9 267.3

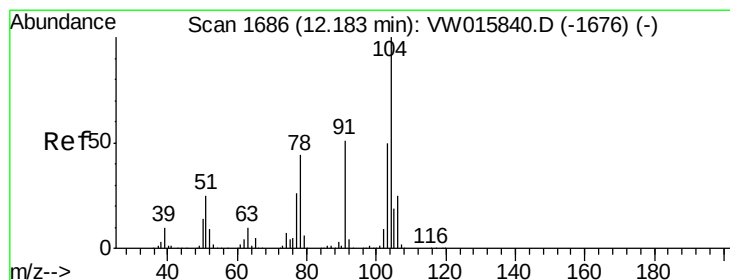
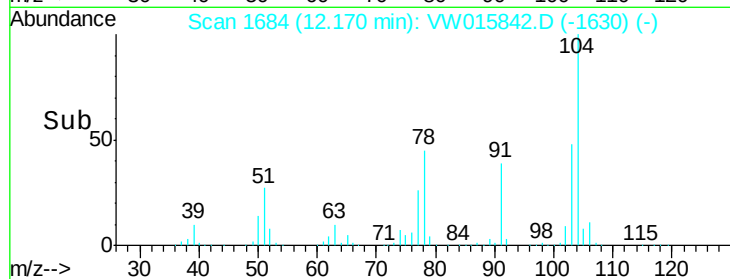
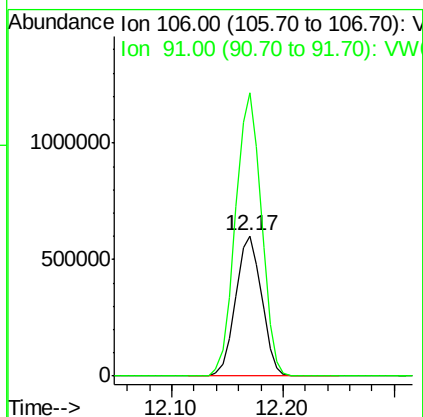
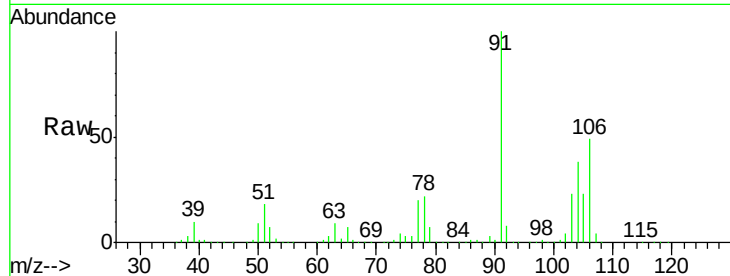




#55
o-xylene
Concen: 112.970 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

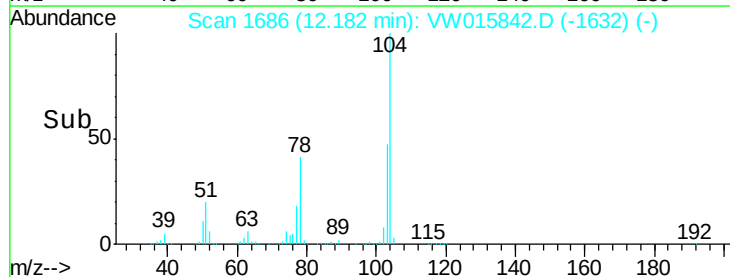
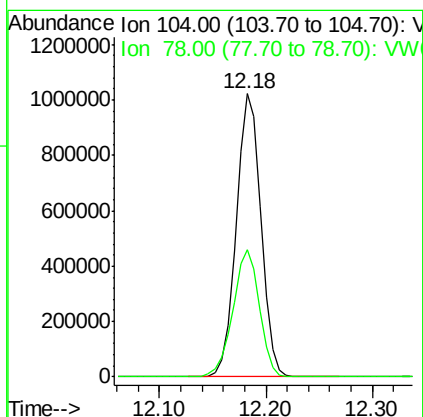
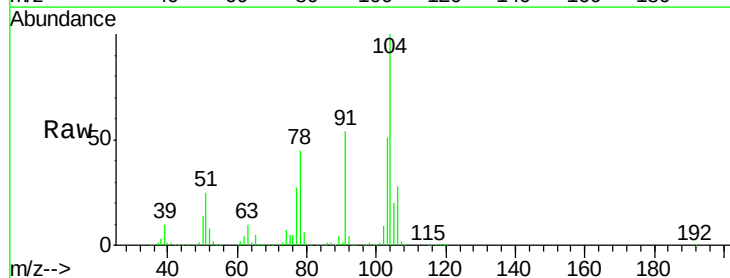
Instrument :
MSVOA_W
ClientSampled :
VSTD10003

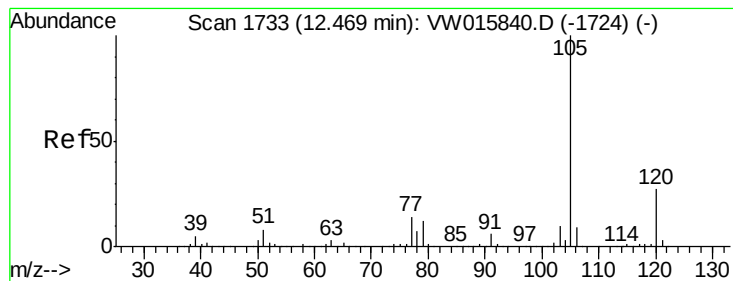
Tgt Ion:106 Resp: 972136
Ion Ratio Lower Upper
106 100
91 202.1 141.1 262.0



#56
Styrene
Concen: 113.889 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015842.D
Acq: 13 Jul 2020 12:39

Tgt Ion:104 Resp: 1658280
Ion Ratio Lower Upper
104 100
78 45.0 31.0 57.6





#57

Isopropylbenzene

Concen: 112.841 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

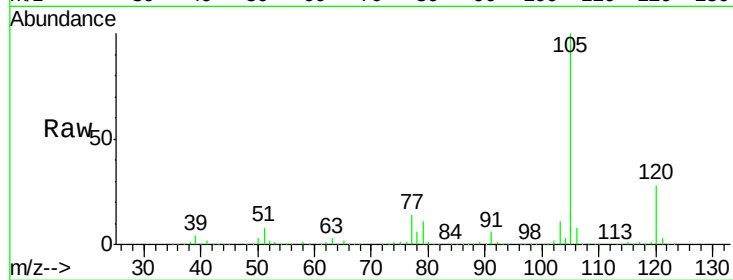
Tgt Ion:105 Resp: 2670261

Ion Ratio Lower Upper

105 100

120 27.0 21.4 32.0

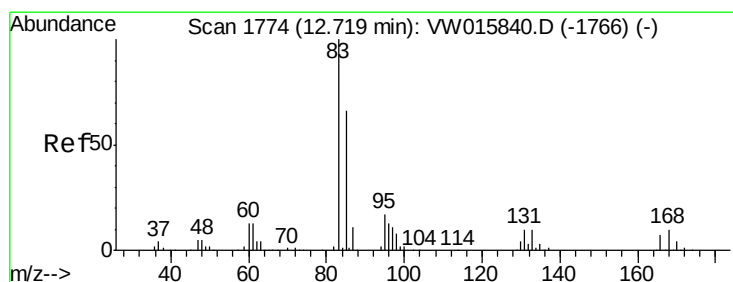
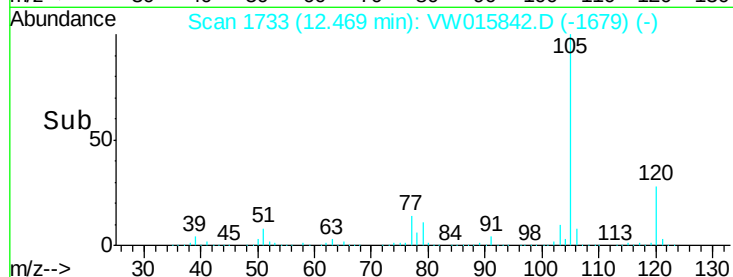
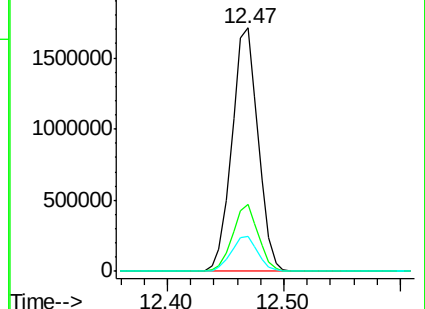
77 14.6 12.2 18.2



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: 98.717 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

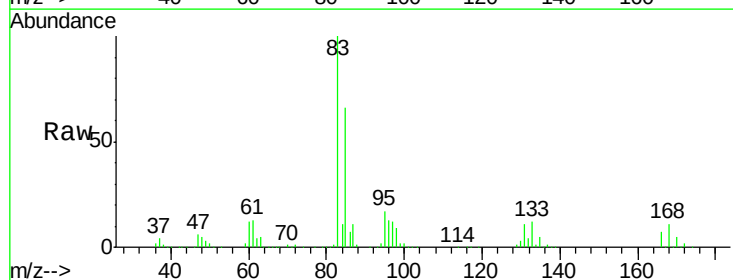
Tgt Ion: 83 Resp: 393982

Ion Ratio Lower Upper

83 100

85 66.1 46.2 85.8

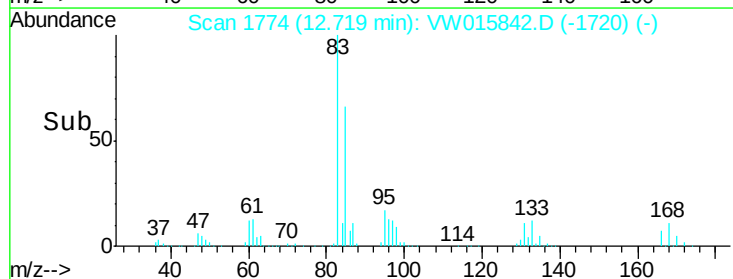
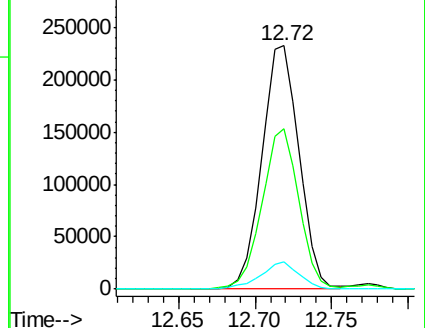
131 11.4 8.1 12.1

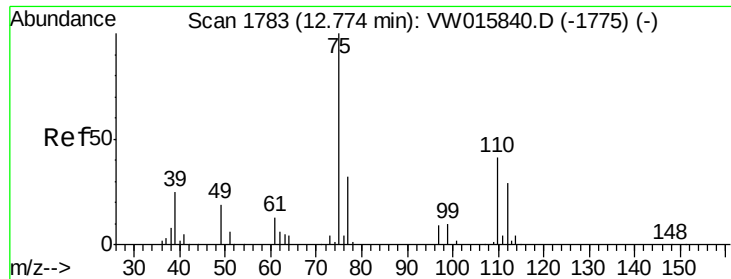


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

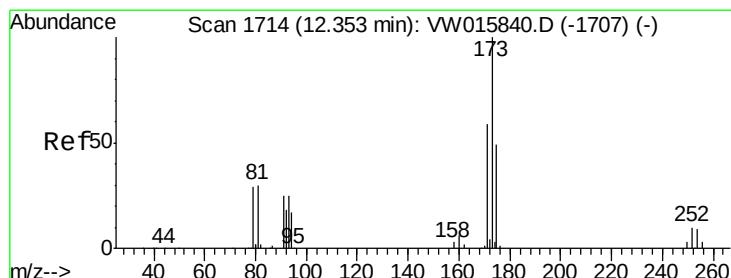
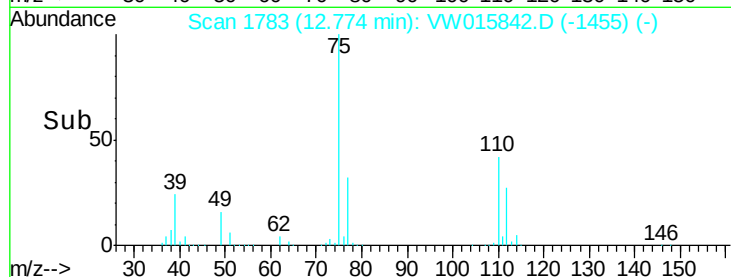
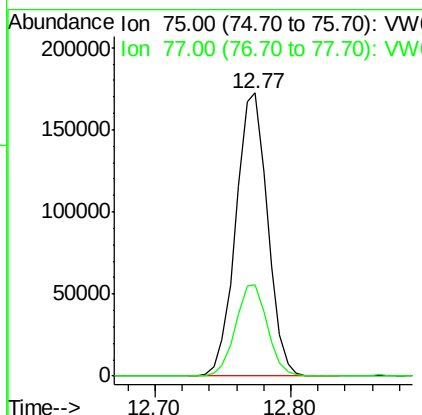
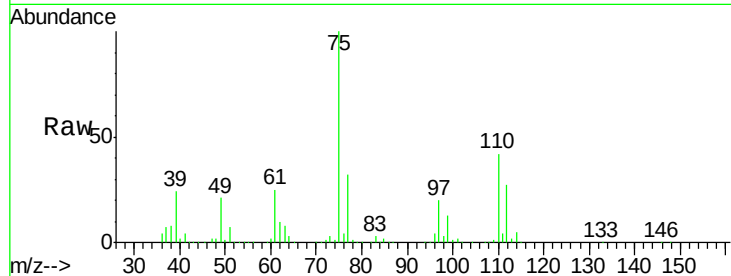




#59
 1,2,3-Trichloropropane
 Concen: 93.019 ug/L
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

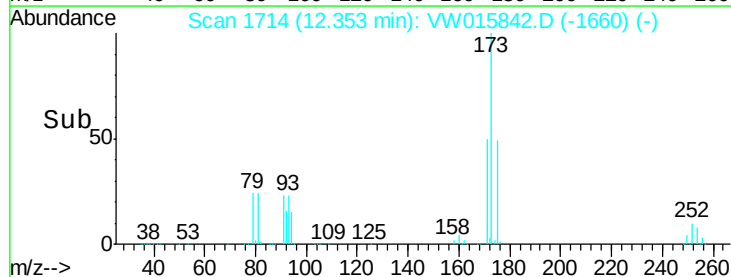
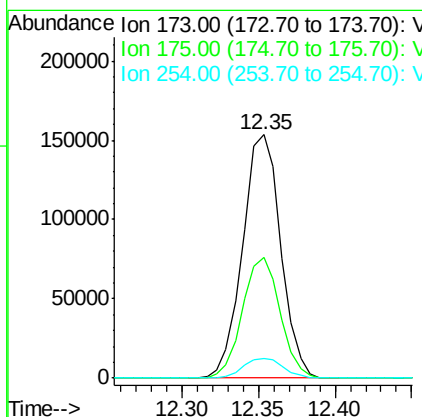
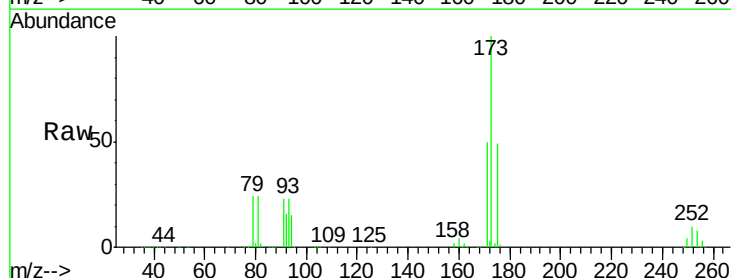
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

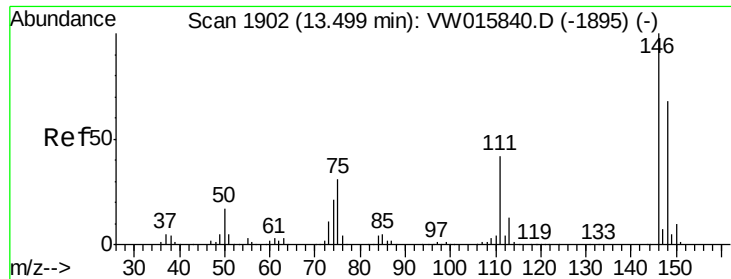
Tgt Ion: 75 Resp: 280014
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8



#62
 Bromoform
 Concen: 118.622 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion: 173 Resp: 265915
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.2 57.4
 254 8.6 6.6 9.8

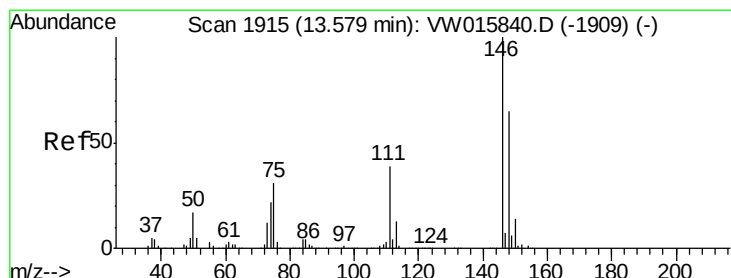
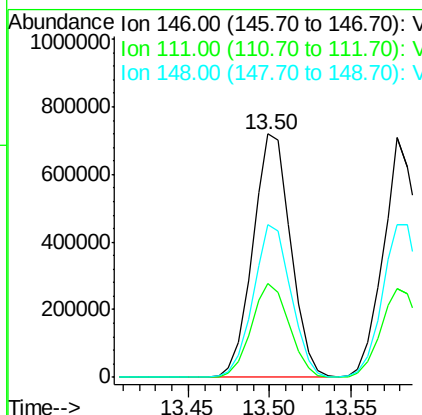
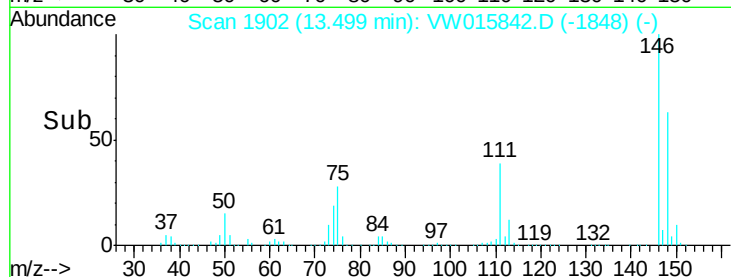
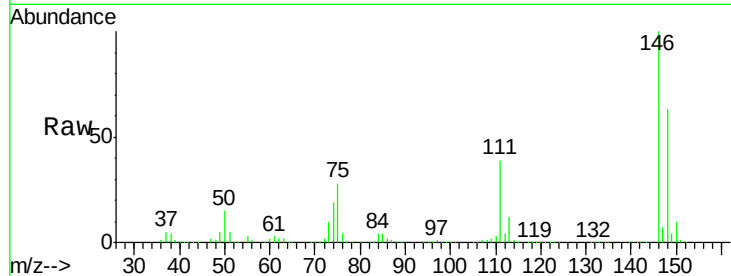




#63
 1,3-Dichlorobenzene
 Concen: 109.952 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

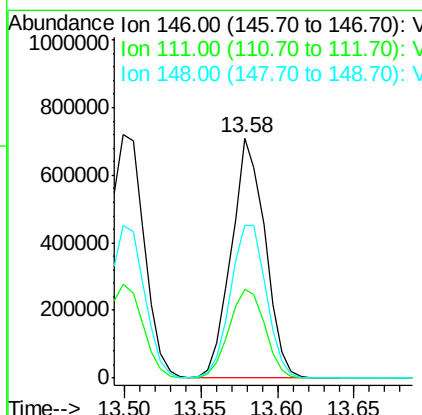
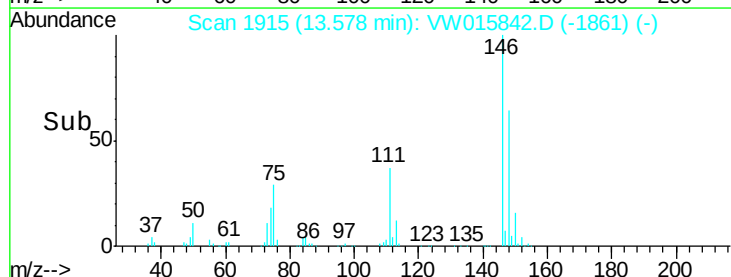
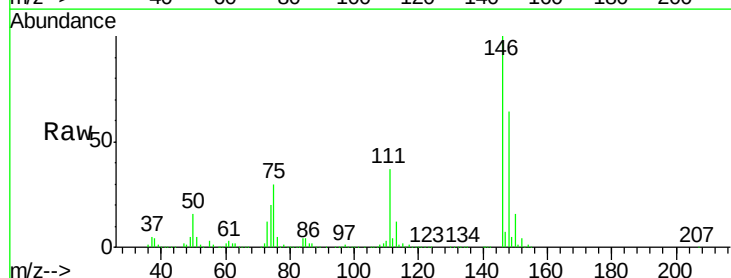
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

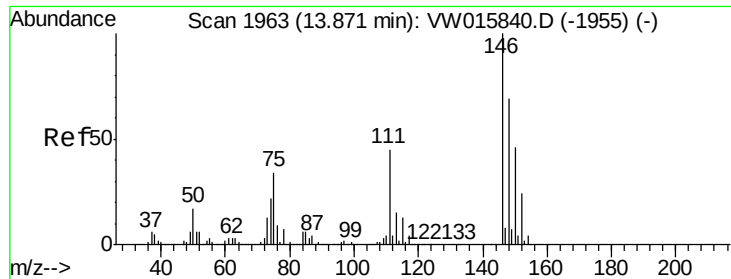
Tgt Ion:146 Resp: 1154573
 Ion Ratio Lower Upper
 146 100
 111 38.7 29.2 54.2
 148 62.9 47.7 88.7



#64
 1,4-Dichlorobenzene
 Concen: 103.934 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015842.D
 Acq: 13 Jul 2020 12:39

Tgt Ion:146 Resp: 1089619
 Ion Ratio Lower Upper
 146 100
 111 36.9 27.6 51.2
 148 63.6 45.3 84.1





#65

1,2-Dichlorobenzene

Concen: 109.189 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

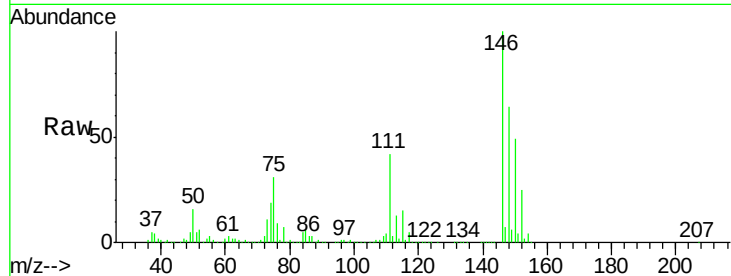
Tgt Ion:146 Resp: 1009211

Ion Ratio Lower Upper

146 100

111 41.5 36.2 54.4

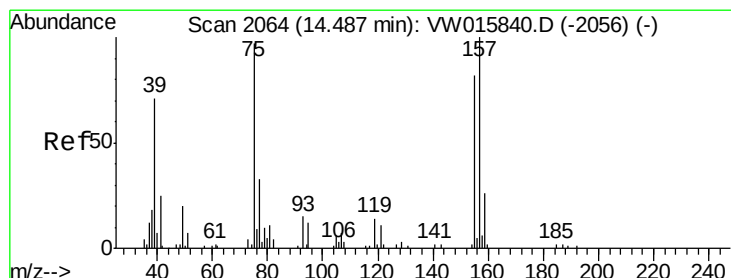
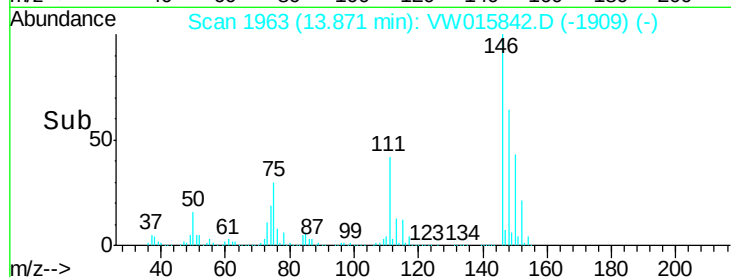
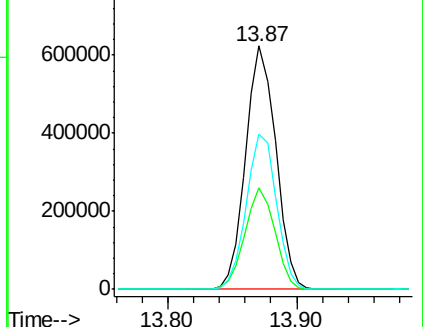
148 63.7 55.1 82.7



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: 92.614 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

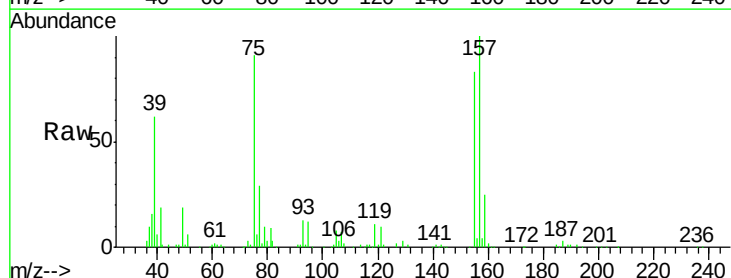
Tgt Ion: 75 Resp: 59332

Ion Ratio Lower Upper

75 100

157 110.0 82.2 123.2

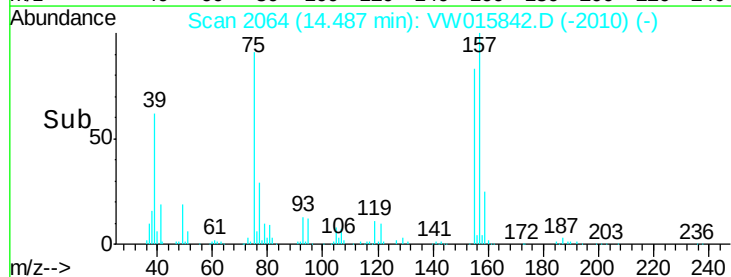
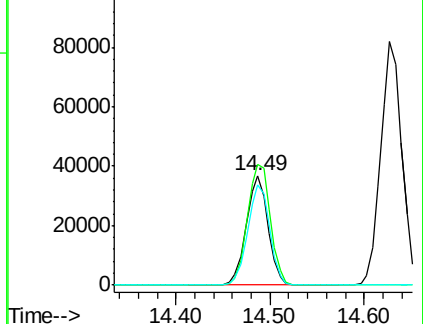
155 91.5 67.7 101.5

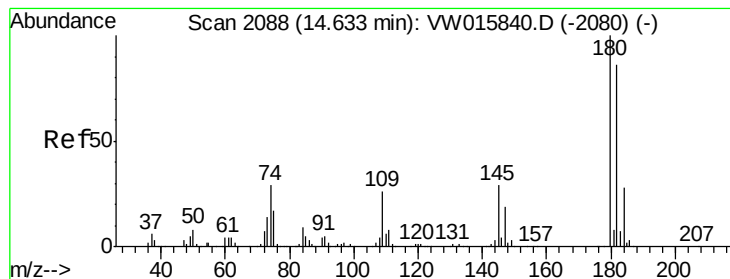


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#67

1,3,5-Trichlorobenzene

Concen: 109.300 ug/L

RT: 14.63 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

Tgt Ion:180 Resp: 778453

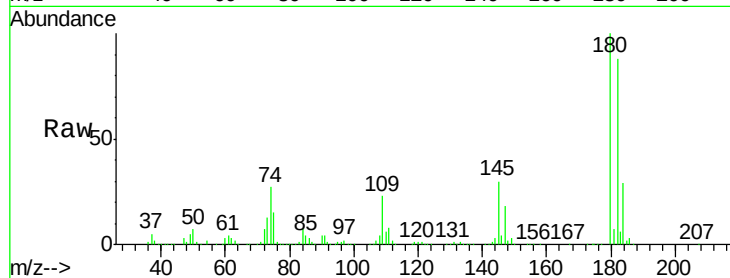
Ion Ratio Lower Upper

180 100

182 93.2 75.3 112.9

184 29.5 22.8 34.2

145 30.6 24.6 37.0

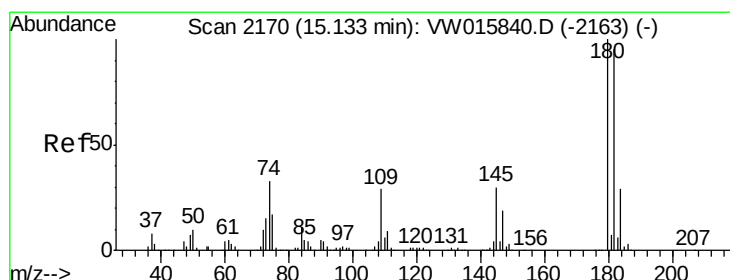
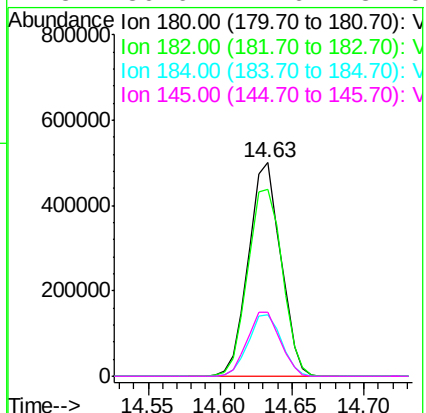
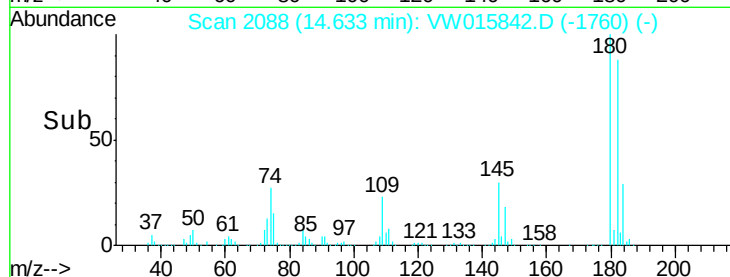


Abundance Ion 180.00 (179.70 to 180.70): V

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: 112.016 ug/L

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

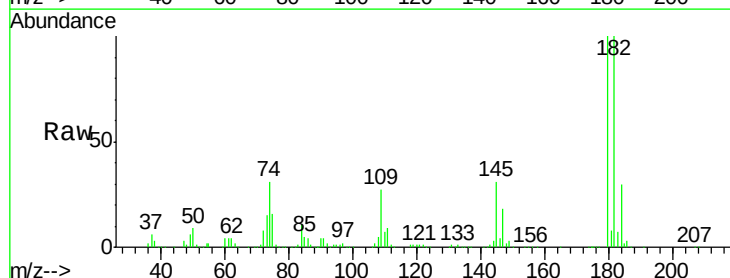
Tgt Ion:180 Resp: 641287

Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

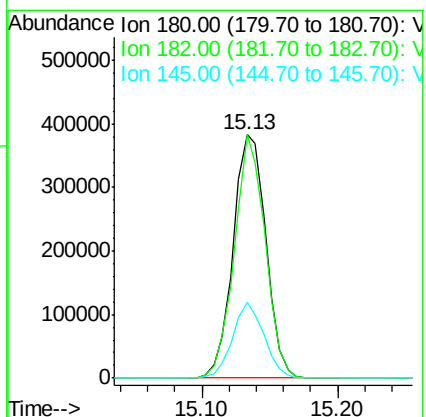
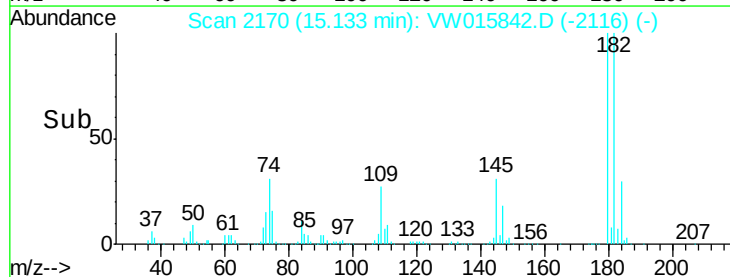
145 29.8 25.0 37.4

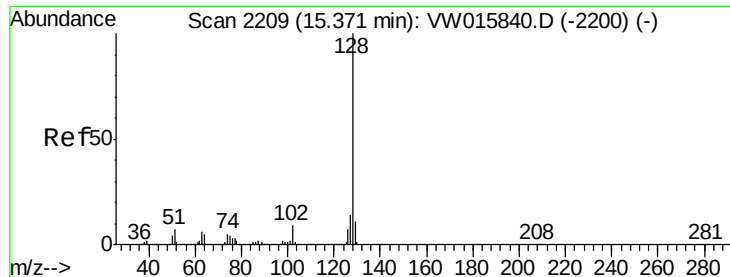


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 113.433 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VSTD10003

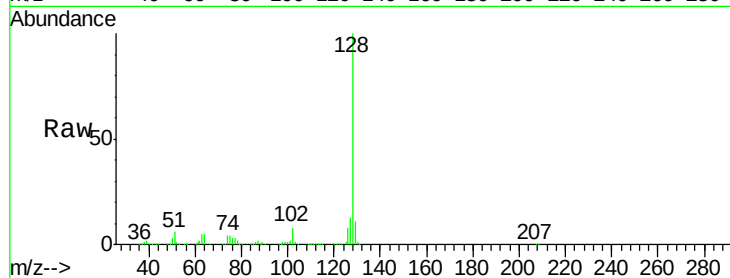
Tgt Ion:128 Resp: 1184509

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

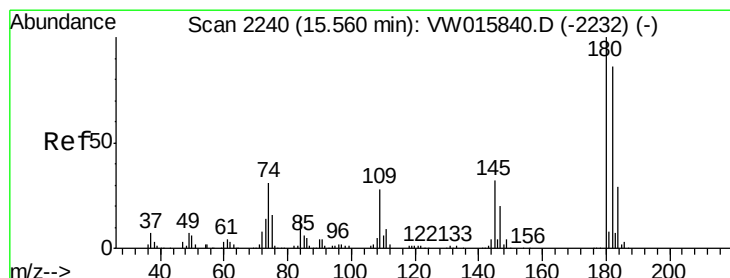
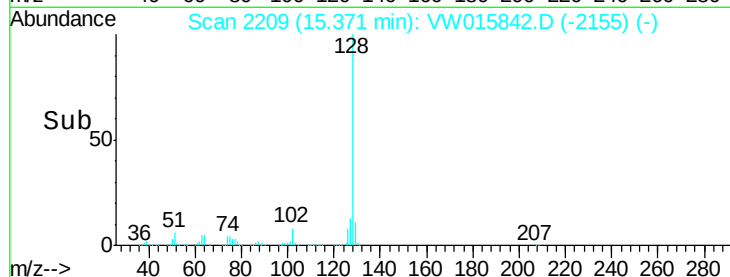
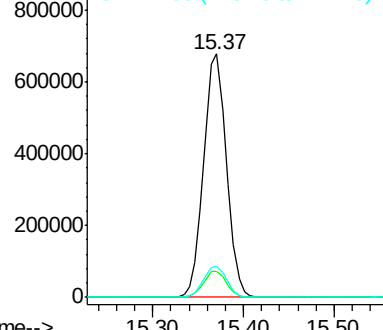
127 12.9 10.7 16.1



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



#70

1,2,3-Trichlorobenzene

Concen: 109.958 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW015842.D

Acq: 13 Jul 2020 12:39

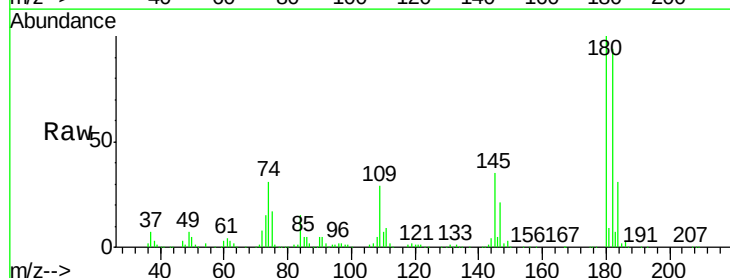
Tgt Ion:180 Resp: 543912

Ion Ratio Lower Upper

180 100

182 95.9 73.1 109.7

145 33.3 26.6 40.0



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

