

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
 Data File : VW016325.D
 Acq On : 24 Aug 2020 12:12
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Quant Time: Aug 24 12:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 12:35:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	279661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	265723	78.36	ug/L	0.00
7) Chloroethane-d5	2.89	69	216048	83.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	677635	92.39	ug/L	0.00
20) 2-Butanone-d5	7.08	46	164716	181.97	ug/L	0.00
24) Chloroform-d	7.65	84	702503	93.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	356799	89.51	ug/L	0.00
29) Benzene-d6	8.27	84	1381116	95.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	388025	92.30	ug/L	0.00
37) Toluene-d8	10.33	98	1327541	99.83	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	193506	100.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	127226	178.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	318864	91.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	443193	99.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	317552	112.963 ug/L	97
3) Chloromethane	2.21	50	252714	93.326 ug/L	99
5) Vinyl chloride	2.37	62	321146	89.334 ug/L	96
6) Bromomethane	2.78	94	211399	92.872 ug/L	98
8) Chloroethane	2.92	64	186102	91.657 ug/L	97
9) Trichlorofluoromethane	3.26	101	371955	132.173 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	391033	103.298 ug/L	99
12) 1,1-Dichloroethene	4.04	96	375628	104.573 ug/L	93
13) Acetone	4.12	43	128674	184.417 ug/L	100
14) Carbon disulfide	4.39	76	1085148	98.106 ug/L	99
15) Methyl Acetate	4.67	43	139817	87.488 ug/L	98
16) Methylene chloride	4.92	84	367079	83.105 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	539941	104.960 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	387921	103.204 ug/L	97
19) 1,1-Dichloroethane	6.22	63	636933	96.610 ug/L	98
21) 2-Butanone	7.17	43	187491	172.590 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	415167	104.138 ug/L	95
23) Bromochloromethane	7.52	128	186150	101.374 ug/L	95
25) Chloroform	7.68	83	688685	97.714 ug/L	99
27) 1,2-Dichloroethane	8.40	62	421974	90.925 ug/L	99
30) Cyclohexane	7.96	56	577111	102.343 ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	617841	102.158 ug/L	99
32) Carbon tetrachloride	8.07	117	590379	103.247 ug/L	99
34) Benzene	8.33	78	1451460	96.671 ug/L	100
35) Trichloroethene	9.09	95	414368	101.591 ug/L	99
36) Methylcyclohexane	9.34	83	689694	103.120 ug/L	99
40) 1,2-Dichloropropane	9.37	63	341816	93.680 ug/L	100
41) Bromodichloromethane	9.65	83	500627	98.481 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	596790	105.432 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	403376	183.126 ug/L	99

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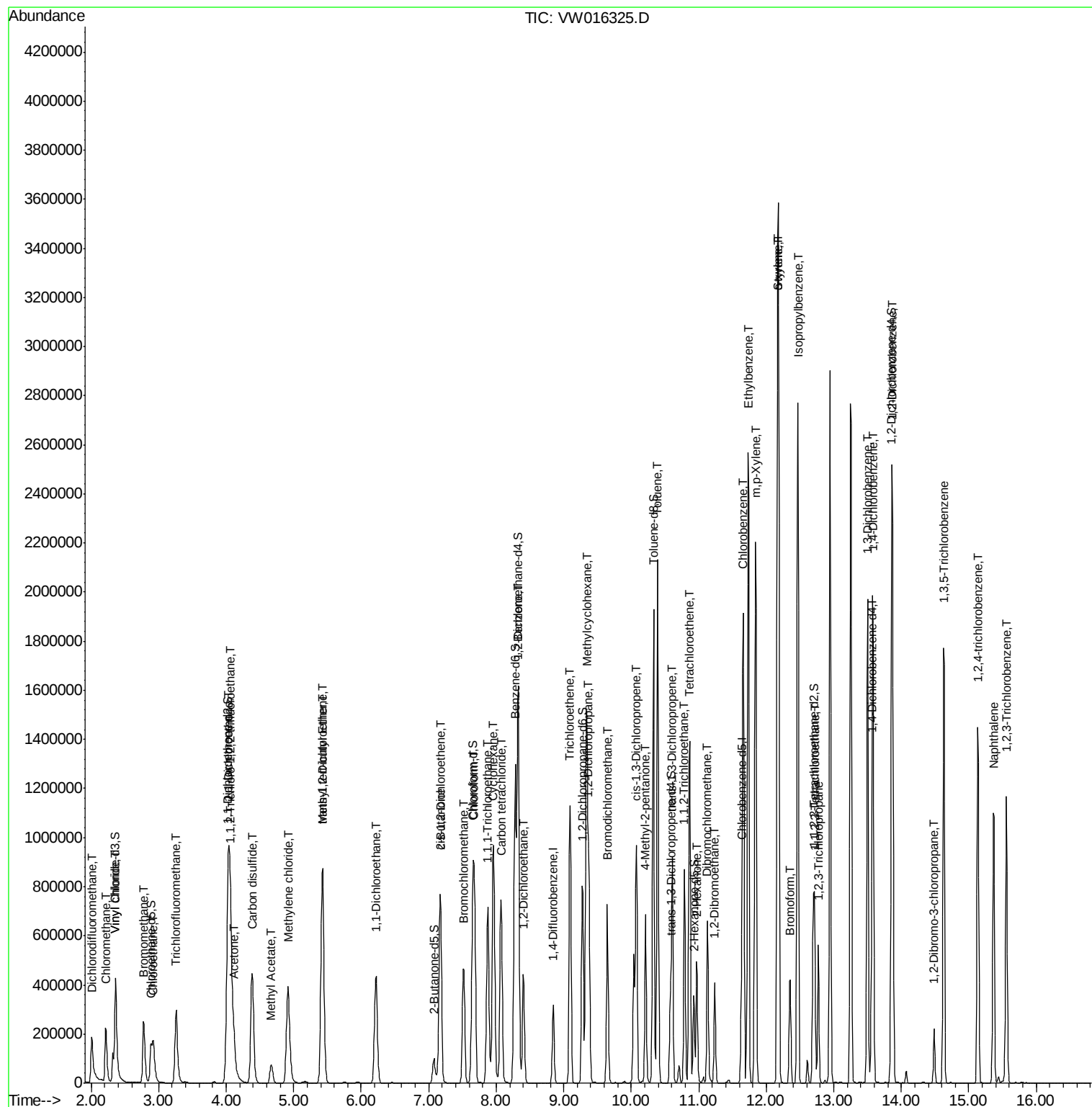
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1592204	100.023	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	523718	102.957	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	281547	96.230	ug/L	97
47) Tetrachloroethene	10.87	164	313747	101.424	ug/L	94
49) 2-Hexanone	10.97	43	285463	193.667	ug/L	98
50) Dibromochloromethane	11.13	129	366008	104.786	ug/L	99
51) 1,2-Dibromoethane	11.24	107	279468	100.275	ug/L	98
52) Chlorobenzene	11.66	112	1065224	100.455	ug/L	98
53) Ethylbenzene	11.73	91	1856946	102.589	ug/L	98
54) m,p-Xylene	11.84	106	712318	104.022	ug/L	97
55) o-xylene	12.17	106	678345	105.599	ug/L	98
56) Styrene	12.18	104	1144073	103.112	ug/L	94
57) Isopropylbenzene	12.47	105	1884958	108.147	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	324772	95.046	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	239560	92.938	ug/L	96
62) Bromoform	12.35	173	199994	107.705	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	808922	105.400	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	805662	102.406	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	716759	102.138	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	57958	94.693	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	547094	109.880	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	468894	115.660	ug/L	99
69) Naphthalene	15.37	128	977609	115.613	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	397558	109.408	ug/L	98

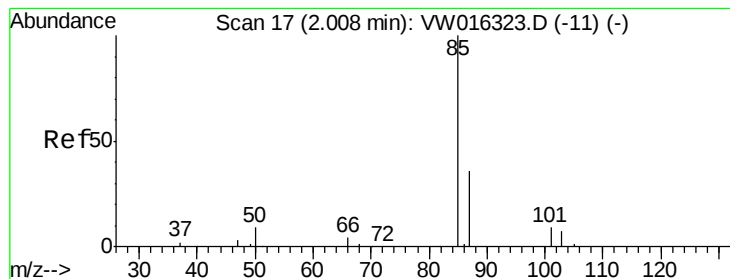
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 112.963 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

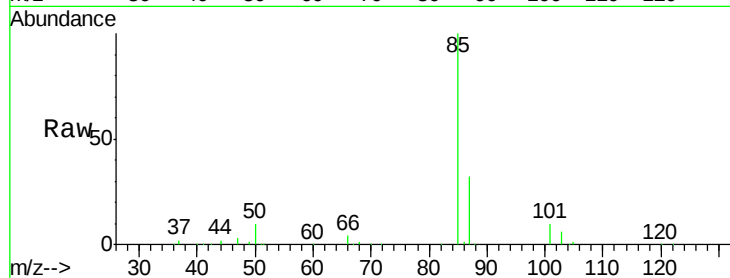
VSTD10006

Tgt Ion: 85 Resp: 317552

Ion Ratio Lower Upper

85 100

87 29.4 21.6 40.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.01

120000

100000

80000

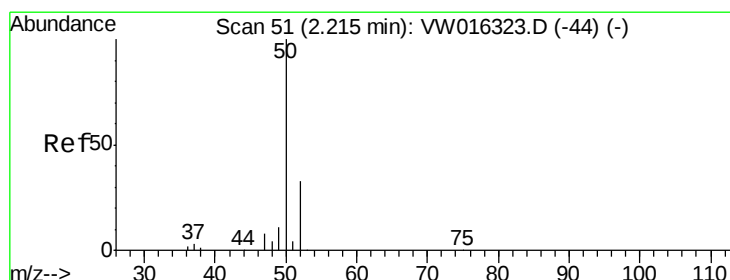
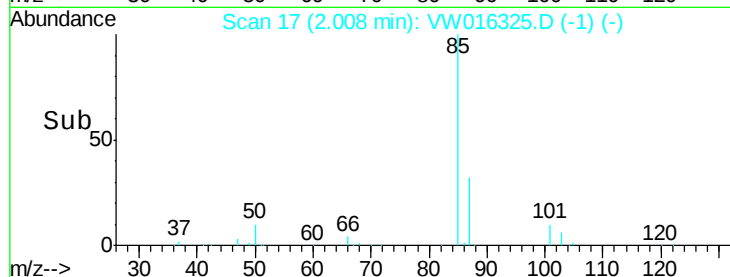
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 93.326 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016325.D

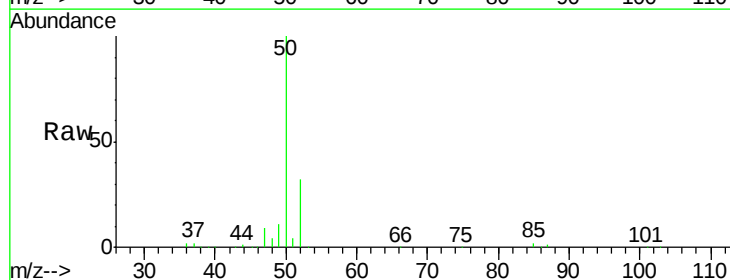
Acq: 24 Aug 2020 12:12

Tgt Ion: 50 Resp: 252714

Ion Ratio Lower Upper

50 100

52 32.5 23.3 43.3



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.21

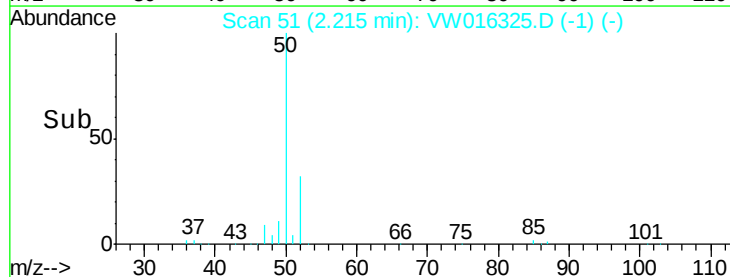
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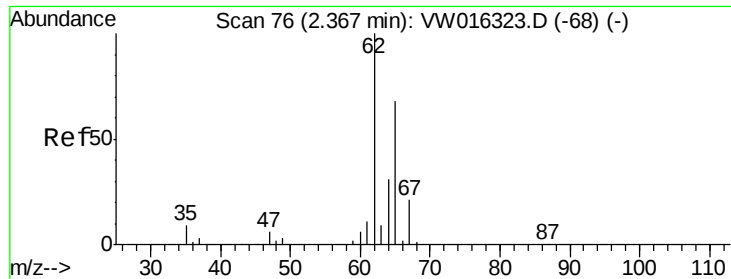
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 89.334 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

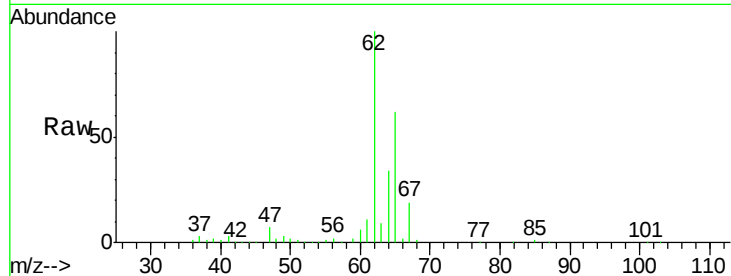
VSTD10006

Tgt Ion: 62 Resp: 321146

Ion Ratio Lower Upper

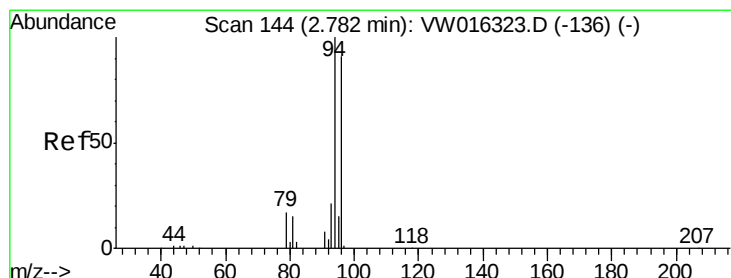
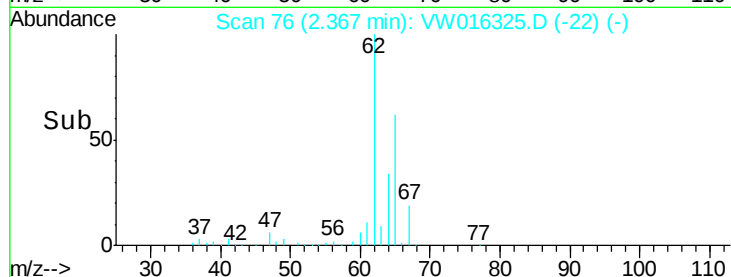
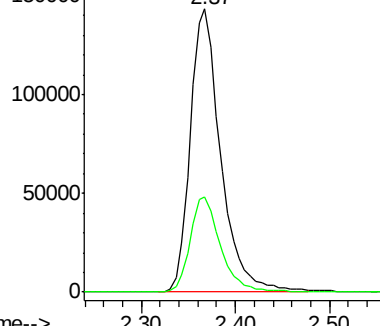
62 100

64 33.7 22.0 41.0



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 92.872 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016325.D

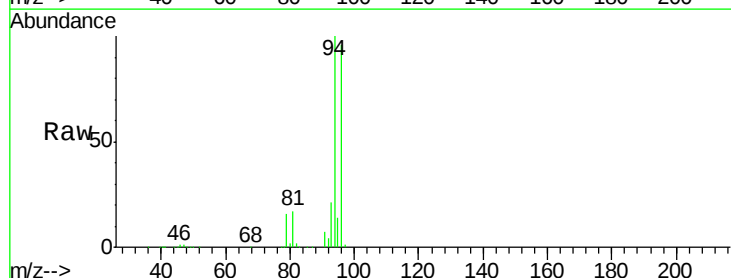
Acq: 24 Aug 2020 12:12

Tgt Ion: 94 Resp: 211399

Ion Ratio Lower Upper

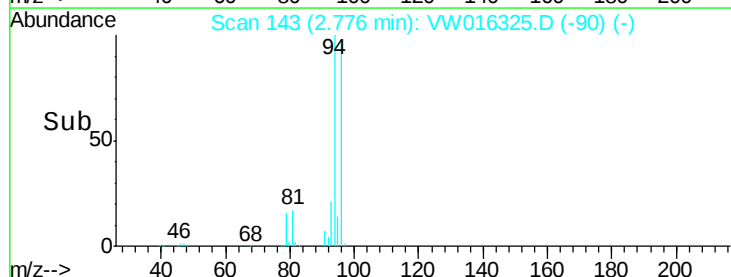
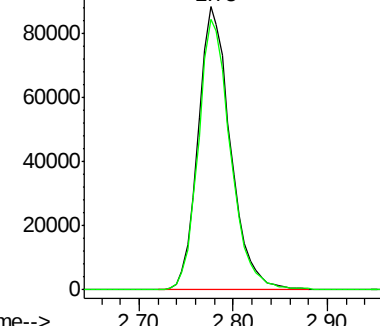
94 100

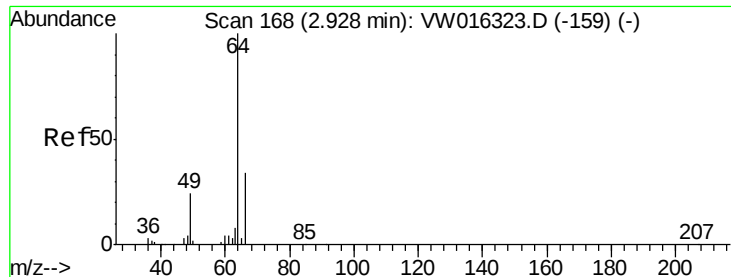
96 95.3 9.3 176.7



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 91.657 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

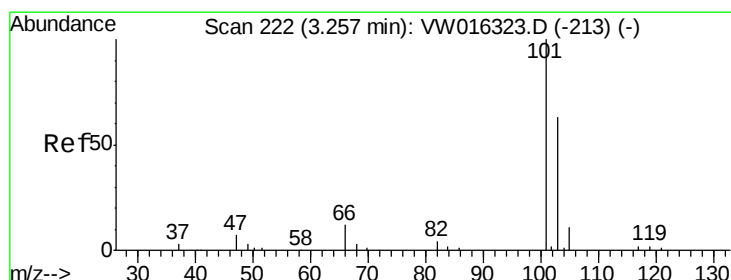
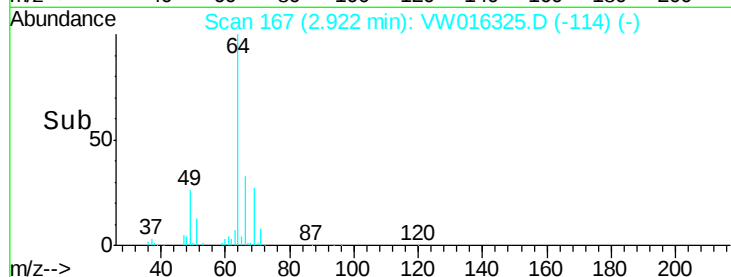
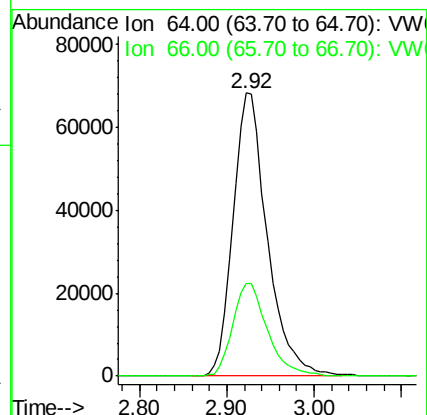
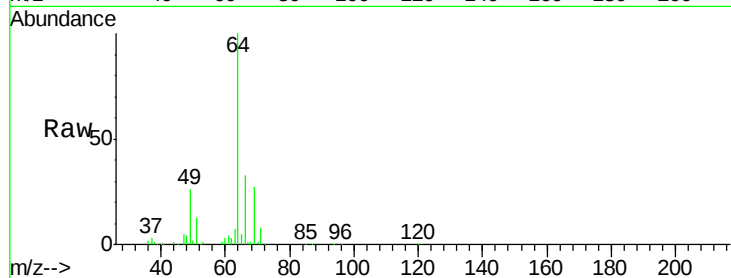
VSTD10006

Tgt Ion: 64 Resp: 186102

Ion Ratio Lower Upper

64 100

66 32.9 24.1 44.8



#9

Trichlorofluoromethane

Concen: 132.173 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.01 min

Lab File: VW016325.D

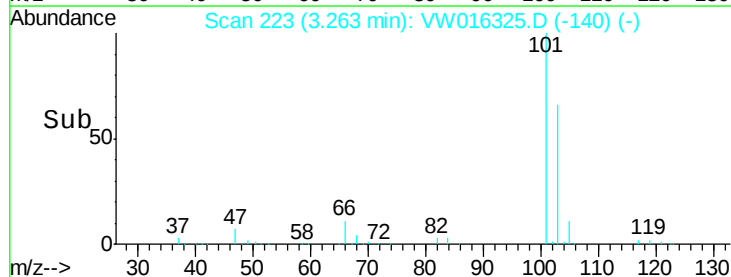
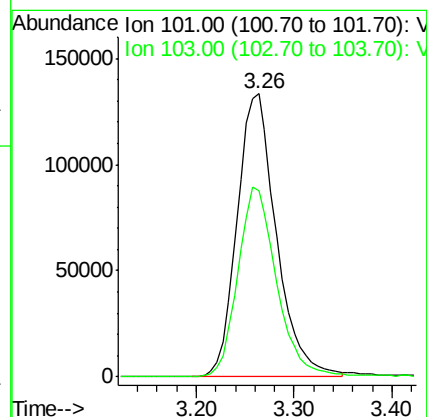
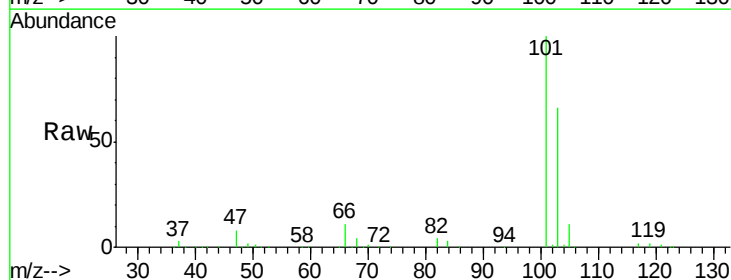
Acq: 24 Aug 2020 12:12

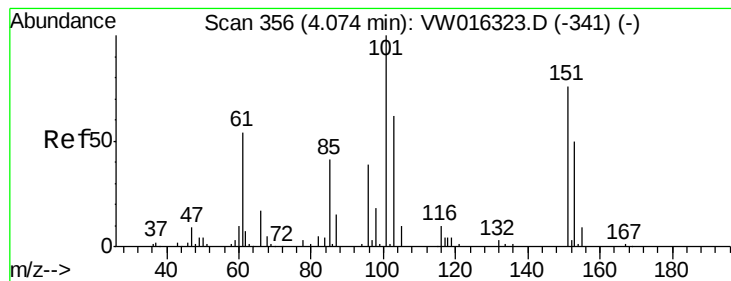
Tgt Ion: 101 Resp: 371955

Ion Ratio Lower Upper

101 100

103 66.0 44.8 83.2





#11

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

Concen: 103.298 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD10006

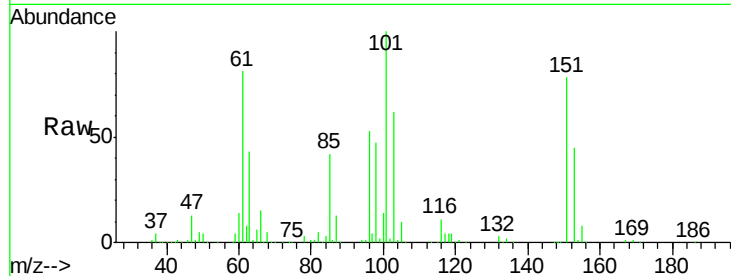
Tgt Ion: 101 Resp: 391033

Ion Ratio Lower Upper

101 100

85 40.4 31.8 47.6

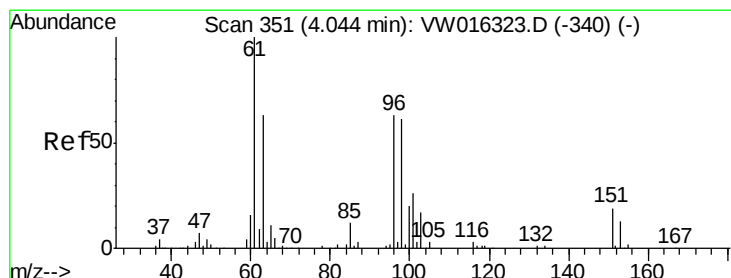
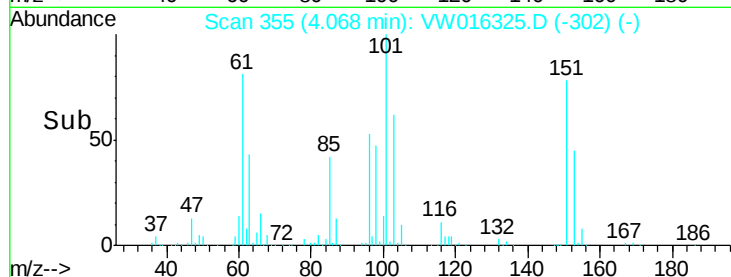
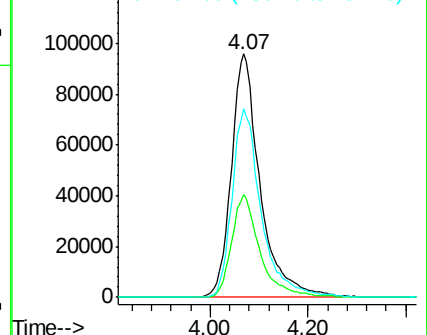
151 75.9 60.9 91.3



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: 104.573 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

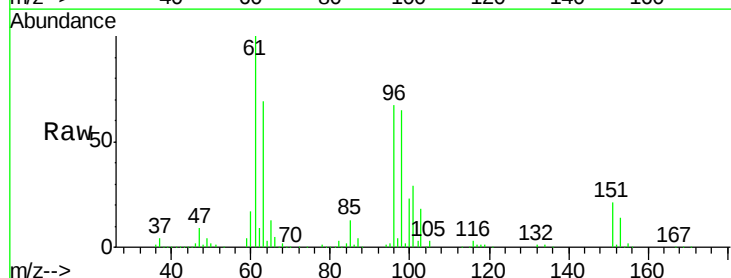
Tgt Ion: 96 Resp: 375628

Ion Ratio Lower Upper

96 100

61 150.1 112.3 208.5

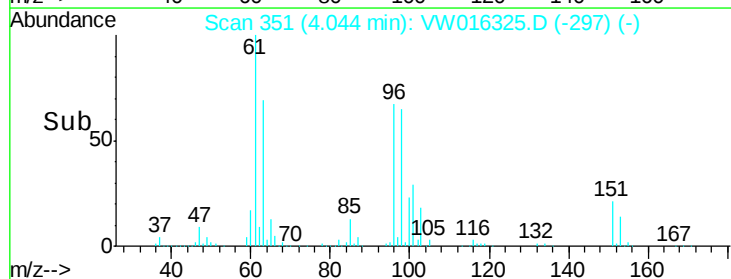
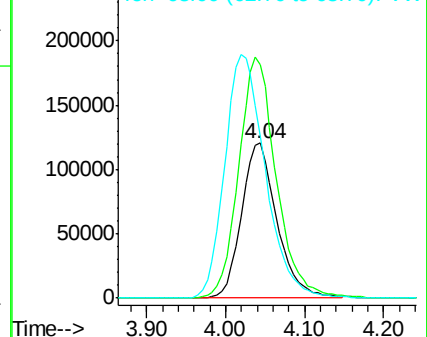
63 104.1 77.3 143.7

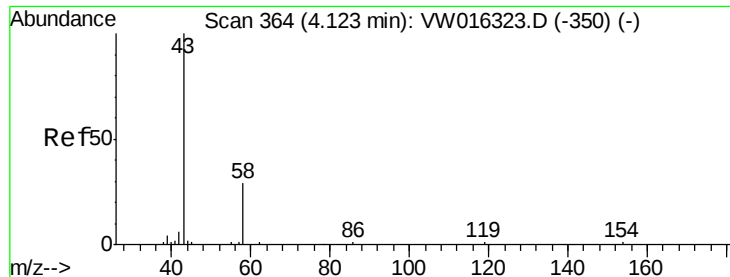


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 184.417 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 24 Aug 2020 12:12

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ClientSampleId :

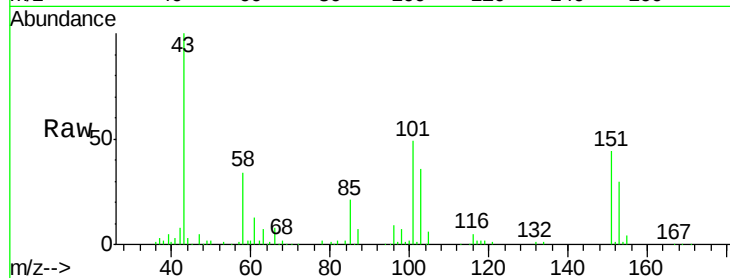
VSTD10006

Tgt Ion: 43 Resp: 128674

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

50000

40000

30000

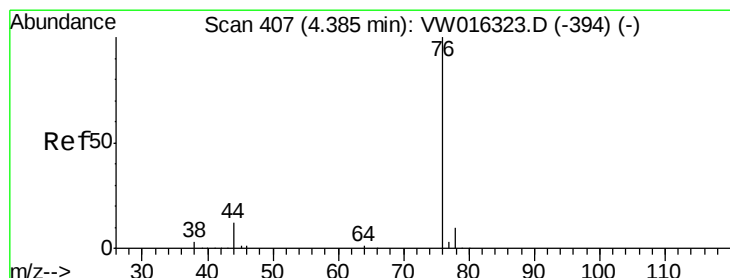
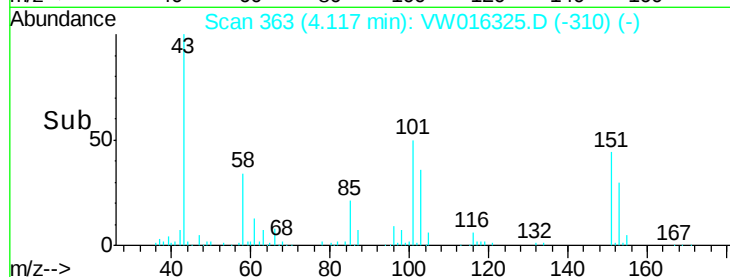
20000

10000

0

Time-->

4.00 4.10 4.20



#14

Carbon disulfide

Concen: 98.106 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW016325.D

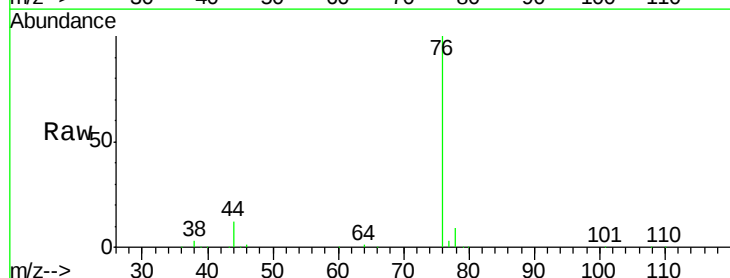
Acq: 24 Aug 2020 12:12

Tgt Ion: 76 Resp: 1085148

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

400000

300000

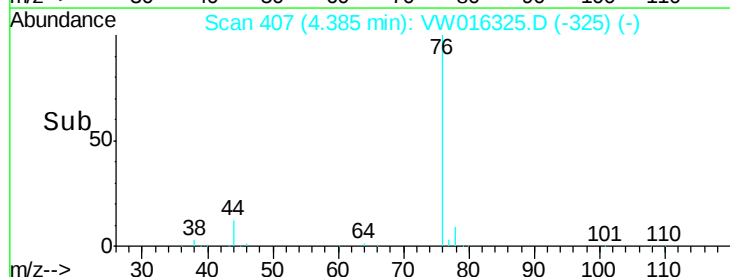
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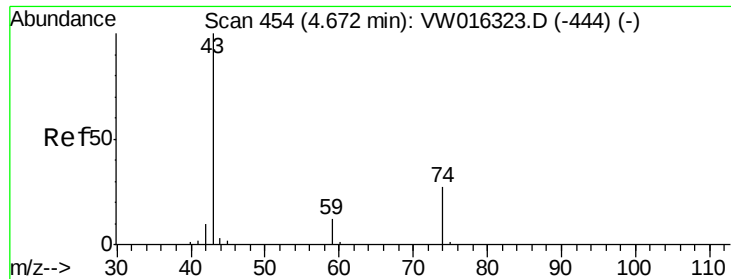
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0

Time-->

4.30 4.40 4.50

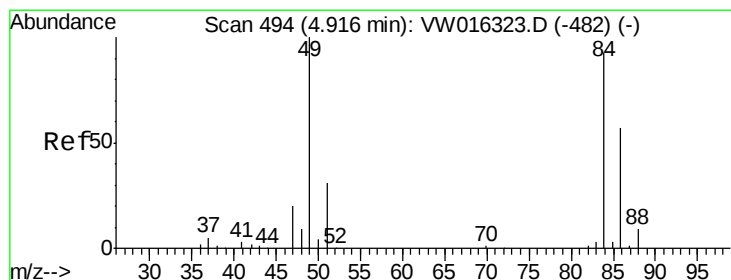
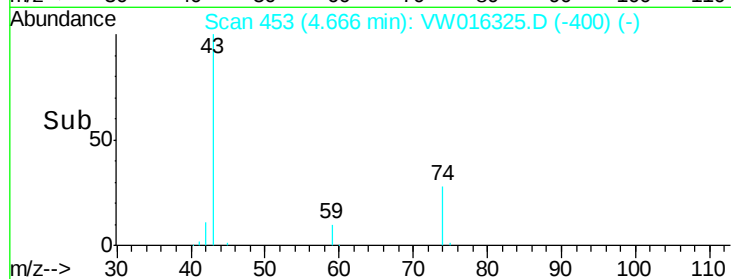
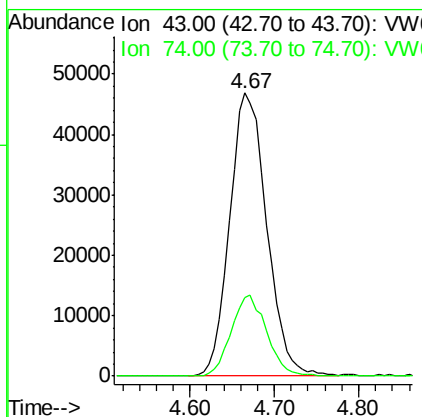
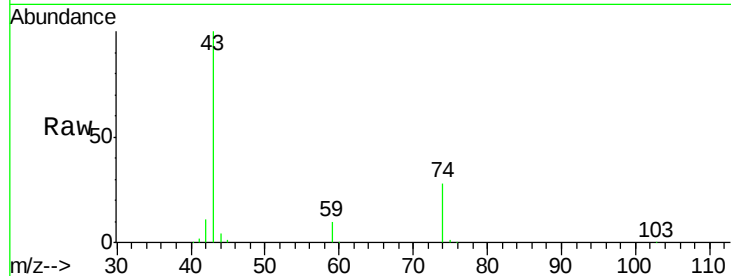




#15
Methyl Acetate
Concen: 87.488 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

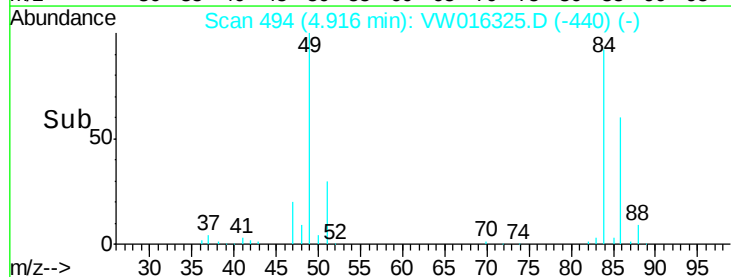
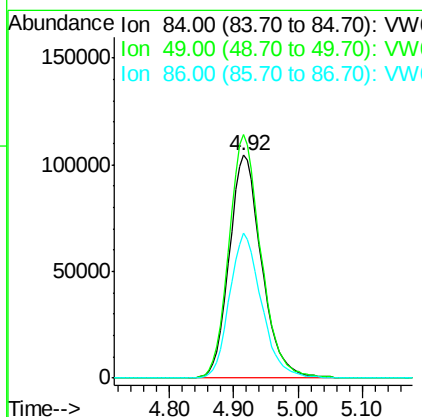
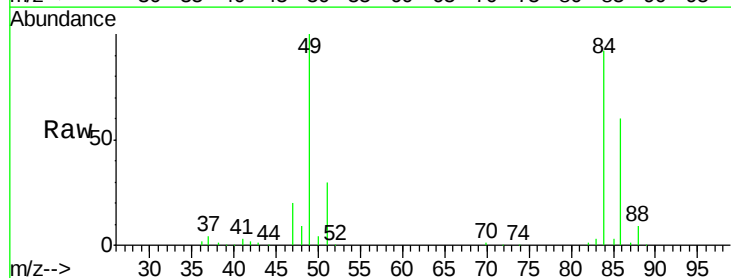
Instrument :
MSVOA_W
ClientSampleId :
VSTD10006

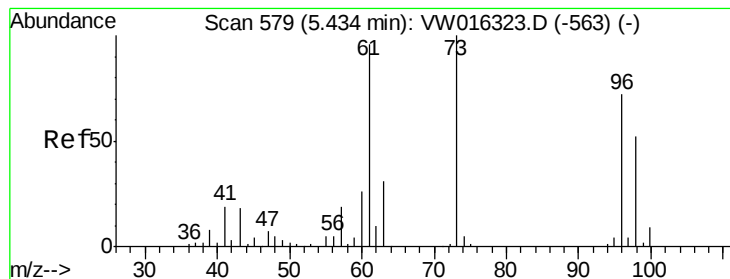
Tgt Ion: 43 Resp: 139817
Ion Ratio Lower Upper
43 100
74 27.5 21.0 31.6



#16
Methylene chloride
Concen: 83.105 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

Tgt Ion: 84 Resp: 367079
Ion Ratio Lower Upper
84 100
49 109.3 75.3 139.9
86 65.2 43.3 80.3



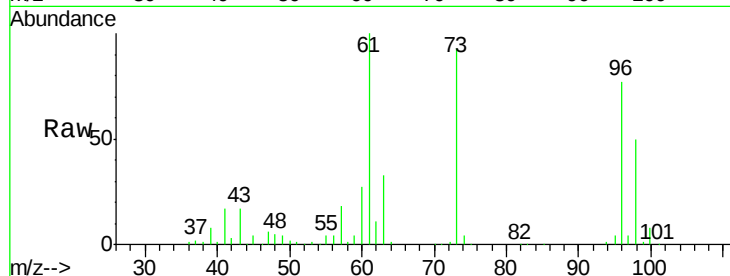


#17

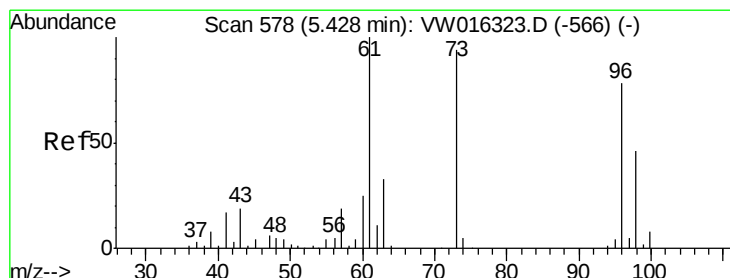
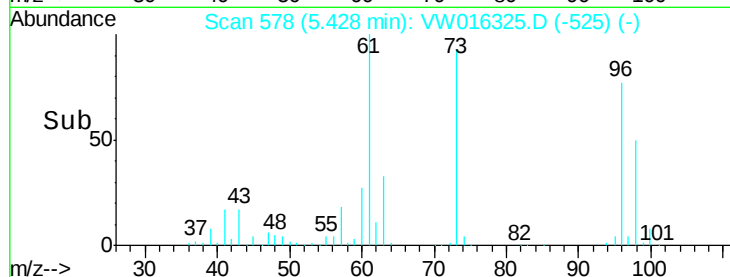
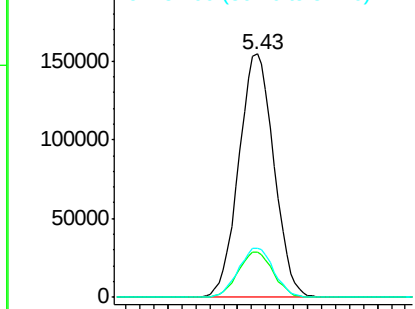
Methyl tert-butyl Ether
 Concen: 104.960 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Tgt Ion: 73 Resp: 539941
 Ion Ratio Lower Upper
 73 100
 43 18.7 15.3 22.9
 57 20.3 16.1 24.1



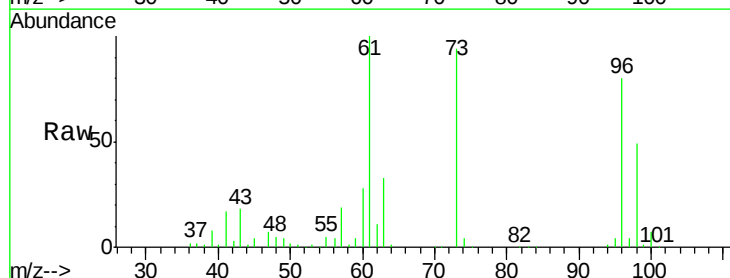
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 57.00 (56.70 to 57.70): VW



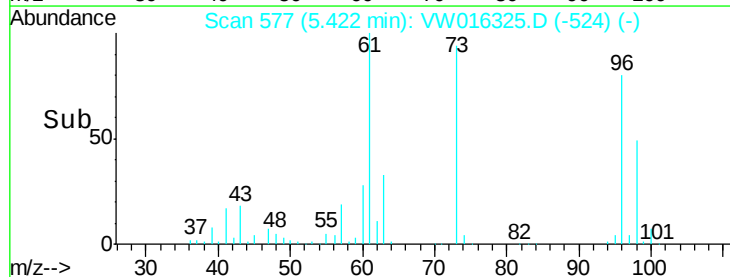
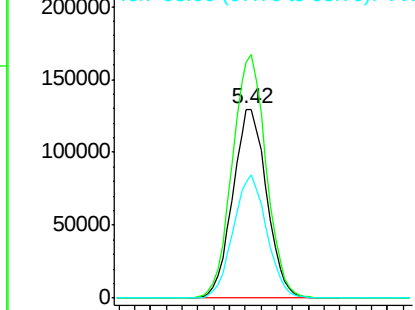
#18

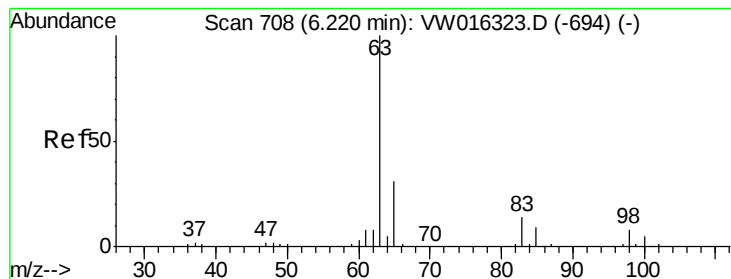
trans-1,2-Dichloroethene
 Concen: 103.204 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Tgt Ion: 96 Resp: 387921
 Ion Ratio Lower Upper
 96 100
 61 125.2 89.9 167.0
 98 61.0 41.6 77.2



Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#19

1,1-Dichloroethane

Concen: 96.610 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD10006

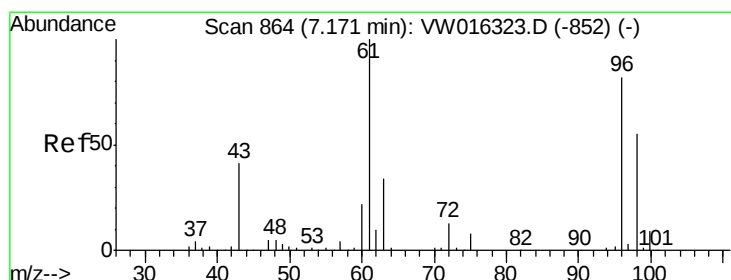
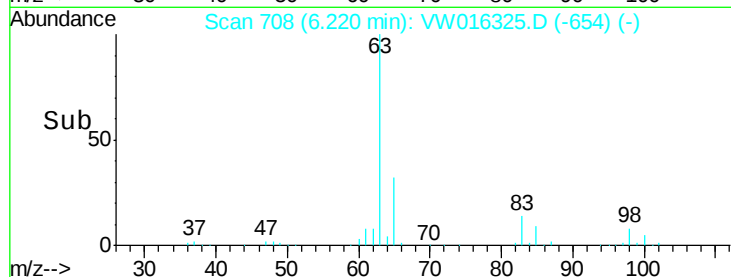
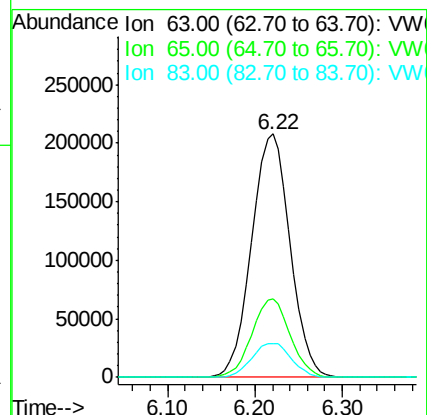
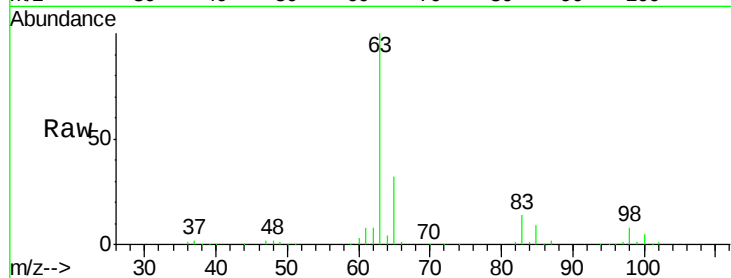
Tgt Ion: 63 Resp: 636933

Ion Ratio Lower Upper

63 100

65 32.4 21.8 40.6

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 172.590 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016325.D

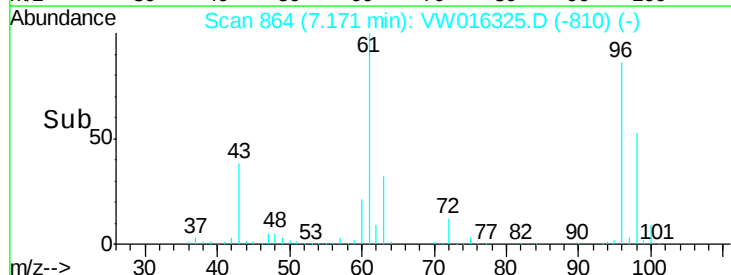
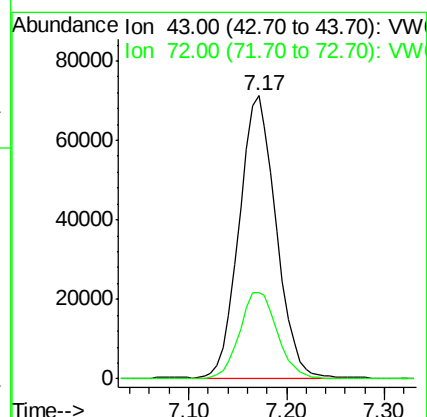
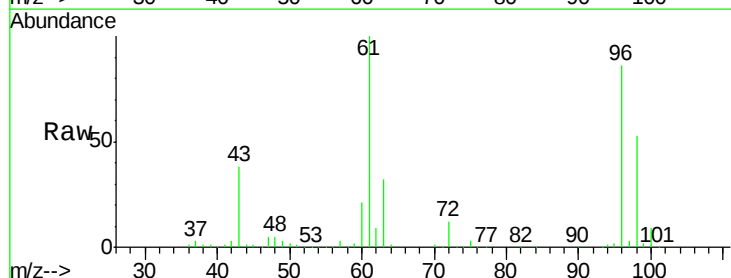
Acq: 24 Aug 2020 12:12

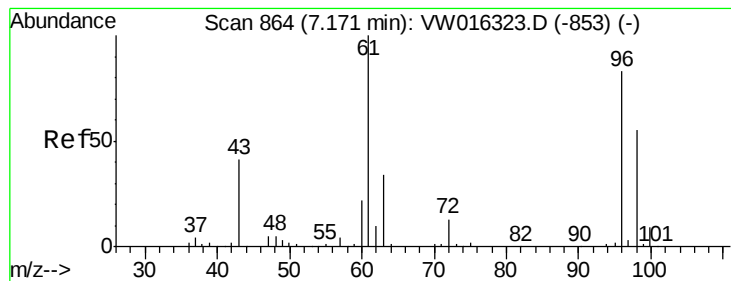
Tgt Ion: 43 Resp: 187491

Ion Ratio Lower Upper

43 100

72 31.3 16.0 48.0



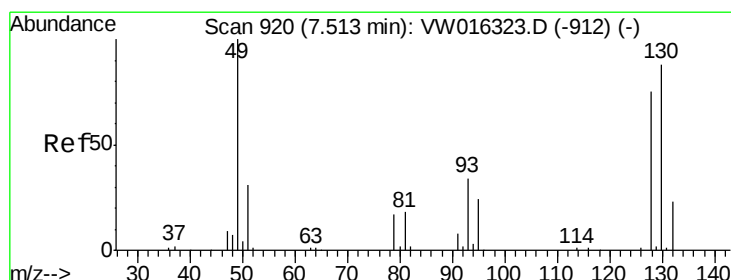
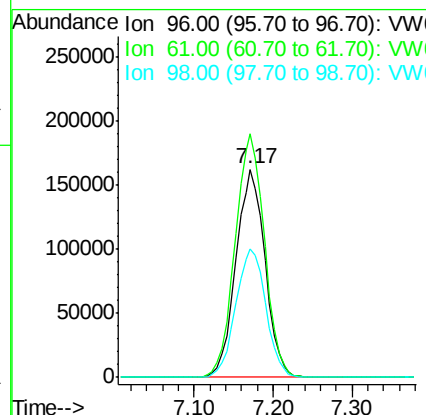
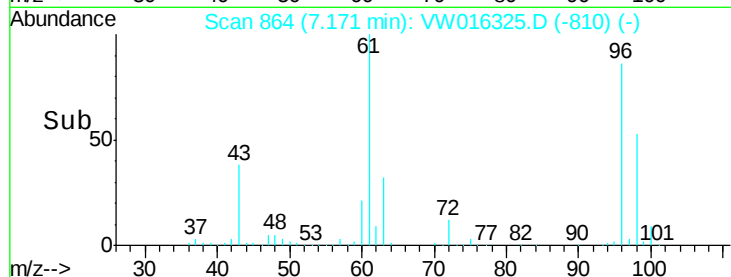
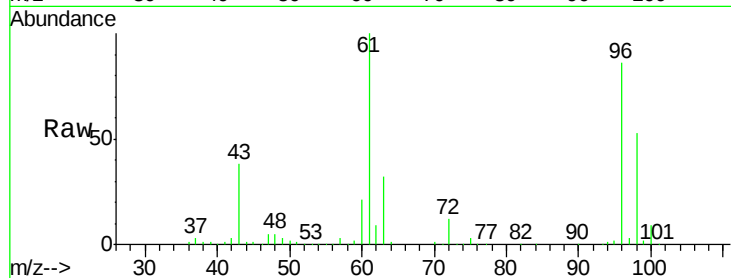


#22

cis-1,2-Dichloroethene
Concen: 104.138 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD10006

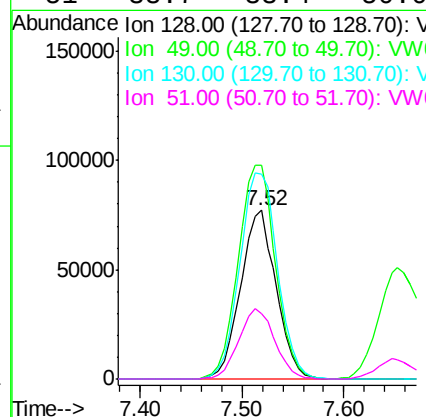
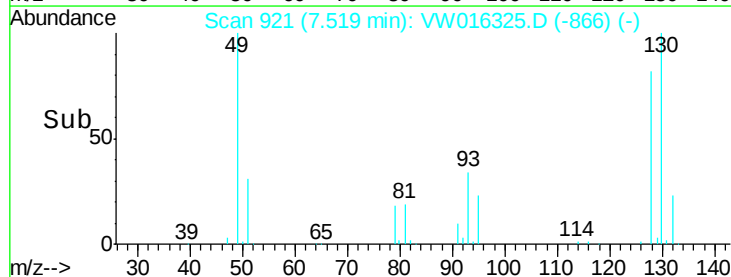
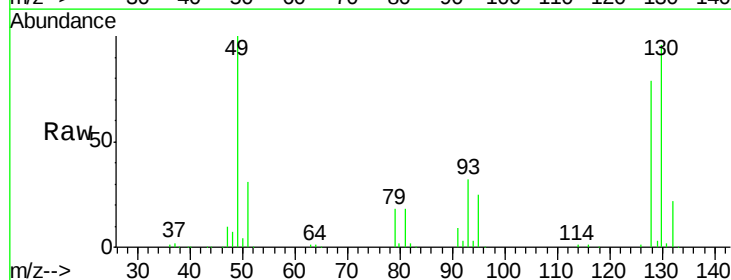
Tgt Ion: 96 Resp: 415167
Ion Ratio Lower Upper
96 100
61 116.9 84.9 157.7
98 61.6 46.8 86.8

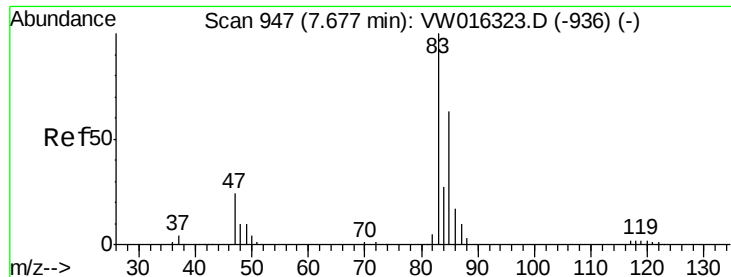


#23

Bromochloromethane
Concen: 101.374 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

Tgt Ion: 128 Resp: 186150
Ion Ratio Lower Upper
128 100
49 126.5 94.5 175.5
130 121.4 83.0 154.1
51 38.7 33.4 50.0





#25

Chloroform

Concen: 97.714 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

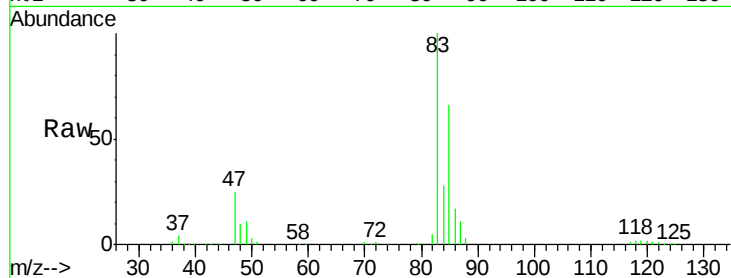
VSTD10006

Tgt Ion: 83 Resp: 688685

Ion Ratio Lower Upper

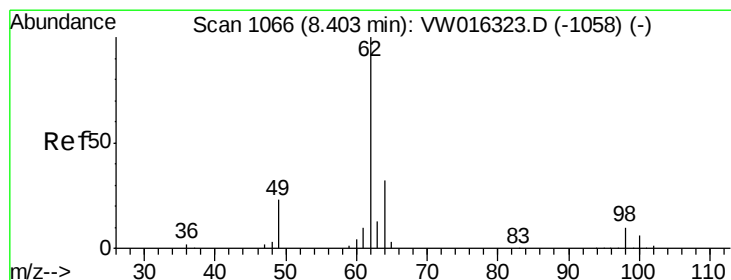
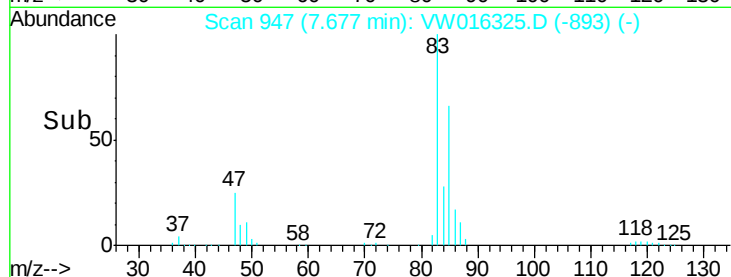
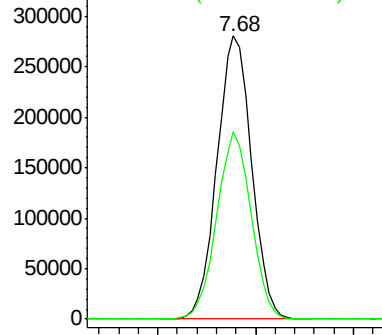
83 100

85 65.8 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 90.925 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016325.D

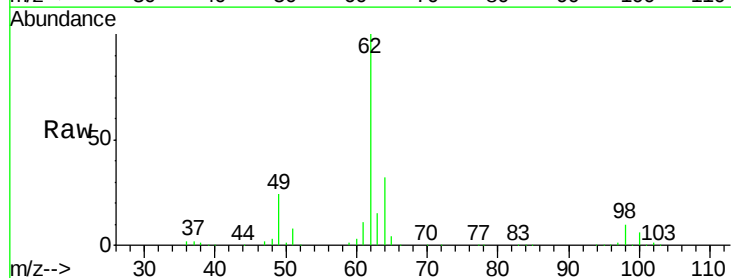
Acq: 24 Aug 2020 12:12

Tgt Ion: 62 Resp: 421974

Ion Ratio Lower Upper

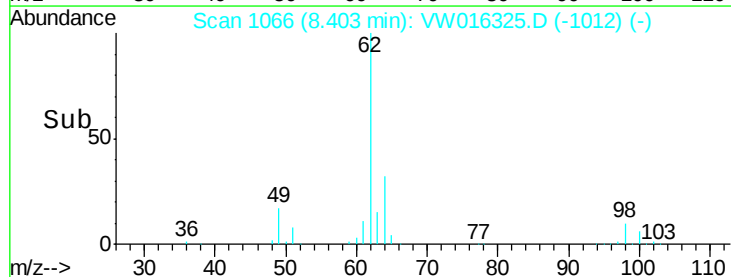
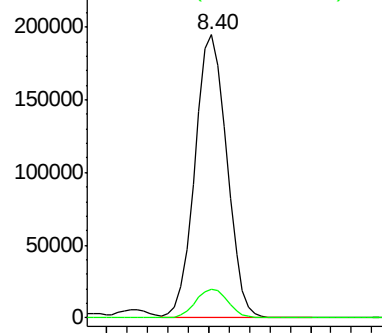
62 100

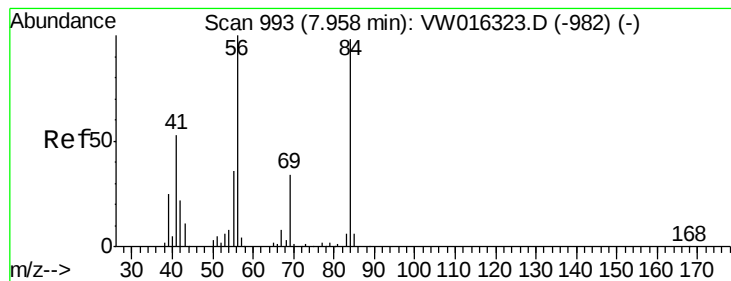
98 10.0 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#30

Cyclohexane

Concen: 102.343 ug/L

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD10006

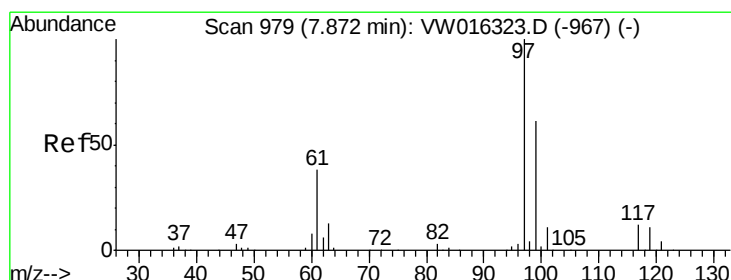
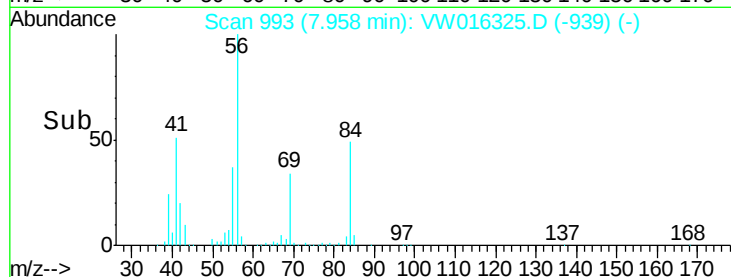
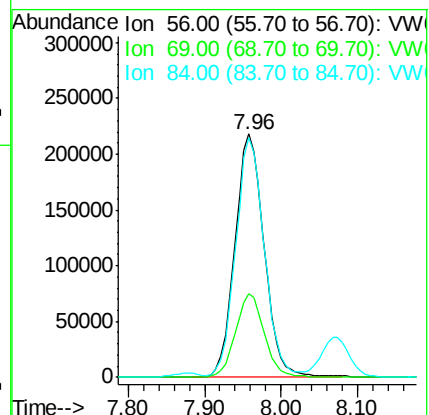
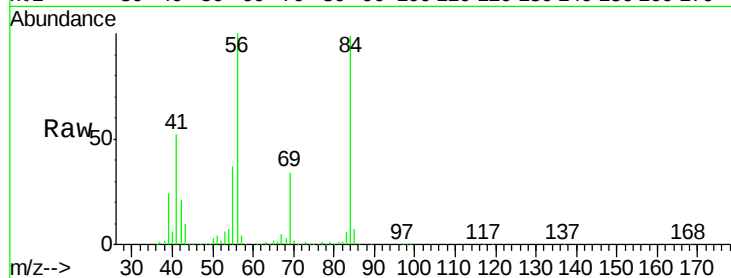
Tgt Ion: 56 Resp: 577111

Ion Ratio Lower Upper

56 100

69 33.6 26.6 40.0

84 96.6 78.4 117.6



#31

1,1,1-Trichloroethane

Concen: 102.158 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

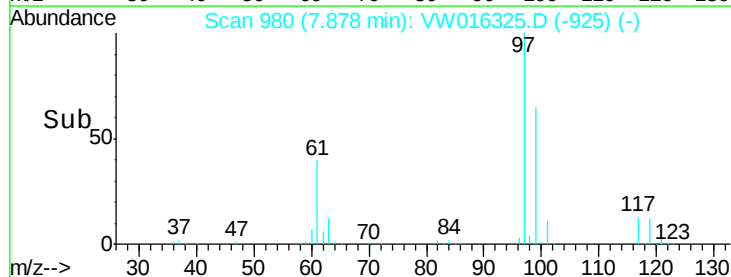
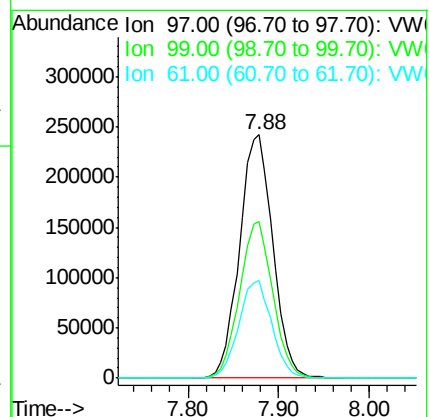
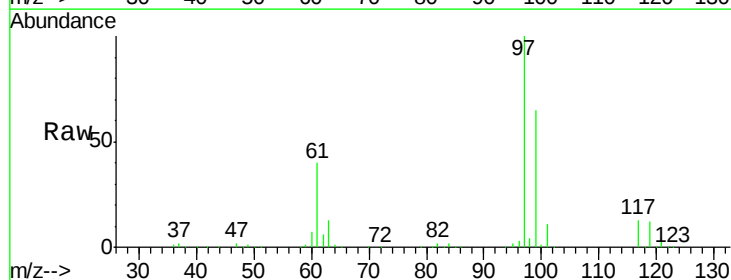
Tgt Ion: 97 Resp: 617841

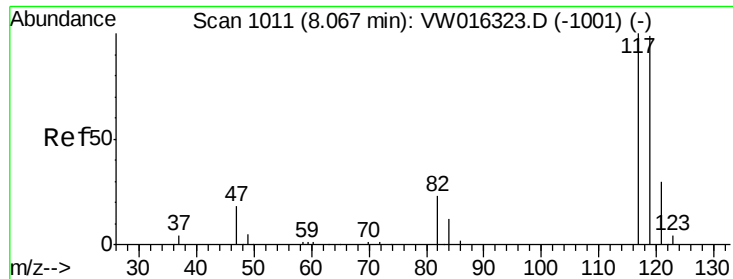
Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 39.7 32.0 48.0





#32

Carbon tetrachloride

Concen: 103.247 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampled :

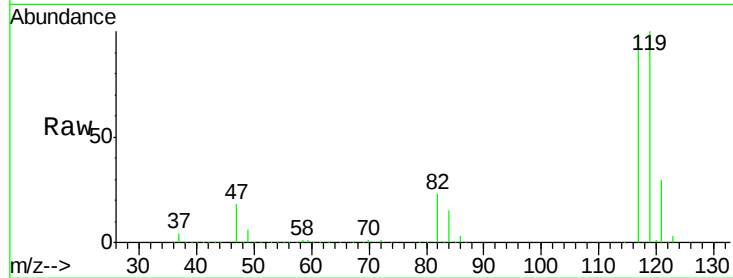
VSTD10006

Tgt Ion:117 Resp: 590379

Ion Ratio Lower Upper

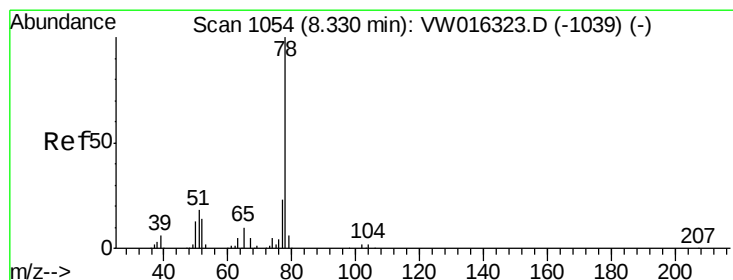
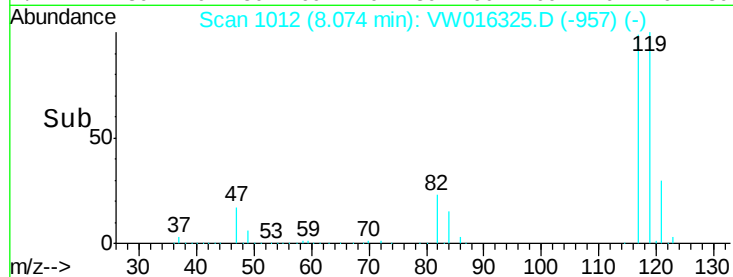
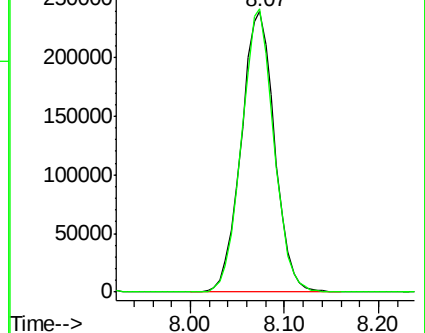
117 100

119 97.6 77.3 115.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 96.671 ug/L

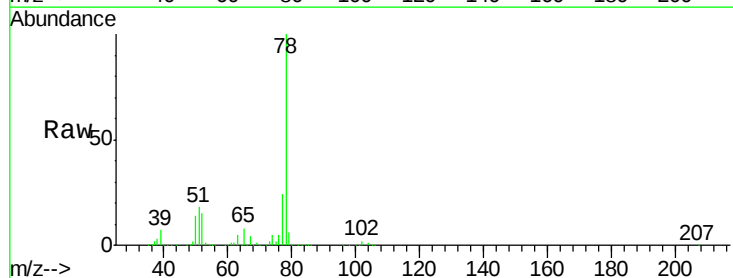
RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

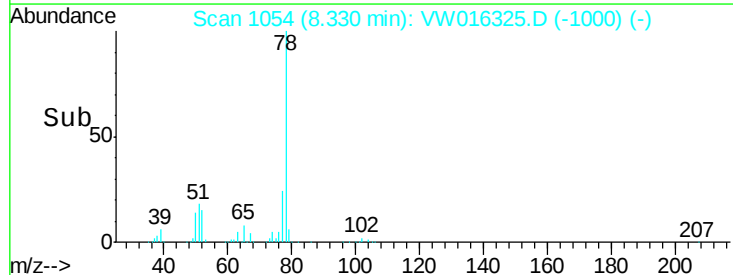
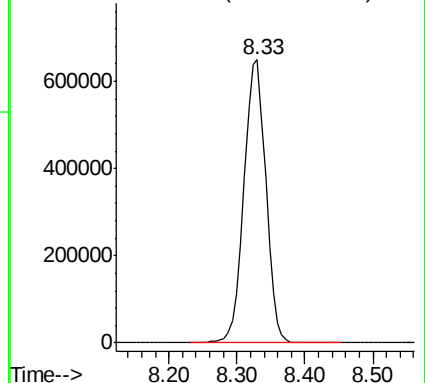
Lab File: VW016325.D

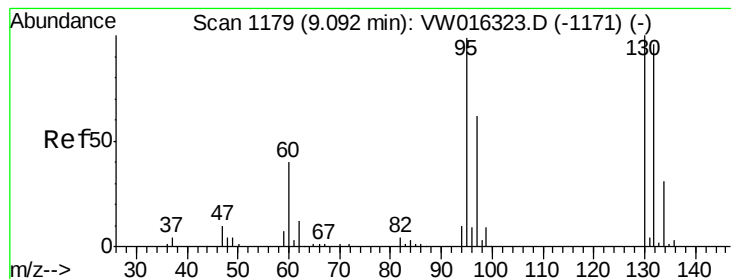
Acq: 24 Aug 2020 12:12

Tgt Ion: 78 Resp: 1451460



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 101.591 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD10006

Tgt Ion: 95 Resp: 414368

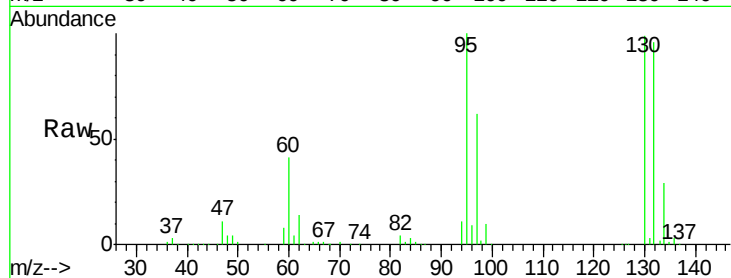
Ion Ratio Lower Upper

95 100

97 64.1 44.9 83.5

132 98.6 68.2 126.6

130 103.1 71.5 132.9

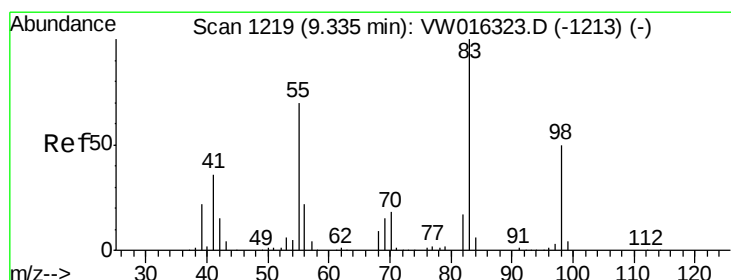
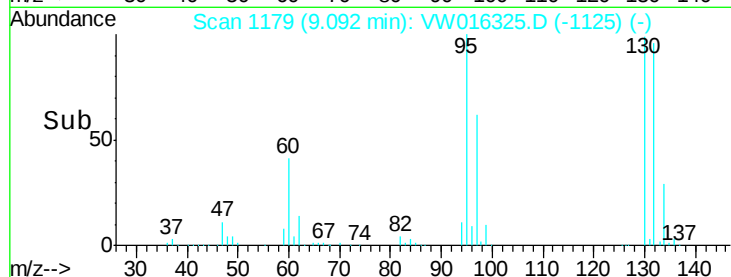
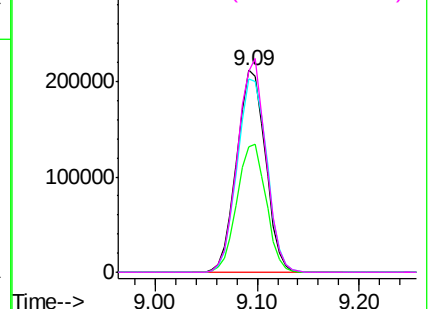


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 103.120 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

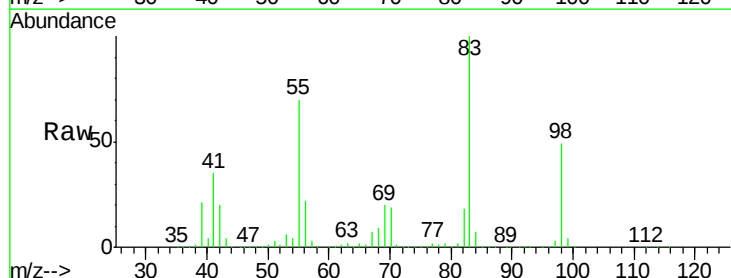
Tgt Ion: 83 Resp: 689694

Ion Ratio Lower Upper

83 100

55 69.8 55.6 83.4

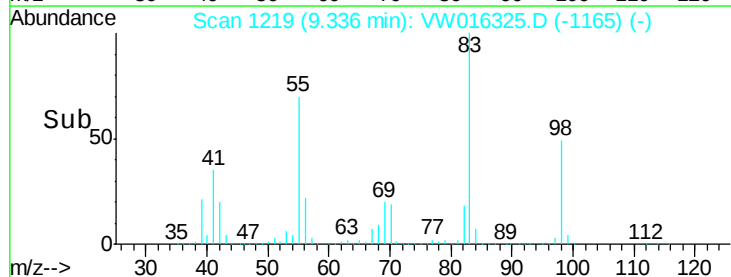
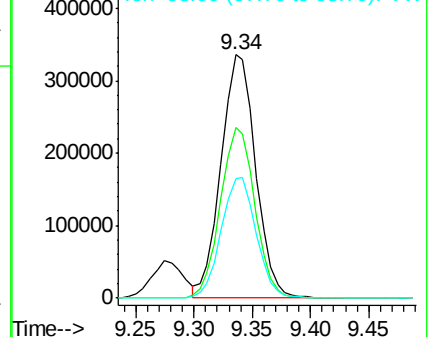
98 50.2 40.6 61.0

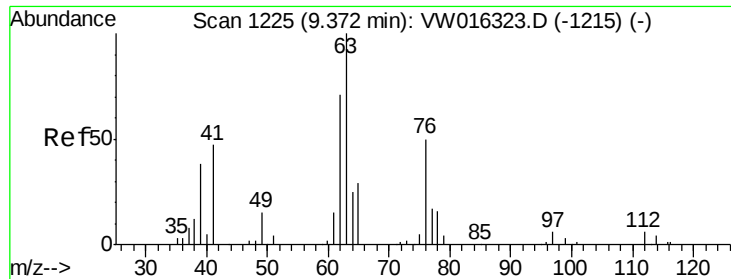


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

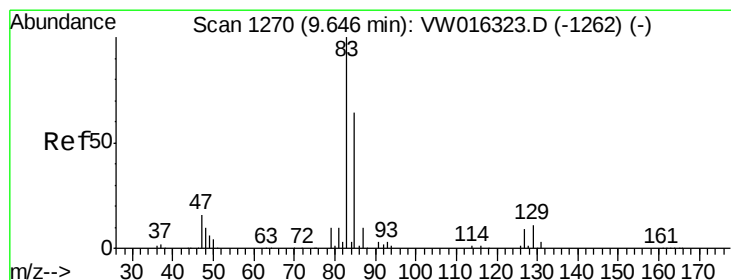
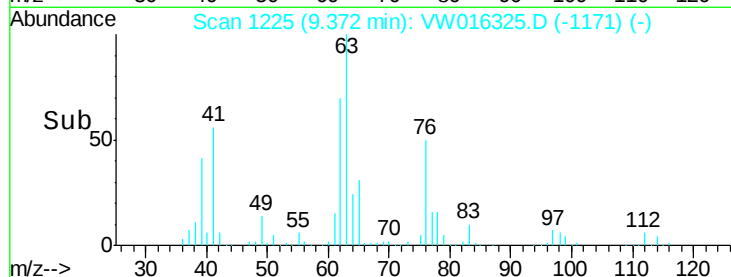
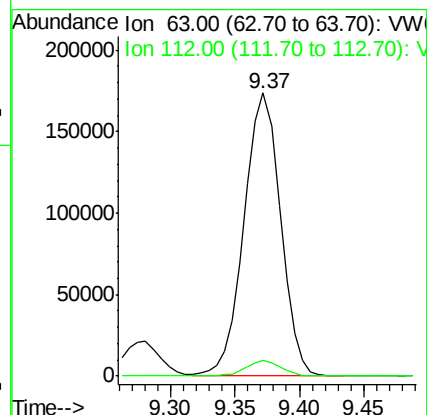
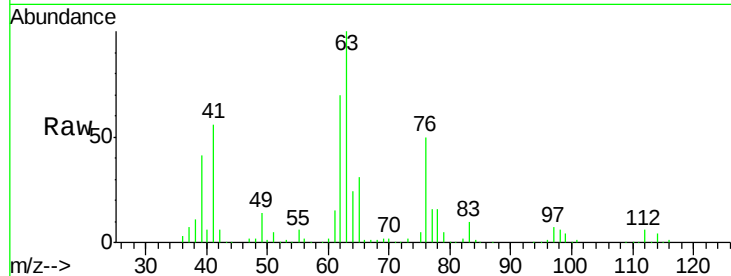




#40
 1,2-Dichloropropane
 Concen: 93.680 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

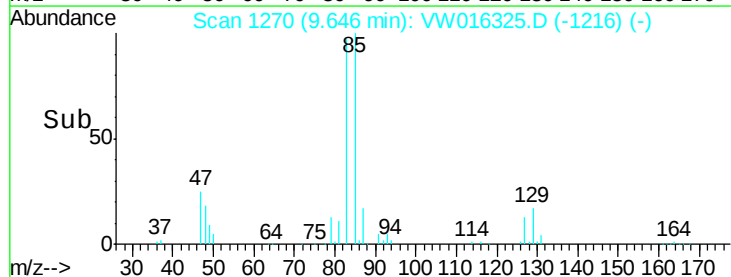
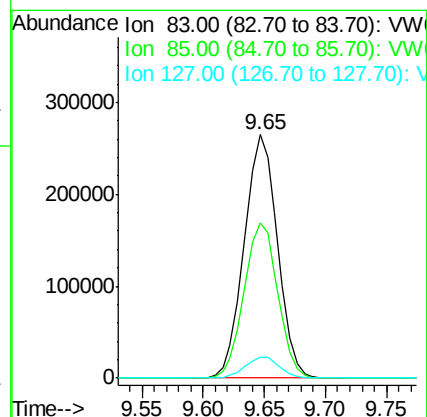
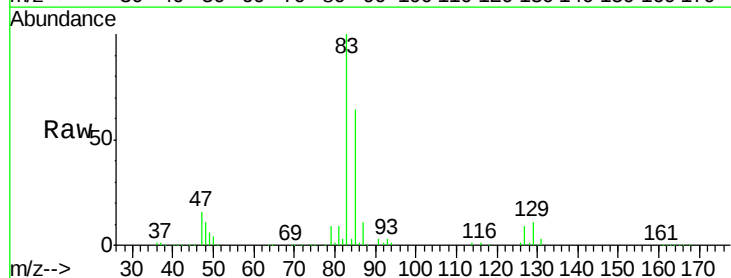
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

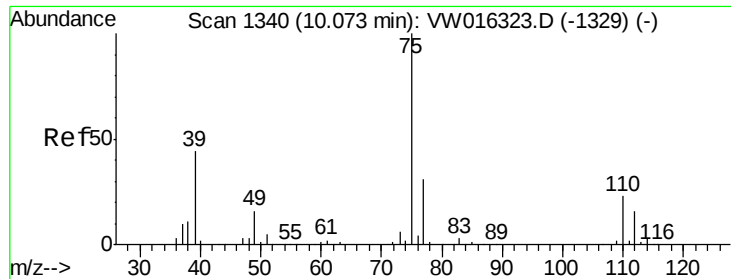
Tgt Ion: 63 Resp: 341816
 Ion Ratio Lower Upper
 63 100
 112 5.4 4.4 6.6



#41
 Bromodichloromethane
 Concen: 98.481 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Tgt Ion: 83 Resp: 500627
 Ion Ratio Lower Upper
 83 100
 85 63.7 44.7 83.1
 127 8.6 7.0 10.4





#42

cis-1,3-Dichloropropene

Concen: 105.432 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

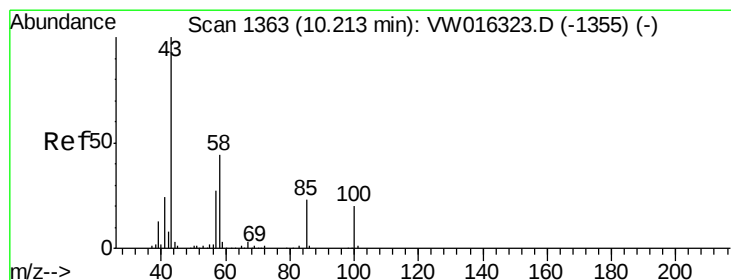
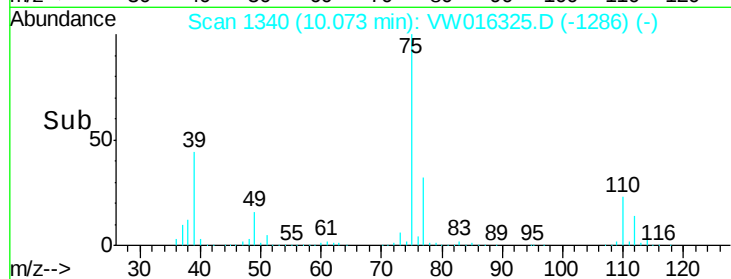
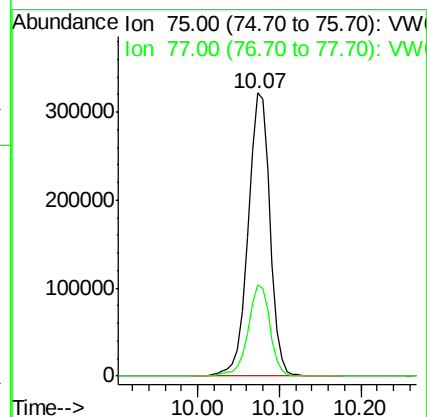
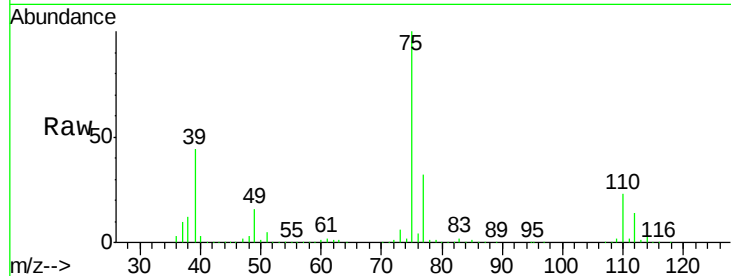
VSTD10006

Tgt Ion: 75 Resp: 596790

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#43

4-Methyl-2-pentanone

Concen: 183.126 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

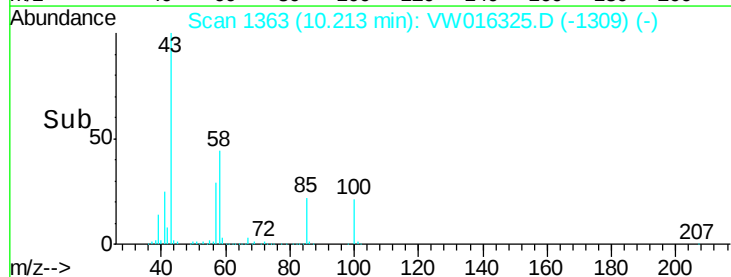
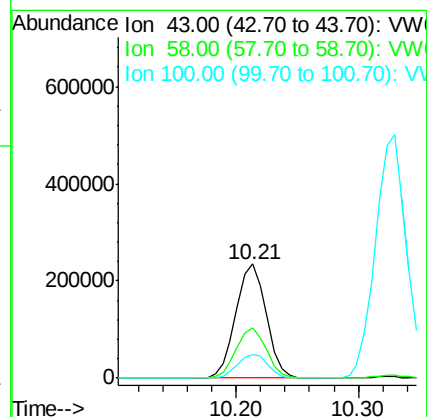
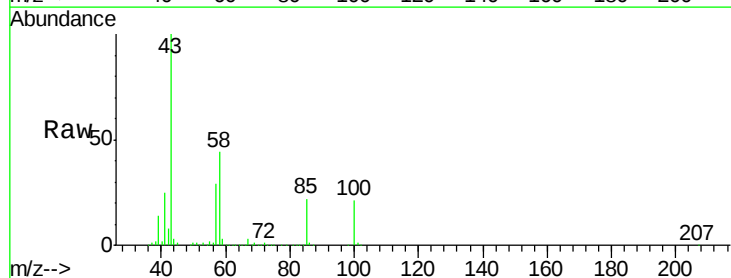
Tgt Ion: 43 Resp: 403376

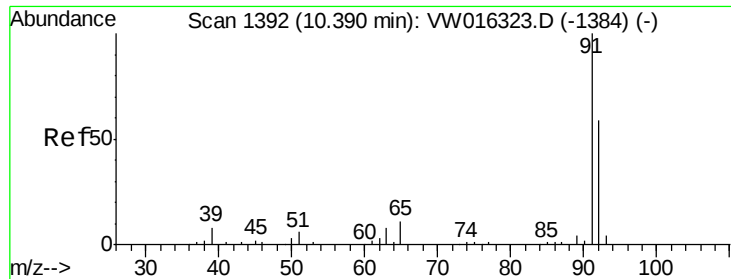
Ion Ratio Lower Upper

43 100

58 43.7 34.9 52.3

100 20.9 15.9 23.9





#44

Toluene

Concen: 100.023 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

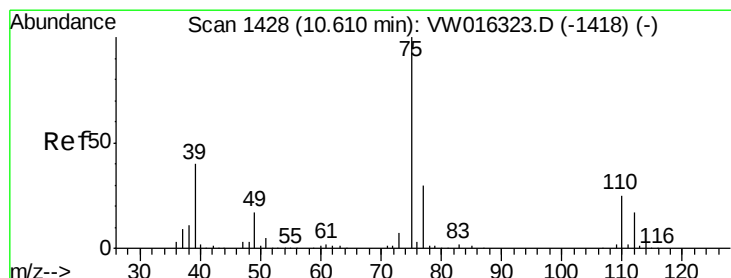
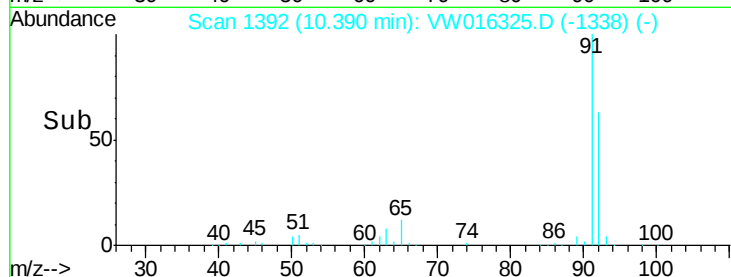
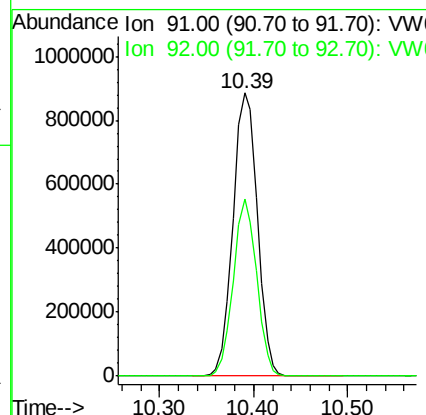
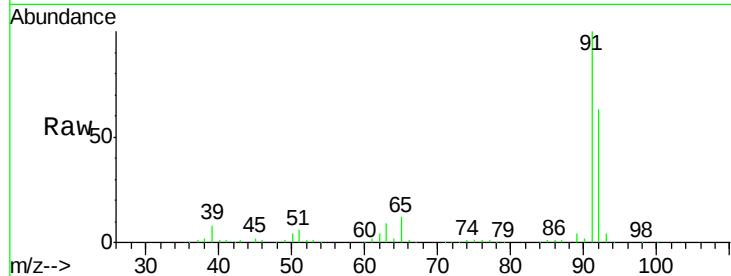
VSTD10006

Tgt Ion: 91 Resp: 1592204

Ion Ratio Lower Upper

91 100

92 62.8 41.5 77.1



#45

trans-1,3-Dichloropropene

Concen: 102.957 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016325.D

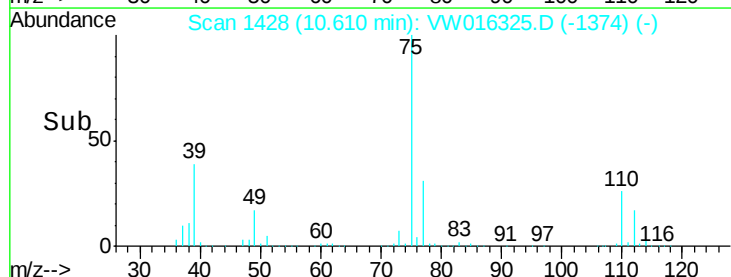
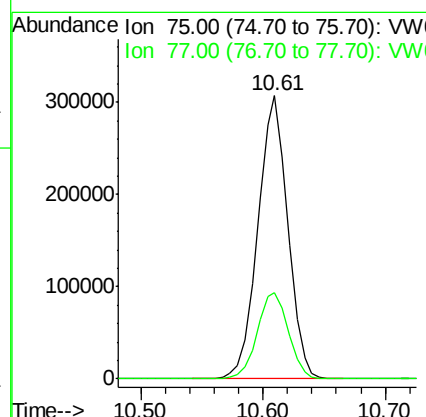
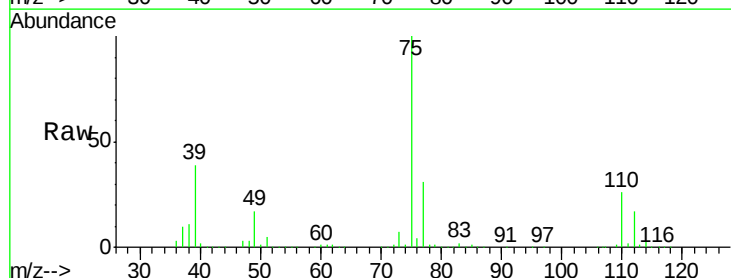
Acq: 24 Aug 2020 12:12

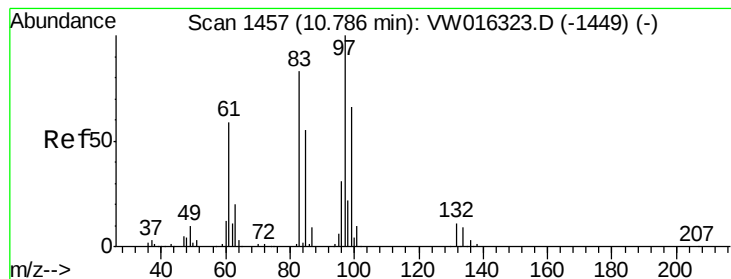
Tgt Ion: 75 Resp: 523718

Ion Ratio Lower Upper

75 100

77 30.6 21.3 39.5

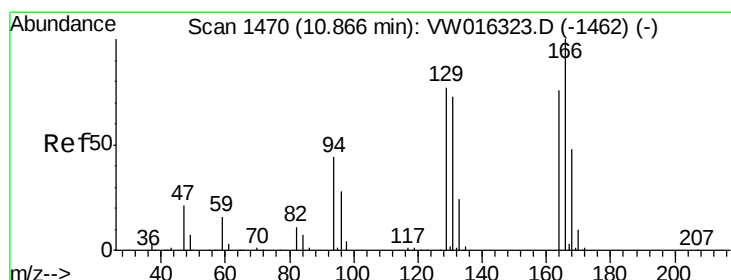
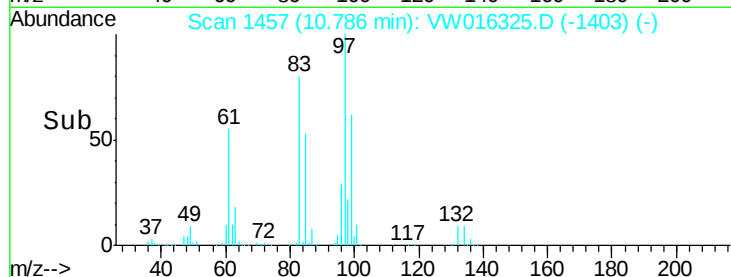
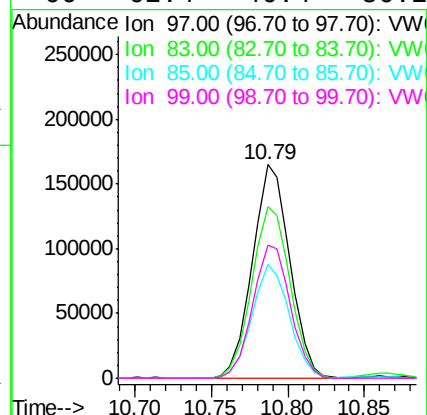
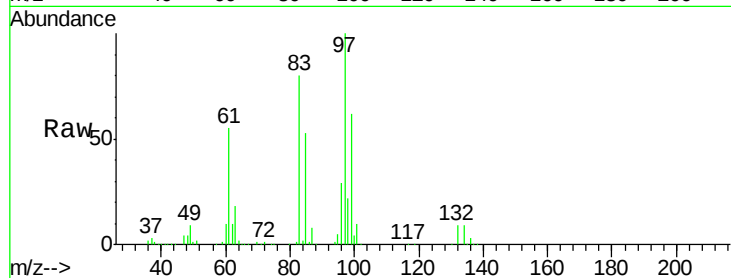




#46
 1,1,2-Trichloroethane
 Concen: 96.230 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

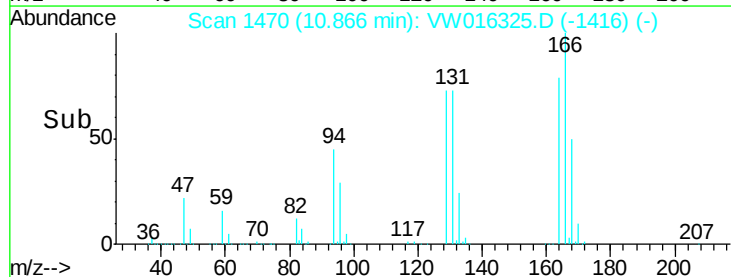
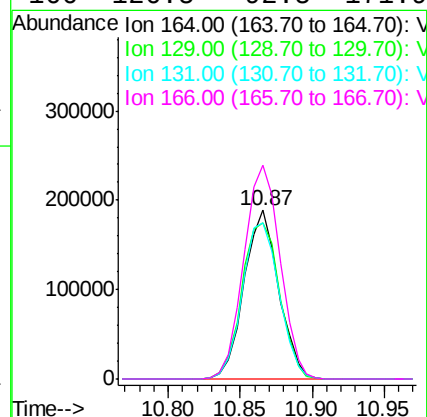
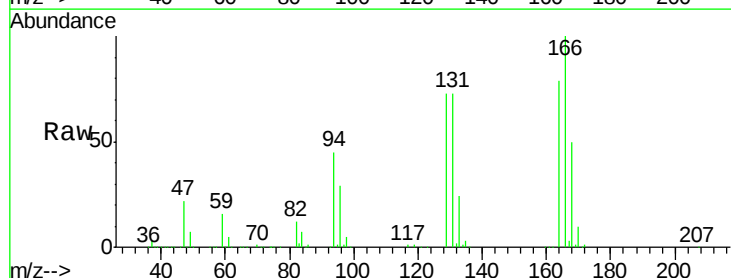
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

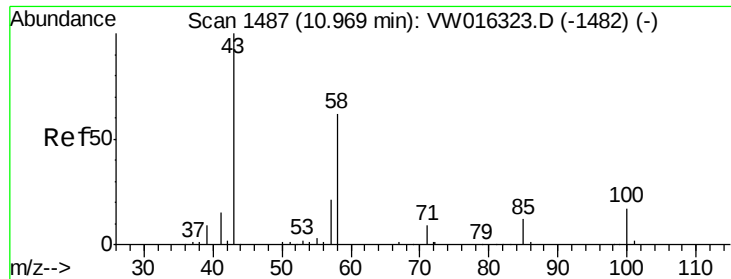
Tgt Ion:	97	Resp:	281547
Ion	Ratio	Lower	Upper
97	100		
83	80.4	57.9	107.5
85	53.3	38.8	72.0
99	62.4	46.4	86.2



#47
 Tetrachloroethene
 Concen: 101.424 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Tgt Ion:	164	Resp:	313747
Ion	Ratio	Lower	Upper
164	100		
129	92.6	71.5	132.7
131	92.2	67.4	125.2
166	126.5	92.5	171.9

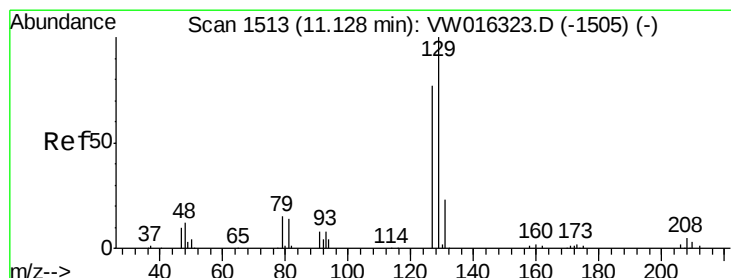
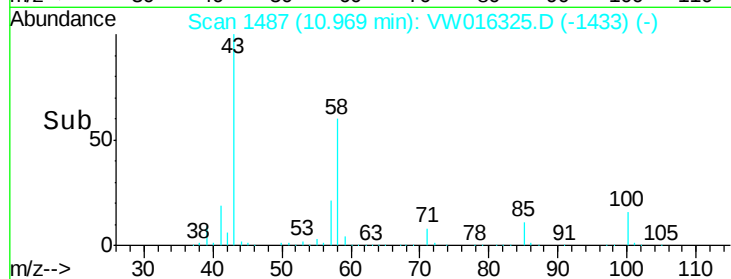
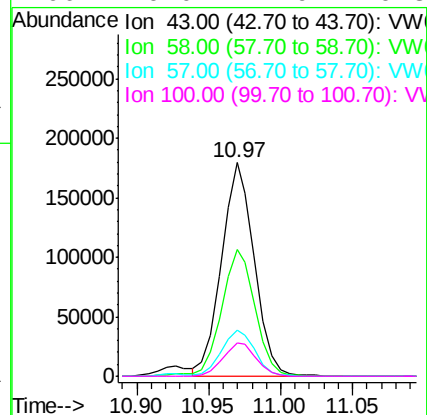
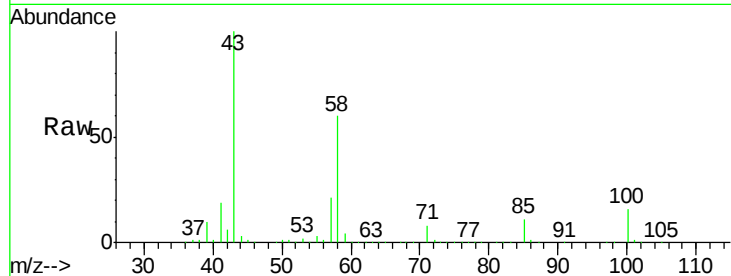




#49
2-Hexanone
Concen: 193.667 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

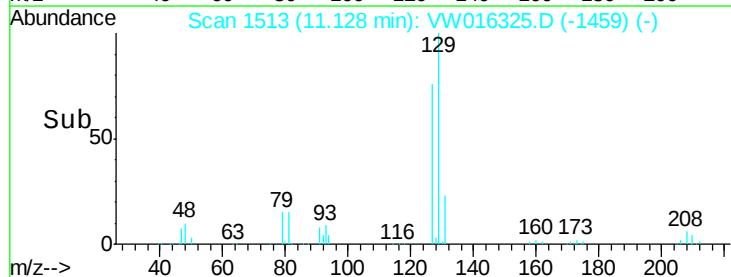
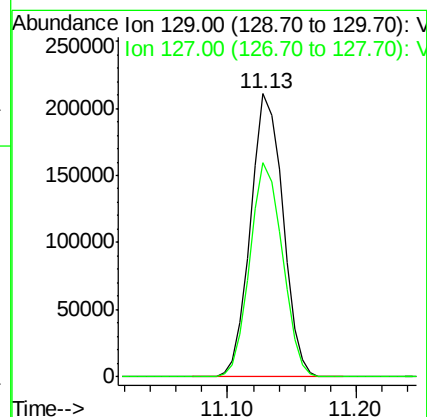
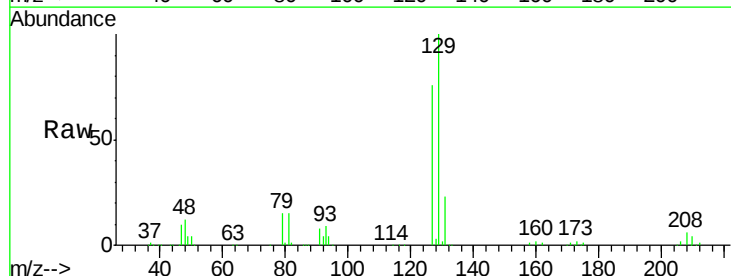
Instrument :
MSVOA_W
ClientSampleId :
VSTD10006

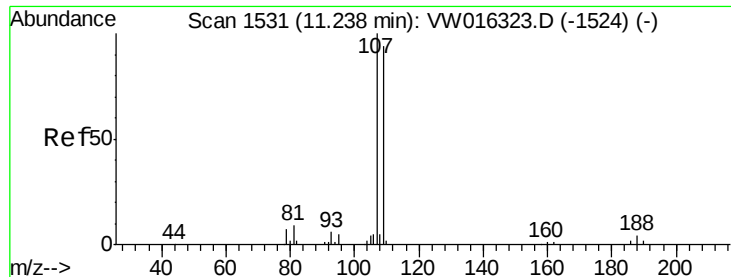
Tgt Ion: 43 Resp: 285463
Ion Ratio Lower Upper
43 100
58 60.0 49.5 74.3
57 22.0 17.7 26.5
100 16.0 12.9 19.3



#50
Dibromochloromethane
Concen: 104.786 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

Tgt Ion: 129 Resp: 366008
Ion Ratio Lower Upper
129 100
127 75.9 53.8 99.8





#51

1,2-Dibromoethane

Concen: 100.275 ug/L

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD10006

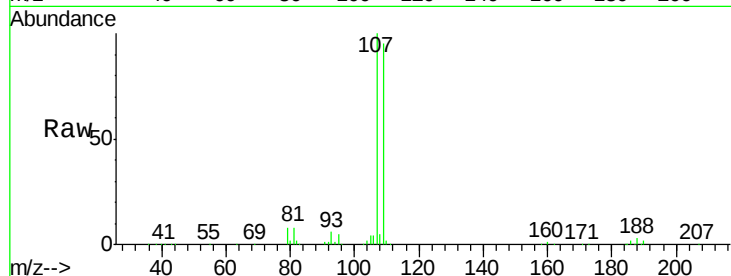
Tgt Ion:107 Resp: 279468

Ion Ratio Lower Upper

107 100

109 95.4 65.7 121.9

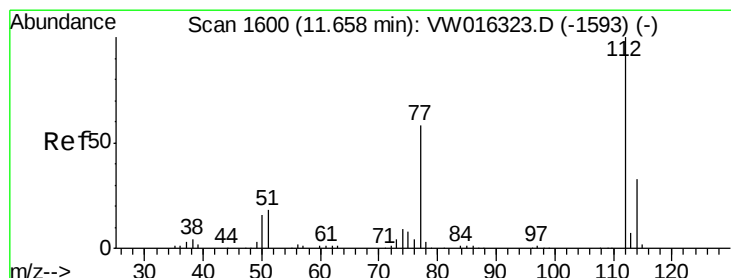
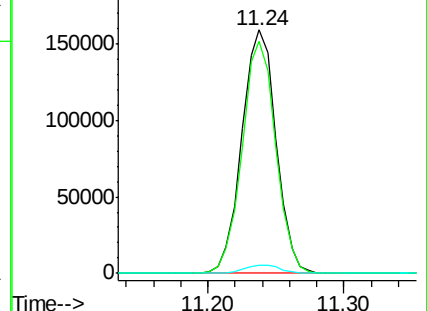
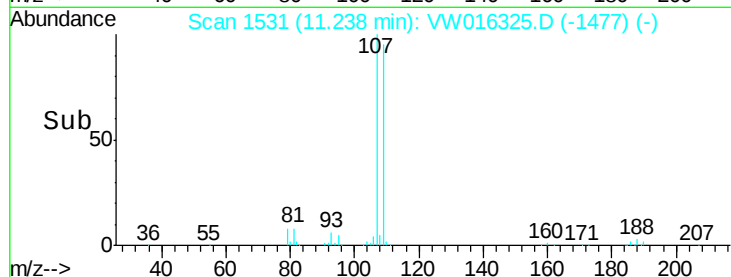
188 3.4 3.3 4.9



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



#52

Chlorobenzene

Concen: 100.455 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

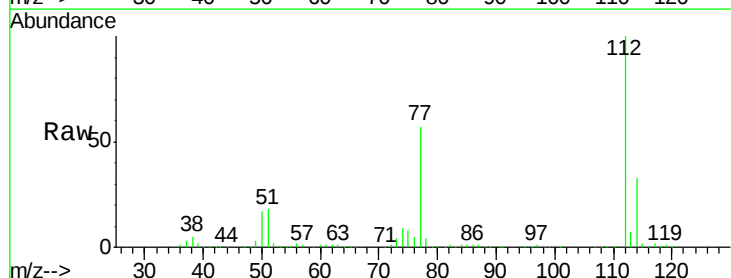
Tgt Ion:112 Resp: 1065224

Ion Ratio Lower Upper

112 100

77 56.7 46.9 70.3

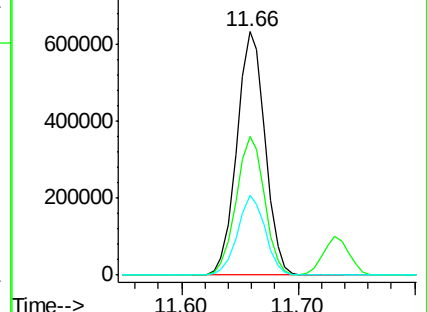
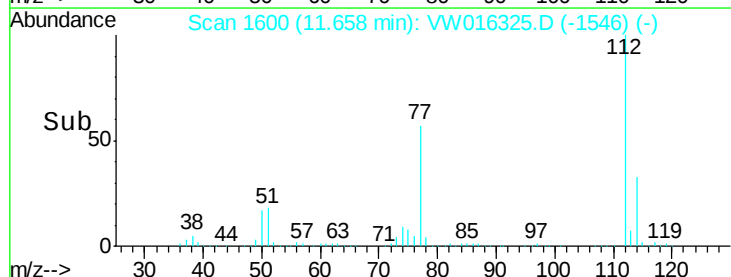
114 32.6 23.3 43.3

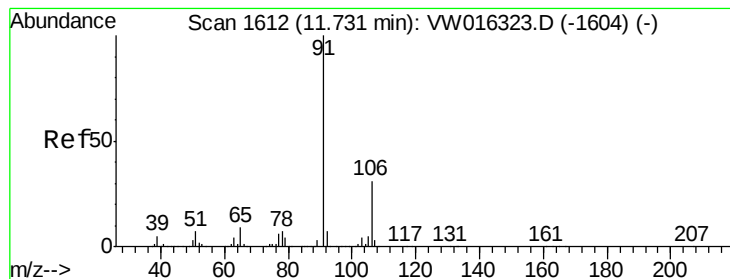


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 102.589 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

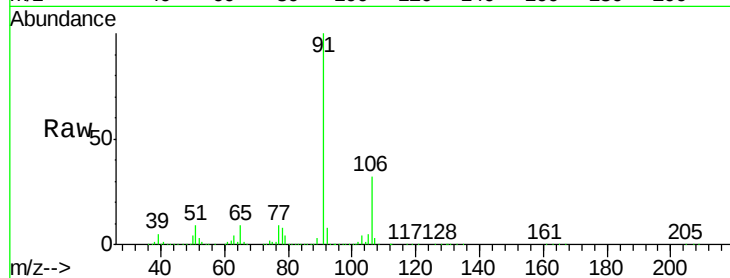
VSTD10006

Tgt Ion: 91 Resp: 1856946

Ion Ratio Lower Upper

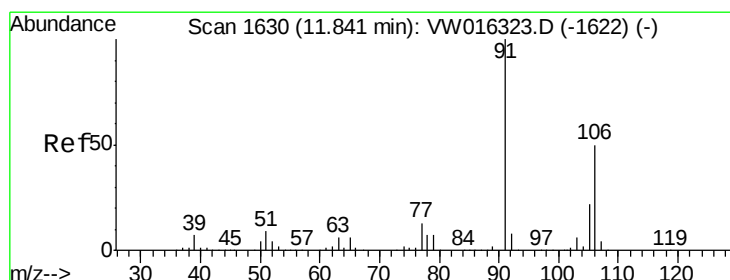
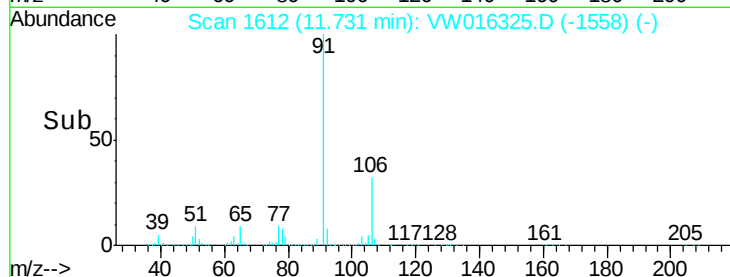
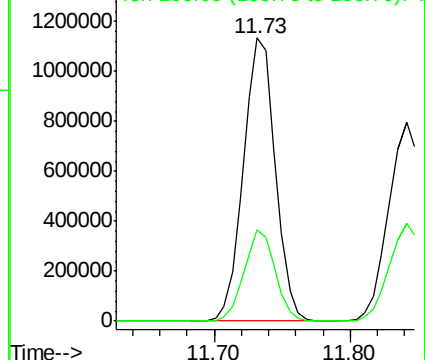
91 100

106 32.5 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#54

m,p-Xylene

Concen: 104.022 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016325.D

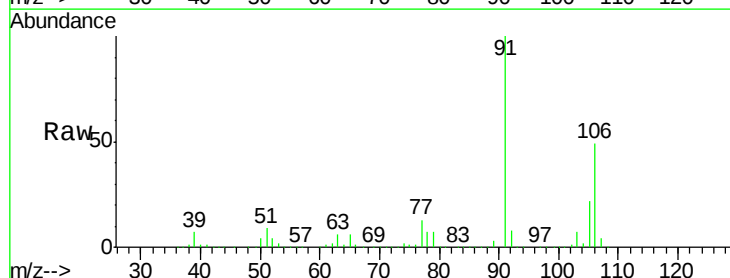
Acq: 24 Aug 2020 12:12

Tgt Ion: 106 Resp: 712318

Ion Ratio Lower Upper

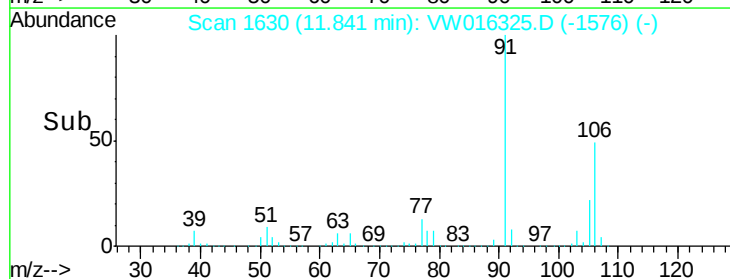
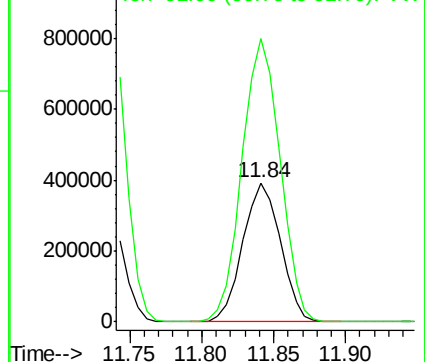
106 100

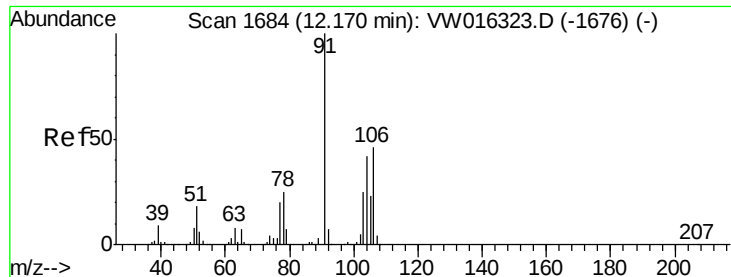
91 203.5 138.8 257.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

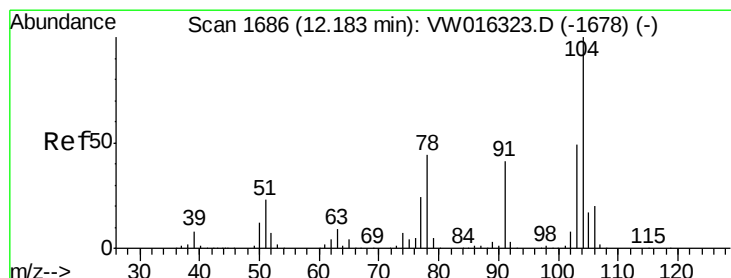
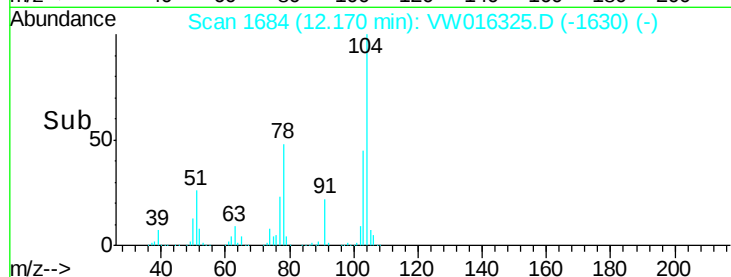
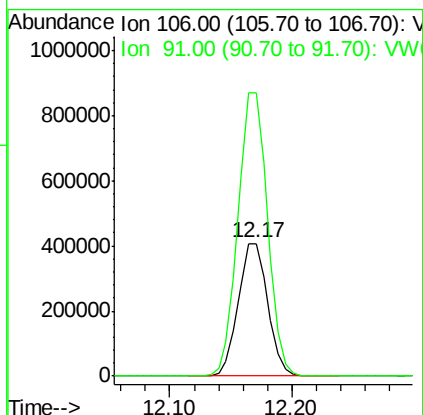
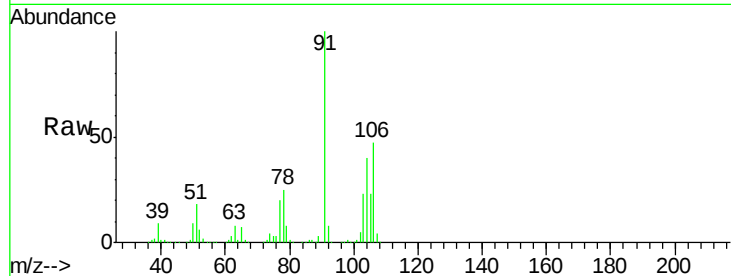




#55
o-xylene
Concen: 105.599 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

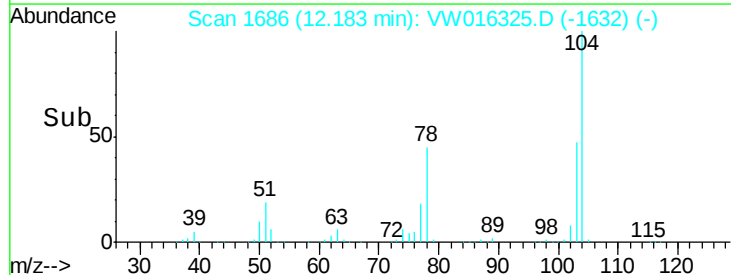
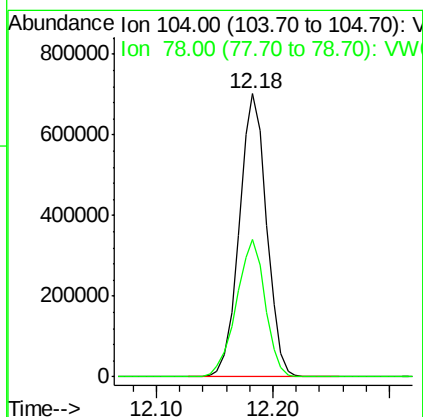
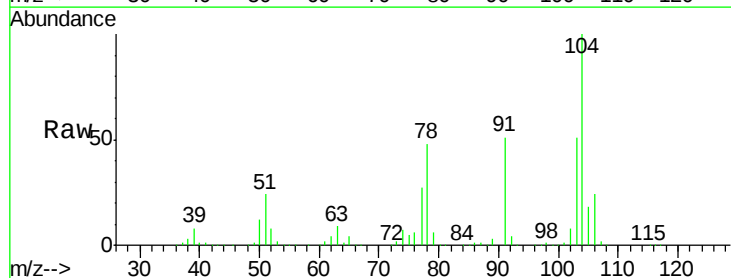
Instrument :
MSVOA_W
ClientSampled :
VSTD10006

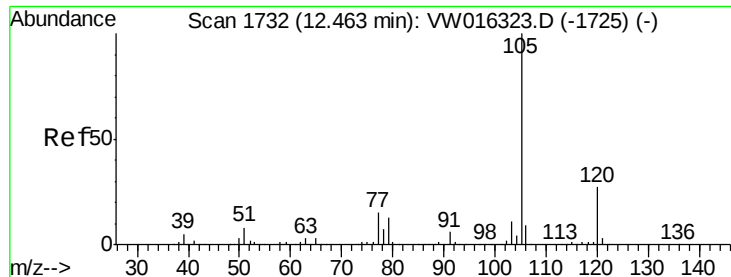
Tgt Ion:106 Resp: 678345
Ion Ratio Lower Upper
106 100
91 213.5 151.3 281.1



#56
Styrene
Concen: 103.112 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016325.D
Acq: 24 Aug 2020 12:12

Tgt Ion:104 Resp: 1144073
Ion Ratio Lower Upper
104 100
78 48.4 30.9 57.5





#57

Isopropylbenzene

Concen: 108.147 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampled :

VSTD10006

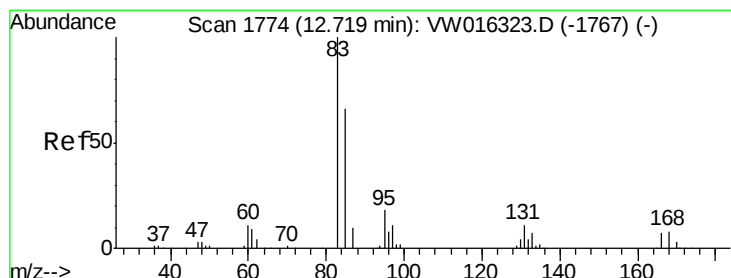
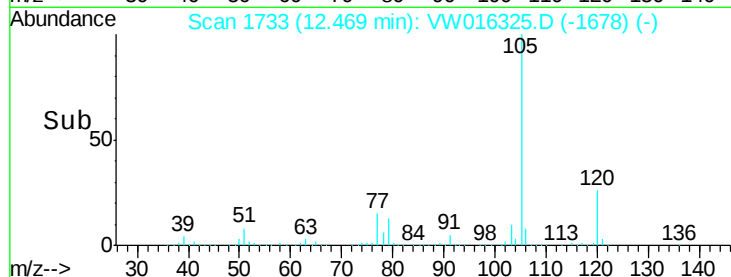
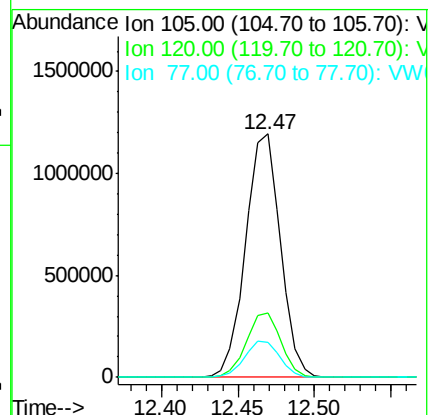
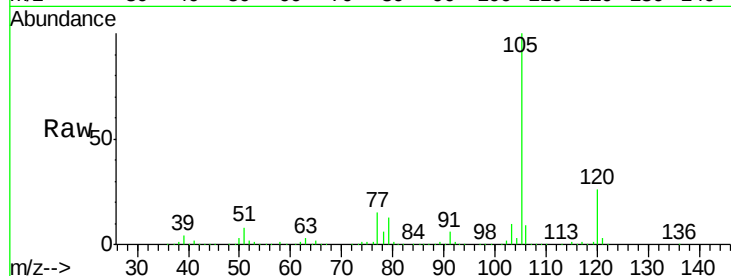
Tgt Ion: 105 Resp: 1884958

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 14.9 12.2 18.4



#58

1,1,2,2-Tetrachloroethane

Concen: 95.046 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

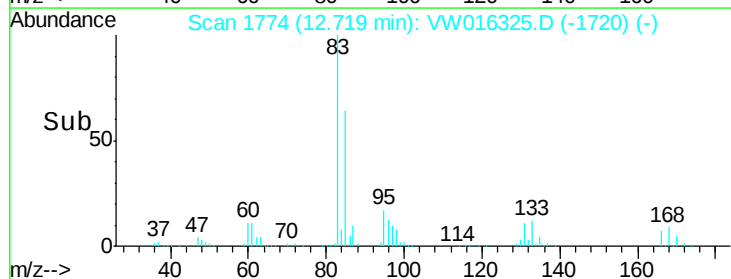
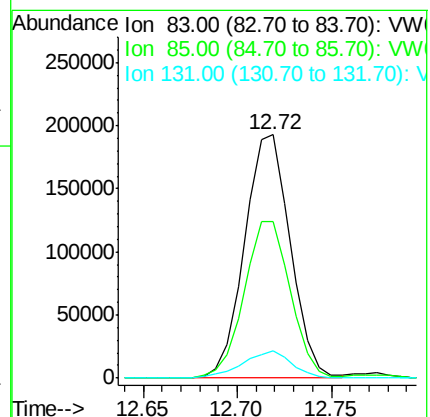
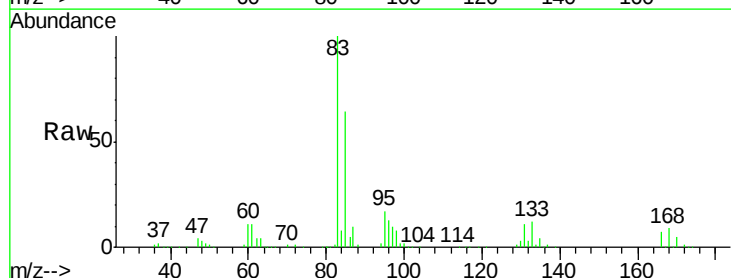
Tgt Ion: 83 Resp: 324772

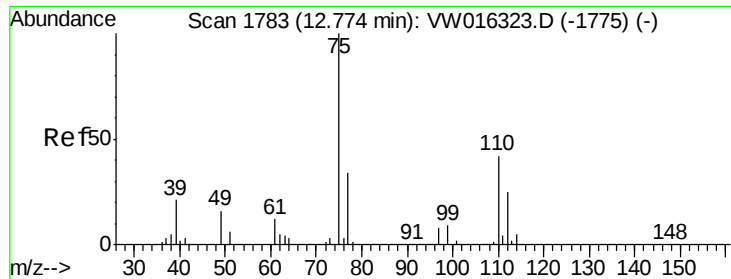
Ion Ratio Lower Upper

83 100

85 64.4 46.0 85.4

131 11.3 8.8 13.2





#59

1,2,3-Trichloropropane

Concen: 92.938 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

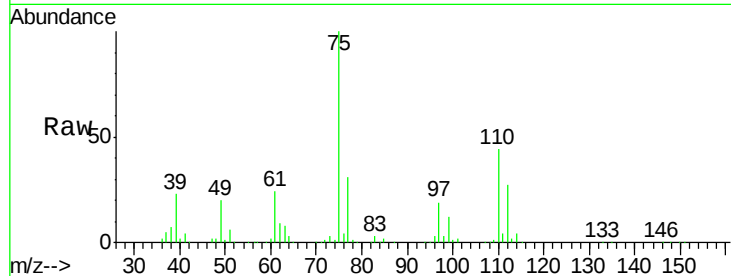
VSTD10006

Tgt Ion: 75 Resp: 239560

Ion Ratio Lower Upper

75 100

77 31.7 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

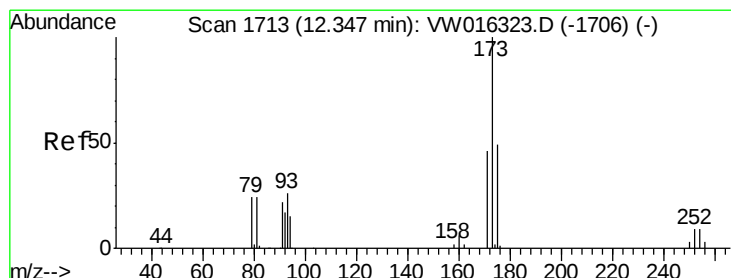
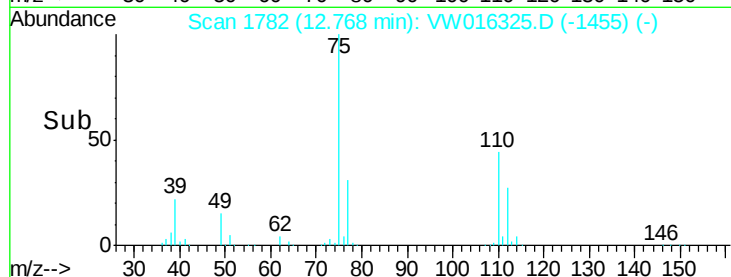
150000

100000

50000

0

Time--> 12.70 12.75 12.80



#62

Bromoform

Concen: 107.705 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

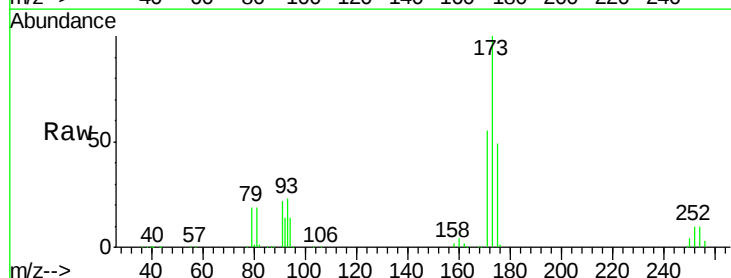
Tgt Ion: 173 Resp: 199994

Ion Ratio Lower Upper

173 100

175 49.6 39.0 58.4

254 8.9 6.9 10.3



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

12.35

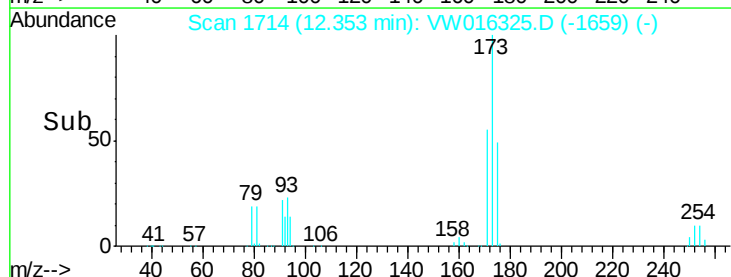
150000

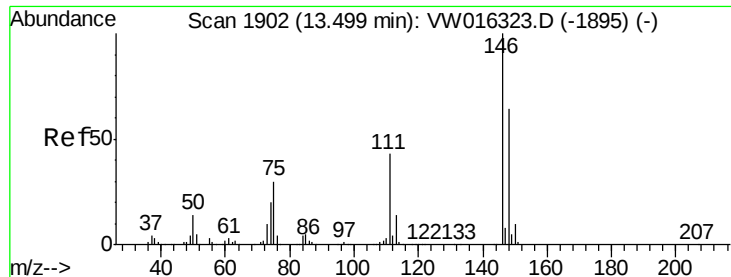
100000

50000

0

Time--> 12.30 12.35 12.40

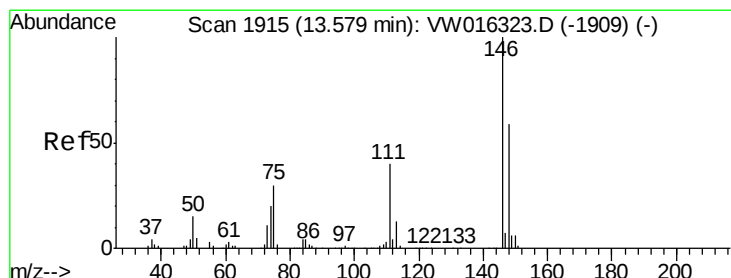
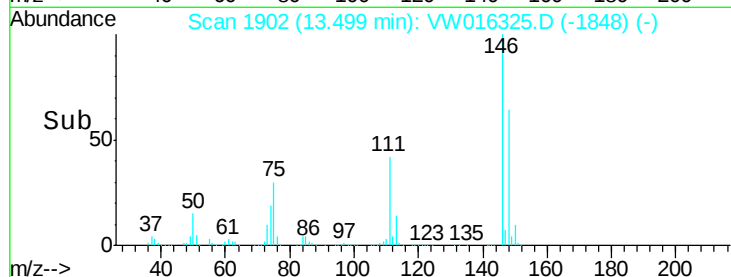
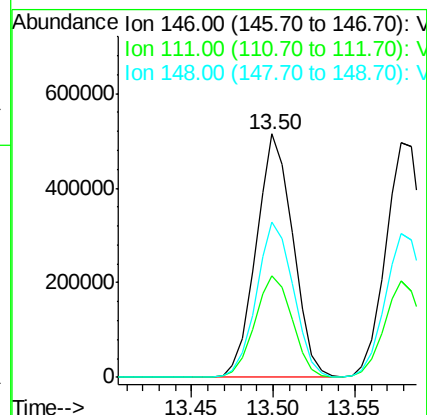
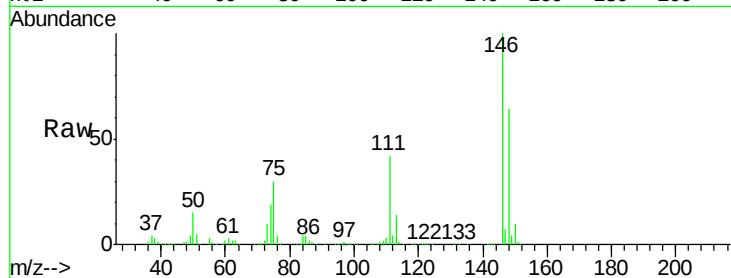




#63
 1,3-Dichlorobenzene
 Concen: 105.400 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

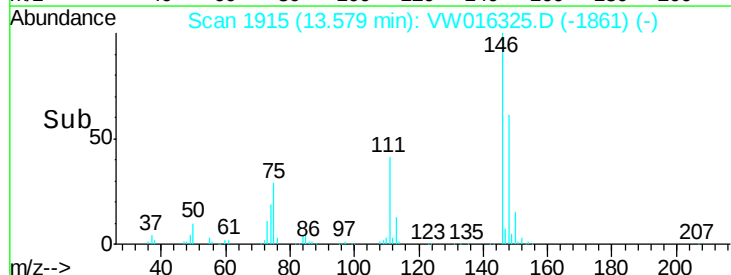
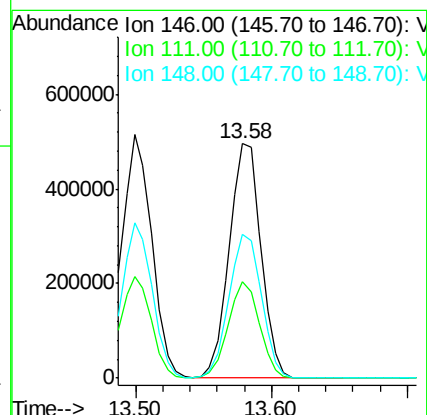
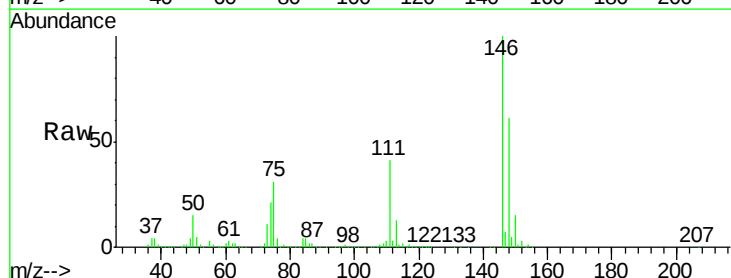
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

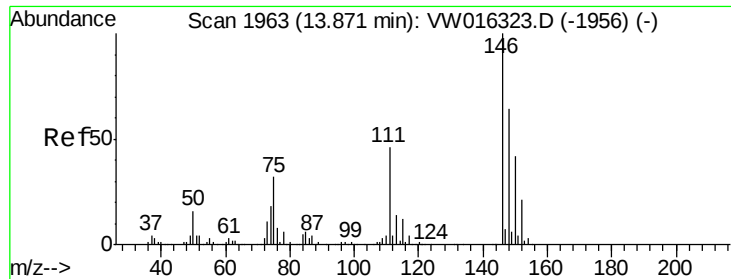
Tgt Ion:146 Resp: 808922
 Ion Ratio Lower Upper
 146 100
 111 42.0 30.2 56.2
 148 64.0 45.1 83.7



#64
 1,4-Dichlorobenzene
 Concen: 102.406 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Tgt Ion:146 Resp: 805662
 Ion Ratio Lower Upper
 146 100
 111 41.4 28.0 52.0
 148 61.4 41.4 76.8

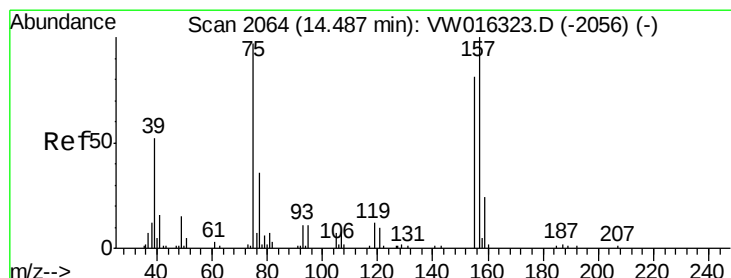
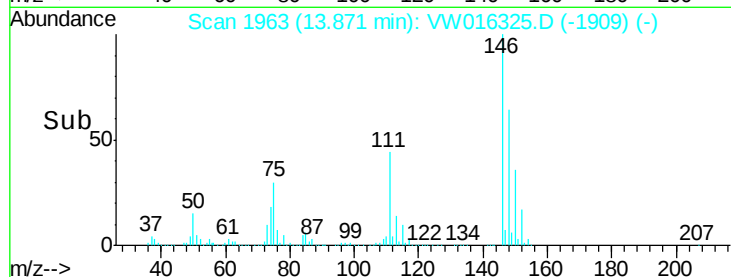
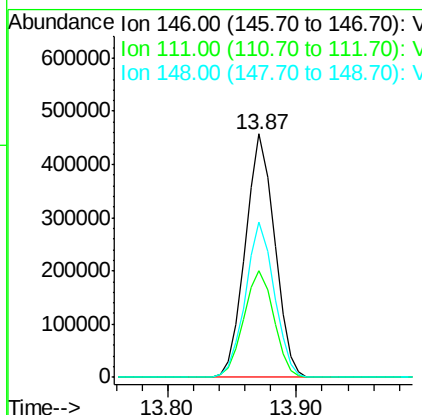
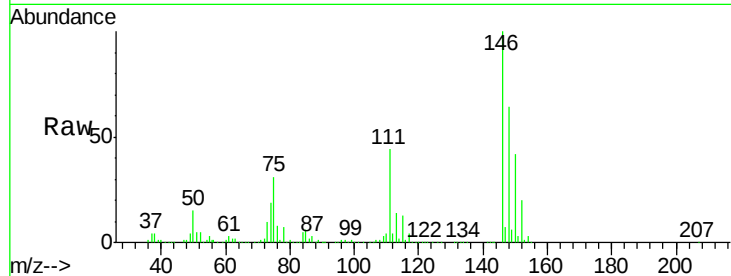




#65
 1,2-Dichlorobenzene
 Concen: 102.138 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

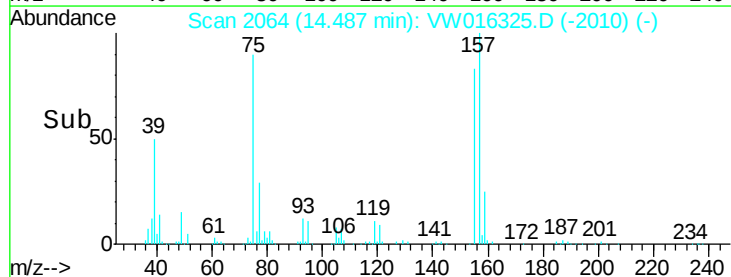
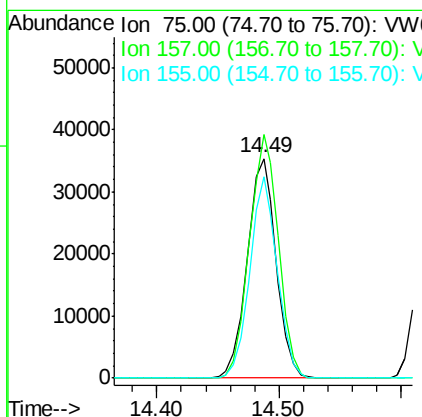
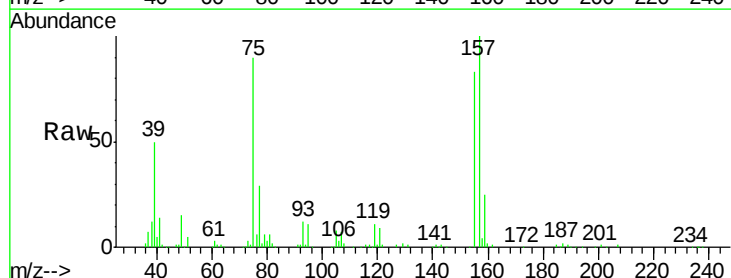
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

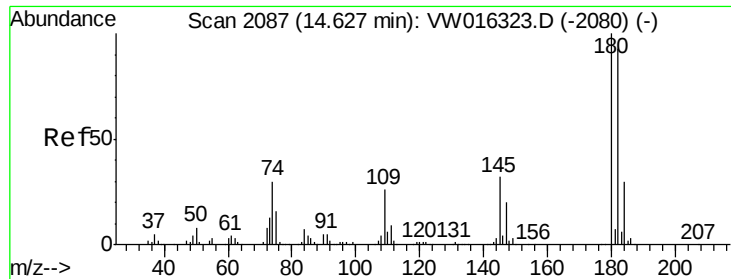
Tgt Ion: 146 Resp: 716759
 Ion Ratio Lower Upper
 146 100
 111 43.8 36.9 55.3
 148 63.6 51.4 77.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 94.693 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Tgt Ion: 75 Resp: 57958
 Ion Ratio Lower Upper
 75 100
 157 111.0 82.2 123.4
 155 91.9 66.8 100.2

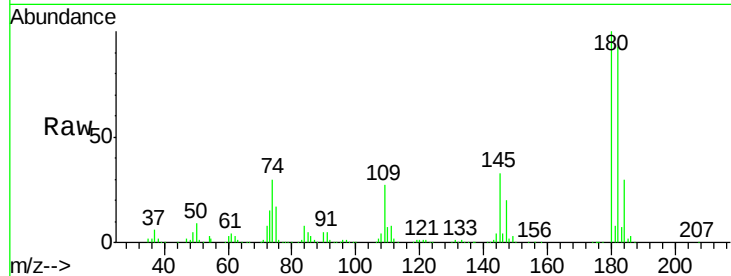




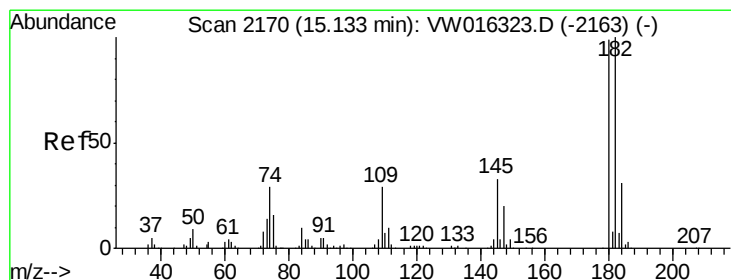
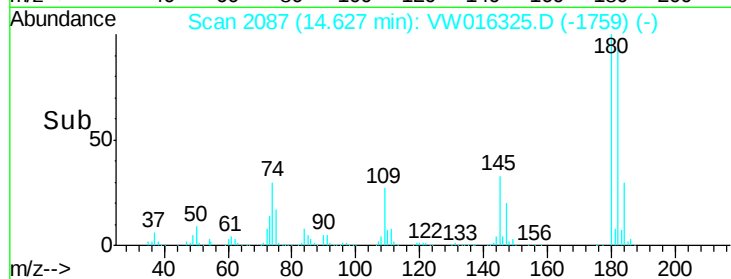
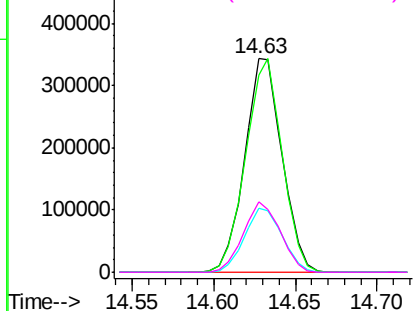
#67
 1,3,5-Trichlorobenzene
 Concen: 109.880 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Tgt Ion:180 Resp: 547094
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.4 116.2
 184 30.5 24.4 36.6
 145 32.8 25.6 38.4

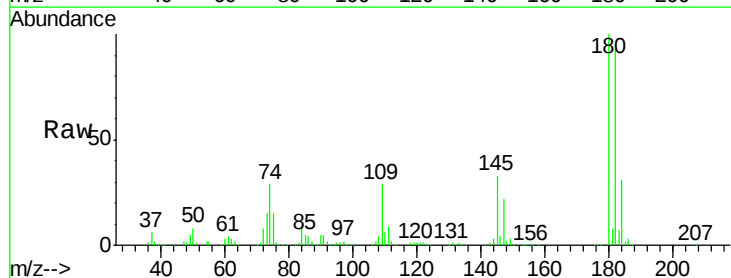


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

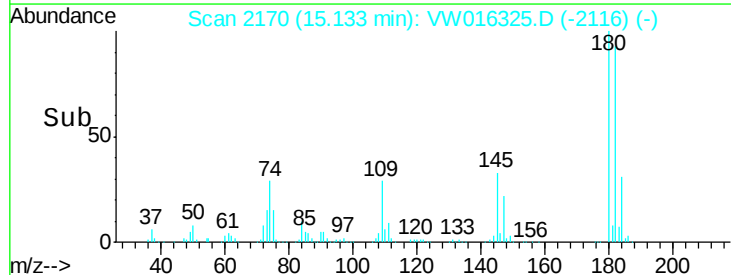
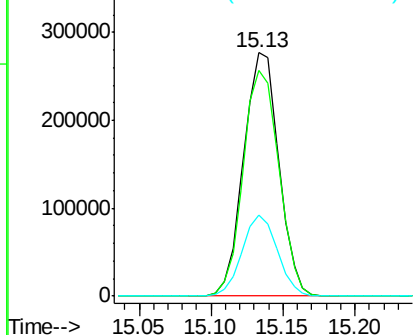


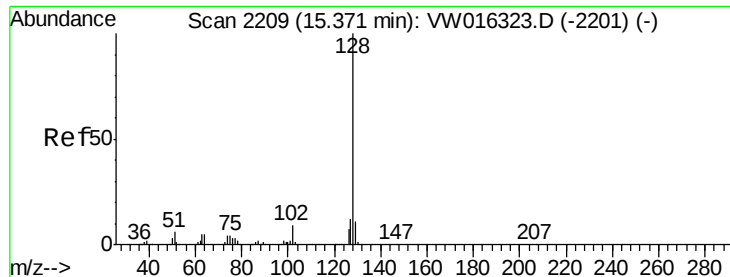
#68
 1,2,4-trichlorobenzene
 Concen: 115.660 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016325.D
 Acq: 24 Aug 2020 12:12

Tgt Ion:180 Resp: 468894
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.5 114.7
 145 33.2 26.0 39.0



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





#69

Naphthalene

Concen: 115.613 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTD10006

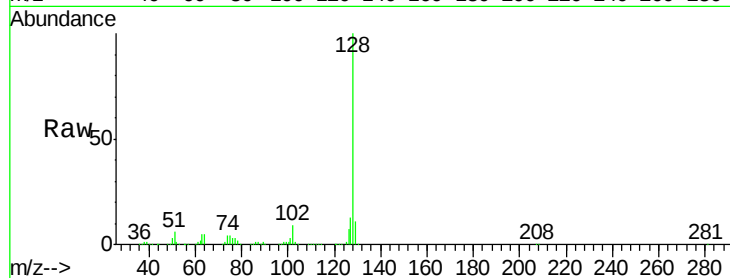
Tgt Ion:128 Resp: 977609

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

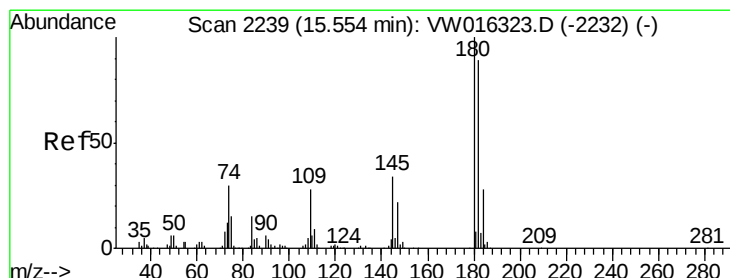
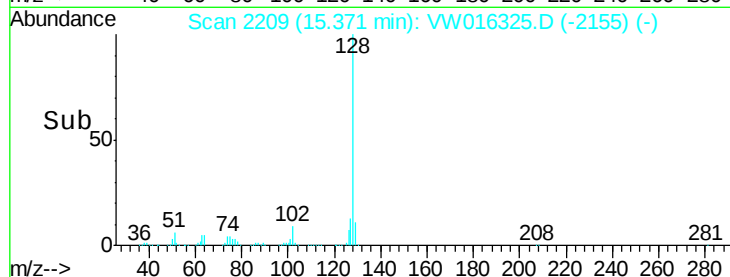
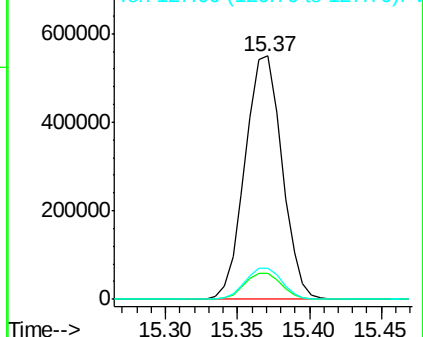
127 13.0 10.3 15.5



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: 109.408 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW016325.D

Acq: 24 Aug 2020 12:12

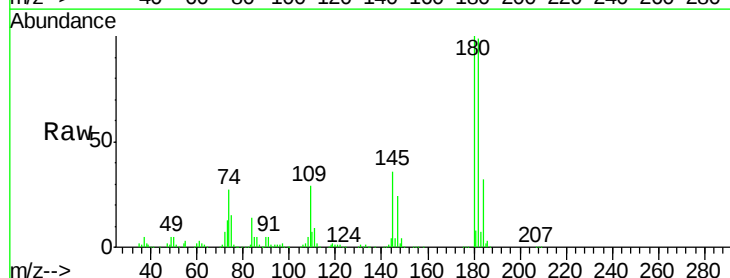
Tgt Ion:180 Resp: 397558

Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.4

145 36.9 28.6 42.8



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

