

Data File : VY000533.D
Acq On : 05 Nov 2019 10:50
Operator : SY/MD
Sample : VSTD05080
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

Quant Time: Nov 06 04:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 04:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	369585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	348116	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	173652	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	267497	47.51	ug/L	0.00
7) Chloroethane-d5	2.76	69	224083	45.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	459797	47.06	ug/L	0.00
21) 2-Butanone-d5	6.90	46	243748	98.60	ug/L	-0.01
24) Chloroform-d	7.49	84	452021	46.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	270519	46.52	ug/L	0.00
32) Benzene-d6	8.12	84	939196	46.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	286886	46.76	ug/L	0.00
41) Toluene-d8	10.18	98	865294	46.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	149417	48.26	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	200175	104.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	325552	49.02	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	314023	46.30	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	229431	44.666	ug/L	98
3) Chloromethane	2.12	50	310143	45.983	ug/L	99
5) Vinyl chloride	2.25	62	304426	48.339	ug/L	98
6) Bromomethane	2.65	94	143385	49.732	ug/L	89
8) Chloroethane	2.79	64	187250	48.179	ug/L	96
9) Trichlorofluoromethane	3.13	101	419011	47.152	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	243909	47.272	ug/L	99
12) 1,1-Dichloroethene	3.88	96	235448	47.960	ug/L	94
13) Acetone	3.95	43	194608	82.513	ug/L	97
14) Carbon disulfide	4.19	76	774314	49.736	ug/L	99
15) Methyl Acetate	4.49	43	206849	49.204	ug/L	100
16) Methylene chloride	4.72	84	264682	43.918	ug/L	96
17) trans-1,2-Dichloroethene	5.23	96	265773	48.717	ug/L	93
18) Methyl tert-butyl Ether	5.23	73	766568	49.310	ug/L	100
19) 1,1-Dichloroethane	6.03	63	460811	48.189	ug/L	96
20) cis-1,2-Dichloroethene	7.00	96	294035	48.142	ug/L	94
22) 2-Butanone	7.00	43	329727	91.247	ug/L	98
23) Bromochloromethane	7.35	128	133207	48.515	ug/L	97
25) Chloroform	7.52	83	480552	48.659	ug/L	97
27) 1,2-Dichloroethane	8.25	62	347672	49.283	ug/L	98
29) Cyclohexane	7.79	56	467239	49.136	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	412434	49.115	ug/L	99
31) Carbon tetrachloride	7.91	117	371366	47.957	ug/L	99
33) Benzene	8.17	78	1098784	48.059	ug/L	100
34) Trichloroethene	8.94	95	289321	47.952	ug/L	93
35) Methylcyclohexane	9.19	83	508263	49.041	ug/L	99
37) 1,2-Dichloropropane	9.22	63	280054	48.012	ug/L	99
38) Bromodichloromethane	9.50	83	365743	49.283	ug/L	98
39) cis-1,3-Dichloropropene	9.93	75	468201	50.093	ug/L	99
40) 4-Methyl-2-pentanone	10.08	43	636533	99.029	ug/L	99

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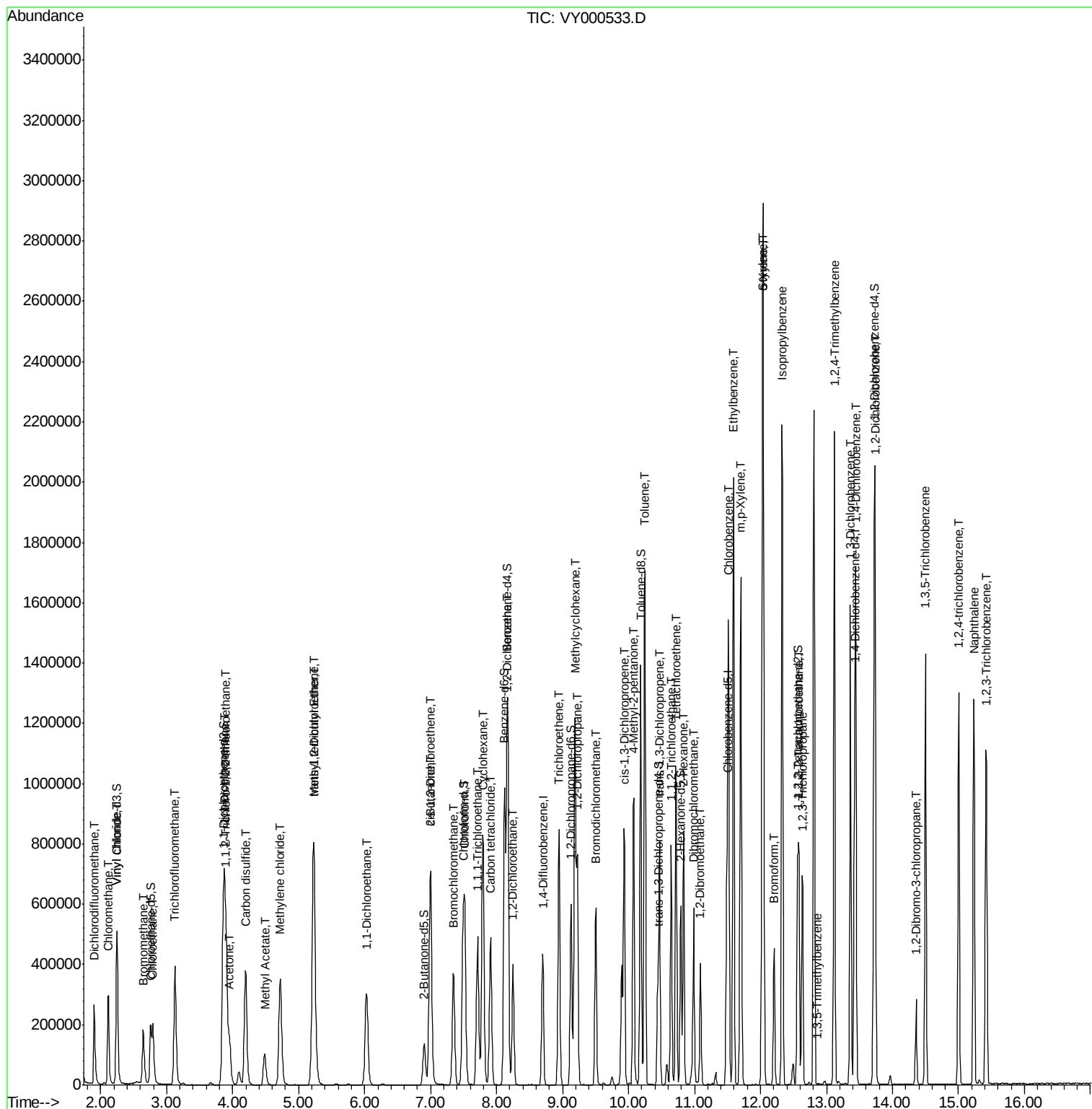
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.25	91	1198176	49.073	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	415078	50.252	ug/L	99
45) 1,1,2-Trichloroethane	10.65	97	242187	48.910	ug/L	95
46) Tetrachloroethene	10.72	164	219015	47.552	ug/L	95
48) 2-Hexanone	10.83	43	499237	99.354	ug/L	98
49) Dibromochloromethane	10.99	129	285401	51.152	ug/L	97
50) 1,2-Dibromoethane	11.09	107	244646	48.852	ug/L #	95
51) Chlorobenzene	11.52	112	753539	48.317	ug/L	99
52) Ethylbenzene	11.59	91	1391836	49.970	ug/L	99
53) m,p-Xylene	11.70	106	531934	49.838	ug/L	98
54) o-Xylene	12.03	106	524461	50.595	ug/L	98
55) Styrene	12.04	104	913193	52.093	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	341395	50.862	ug/L	98
59) Bromoform	12.20	173	188805	51.277	ug/L	98
60) Isopropylbenzene	12.33	105	1373508	49.688	ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	268721	48.883	ug/L	98
62) 1,3,5-Trimethylbenzene	12.87	105	367	0.014	ug/L	96
63) 1,2,4-Trimethylbenzene	13.12	105	1119773	49.613	ug/L	94
64) 1,3-Dichlorobenzene	13.36	146	605279	48.848	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	603191	48.380	ug/L	99
67) 1,2-Dichlorobenzene	13.74	146	563881	48.589	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.36	75	63894	50.209	ug/L	94
69) 1,3,5-Trichlorobenzene	14.50	180	411736	48.140	ug/L	100
70) 1,2,4-trichlorobenzene	15.00	180	366574	47.056	ug/L	98
71) Naphthalene	15.23	128	1010492	49.652	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	346973	48.077	ug/L	99

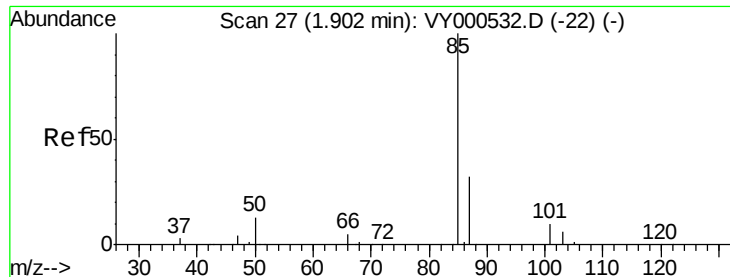
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 44.666 ug/L

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

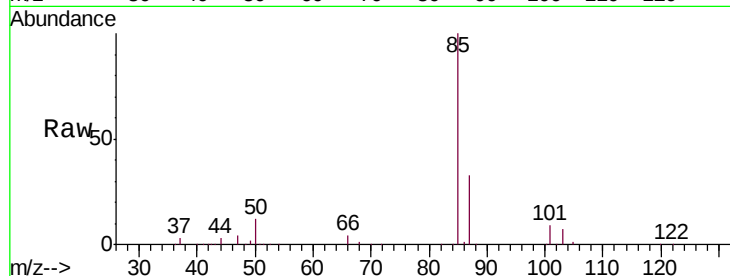
VSTD050801

Tgt Ion: 85 Resp: 229431

Ion Ratio Lower Upper

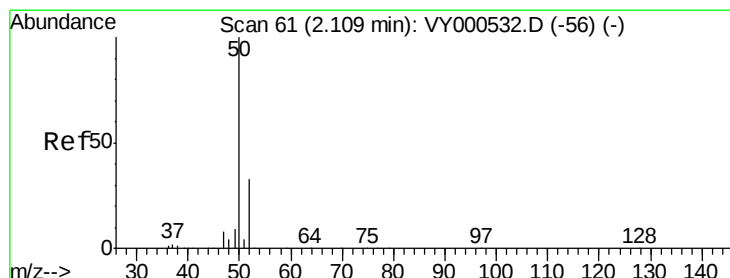
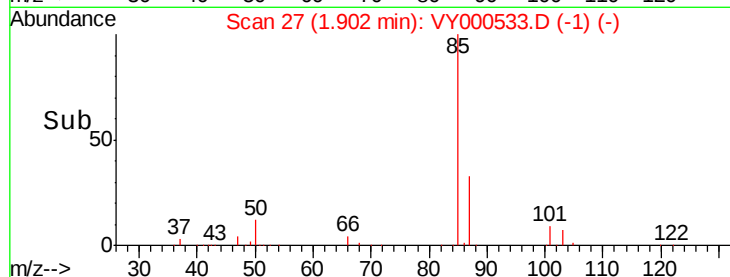
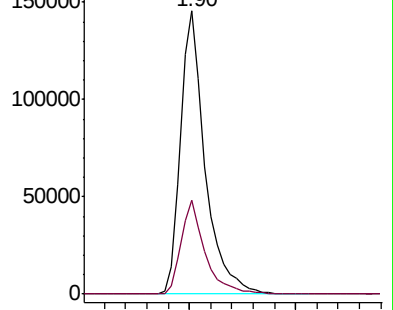
85 100

87 32.4 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 45.983 ug/L

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000533.D

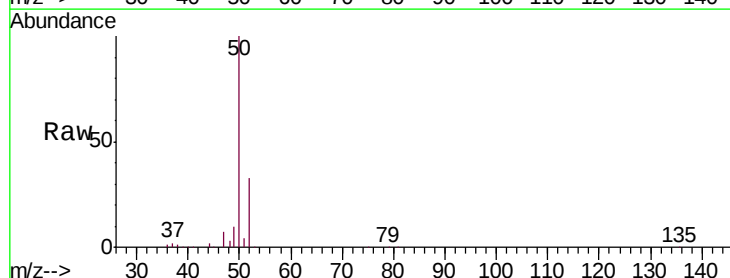
Acq: 05 Nov 2019 10:50

Tgt Ion: 50 Resp: 310143

Ion Ratio Lower Upper

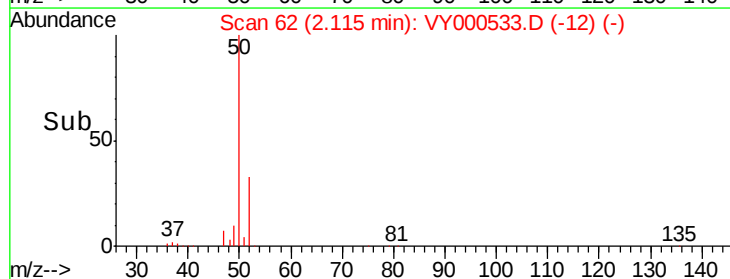
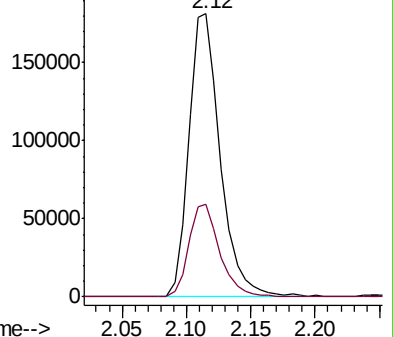
50 100

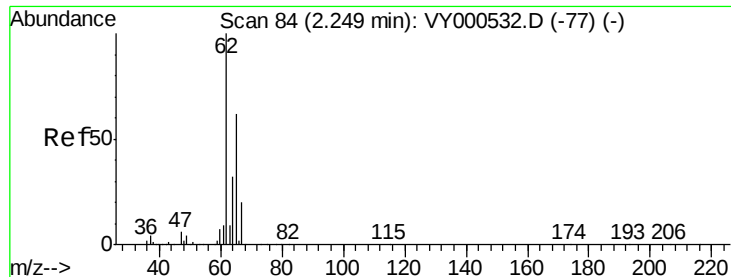
52 32.6 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 48.339 ug/L

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

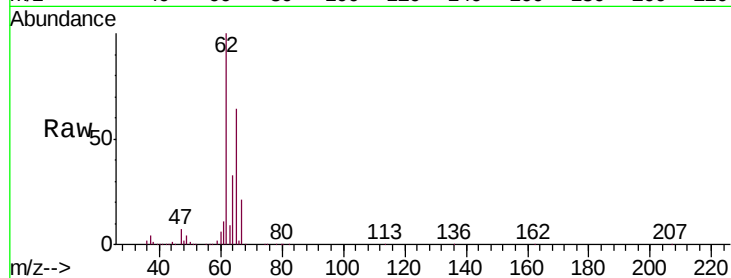
VSTD050801

Tgt Ion: 62 Resp: 304426

Ion Ratio Lower Upper

62 100

64 32.7 22.0 41.0



Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 64.00 (63.70 to 64.70): VY0

2.25

200000

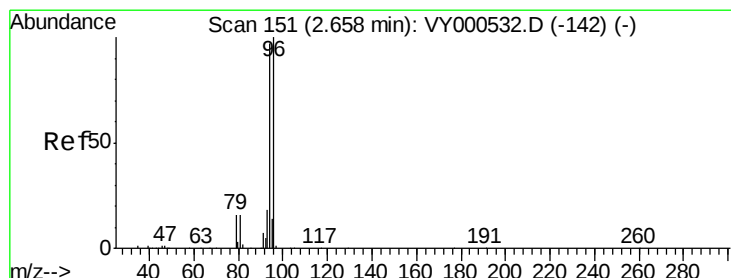
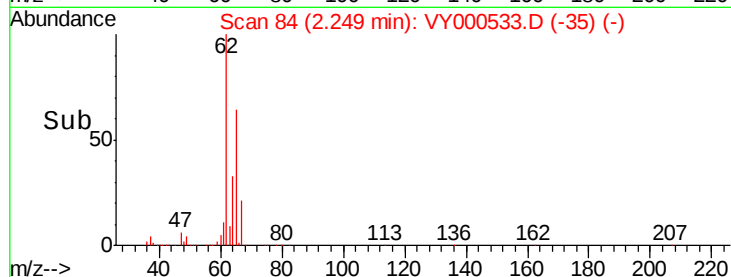
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 49.732 ug/L

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY000533.D

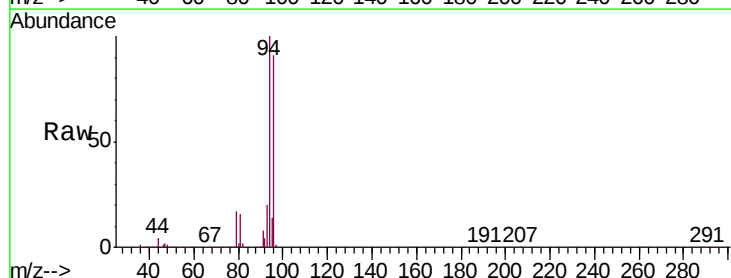
Acq: 05 Nov 2019 10:50

Tgt Ion: 94 Resp: 143385

Ion Ratio Lower Upper

94 100

96 91.5 72.2 134.0



Abundance Ion 94.00 (93.70 to 94.70): VY0

Ion 96.00 (95.70 to 96.70): VY0

2.65

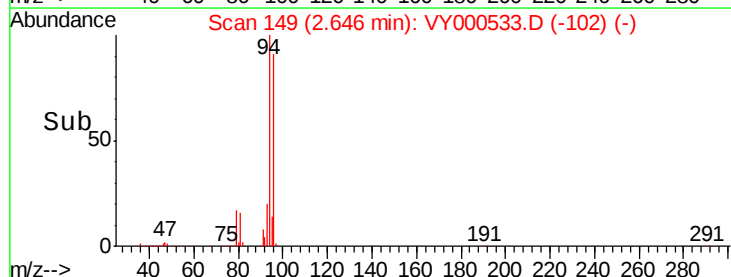
60000

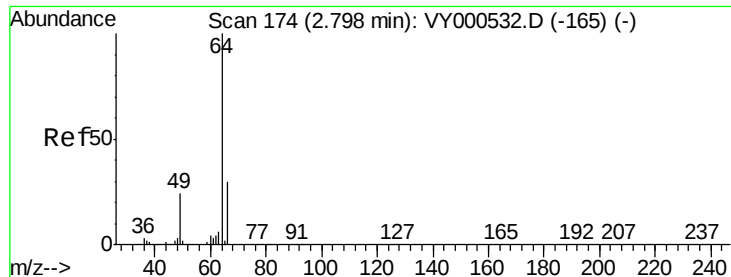
40000

20000

0

Time-->





#8

Chloroethane

Concen: 48.179 ug/L

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

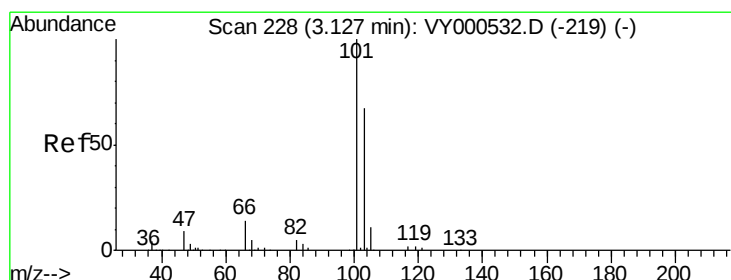
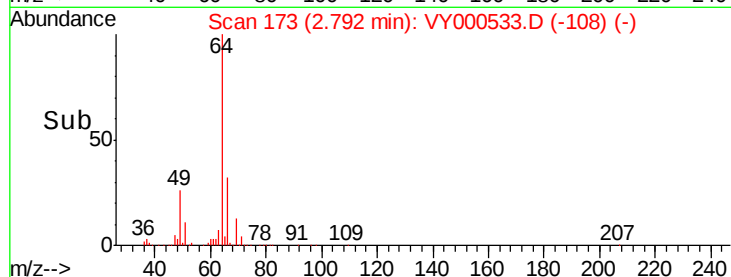
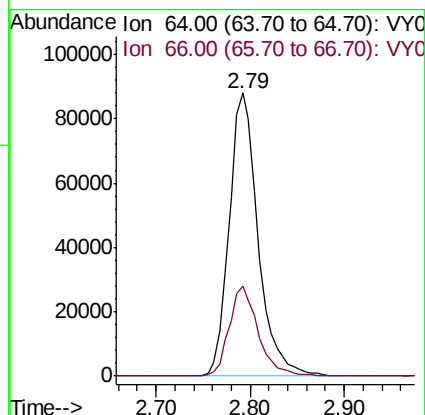
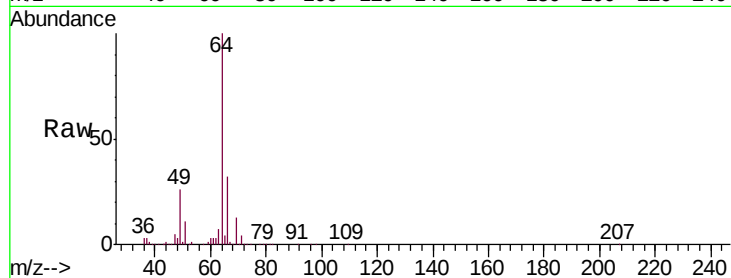
VSTD050801

Tgt Ion: 64 Resp: 187250

Ion Ratio Lower Upper

64 100

66 31.7 20.9 38.7



#9

Trichlorofluoromethane

Concen: 47.152 ug/L

RT: 3.13 min Scan# 228

Delta R.T. 0.00 min

Lab File: VY000533.D

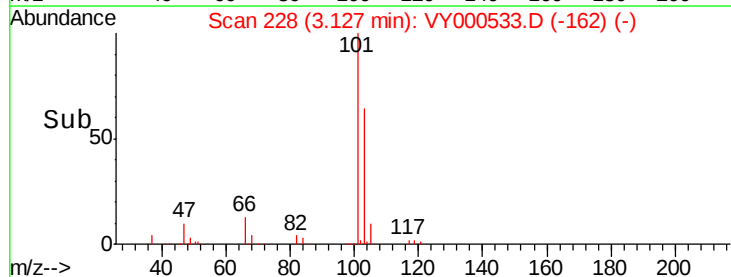
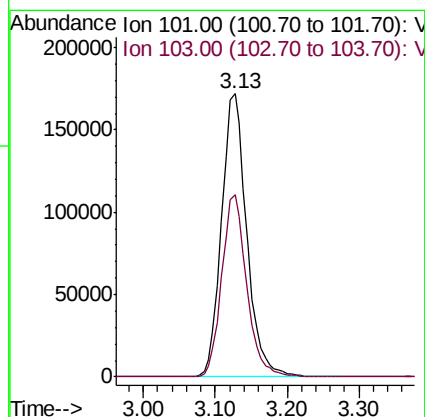
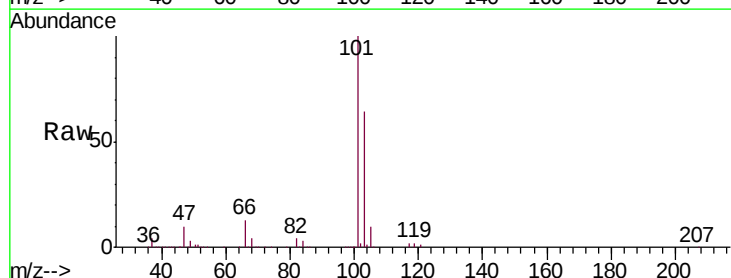
Acq: 05 Nov 2019 10:50

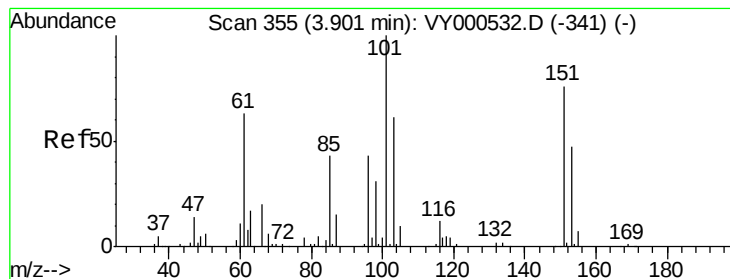
Tgt Ion: 101 Resp: 419011

Ion Ratio Lower Upper

101 100

103 63.8 52.1 78.1





#10

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

Concen: 47.272 ug/L

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

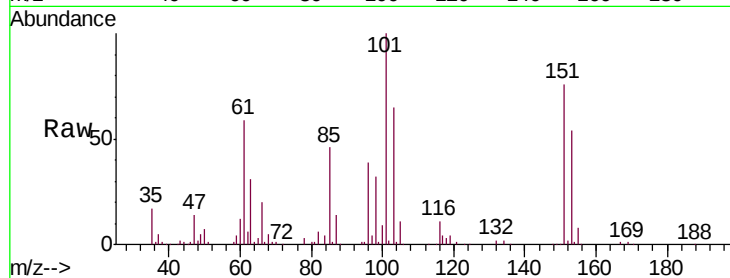
Tgt Ion: 101 Resp: 243909

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.8

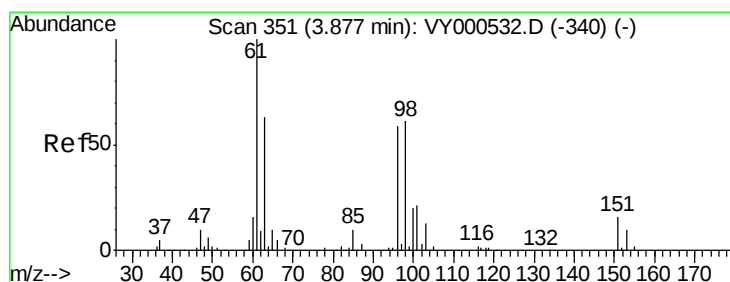
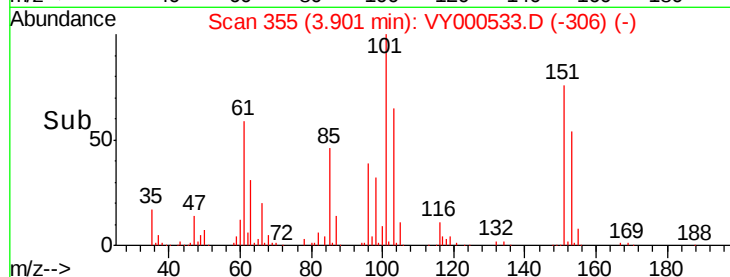
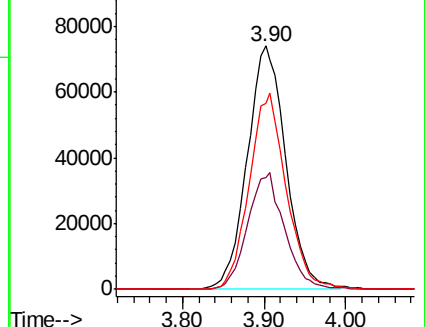
151 77.2 61.0 91.6



Abundance Ion 101.00 (100.70 to 101.70): VY000533.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VY000533.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VY000533.D (-306) (-)



#12

1,1-Dichloroethene

Concen: 47.960 ug/L

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

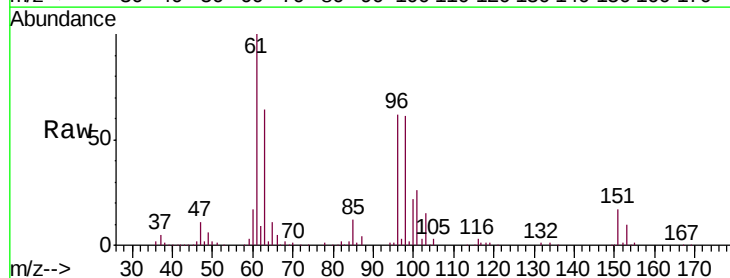
Tgt Ion: 96 Resp: 235448

Ion Ratio Lower Upper

96 100

61 162.6 118.6 220.2

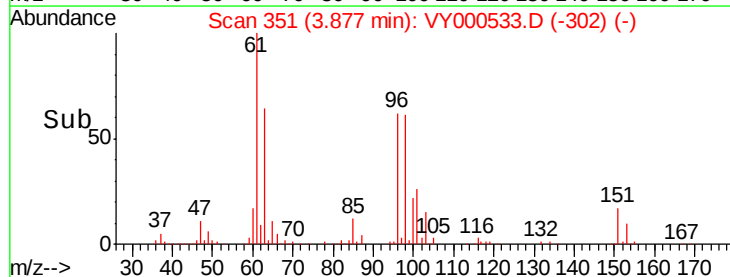
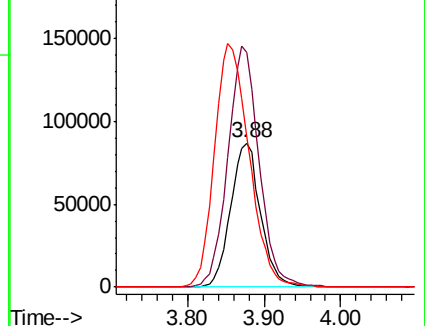
63 104.0 77.8 144.6

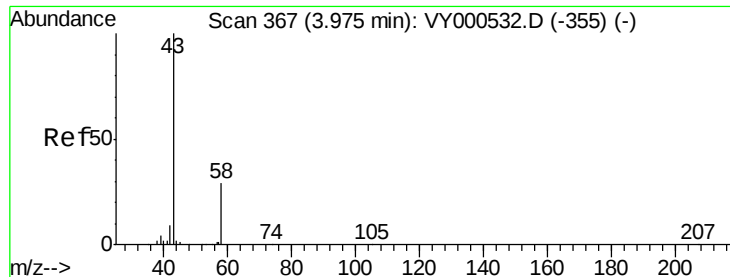


Abundance Ion 96.00 (95.70 to 96.70): VY000533.D (-302) (-)

Ion 61.00 (60.70 to 61.70): VY000533.D (-302) (-)

Ion 63.00 (62.70 to 63.70): VY000533.D (-302) (-)





#13

Acetone

Concen: 82.513 ug/L

RT: 3.95 min Scan# 363

Delta R.T. -0.02 min

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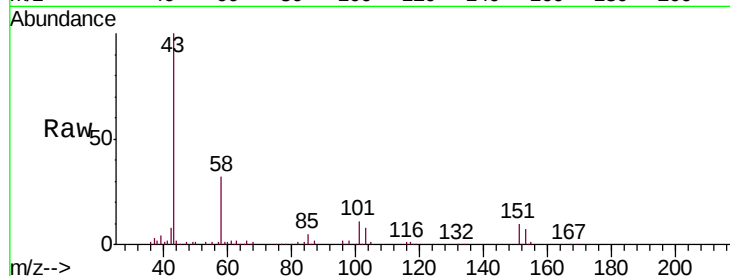
VSTD050801

Tgt Ion: 43 Resp: 194608

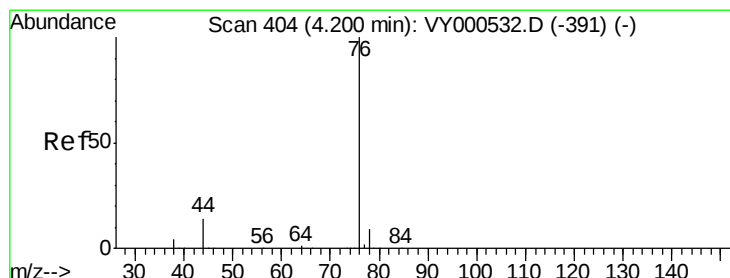
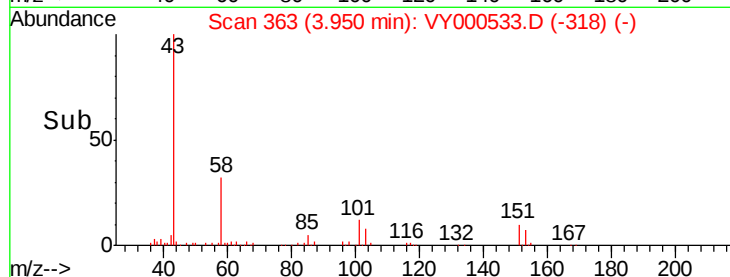
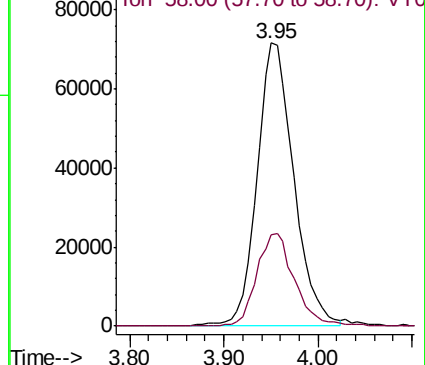
Ion Ratio Lower Upper

43 100

58 33.3 0.0 69.6



Abundance Ion 43.00 (42.70 to 43.70): VY000533.D (-363) (-)



#14

Carbon disulfide

Concen: 49.736 ug/L

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000533.D

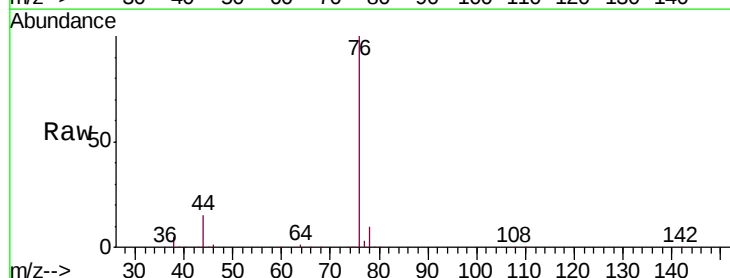
Acq: 05 Nov 2019 10:50

Tgt Ion: 76 Resp: 774314

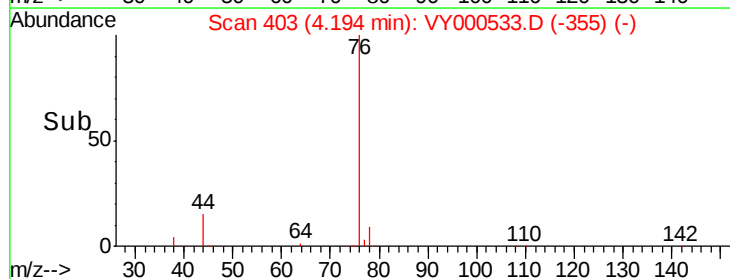
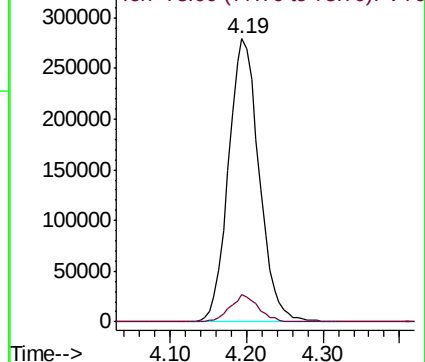
Ion Ratio Lower Upper

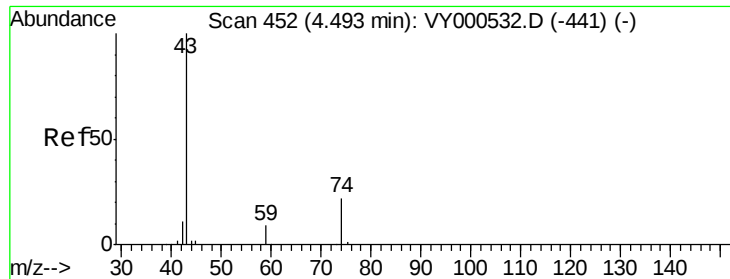
76 100

78 9.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VY000533.D (-403) (-)

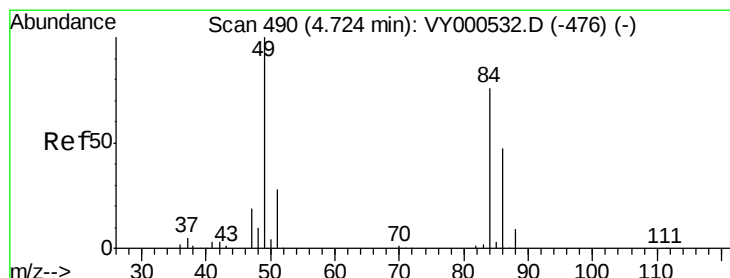
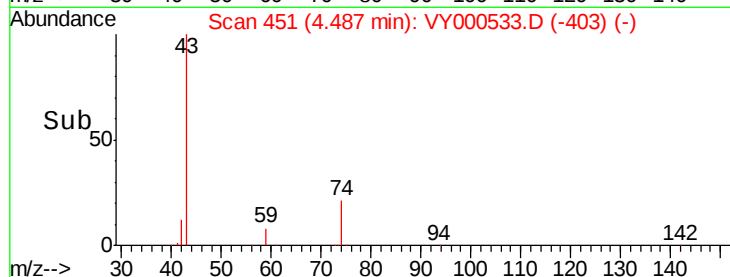
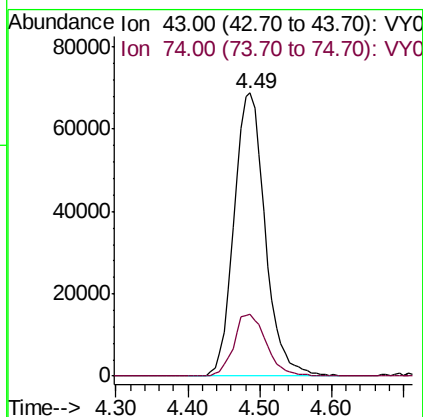
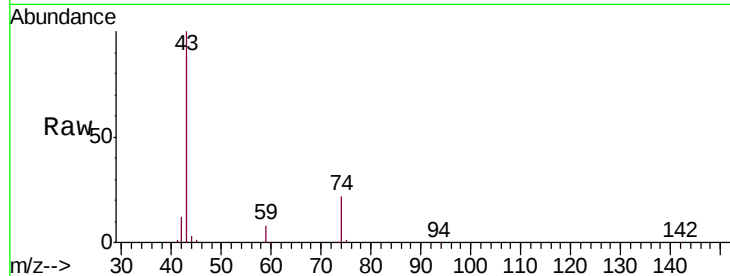




#15
Methyl Acetate
Concen: 49.204 ug/L
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

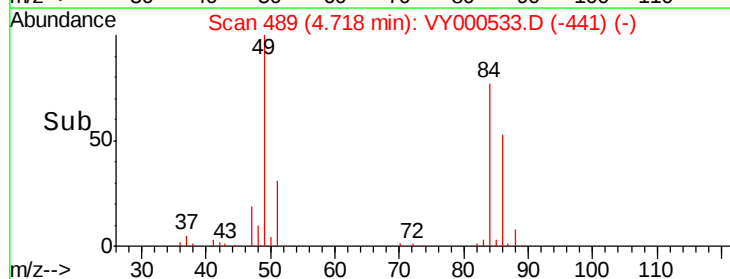
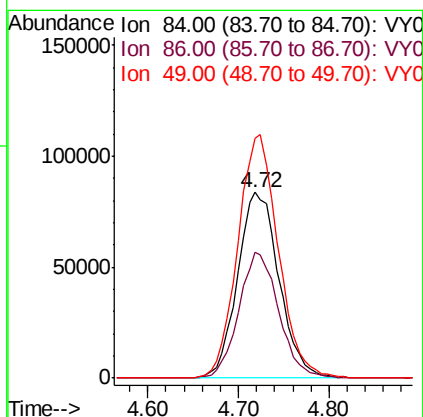
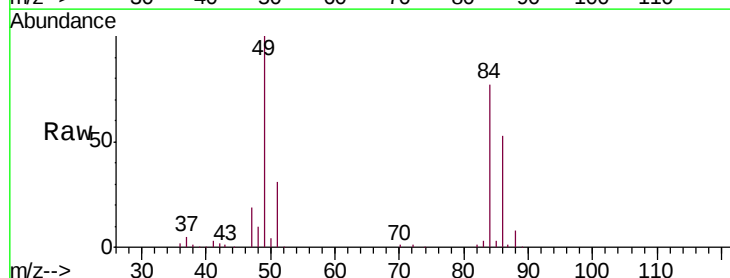
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

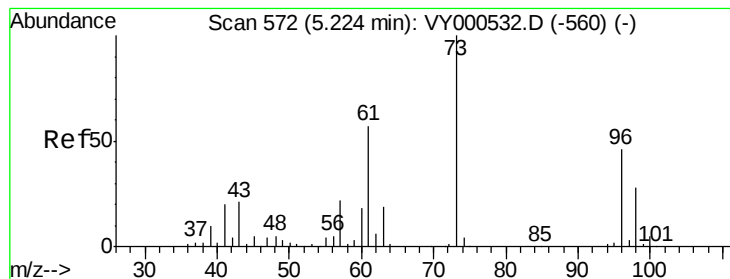
Tgt Ion: 43 Resp: 206849
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9



#16
Methylene chloride
Concen: 43.918 ug/L
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion: 84 Resp: 264682
Ion Ratio Lower Upper
84 100
86 68.2 43.4 80.6
49 129.6 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 48.717 ug/L

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

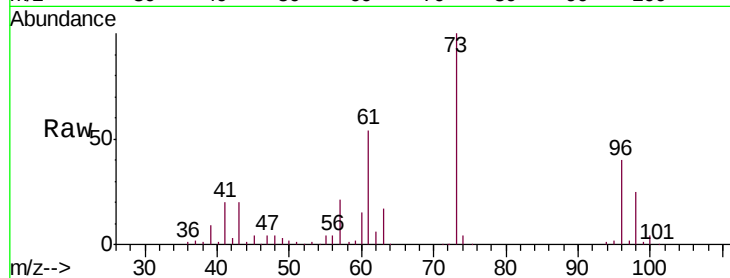
Tgt Ion: 96 Resp: 265773

Ion Ratio Lower Upper

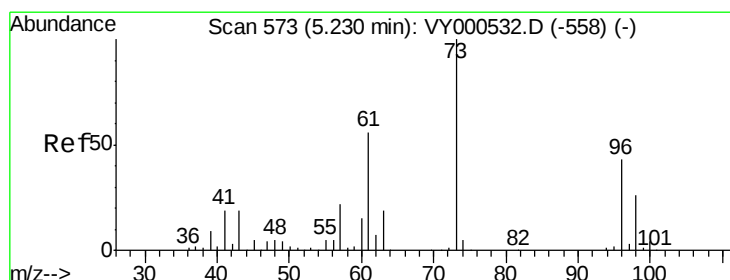
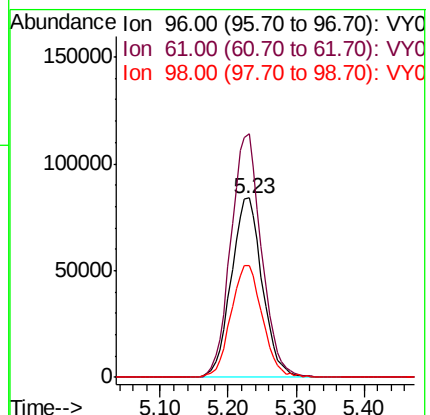
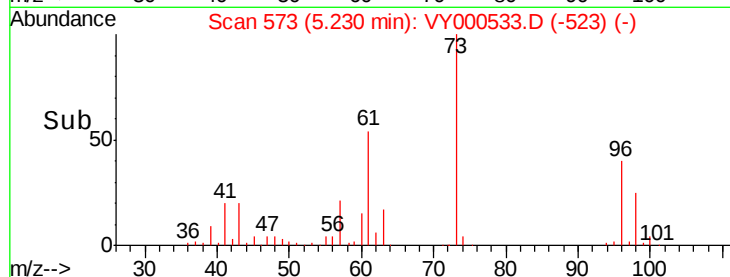
96 100

61 135.8 86.9 161.5

98 62.3 42.6 79.0



Abundance Ion 96.00 (95.70 to 96.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 98.00 (97.70 to 98.70): VY0



#18

Methyl tert-butyl Ether

Concen: 49.310 ug/L

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

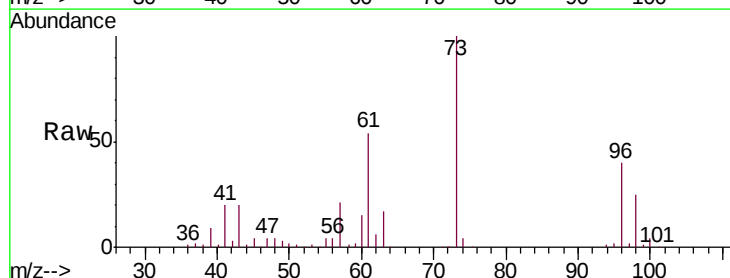
Tgt Ion: 73 Resp: 766568

Ion Ratio Lower Upper

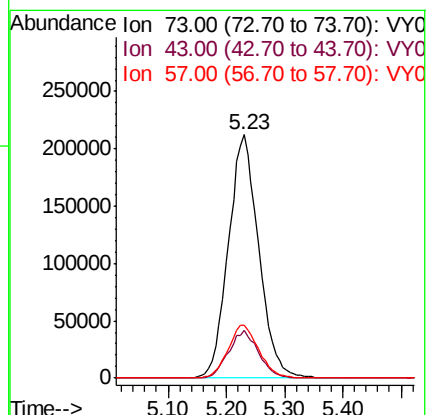
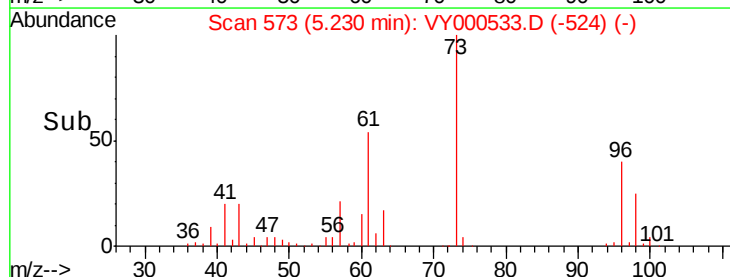
73 100

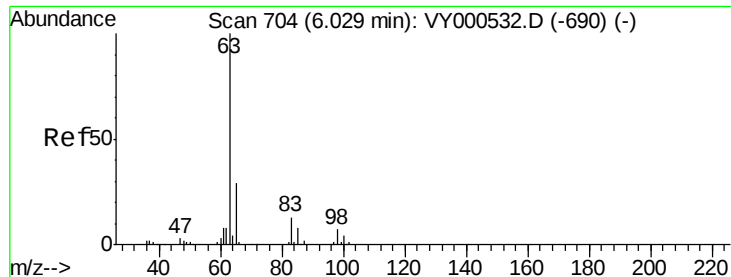
43 19.3 15.7 23.5

57 22.1 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 57.00 (56.70 to 57.70): VY0





#19

1,1-Dichloroethane

Concen: 48.189 ug/L

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

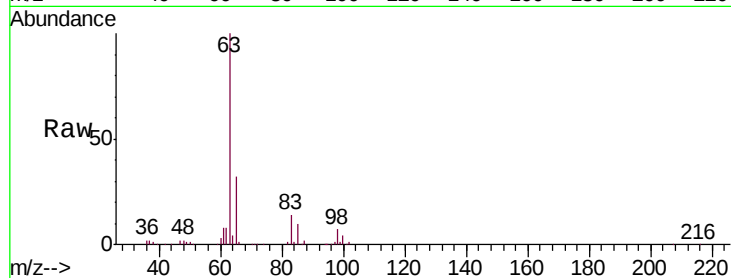
Tgt Ion: 63 Resp: 460811

Ion Ratio Lower Upper

63 100

65 31.5 20.2 37.4

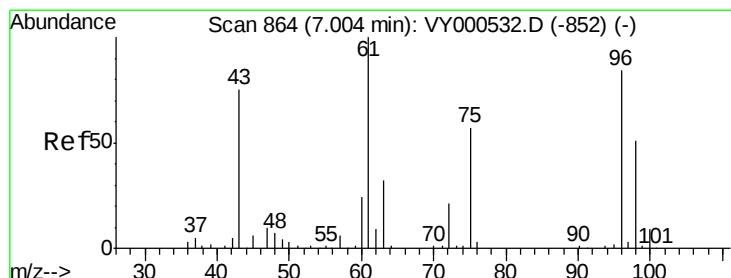
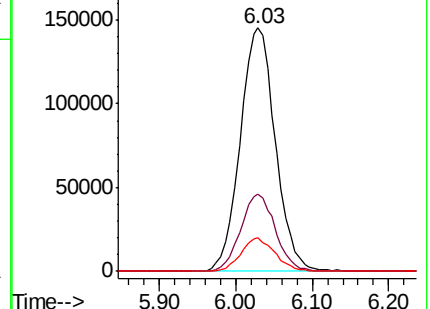
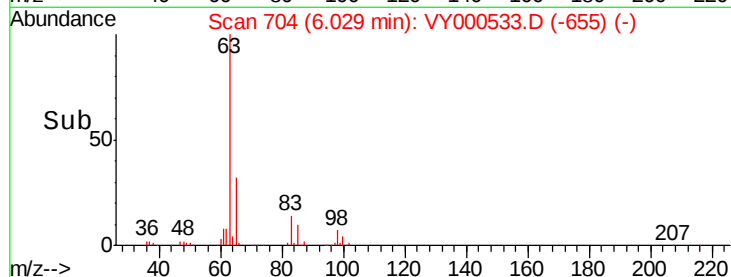
83 14.0 9.2 17.2



Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 65.00 (64.70 to 65.70): VY0

Ion 83.00 (82.70 to 83.70): VY0



#20

cis-1,2-Dichloroethene

Concen: 48.142 ug/L

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

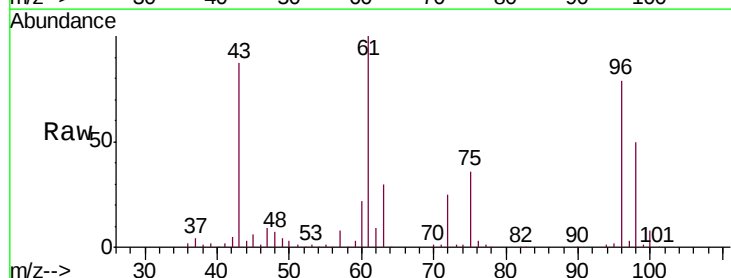
Tgt Ion: 96 Resp: 294035

Ion Ratio Lower Upper

96 100

61 125.9 83.7 155.4

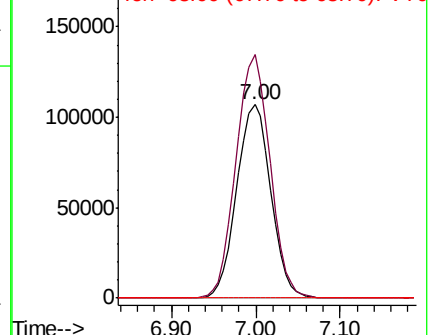
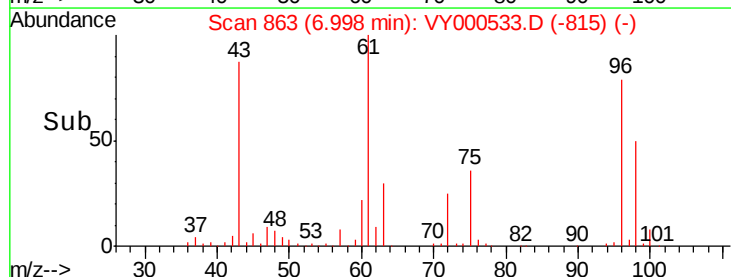
68 0.0 0.0 0.0

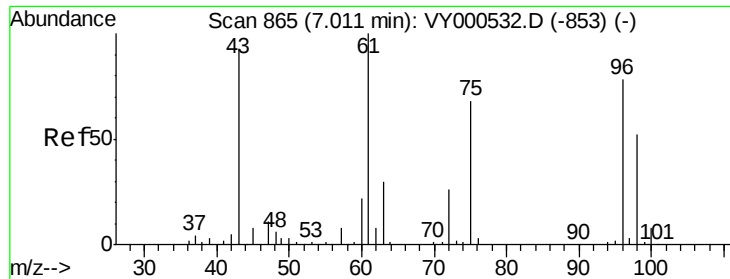


Abundance Ion 96.00 (95.70 to 96.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 68.00 (67.70 to 68.70): VY0





#22

2-Butanone

Concen: 91.247 ug/L

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

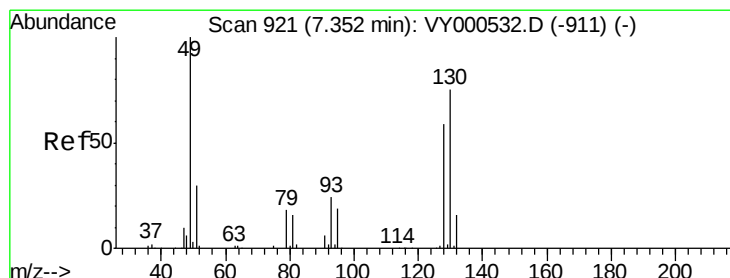
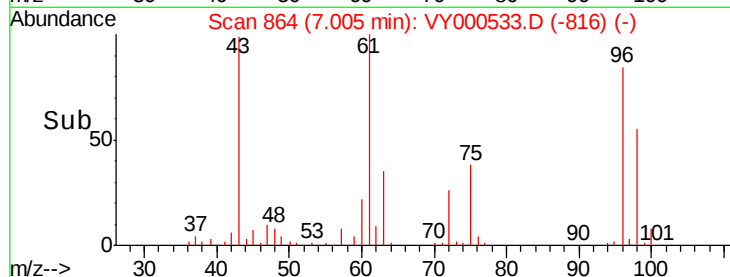
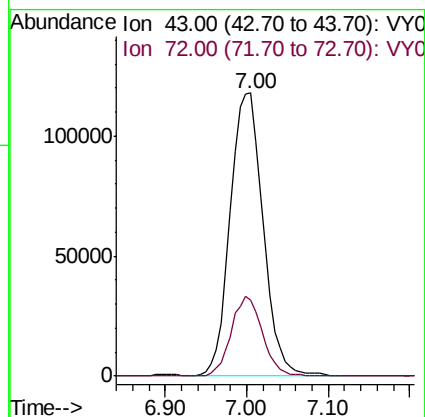
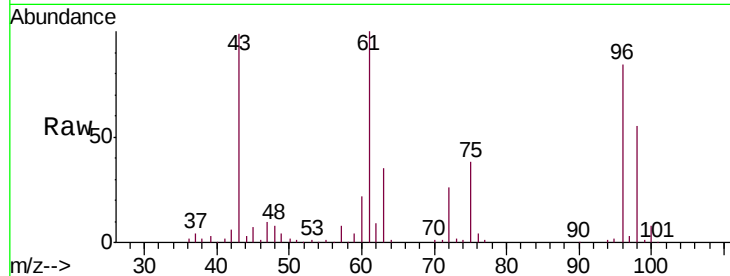
VSTD050801

Tgt Ion: 43 Resp: 329727

Ion Ratio Lower Upper

43 100

72 26.3 13.6 40.8



#23

Bromochloromethane

Concen: 48.515 ug/L

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Tgt Ion: 128 Resp: 133207

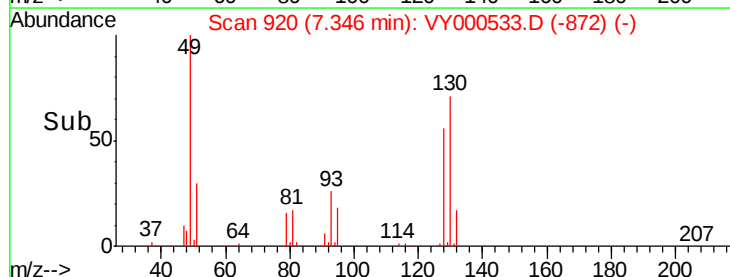
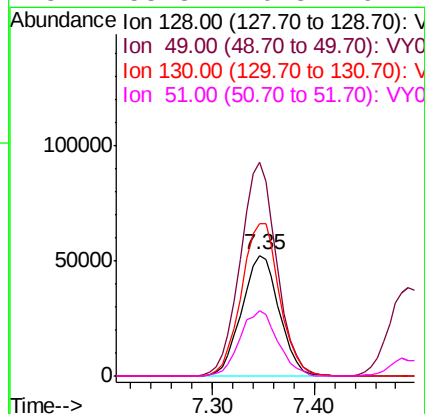
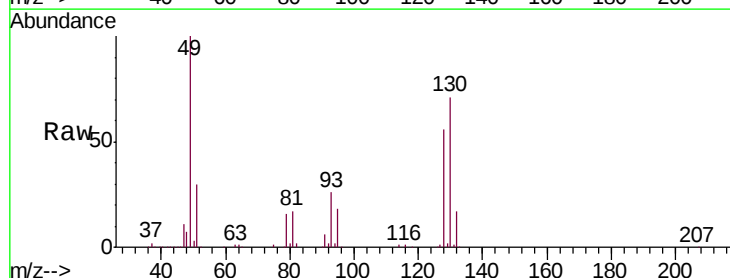
Ion Ratio Lower Upper

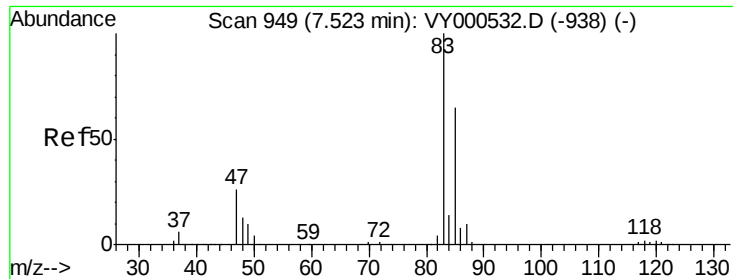
128 100

49 177.1 119.8 222.4

130 126.6 89.8 166.8

51 53.8 40.8 61.2

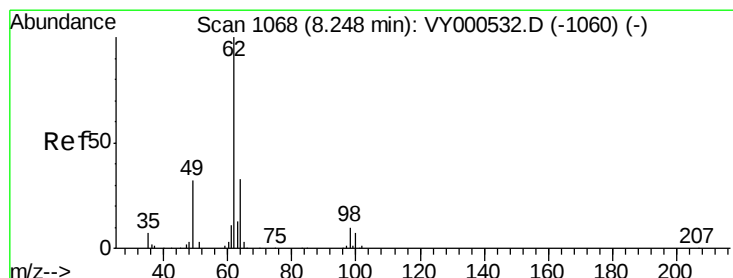
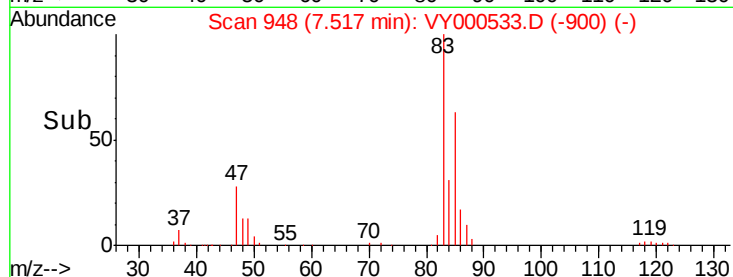
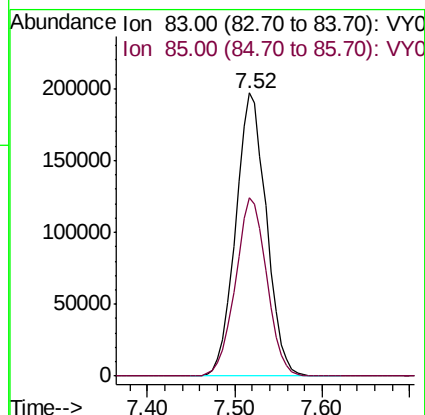
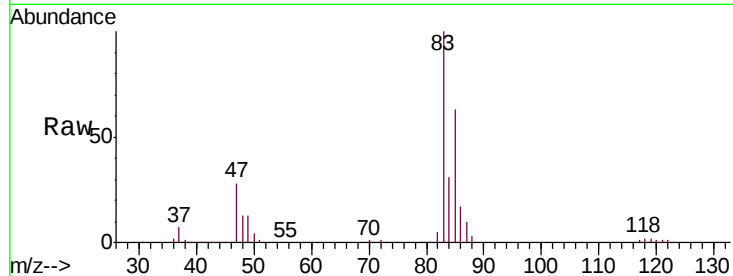




#25
Chloroform
Concen: 48.659 ug/L
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

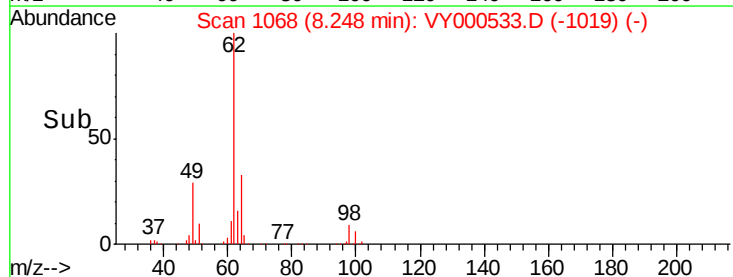
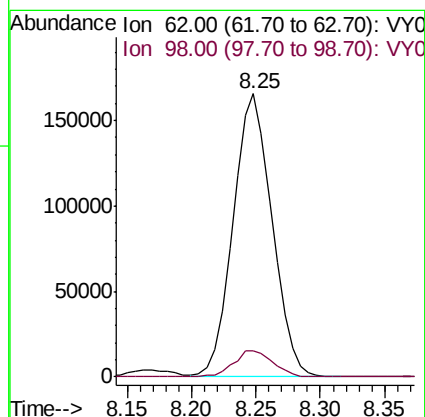
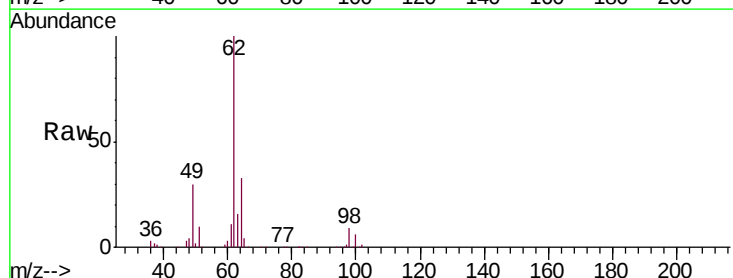
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

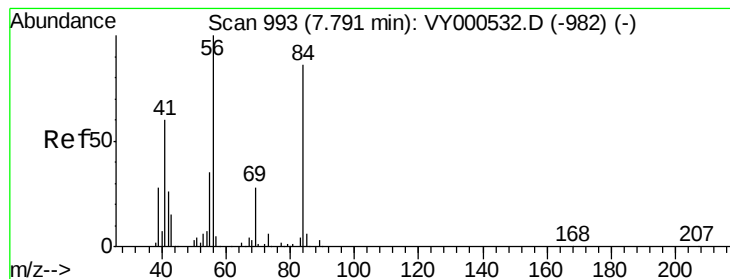
Tgt Ion: 83 Resp: 480552
Ion Ratio Lower Upper
83 100
85 63.0 46.0 85.4



#27
1,2-Dichloroethane
Concen: 49.283 ug/L
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion: 62 Resp: 347672
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8





#29

Cyclohexane

Concen: 49.136 ug/L

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

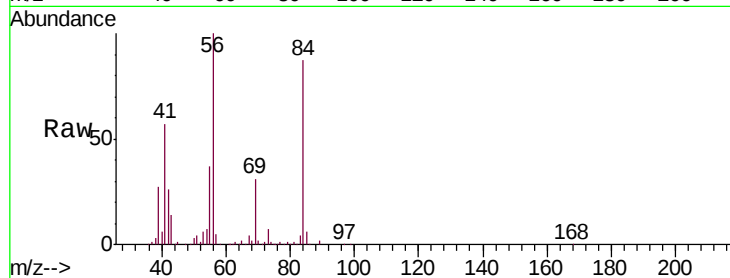
Tgt Ion: 56 Resp: 467239

Ion Ratio Lower Upper

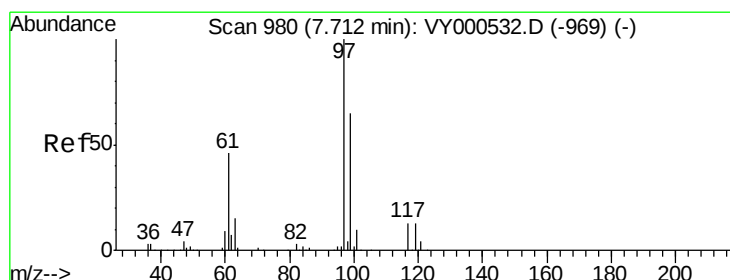
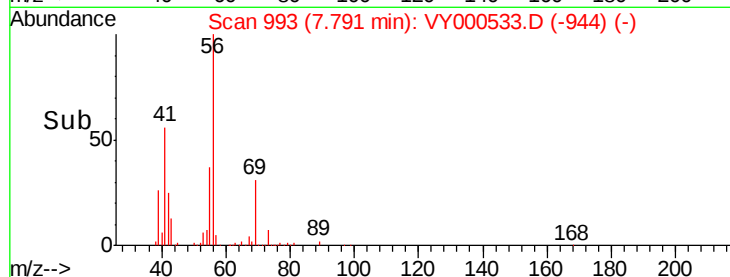
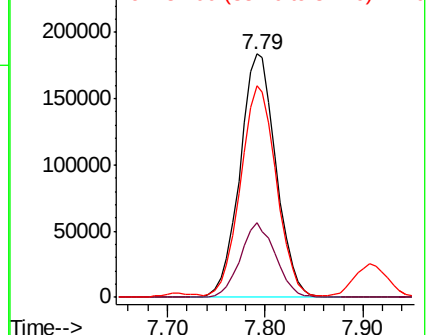
56 100

69 29.8 23.4 35.2

84 87.2 70.2 105.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#30

1,1,1-Trichloroethane

Concen: 49.115 ug/L

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

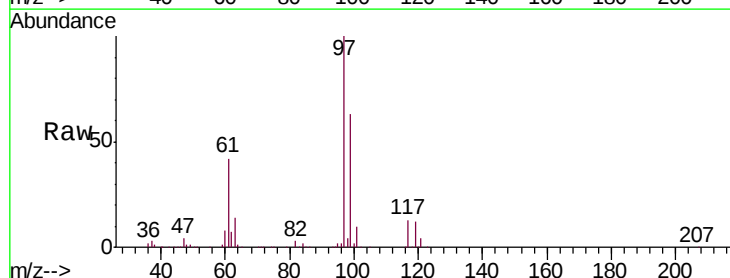
Tgt Ion: 97 Resp: 412434

Ion Ratio Lower Upper

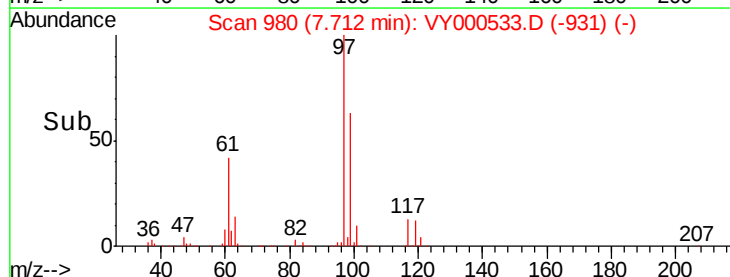
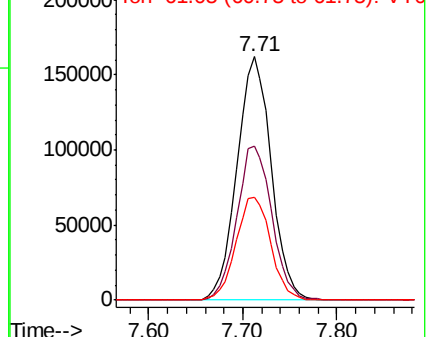
97 100

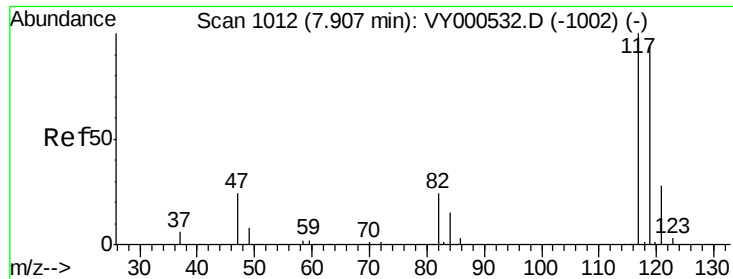
99 64.5 51.4 77.0

61 42.3 35.4 53.0



Abundance Ion 97.00 (96.70 to 97.70): VY0
Ion 99.00 (98.70 to 99.70): VY0
Ion 61.05 (60.75 to 61.75): VY0

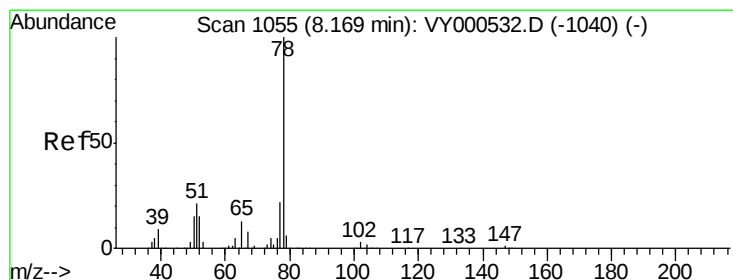
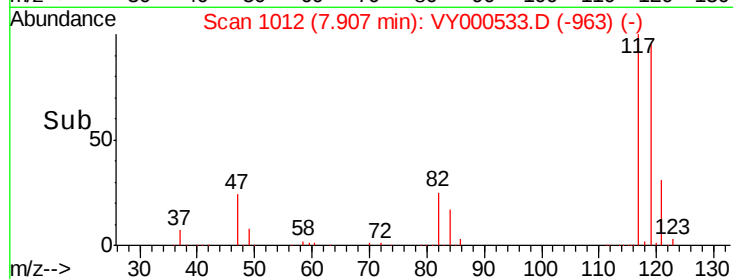
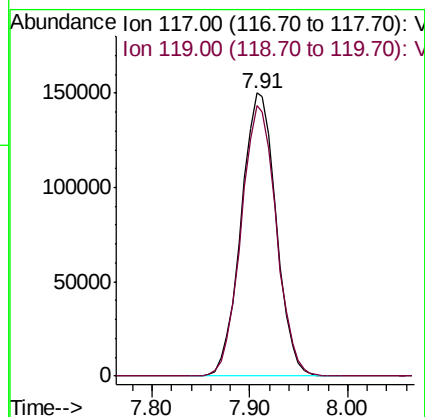
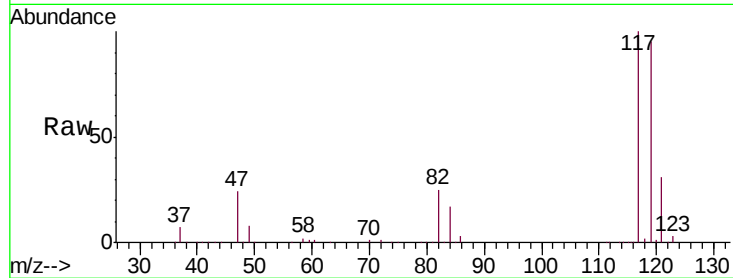




#31
Carbon tetrachloride
Concen: 47.957 ug/L
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

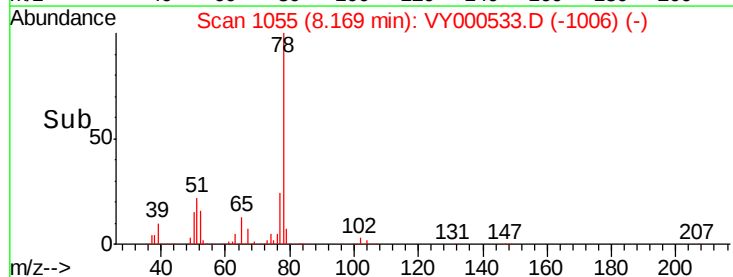
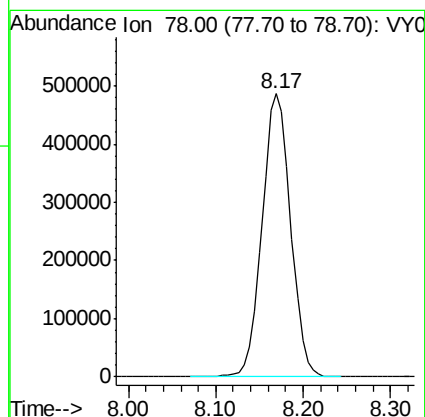
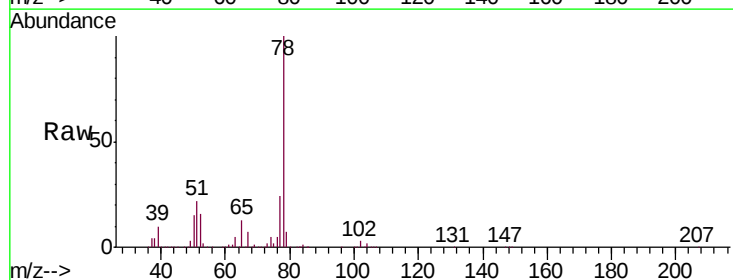
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

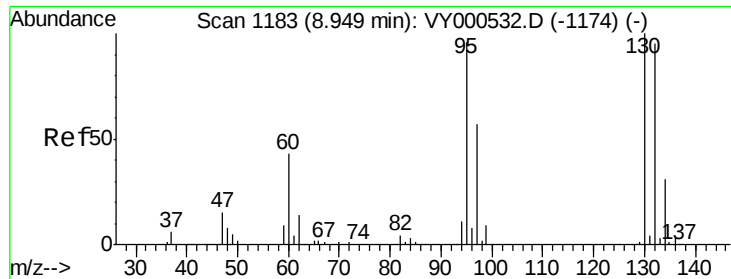
Tgt Ion:117 Resp: 371366
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2



#33
Benzene
Concen: 48.059 ug/L
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion: 78 Resp: 1098784





#34

Trichloroethene

Concen: 47.952 ug/L

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

Tgt Ion: 95 Resp: 289321

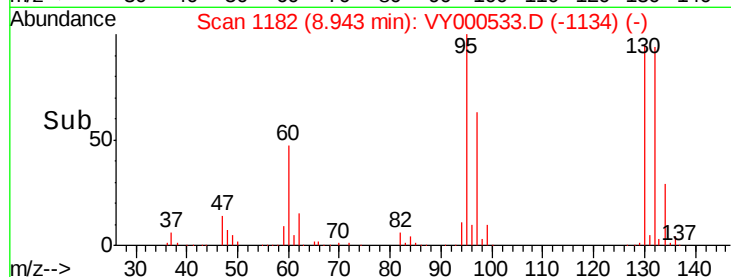
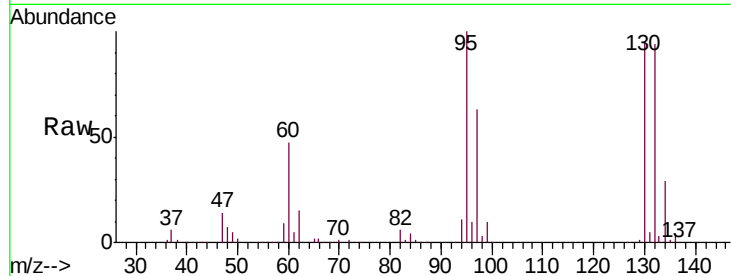
Ion Ratio Lower Upper

95 100

97 63.2 41.4 76.8

132 94.0 69.7 129.4

130 94.6 73.1 135.8

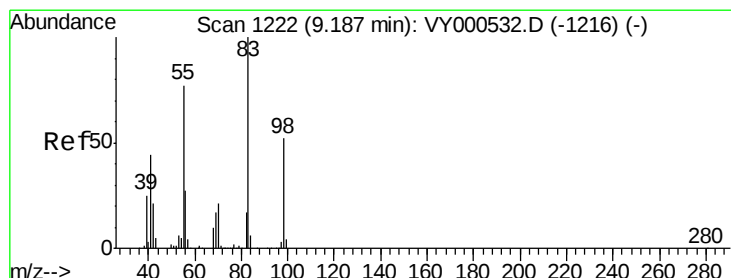
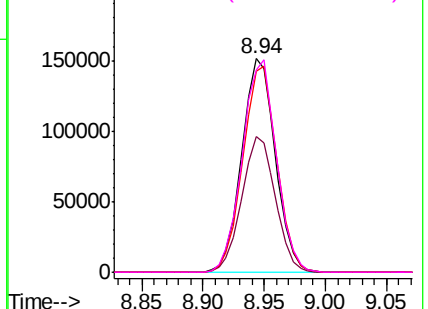


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#35

Methylcyclohexane

Concen: 49.041 ug/L

RT: 9.19 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

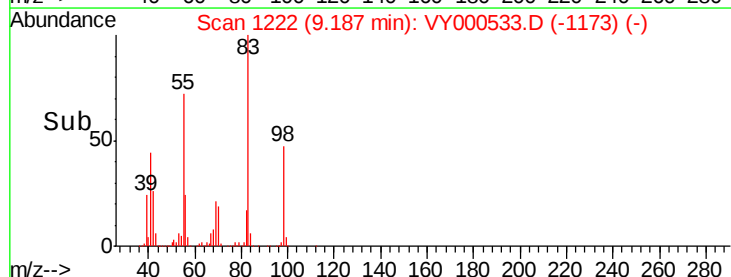
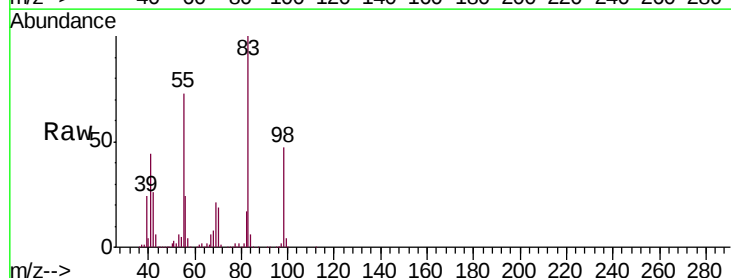
Tgt Ion: 83 Resp: 508263

Ion Ratio Lower Upper

83 100

55 73.8 57.8 86.8

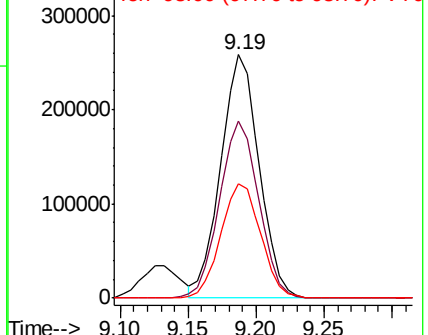
98 48.6 38.7 58.1

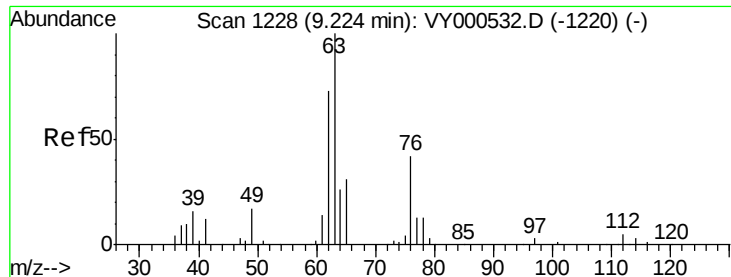


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#37

1,2-Dichloropropane

Concen: 48.012 ug/L

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

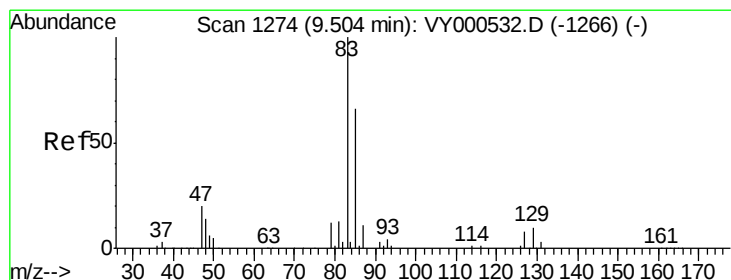
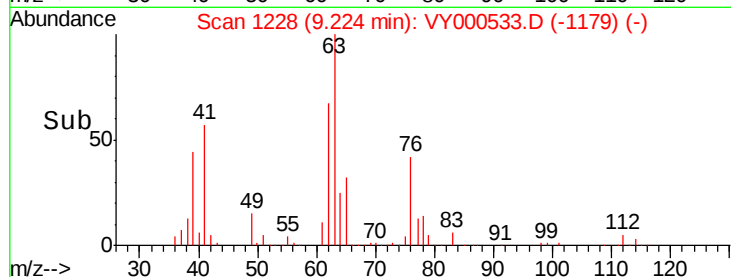
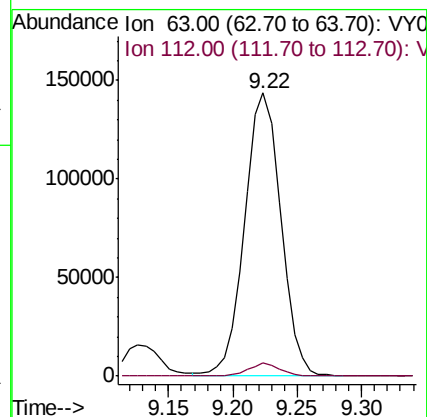
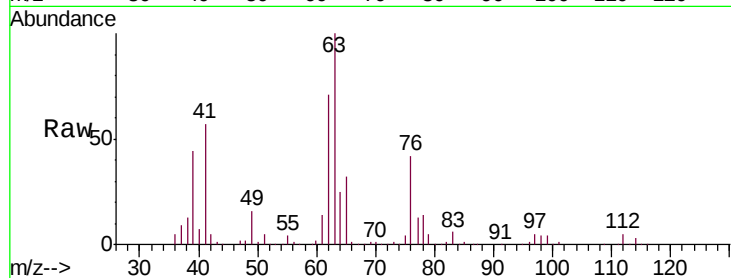
VSTD050801

Tgt Ion: 63 Resp: 280054

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 49.283 ug/L

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

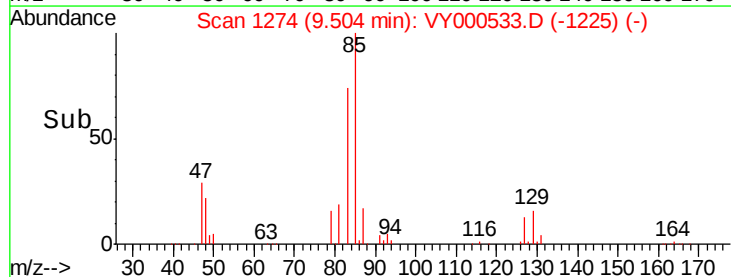
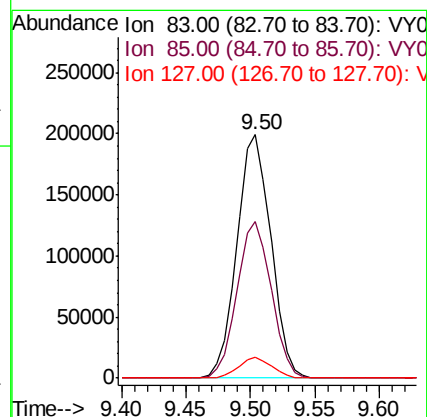
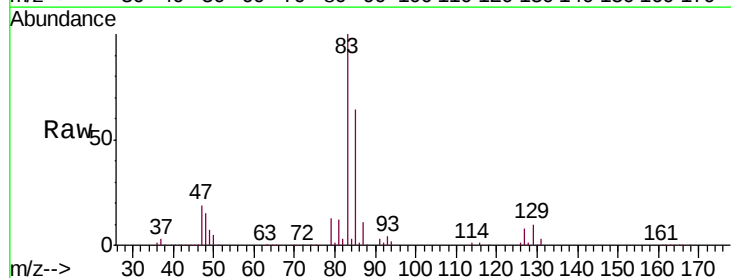
Tgt Ion: 83 Resp: 365743

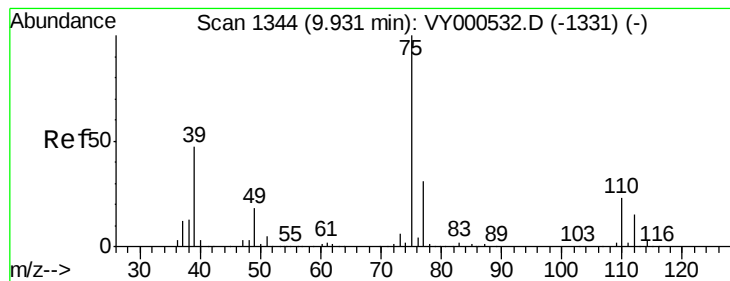
Ion Ratio Lower Upper

83 100

85 64.3 46.1 85.7

127 8.4 6.5 9.7



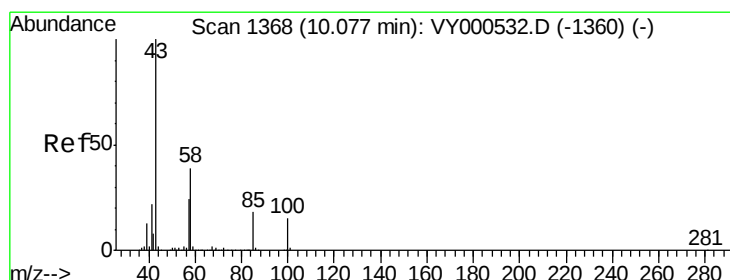
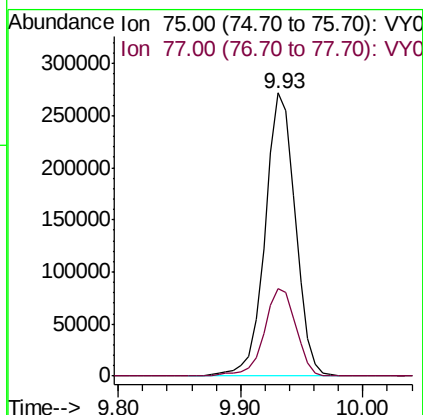
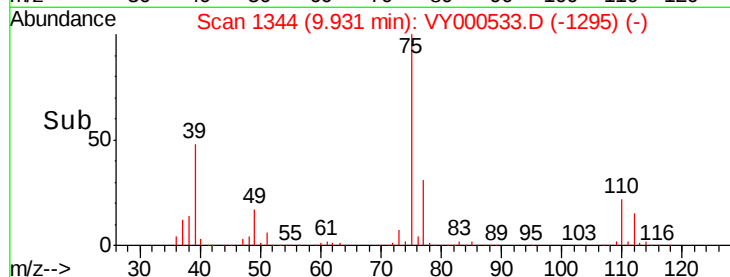
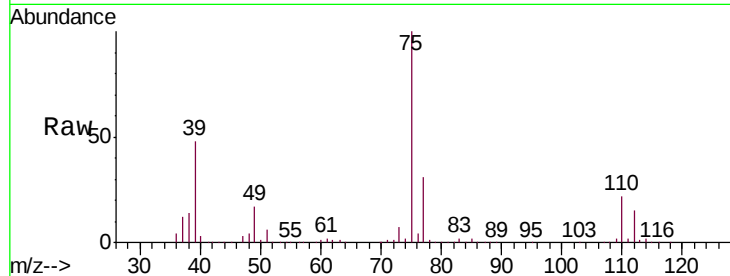


#39

cis-1,3-Dichloropropene
Concen: 50.093 ug/L
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

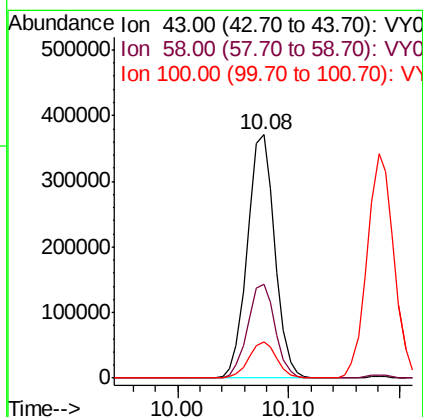
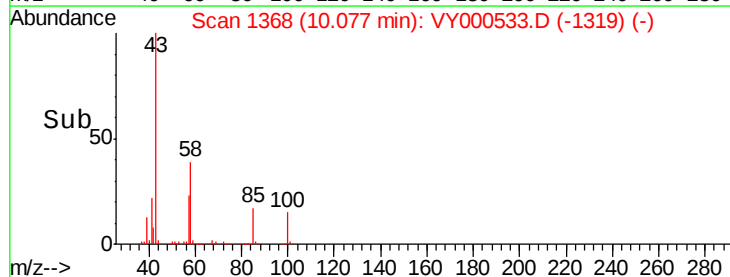
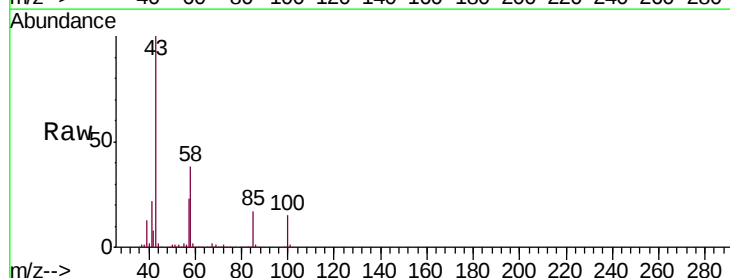
Tgt Ion: 75 Resp: 468201
Ion Ratio Lower Upper
75 100
77 30.9 21.3 39.6

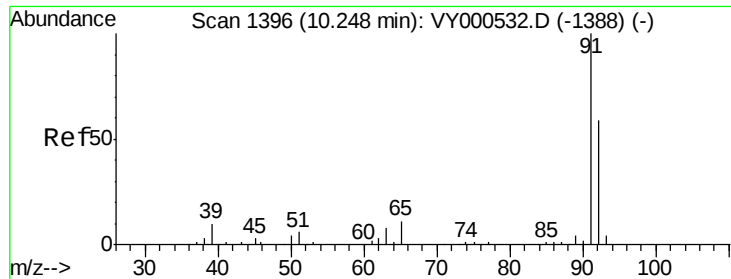


#40

4-Methyl-2-pentanone
Concen: 99.029 ug/L
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion: 43 Resp: 636533
Ion Ratio Lower Upper
43 100
58 38.7 30.6 45.8
100 15.1 11.6 17.4





#42

Toluene

Concen: 49.073 ug/L

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

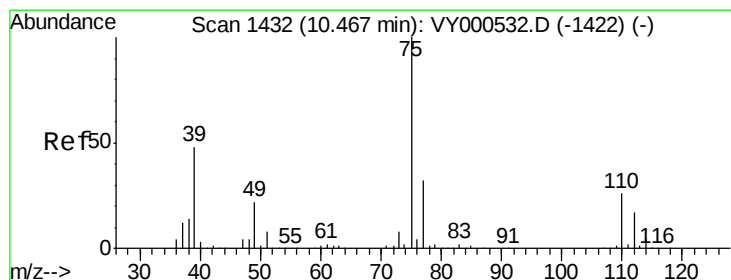
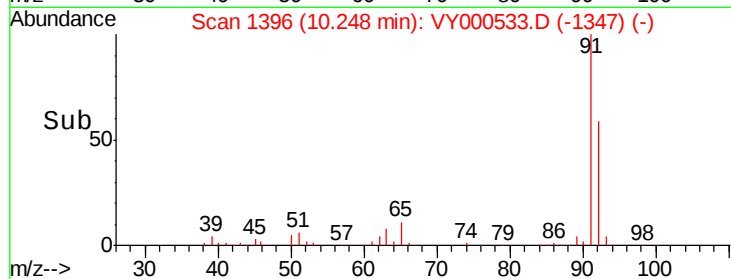
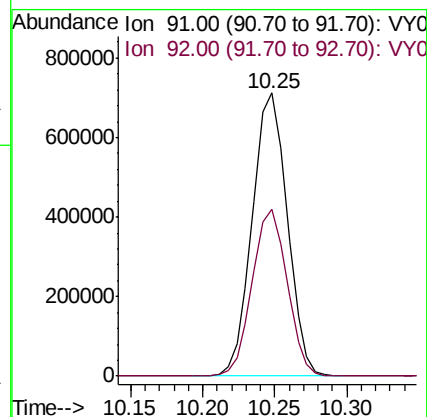
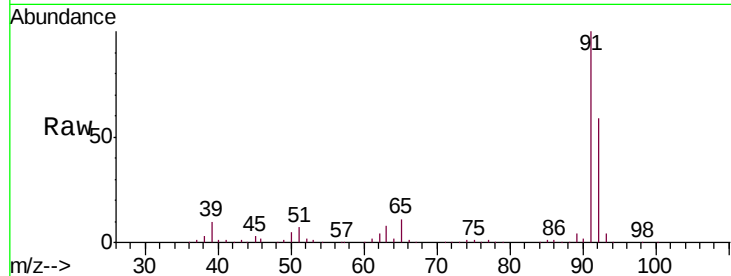
VSTD050801

Tgt Ion: 91 Resp: 1198176

Ion Ratio Lower Upper

91 100

92 59.0 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 50.252 ug/L

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000533.D

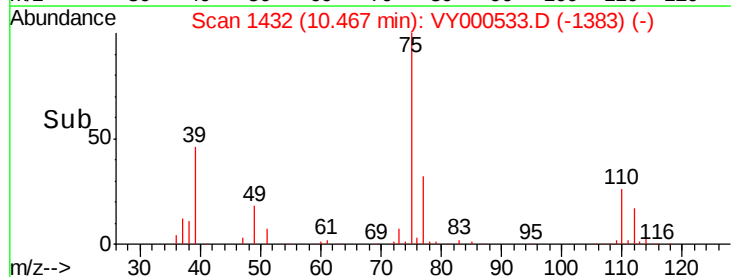
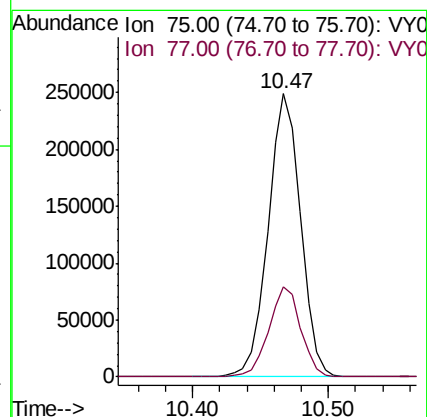
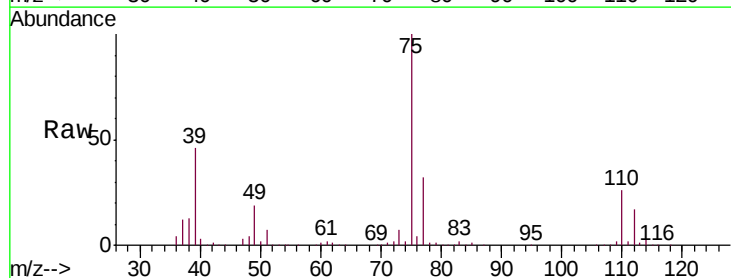
Acq: 05 Nov 2019 10:50

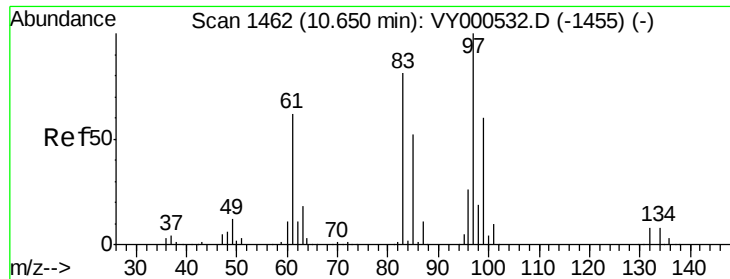
Tgt Ion: 75 Resp: 415078

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 48.910 ug/L

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

Tgt Ion: 97 Resp: 242187

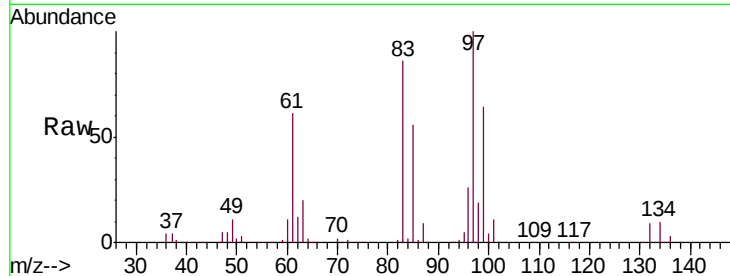
Ion Ratio Lower Upper

97 100

99 64.4 42.1 78.1

83 85.7 56.8 105.6

85 55.6 36.5 67.9

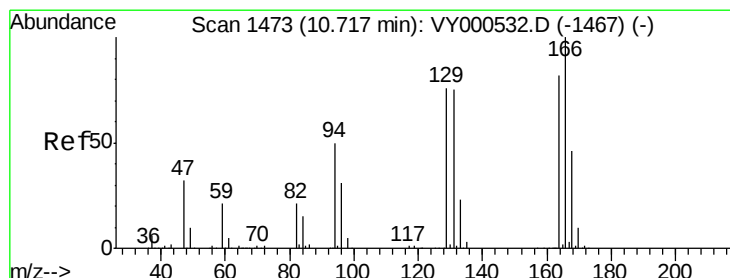
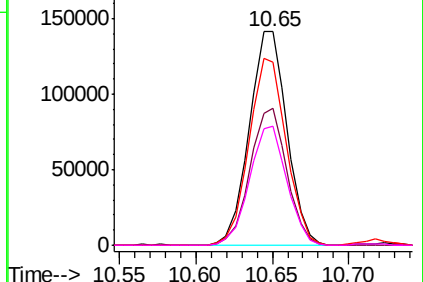
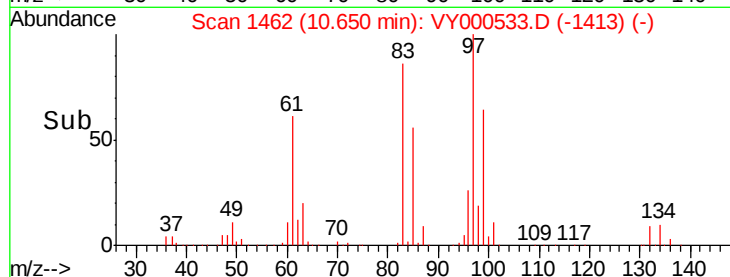


Abundance Ion 97.00 (96.70 to 97.70): VY0

Ion 99.00 (98.70 to 99.70): VY0

Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0



#46

Tetrachloroethene

Concen: 47.552 ug/L

RT: 10.72 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Tgt Ion: 164 Resp: 219015

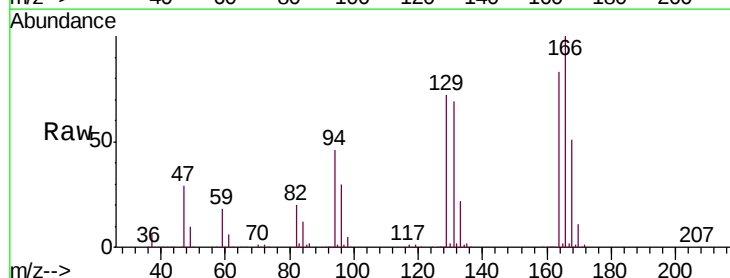
Ion Ratio Lower Upper

164 100

129 87.3 65.7 121.9

131 83.7 64.7 120.1

166 121.1 85.8 159.3

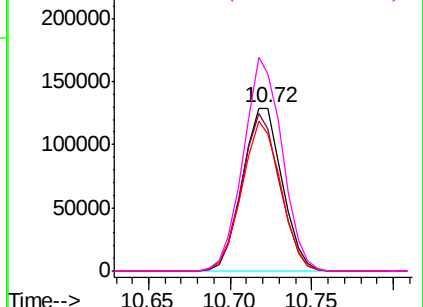
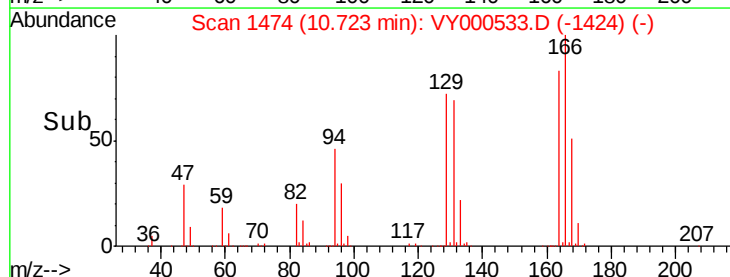


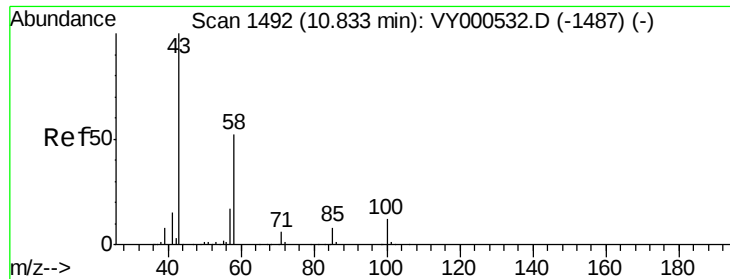
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 99.354 ug/L

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

Tgt Ion: 43 Resp: 499237

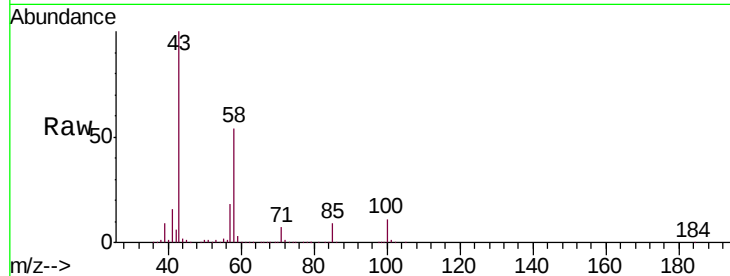
Ion Ratio Lower Upper

43 100

58 55.5 42.5 63.7

57 18.0 14.2 21.4

100 11.6 9.1 13.7

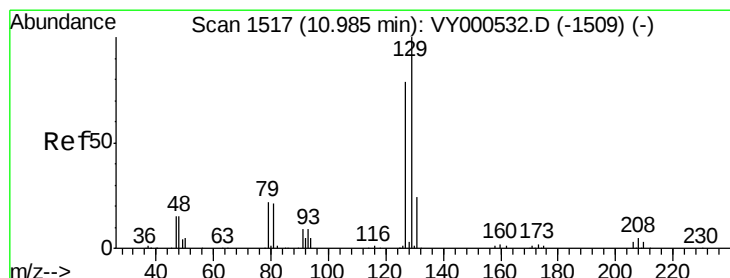
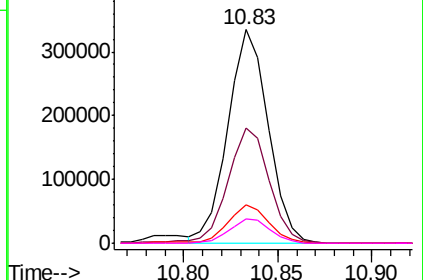
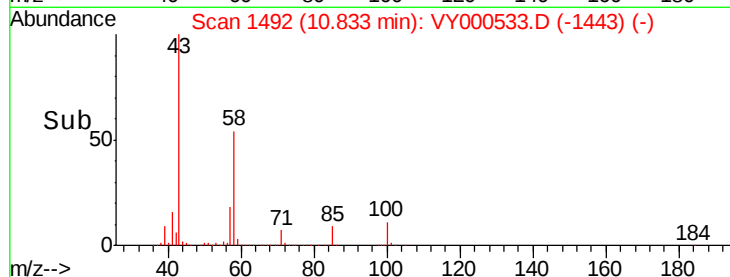


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#49

Dibromochloromethane

Concen: 51.152 ug/L

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY000533.D

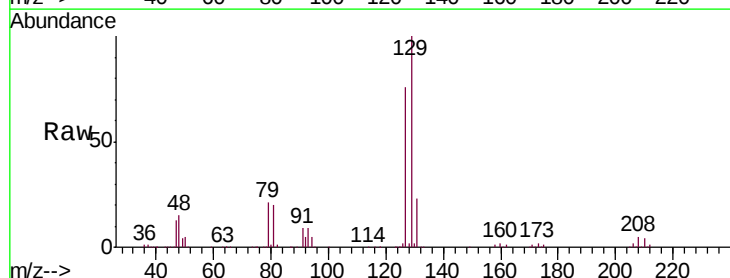
Acq: 05 Nov 2019 10:50

Tgt Ion: 129 Resp: 285401

Ion Ratio Lower Upper

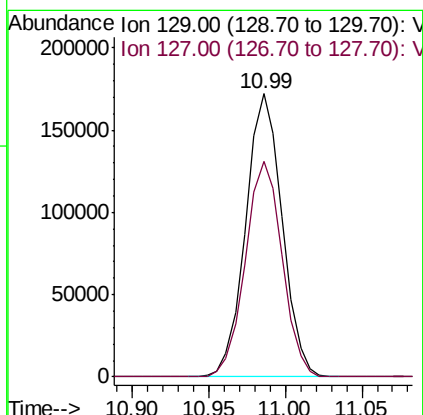
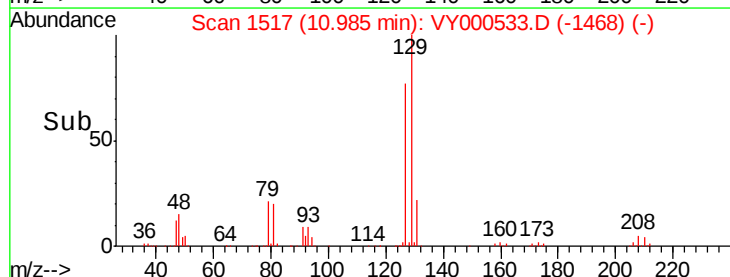
129 100

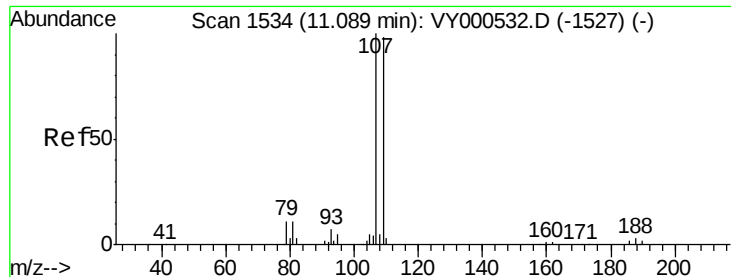
127 76.3 54.9 102.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

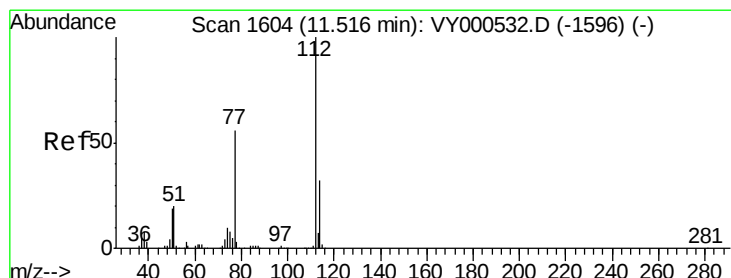
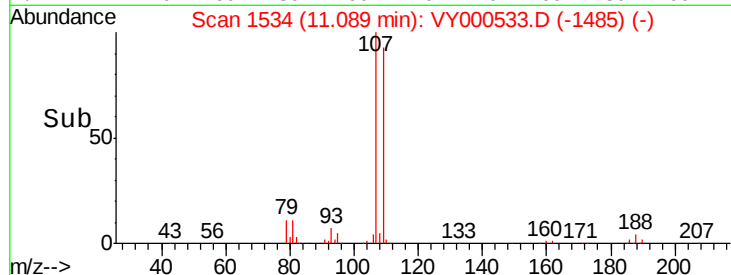
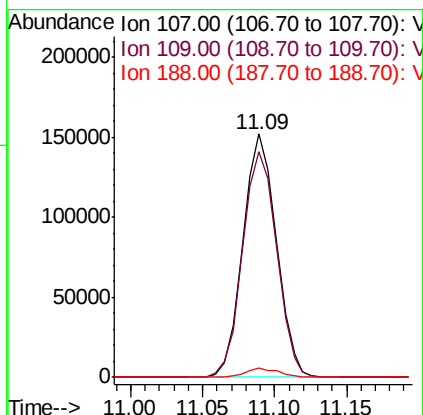
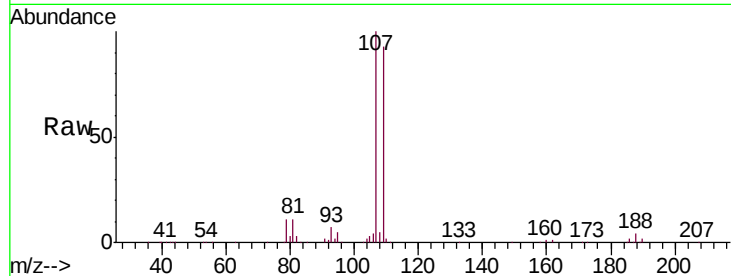




#50
1,2-Dibromoethane
Concen: 48.852 ug/L
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

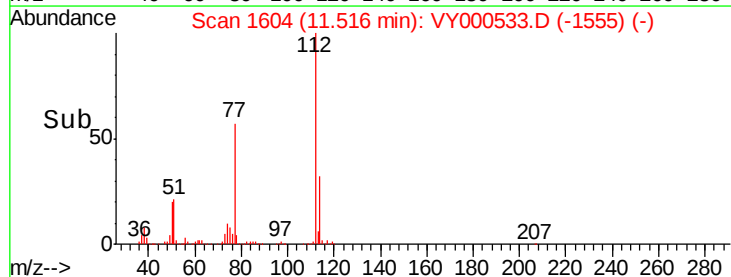
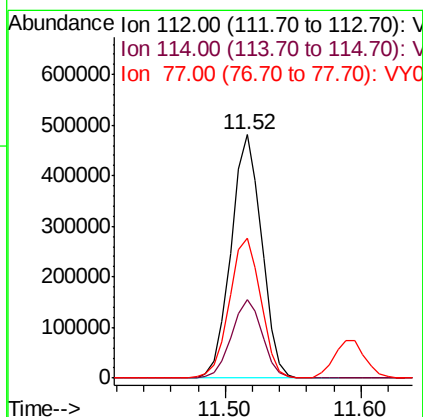
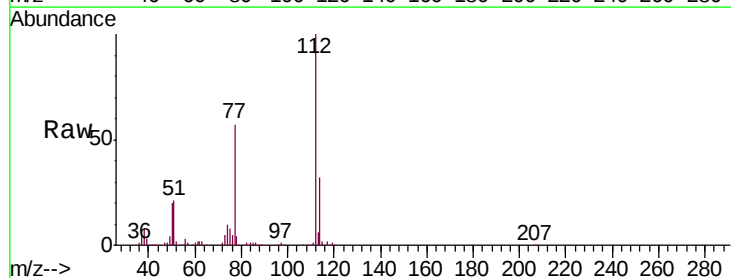
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

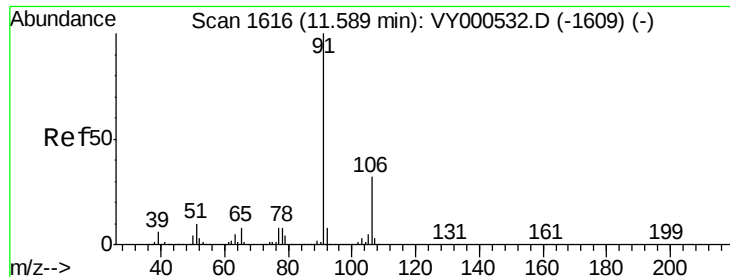
Tgt Ion:107 Resp: 244646
Ion Ratio Lower Upper
107 100
109 92.8 68.3 126.9
188 3.9 2.2 3.2#



#51
Chlorobenzene
Concen: 48.317 ug/L
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion:112 Resp: 753539
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 57.3 45.3 67.9





#52

Ethylbenzene

Concen: 49.970 ug/L

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

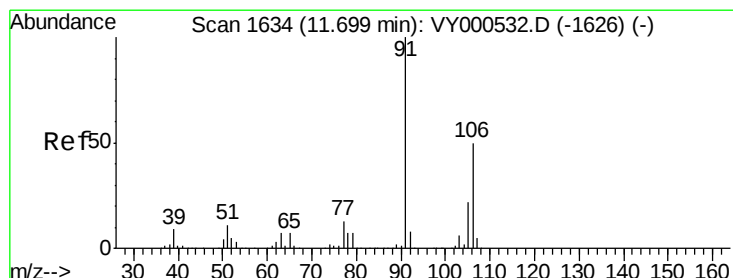
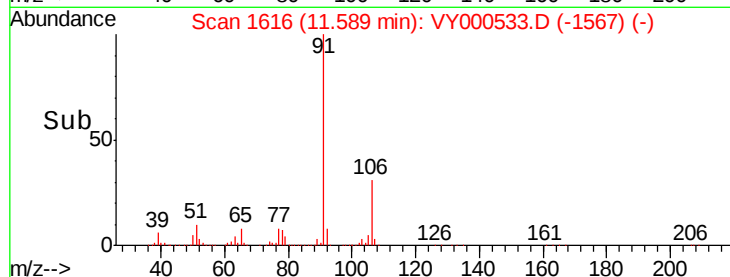
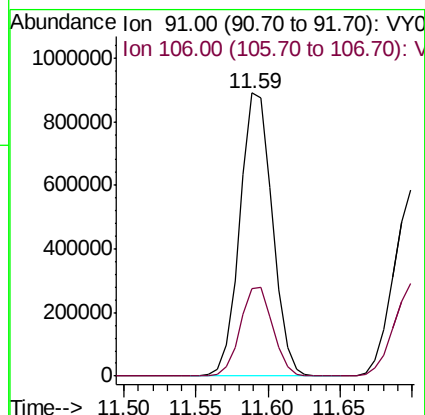
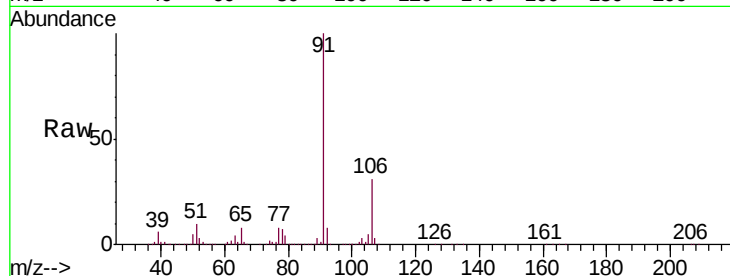
VSTD050801

Tgt Ion: 91 Resp: 1391836

Ion Ratio Lower Upper

91 100

106 31.1 22.2 41.2



#53

m,p-Xylene

Concen: 49.838 ug/L

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000533.D

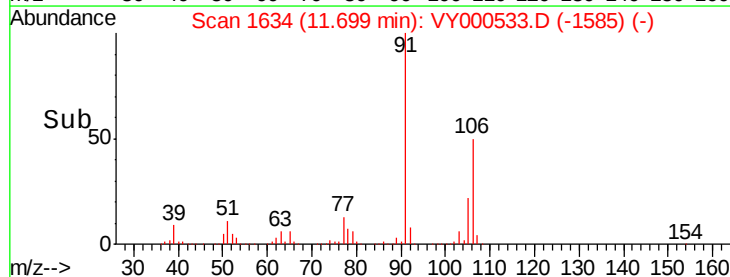
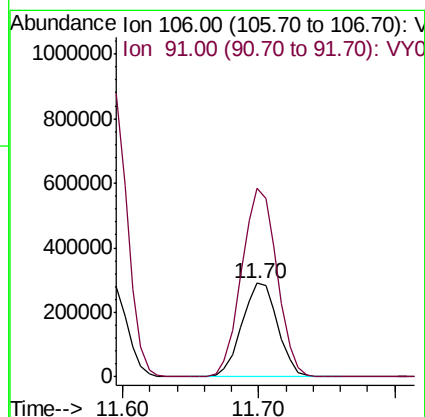
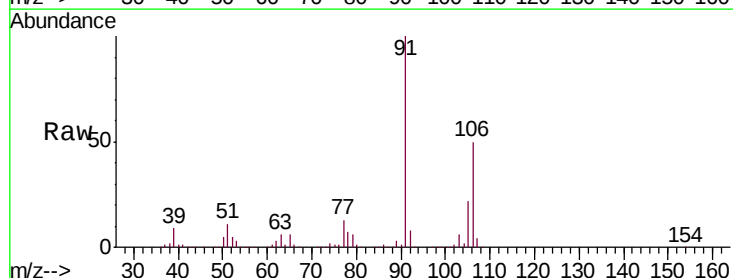
Acq: 05 Nov 2019 10:50

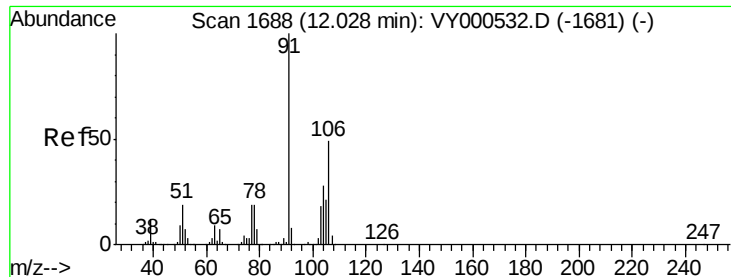
Tgt Ion: 106 Resp: 531934

Ion Ratio Lower Upper

106 100

91 201.5 138.8 257.8

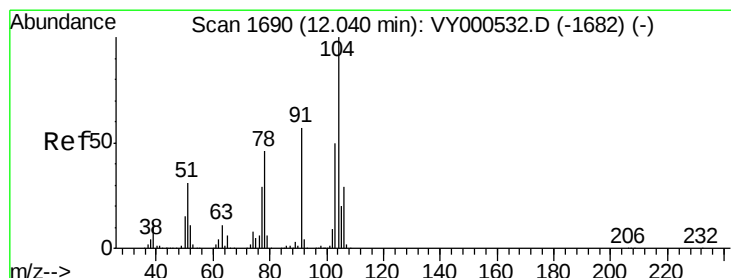
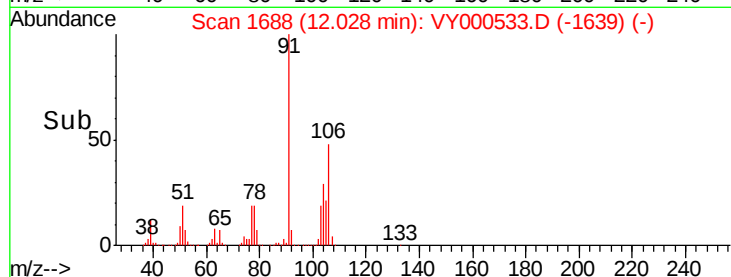
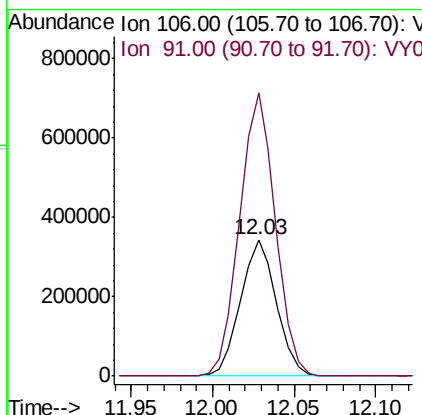
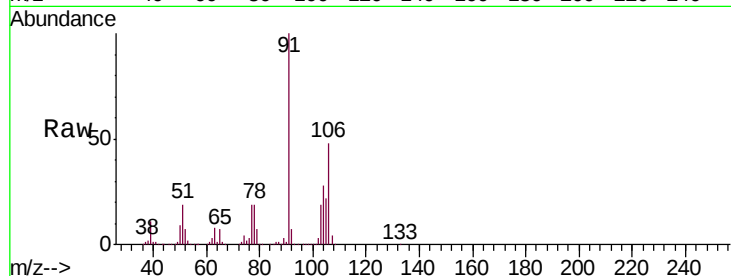




#54
o-Xylene
Concen: 50.595 ug/L
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

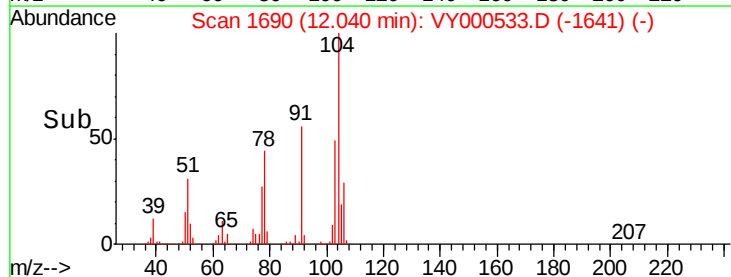
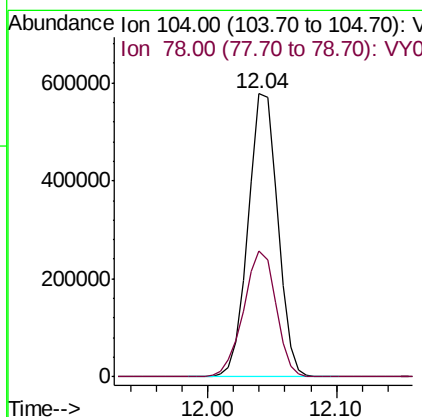
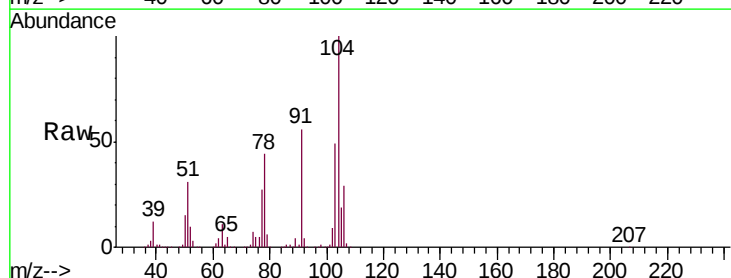
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

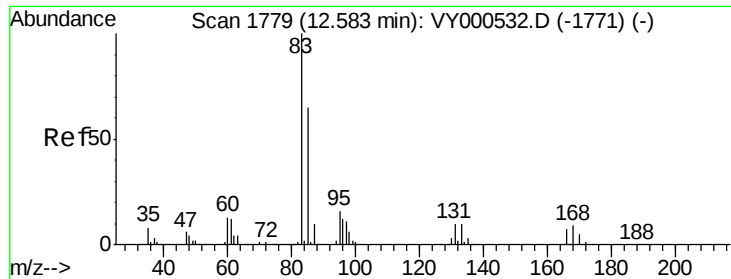
Tgt Ion:106 Resp: 524461
Ion Ratio Lower Upper
106 100
91 207.6 143.6 266.6



#55
Styrene
Concen: 52.093 ug/L
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion:104 Resp: 913193
Ion Ratio Lower Upper
104 100
78 44.5 32.3 60.1

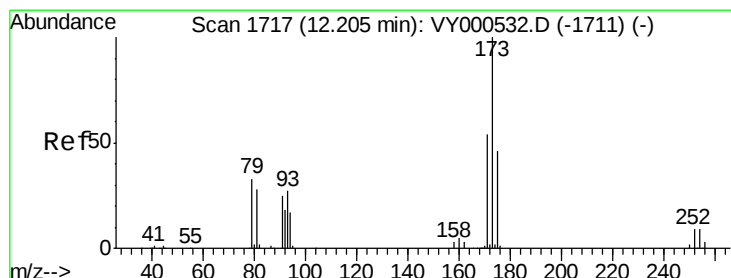
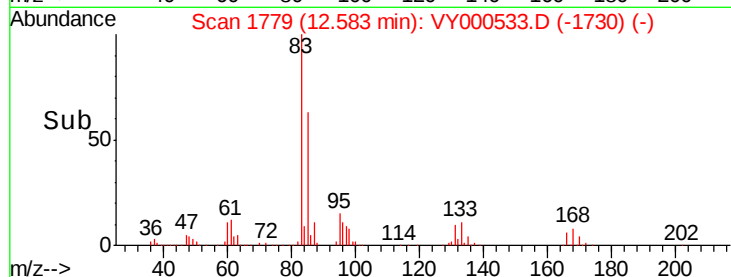
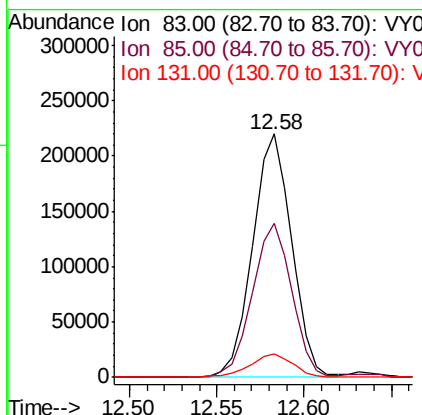
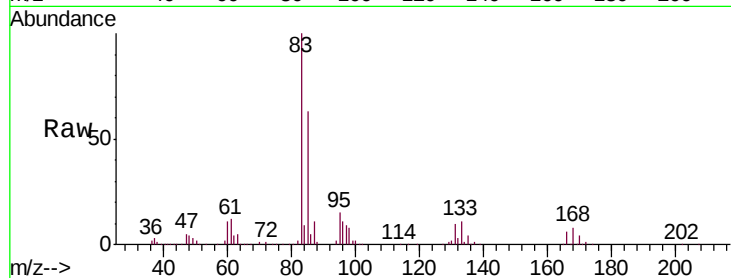




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.862 ug/L
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

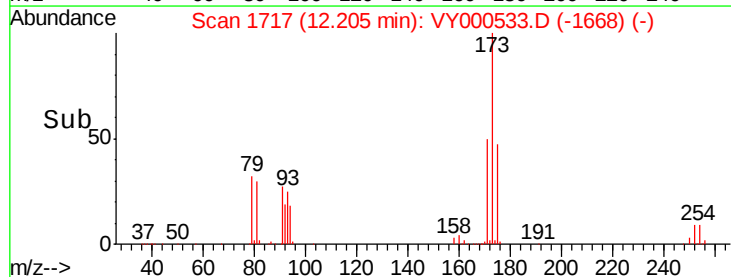
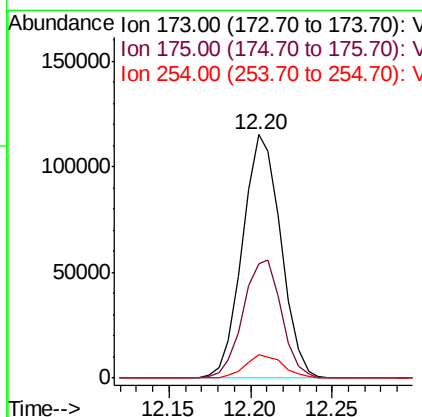
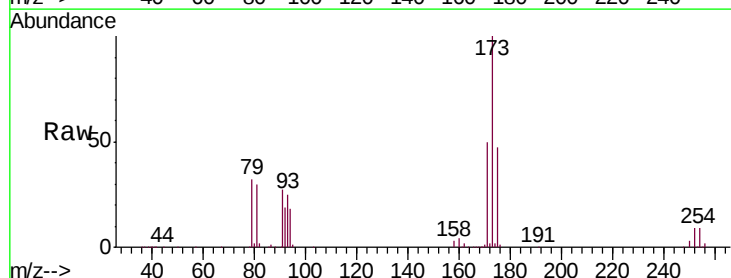
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050801

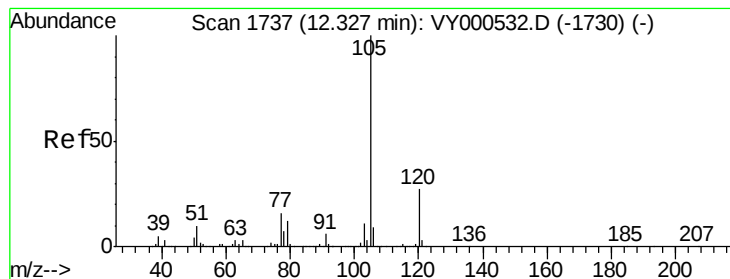
Tgt Ion: 83 Resp: 341395
 Ion Ratio Lower Upper
 83 100
 85 63.4 45.4 84.2
 131 9.6 7.9 11.9



#59
 Bromoform
 Concen: 51.277 ug/L
 RT: 12.20 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

Tgt Ion: 173 Resp: 188805
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.2 57.2
 254 9.4 7.8 11.8





#60

Isopropylbenzene

Concen: 49.688 ug/L

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050801

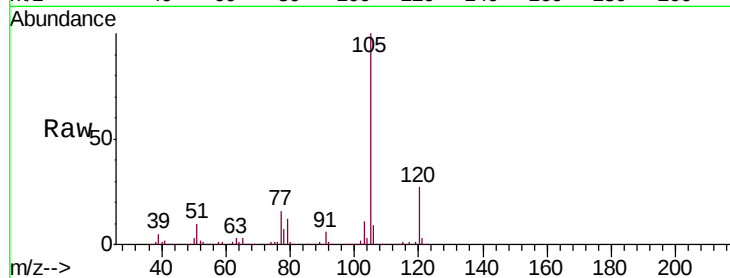
Tgt Ion: 105 Resp: 1373508

Ion Ratio Lower Upper

105 100

120 26.9 21.8 32.8

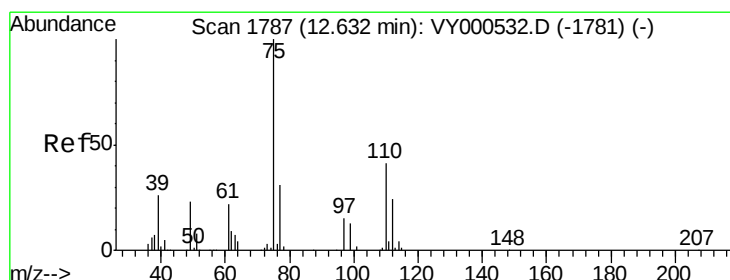
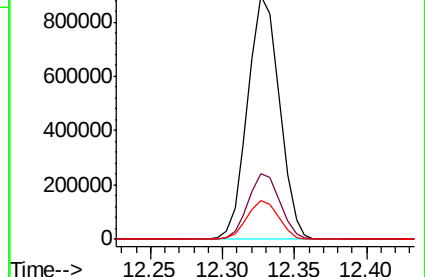
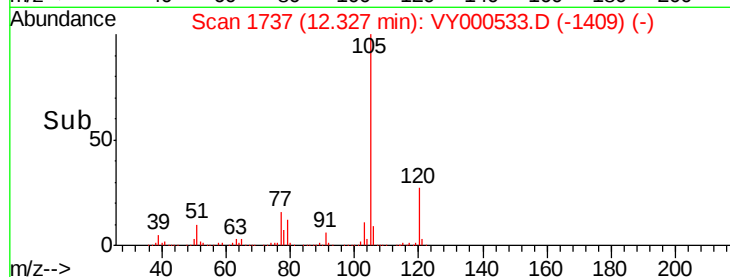
77 15.7 12.6 19.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 48.883 ug/L

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000533.D

Acq: 05 Nov 2019 10:50

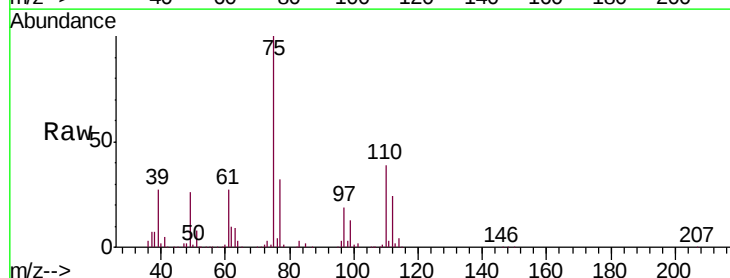
Tgt Ion: 75 Resp: 268721

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

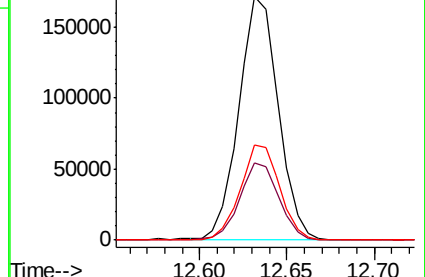
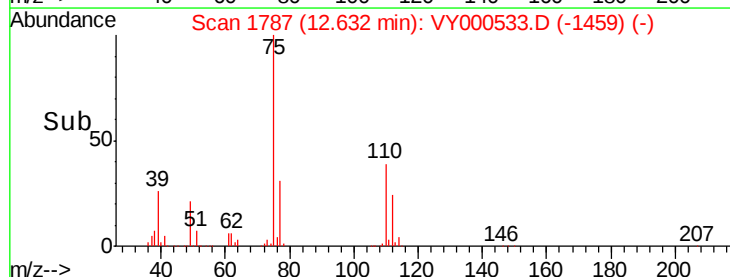
110 38.9 33.0 49.4

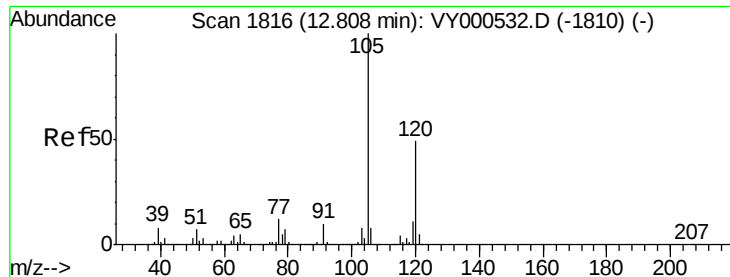


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

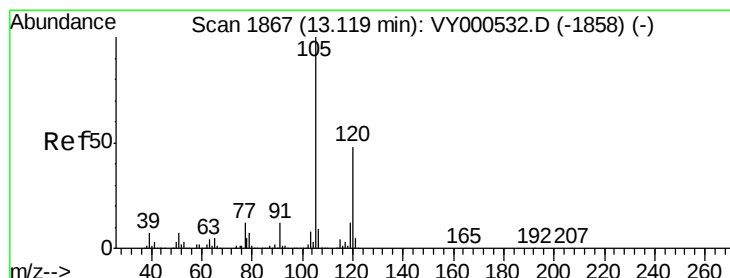
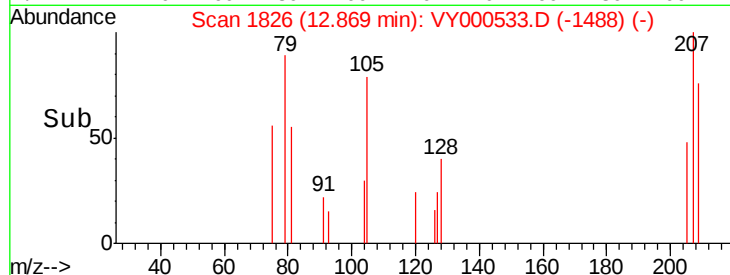
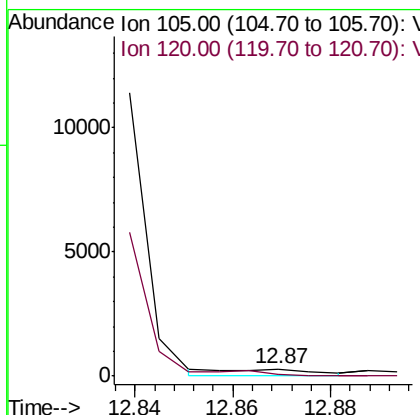
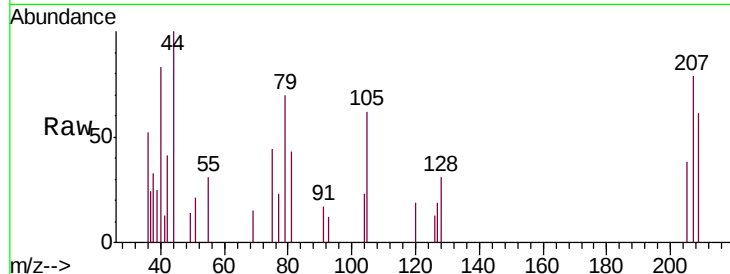




#62
 1,3,5-Trimethylbenzene
 Concen: 0.014 ug/L
 RT: 12.87 min Scan# 1826
 Delta R.T. 0.06 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

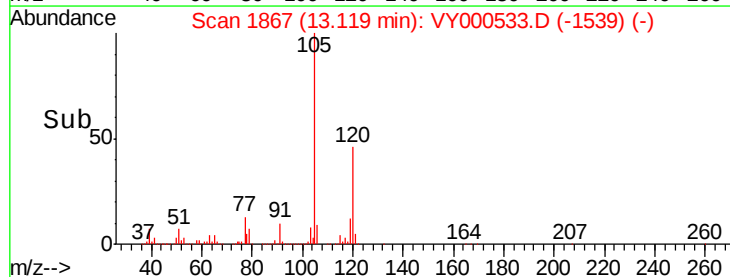
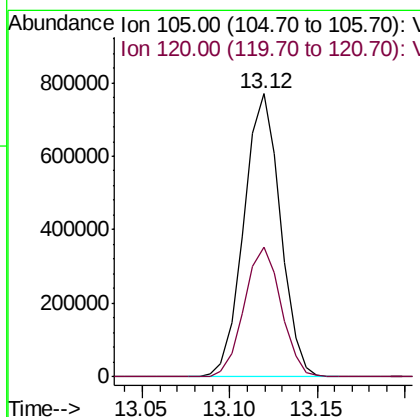
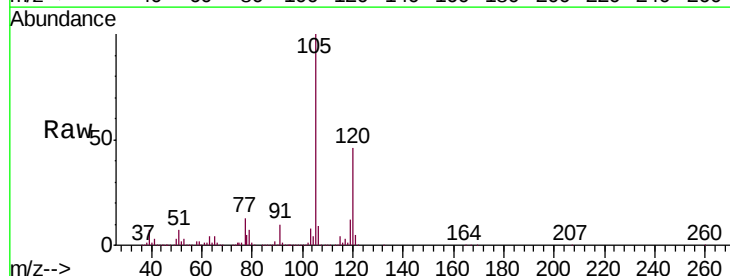
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050801

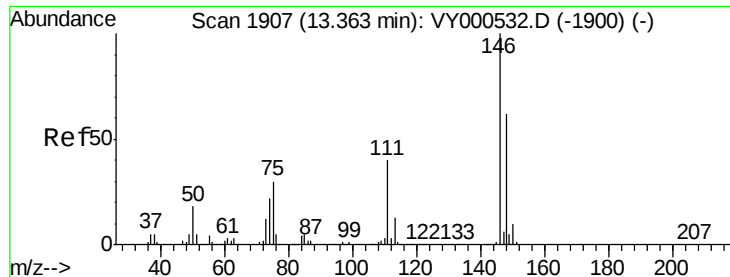
Tgt Ion:105 Resp: 367
 Ion Ratio Lower Upper
 105 100
 120 30.0 25.9 38.9



#63
 1,2,4-Trimethylbenzene
 Concen: 49.613 ug/L
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

Tgt Ion:105 Resp: 1119773
 Ion Ratio Lower Upper
 105 100
 120 46.3 40.3 60.5

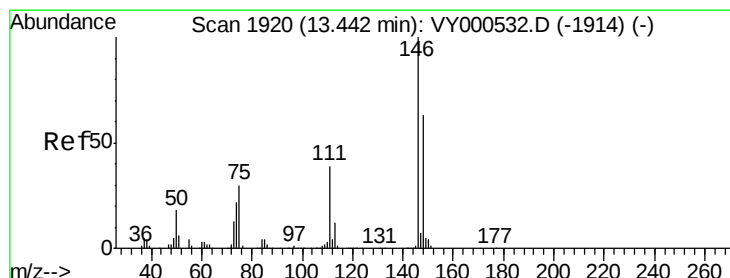
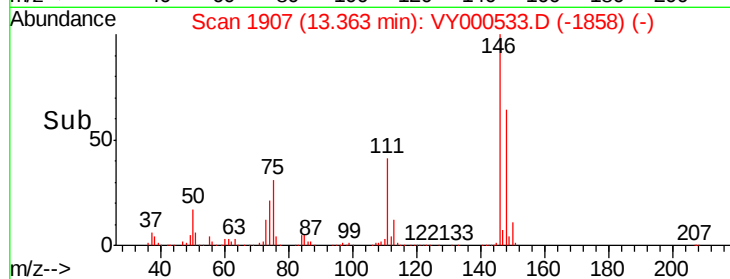
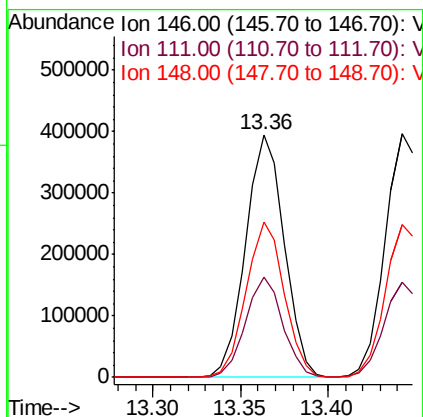
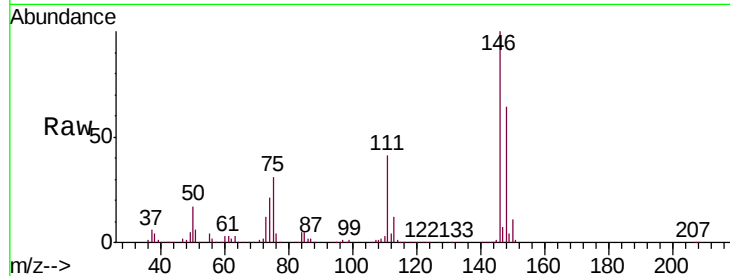




#64
 1,3-Dichlorobenzene
 Concen: 48.848 ug/L
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

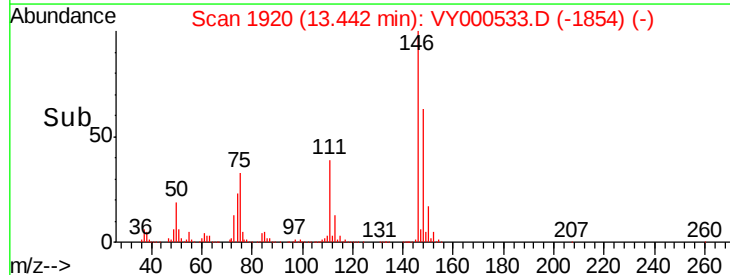
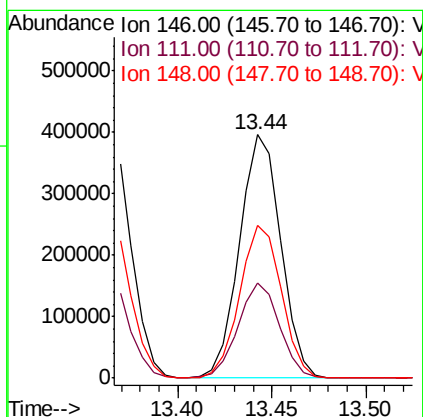
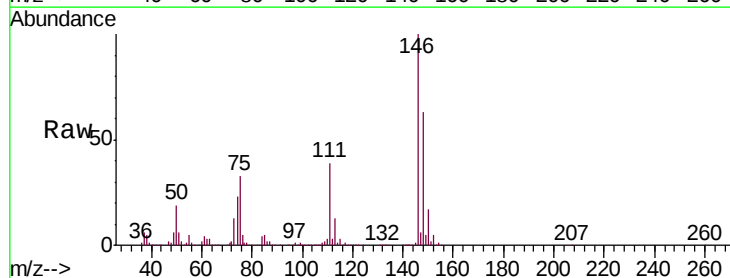
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050801

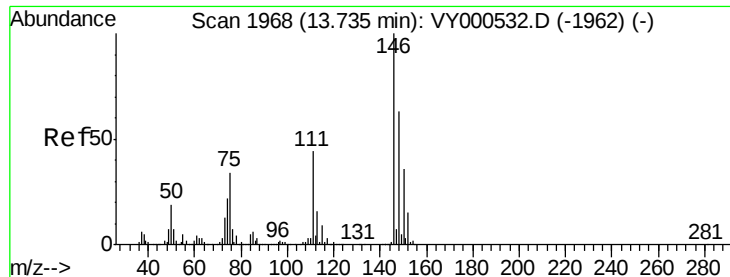
Tgt Ion:146 Resp: 605279
 Ion Ratio Lower Upper
 146 100
 111 41.1 27.9 51.7
 148 64.0 43.5 80.7



#65
 1,4-Dichlorobenzene
 Concen: 48.380 ug/L
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

Tgt Ion:146 Resp: 603191
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.4 50.8
 148 62.6 44.4 82.5

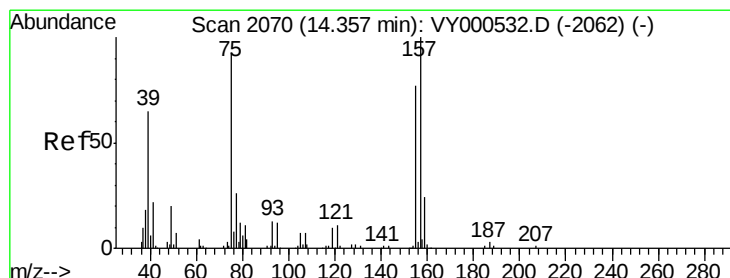
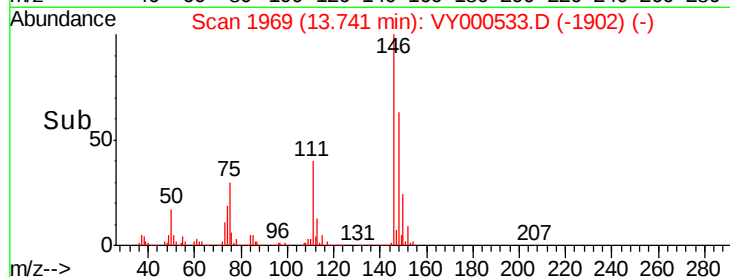
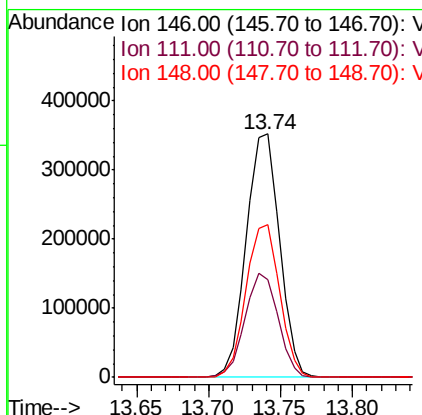
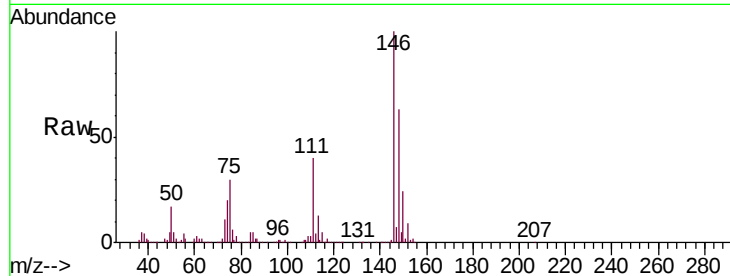




#67
 1,2-Dichlorobenzene
 Concen: 48.589 ug/L
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

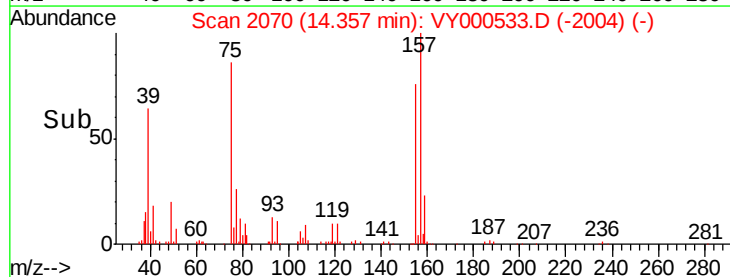
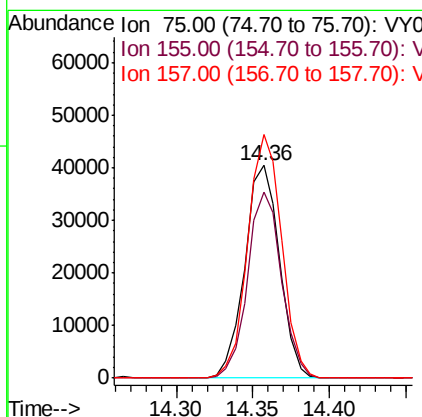
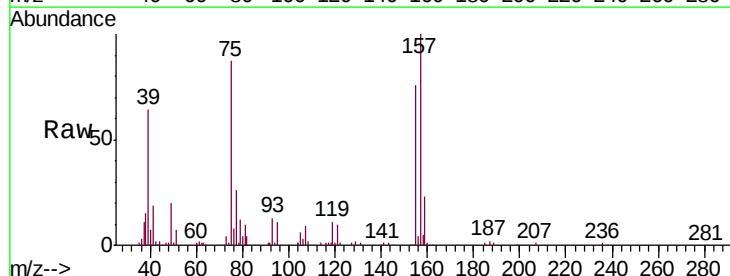
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050801

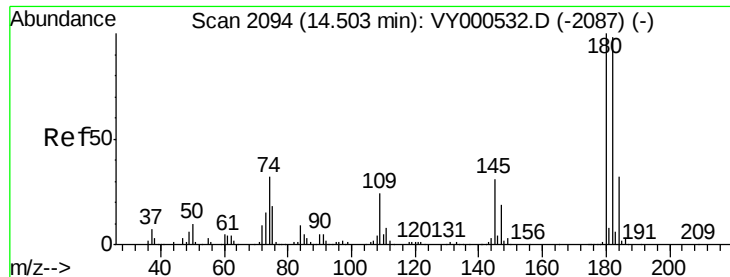
Tgt Ion: 146 Resp: 563881
 Ion Ratio Lower Upper
 146 100
 111 40.1 35.6 53.4
 148 62.6 50.8 76.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 50.209 ug/L
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

Tgt Ion: 75 Resp: 63894
 Ion Ratio Lower Upper
 75 100
 155 87.7 66.3 99.5
 157 114.6 86.4 129.6

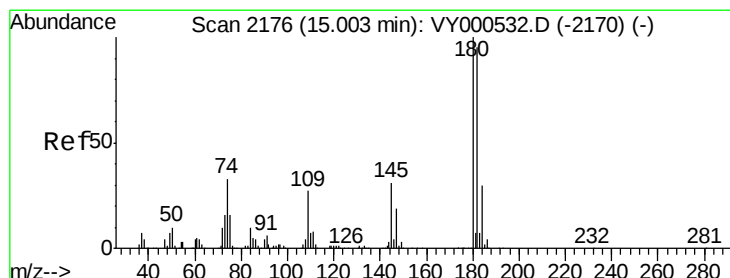
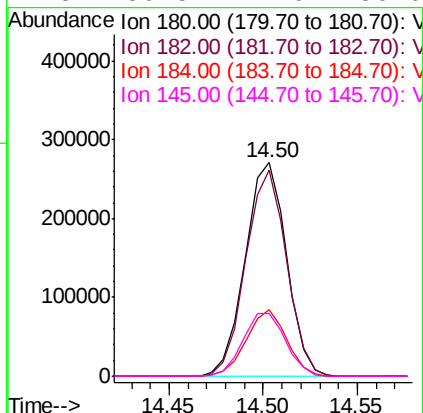
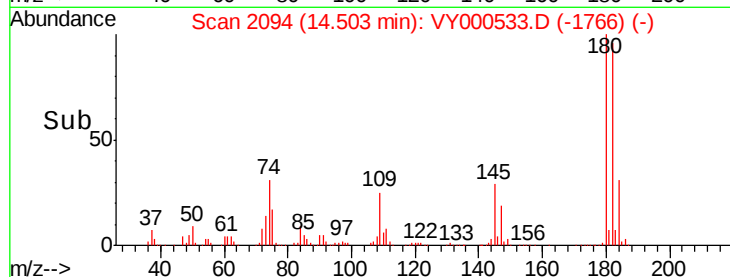
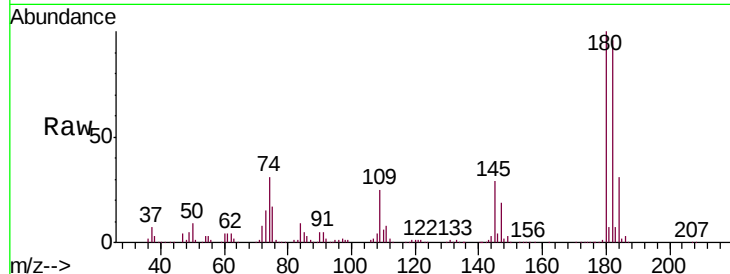




#69
 1,3,5-Trichlorobenzene
 Concen: 48.140 ug/L
 RT: 14.50 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

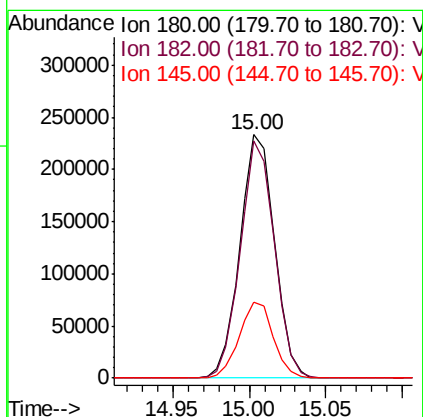
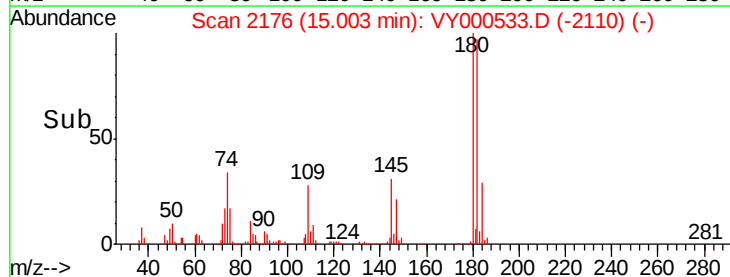
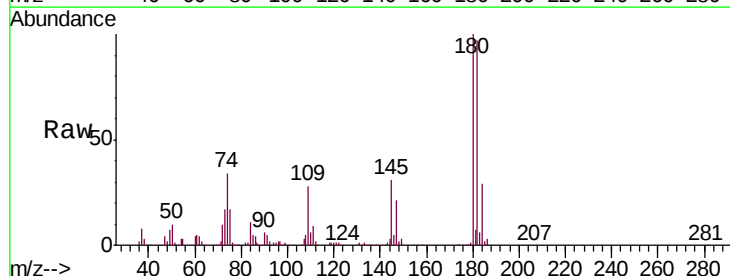
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050801

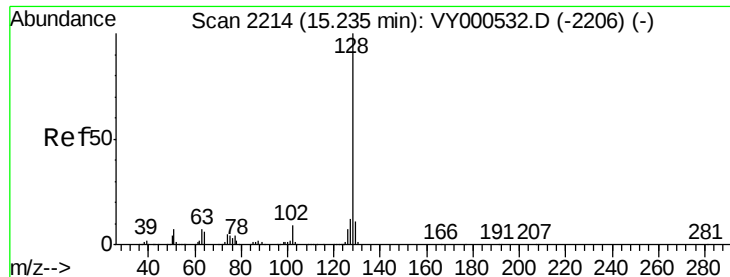
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
184	30.3	24.5	36.7
145	30.5	24.0	36.0



#70
 1,2,4-trichlorobenzene
 Concen: 47.056 ug/L
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000533.D
 Acq: 05 Nov 2019 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.6	112.0
145	30.8	24.9	37.3

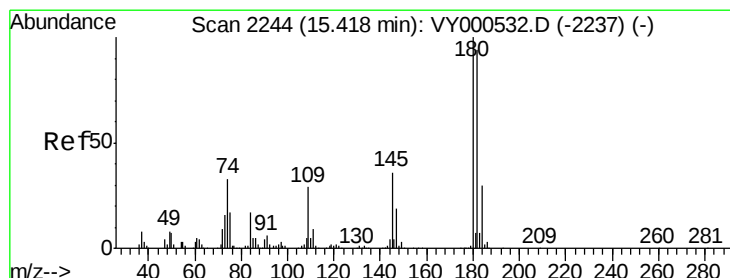
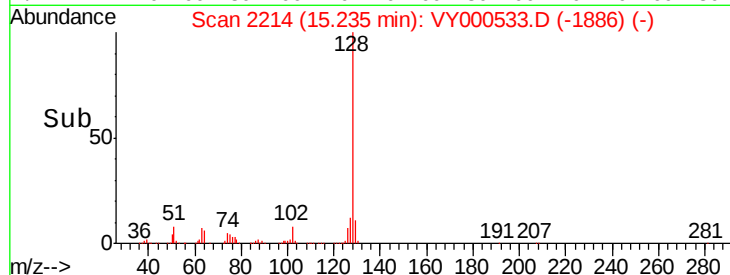
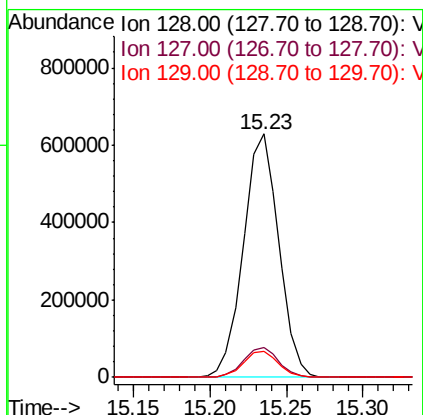
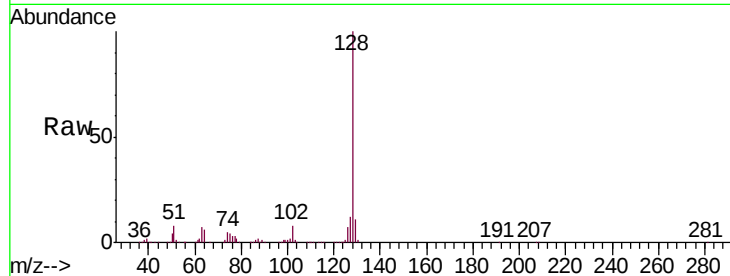




#71
Naphthalene
Concen: 49.652 ug/L
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050801

Tgt Ion:128 Resp: 1010492
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.077 ug/L
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000533.D
Acq: 05 Nov 2019 10:50

Tgt Ion:180 Resp: 346973
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.4
145 32.6 26.5 39.7

