

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122920\
 Data File : VY003850.D
 Acq On : 29 Dec 2020 13:37
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB94

Quant Time: Dec 30 07:15:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 29 13:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	332865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	312677	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	177730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	131362	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
7) Chloroethane-d5	2.77	69	109284	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
11) 1,1-Dichloroethene-d2	3.86	63	239851	24.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.72%
21) 2-Butanone-d5	6.89	46	111204	51.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.86%
24) Chloroform-d	7.48	84	242030	26.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	8.14	65	154813	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.76%
32) Benzene-d6	8.11	84	460411	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
36) 1,2-Dichloropropane-d6	9.12	67	138437	27.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.00%
41) Toluene-d8	10.18	98	443487	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	10.43	79	77899	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.72%
47) 2-Hexanone-d5	10.78	63	85545	53.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.60%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	139627	27.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.80%
66) 1,2-Dichlorobenzene-d4	13.72	152	180720	27.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	119155	21.368	ug/L 100
3) Chloromethane	2.12	50	138146	22.122	ug/L 99
5) Vinyl chloride	2.25	62	154316	23.290	ug/L 99
6) Bromomethane	2.66	94	99598	24.587	ug/L 94
8) Chloroethane	2.80	64	96628	24.165	ug/L 100
9) Trichlorofluoromethane	3.13	101	213123	24.077	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	114074	24.543	ug/L 99
12) 1,1-Dichloroethene	3.87	96	108284	24.817	ug/L 94
13) Acetone	3.95	43	75323	47.151	ug/L 99
14) Carbon disulfide	4.20	76	371170	25.274	ug/L 97
15) Methyl Acetate	4.48	43	90630	24.658	ug/L 99
16) Methylene chloride	4.72	84	122621	22.969	ug/L 96
17) trans-1,2-Dichloroethene	5.22	96	118082	24.733	ug/L 99
18) Methyl tert-butyl Ether	5.23	73	350735	24.871	ug/L 99
19) 1,1-Dichloroethane	6.02	63	212948	24.686	ug/L 95
20) cis-1,2-Dichloroethene	6.99	96	129146	25.018	ug/L 100
22) 2-Butanone	6.98	43	119161	48.127	ug/L 99

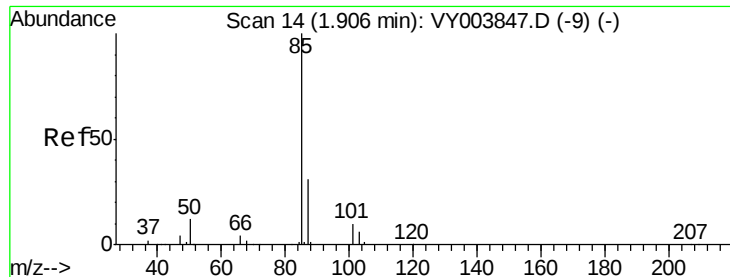
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122920\
 Data File : VY003850.D
 Acq On : 29 Dec 2020 13:37
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 Quant Title : VOC Analysis
 QLast Update : Tue Dec 29 13:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	63855	25.016	ug/L	98
25) Chloroform	7.51	83	223843	24.754	ug/L	95
27) 1,2-Dichloroethane	8.24	62	181008	25.756	ug/L	99
29) Cyclohexane	7.78	56	209915	25.618	ug/L	100
30) 1,1,1-Trichloroethane	7.70	97	211634	25.146	ug/L	99
31) Carbon tetrachloride	7.90	117	196152	25.202	ug/L	99
33) Benzene	8.16	78	490556	25.666	ug/L	100
34) Trichloroethene	8.93	95	133236	25.224	ug/L	95
35) Methylcyclohexane	9.18	83	222208	25.850	ug/L	98
37) 1,2-Dichloropropane	9.22	63	124112	25.506	ug/L	100
38) Bromodichloromethane	9.50	83	175866	25.653	ug/L	99
39) cis-1,3-Dichloropropene	9.92	75	213026	25.627	ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	262909	50.610	ug/L	100
42) Toluene	10.24	91	540476	25.563	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	205544	25.614	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	105022	25.129	ug/L	98
46) Tetrachloroethene	10.72	164	113124	24.759	ug/L	98
48) 2-Hexanone	10.83	43	189988	50.195	ug/L	98
49) Dibromochloromethane	10.98	129	136813	25.857	ug/L	100
50) 1,2-Dibromoethane	11.09	107	104674	25.364	ug/L	98
51) Chlorobenzene	11.51	112	349259	25.543	ug/L	100
52) Ethylbenzene	11.59	91	611294	25.811	ug/L	99
53) m,p-Xylene	11.70	106	232651	25.903	ug/L	96
54) o-Xylene	12.03	106	227765	26.044	ug/L	98
55) Styrene	12.04	104	395016	26.120	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	126042	25.484	ug/L	99
59) Bromoform	12.20	173	97646	25.456	ug/L	99
60) Isopropylbenzene	12.32	105	613452	26.108	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	108256	24.802	ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	520926	26.692	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	521922	26.398	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	292155	25.668	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	295326	25.623	ug/L	98
67) 1,2-Dichlorobenzene	13.73	146	280119	26.281	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	27989	25.797	ug/L	94
69) 1,3,5-Trichlorobenzene	14.50	180	224337	25.282	ug/L	98
70) 1,2,4-trichlorobenzene	15.00	180	192403	25.574	ug/L	100
71) Naphthalene	15.23	128	413196	26.308	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	174460	26.252	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 21.368 ug/L

RT: 1.91 min Scan# 14

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

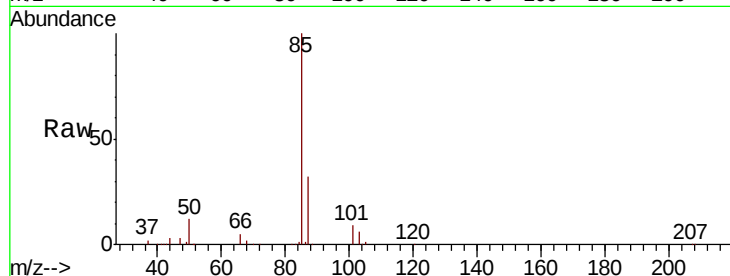
BFB94

Tot Ion: 85 Resp: 119155

Ion Ratio Lower Upper

85 100

87 32.1 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VY003847.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VY003847.D (-9) (-)

1.91

80000

60000

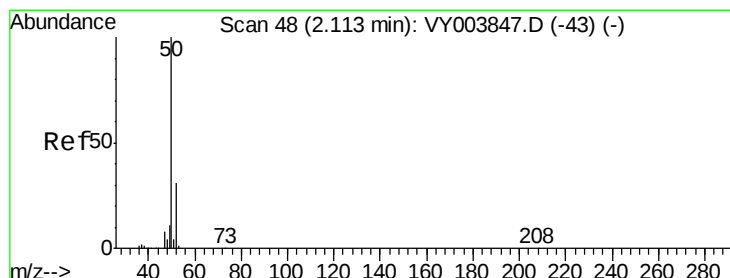
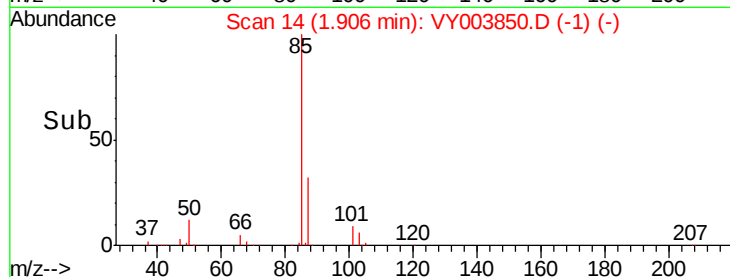
40000

20000

0

1.85 1.90 1.95 2.00 2.05

Time-->



#3

Chloromethane

Concen: 22.122 ug/L

RT: 2.12 min Scan# 49

Delta R.T. 0.01 min

Lab File: VY003850.D

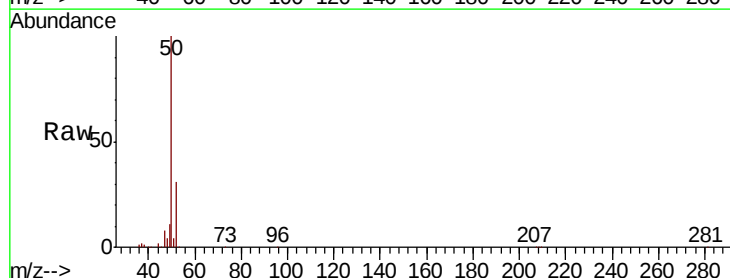
Acq: 29 Dec 2020 13:37

Tgt Ion: 50 Resp: 138146

Ion Ratio Lower Upper

50 100

52 31.0 22.0 41.0



Abundance Ion 50.00 (49.70 to 50.70): VY003847.D (-43) (-)

Ion 52.00 (51.70 to 52.70): VY003847.D (-43) (-)

2.12

100000

80000

60000

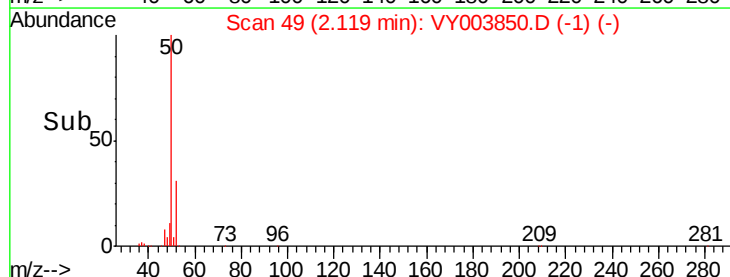
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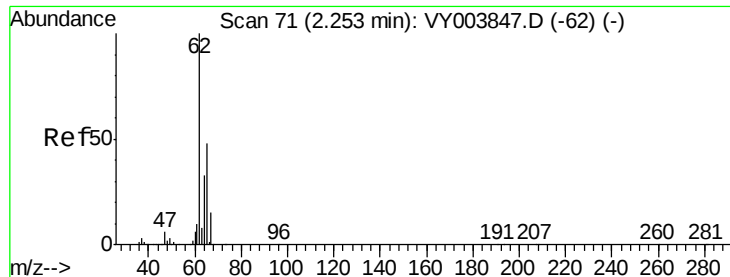
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0

2.05 2.10 2.15 2.20

Time-->





#5

Vinyl chloride

Concen: 23.290 ug/L

RT: 2.25 min Scan# 71

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

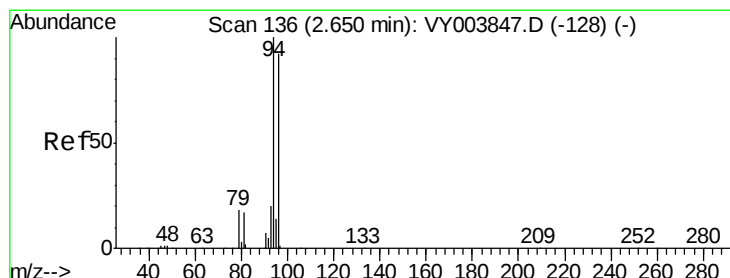
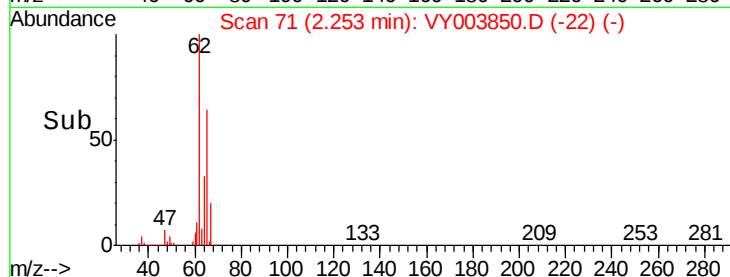
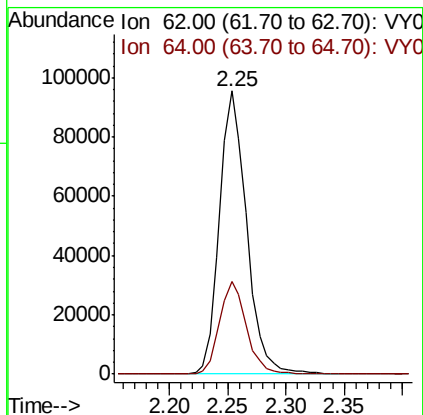
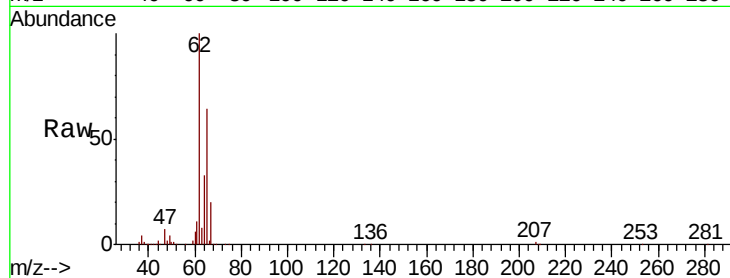
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Tot Ion: 62 Resp: 154316

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.2



#6

Bromomethane

Concen: 24.587 ug/L

RT: 2.66 min Scan# 137

Delta R.T. 0.01 min

Lab File: VY003850.D

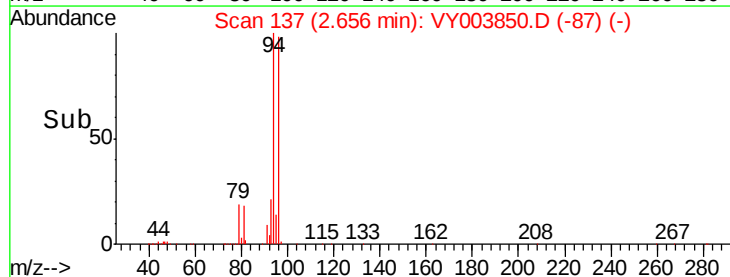
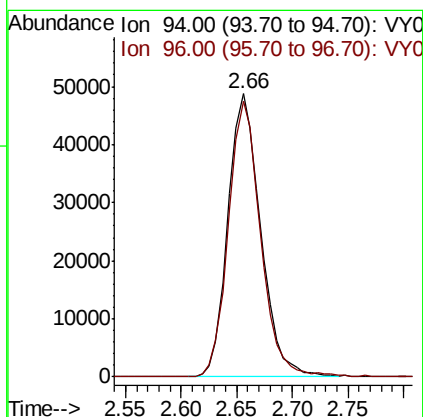
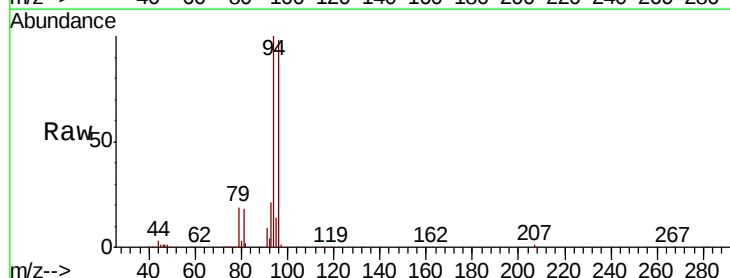
Acq: 29 Dec 2020 13:37

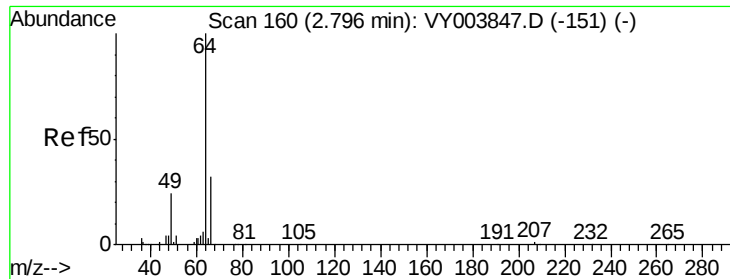
Tgt Ion: 94 Resp: 99598

Ion Ratio Lower Upper

94 100

96 97.6 64.3 119.3

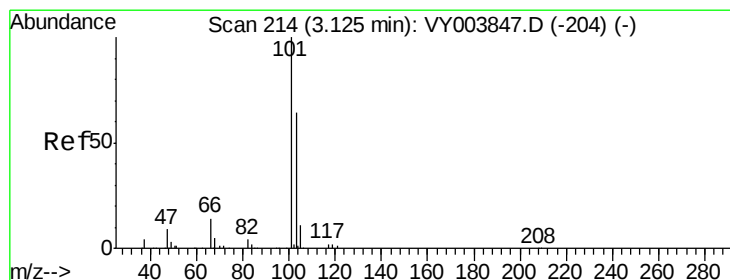
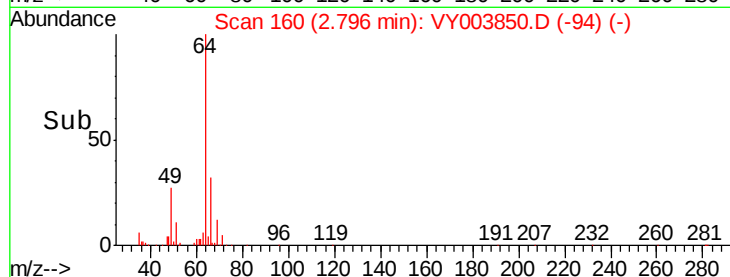
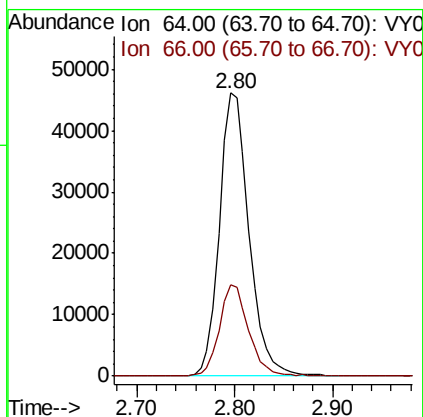
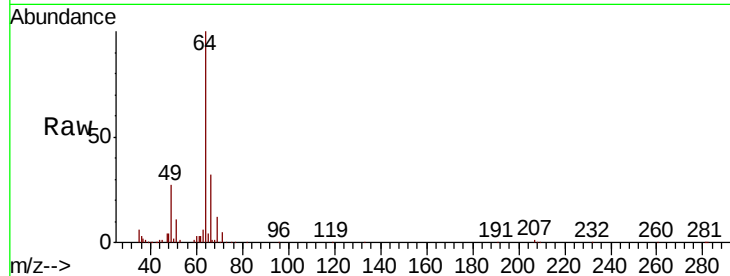




#8
Chloroethane
Concen: 24.165 ug/L
RT: 2.80 min Scan# 160
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

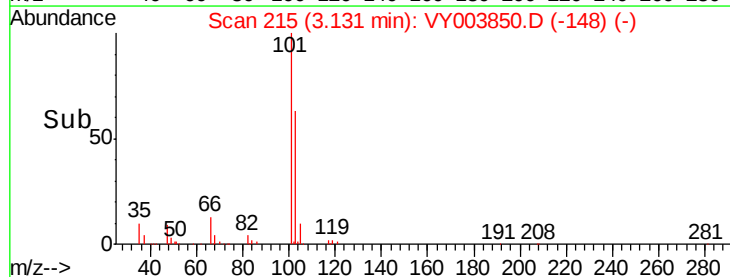
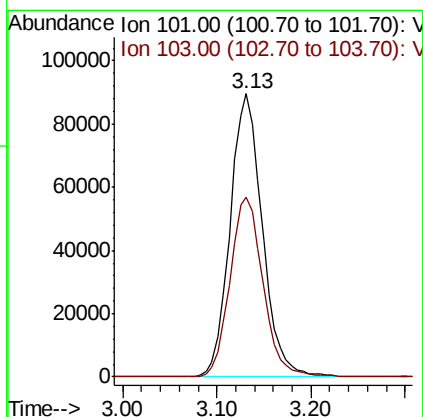
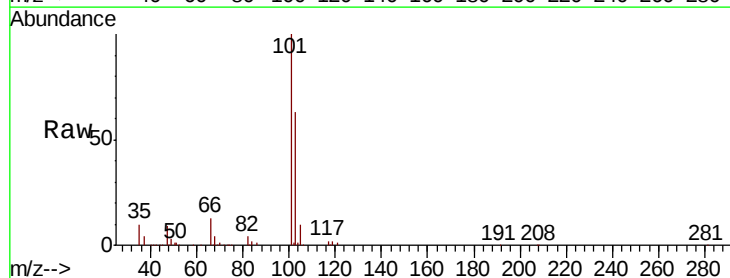
Instrument :
MSVOA_Y
ClientSampleId :
BFB94

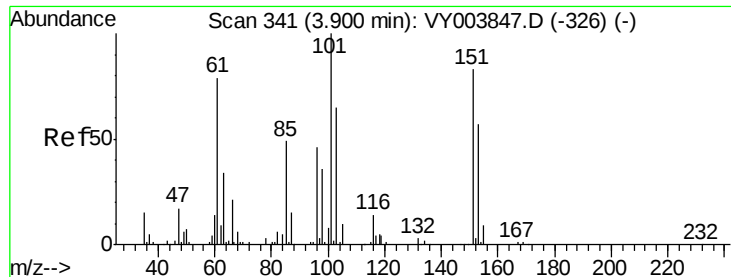
Tot Ion: 64 Resp: 96628
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 24.077 ug/L
RT: 3.13 min Scan# 215
Delta R.T. 0.01 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion: 101 Resp: 213123
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0





#10

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

Concen: 24.543 ug/L

RT: 3.91 min Scan# 342

Delta R.T. 0.01 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

BFB94

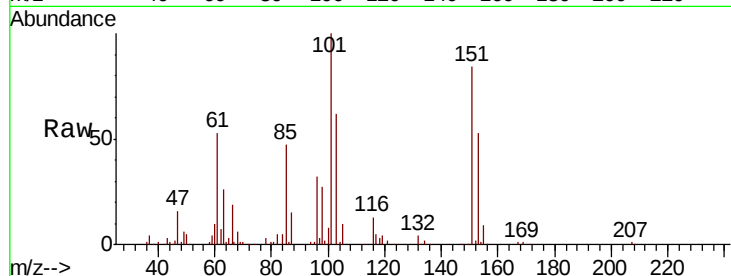
Tot Ion:101 Resp: 114074

Ion Ratio Lower Upper

101 100

85 45.5 37.1 55.7

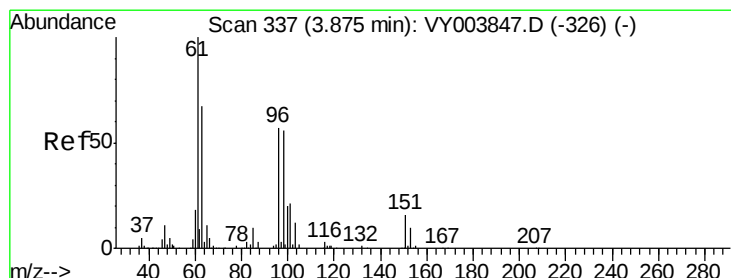
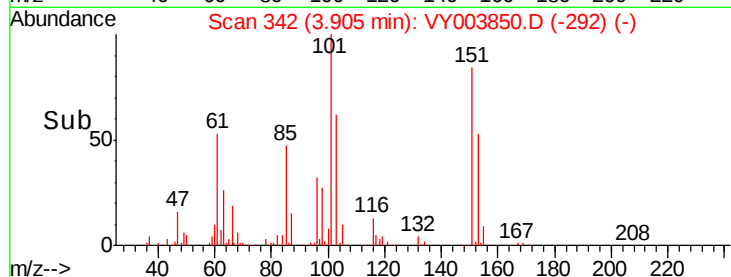
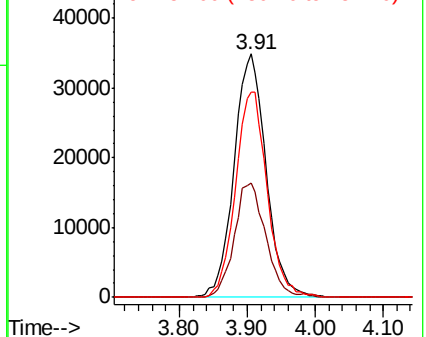
151 82.9 66.4 99.6



Abundance Ion 101.00 (100.70 to 101.70): VY003847.D (-326) (-)

Ion 85.00 (84.70 to 85.70): VY003847.D (-326) (-)

Ion 151.00 (150.70 to 151.70): VY003847.D (-326) (-)



#12

1,1-Dichloroethene

Concen: 24.817 ug/L

RT: 3.87 min Scan# 337

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

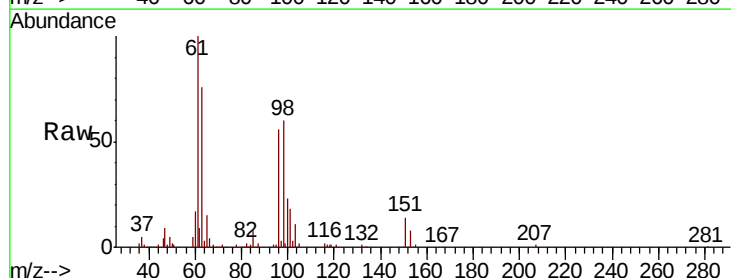
Tgt Ion: 96 Resp: 108284

Ion Ratio Lower Upper

96 100

61 178.7 123.8 230.0

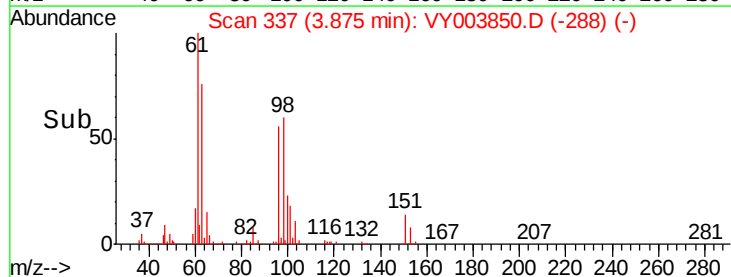
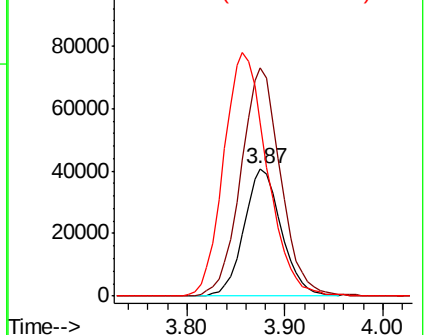
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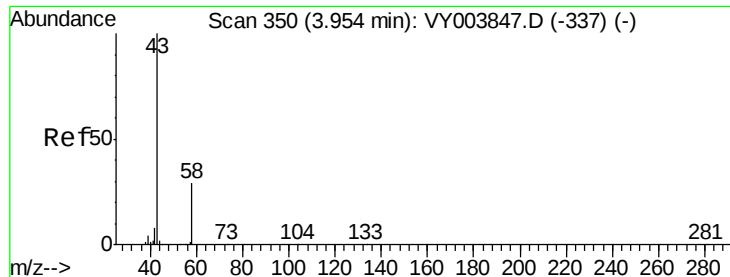


Abundance Ion 96.00 (95.70 to 96.70): VY003847.D (-326) (-)

Ion 61.00 (60.70 to 61.70): VY003847.D (-326) (-)

Ion 63.00 (62.70 to 63.70): VY003847.D (-326) (-)





#13

Acetone

Concen: 47.151 ug/L

RT: 3.95 min Scan# 350

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

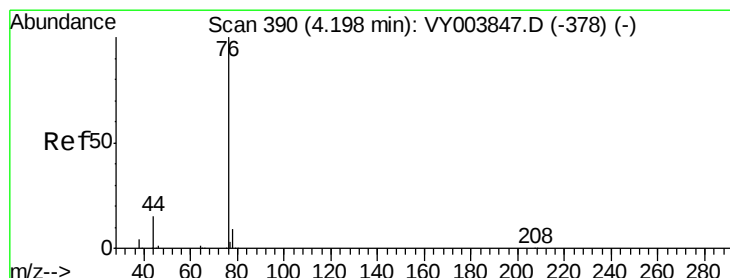
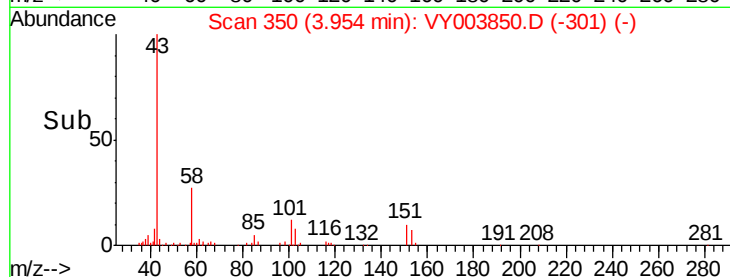
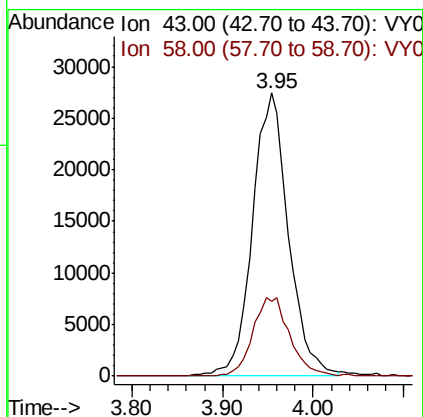
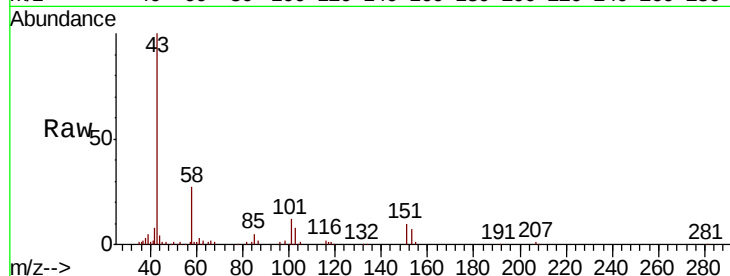
BFB94

Tot Ion: 43 Resp: 75323

Ion Ratio Lower Upper

43 100

58 28.7 0.0 58.4



#14

Carbon disulfide

Concen: 25.274 ug/L

RT: 4.20 min Scan# 390

Delta R.T. -0.00 min

Lab File: VY003850.D

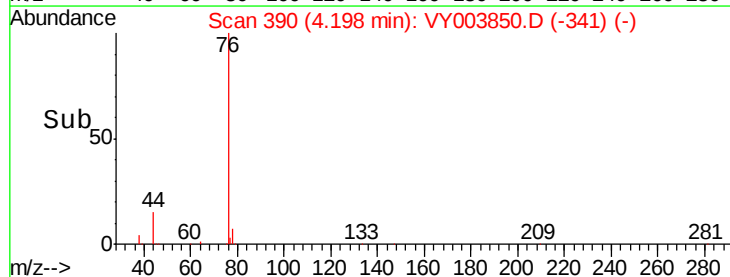
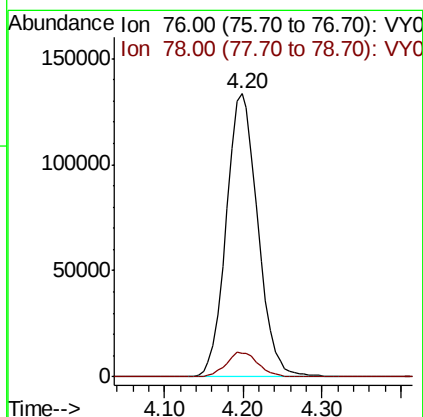
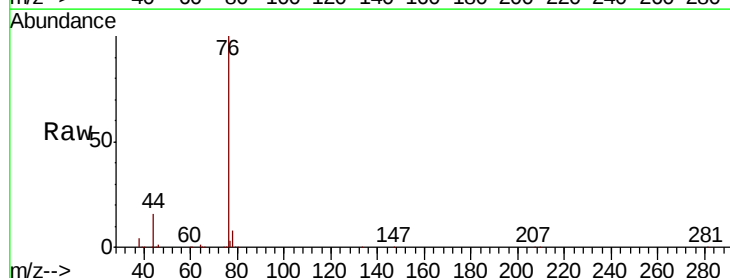
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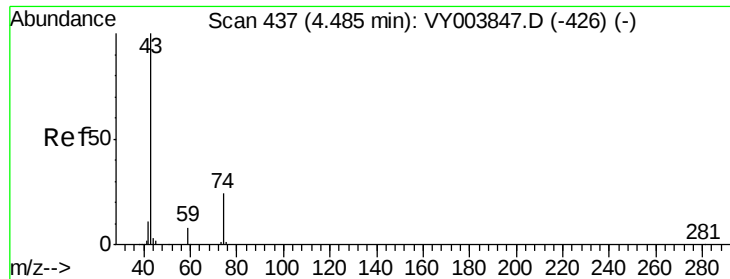
Tgt Ion: 76 Resp: 371170

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2

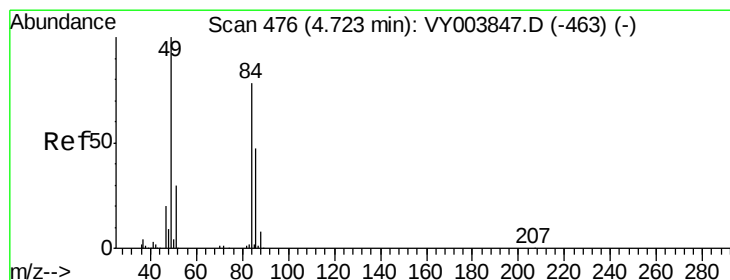
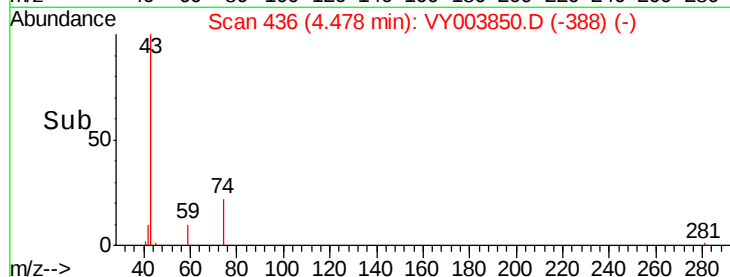
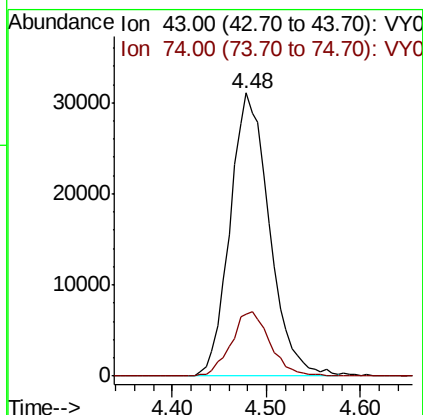
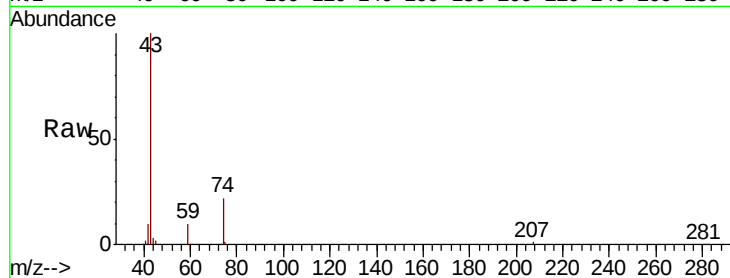




#15
Methyl Acetate
Concen: 24.658 ug/L
RT: 4.48 min Scan# 436
Delta R.T. -0.01 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

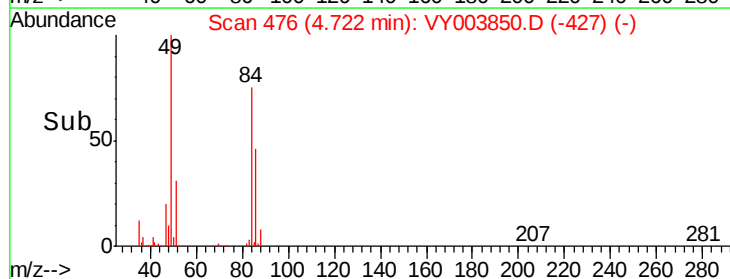
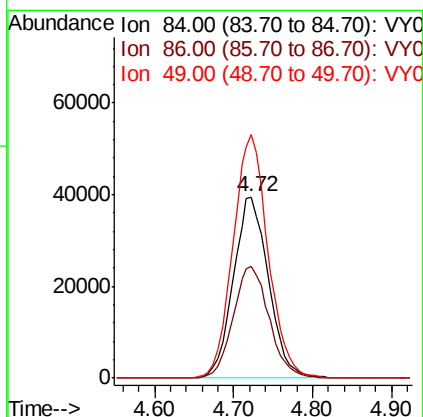
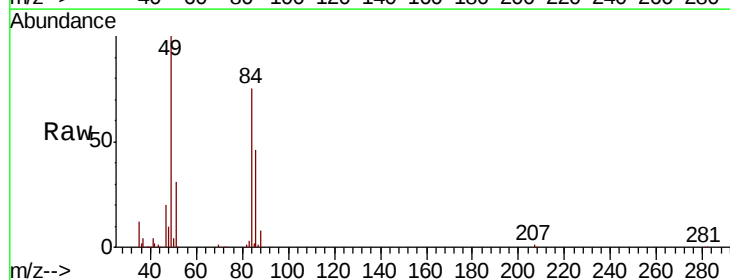
Instrument :
MSVOA_Y
ClientSampleId :
BFB94

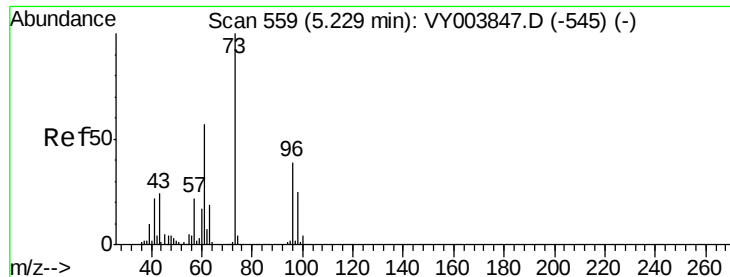
Tot Ion: 43 Resp: 90630
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2



#16
Methylene chloride
Concen: 22.969 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion: 84 Resp: 122621
Ion Ratio Lower Upper
84 100
86 61.8 42.1 78.3
49 134.2 90.3 167.7

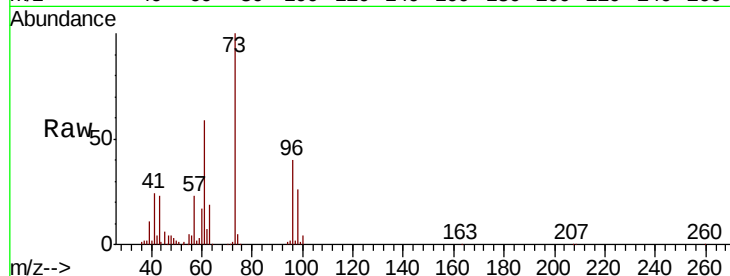




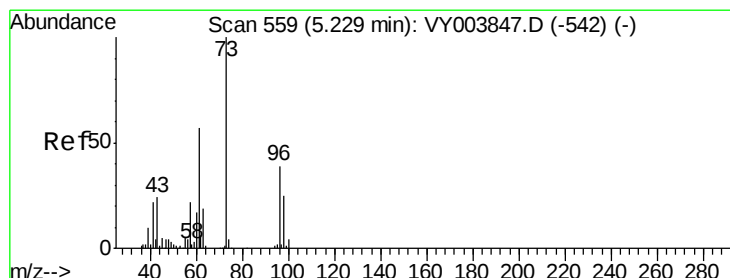
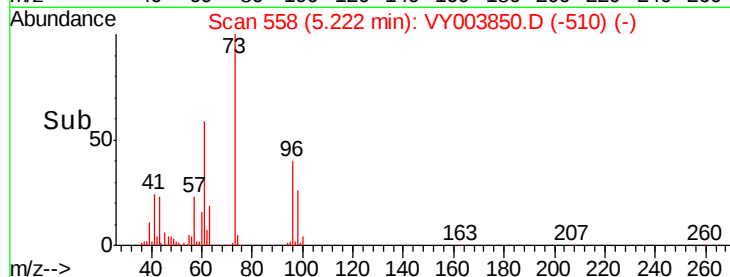
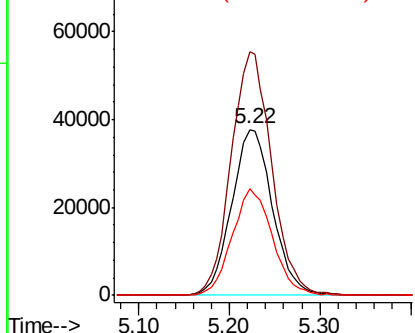
#17
trans-1,2-Dichloroethene
Concen: 24.733 ug/L
RT: 5.22 min Scan# 558
Delta R.T. -0.01 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
BFB94

Tot Ion: 96 Resp: 118082
Ion Ratio Lower Upper
96 100
61 146.5 101.7 188.9
98 64.2 44.3 82.3

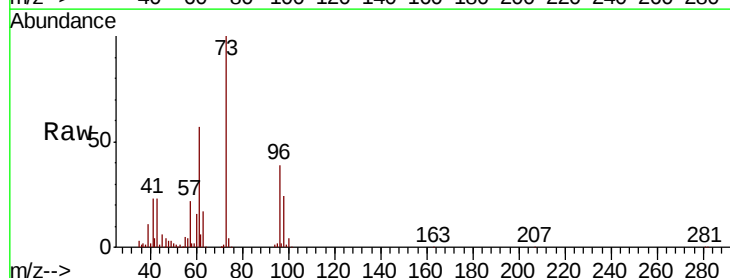


Abundance Ion 96.00 (95.70 to 96.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

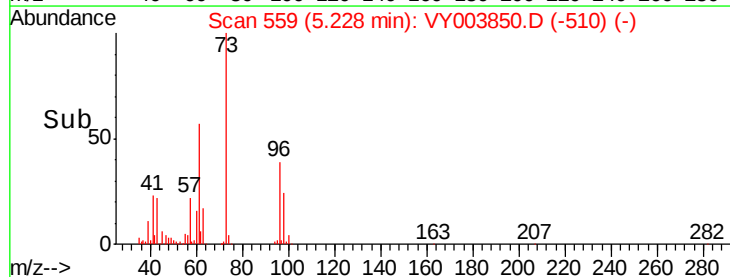
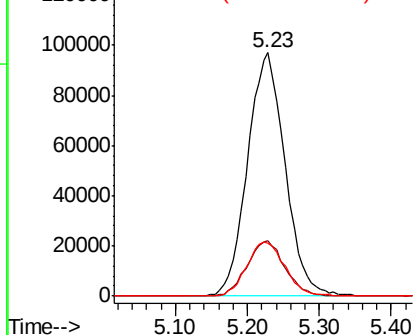


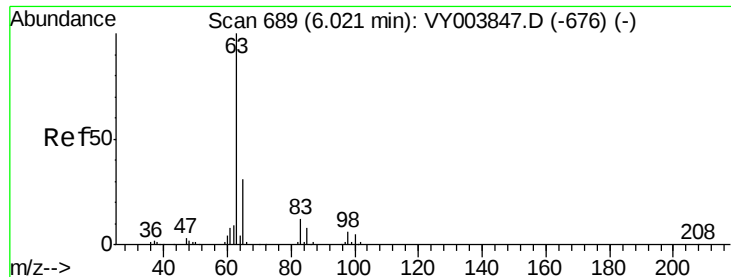
#18
Methyl tert-butyl Ether
Concen: 24.871 ug/L
RT: 5.23 min Scan# 559
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion: 73 Resp: 350735
Ion Ratio Lower Upper
73 100
43 22.9 18.4 27.6
57 22.5 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: 24.686 ug/L

RT: 6.02 min Scan# 689

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

BFB94

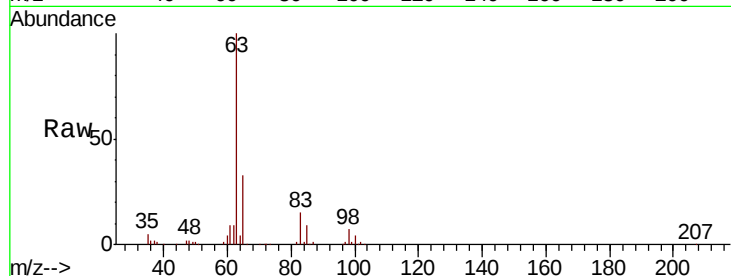
Tot Ion: 63 Resp: 212948

Ion Ratio Lower Upper

63 100

65 33.3 21.9 40.7

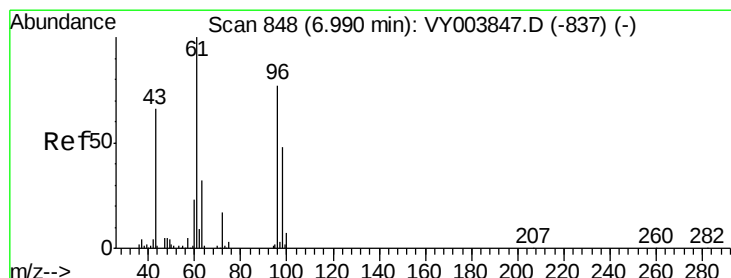
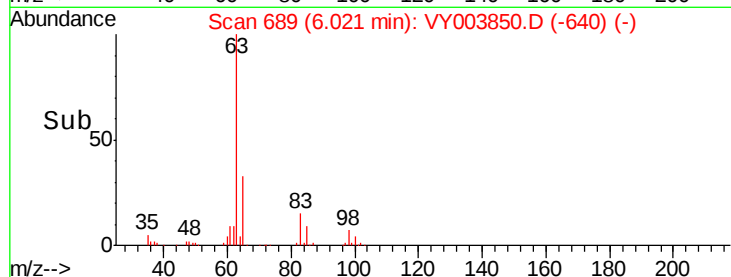
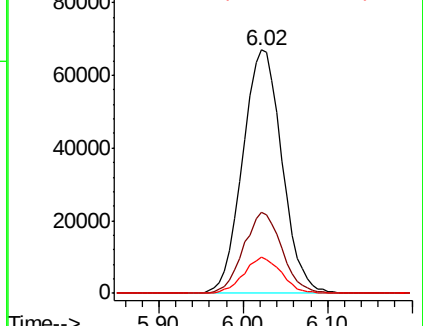
83 15.1 8.7 16.1



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: 25.018 ug/L

RT: 6.99 min Scan# 848

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

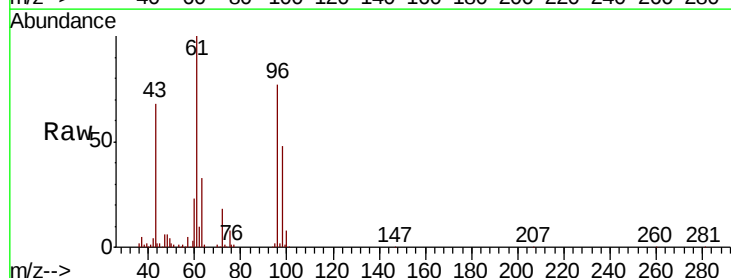
Tgt Ion: 96 Resp: 129146

Ion Ratio Lower Upper

96 100

61 129.6 90.6 168.3

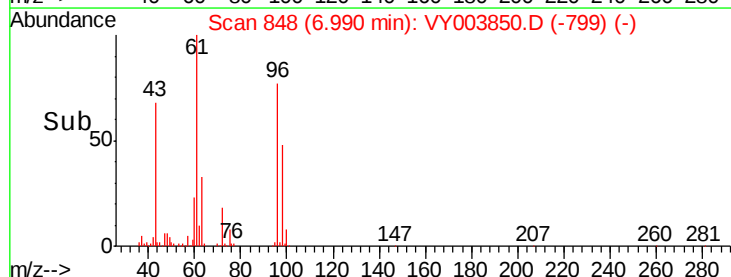
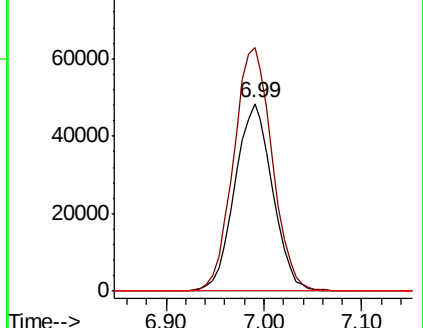
68 0.0 0.0 0.0

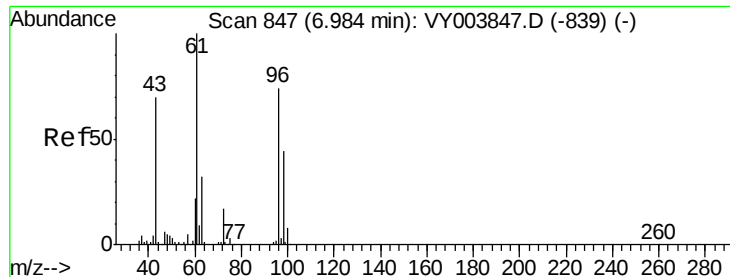


Abundance Ion 96.00 (95.70 to 96.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 68.00 (67.70 to 68.70): VY0





#22

2-Butanone

Concen: 48.127 ug/L

RT: 6.98 min Scan# 847

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

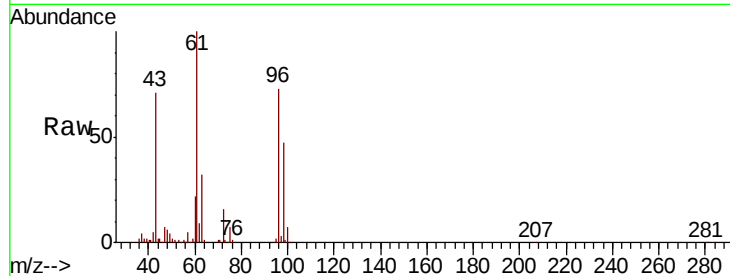
BFB94

Tot Ion: 43 Resp: 119161

Ion Ratio Lower Upper

43 100

72 24.6 12.6 37.8

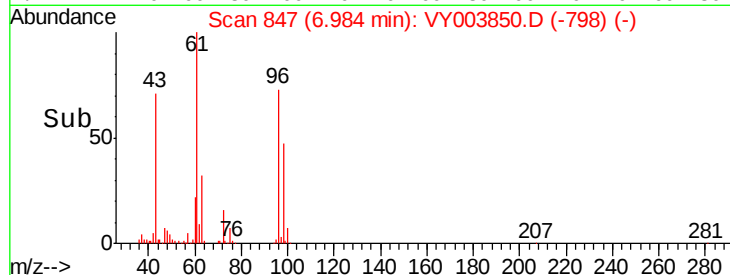


Abundance Ion 43.00 (42.70 to 43.70): VY003847.D (-839) (-)

Ion 72.00 (71.70 to 72.70): VY003847.D (-839) (-)

6.98

Time-->



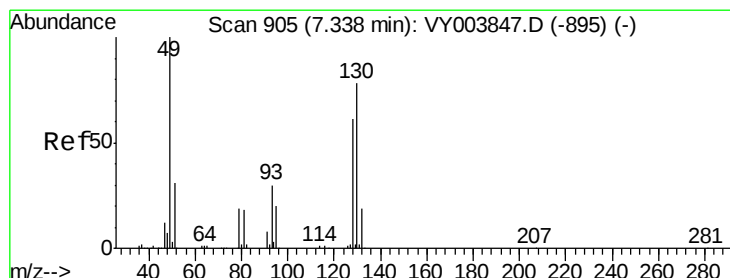
Abundance

Ion 43.00 (42.70 to 43.70): VY003850.D (-798) (-)

Ion 72.00 (71.70 to 72.70): VY003850.D (-798) (-)

6.98

Time-->



#23

Bromochloromethane

Concen: 25.016 ug/L

RT: 7.34 min Scan# 905

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Tgt Ion:128 Resp: 63855

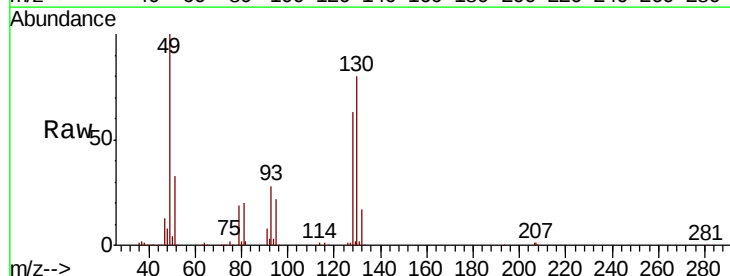
Ion Ratio Lower Upper

128 100

49 158.9 114.4 212.4

130 127.9 88.8 164.8

51 52.3 41.0 61.6



Abundance Ion 128.00 (127.70 to 128.70): VY003847.D (-895) (-)

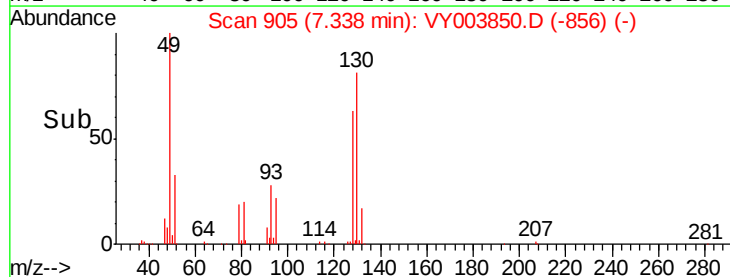
Ion 49.00 (48.70 to 49.70): VY003847.D (-895) (-)

Ion 130.00 (129.70 to 130.70): VY003847.D (-895) (-)

Ion 51.00 (50.70 to 51.70): VY003847.D (-895) (-)

7.34

Time-->



Abundance

Ion 128.00 (127.70 to 128.70): VY003850.D (-856) (-)

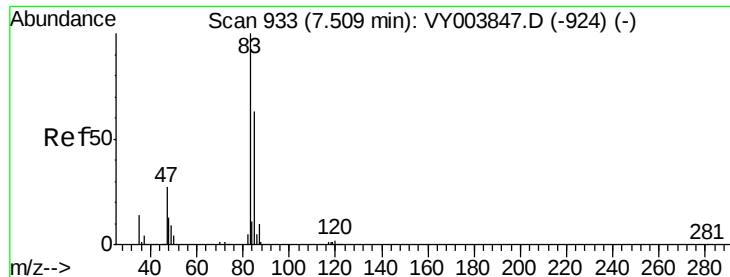
Ion 49.00 (48.70 to 49.70): VY003850.D (-856) (-)

Ion 130.00 (129.70 to 130.70): VY003850.D (-856) (-)

Ion 51.00 (50.70 to 51.70): VY003850.D (-856) (-)

7.34

Time-->



#25

Chloroform

Concen: 24.754 ug/L

RT: 7.51 min Scan# 933

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

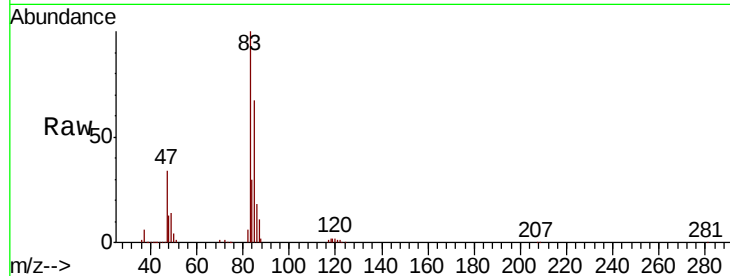
BFB94

Tot Ion: 83 Resp: 223843

Ion Ratio Lower Upper

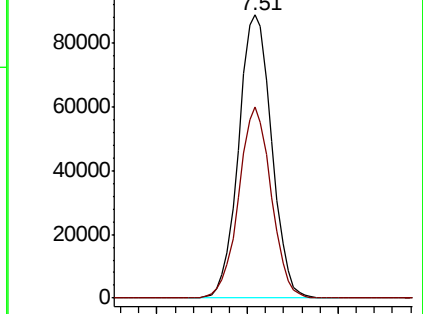
83 100

85 67.4 44.2 82.2

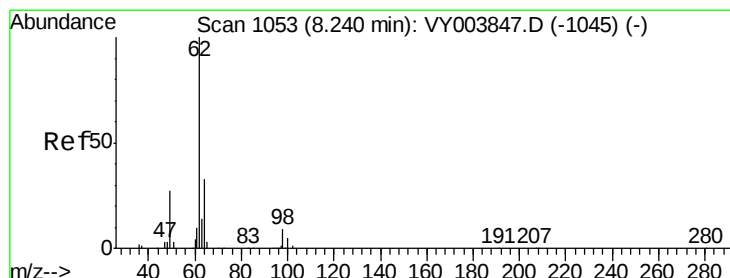
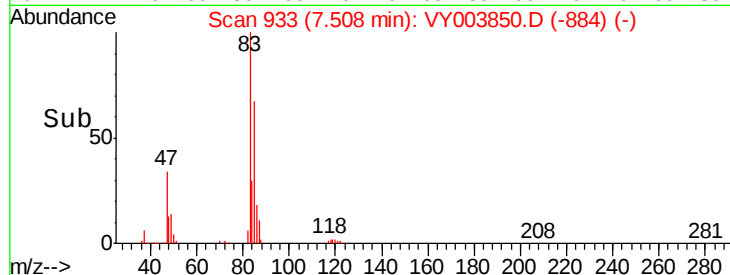


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0



Time-->



#27

1,2-Dichloroethane

Concen: 25.756 ug/L

RT: 8.24 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY003850.D

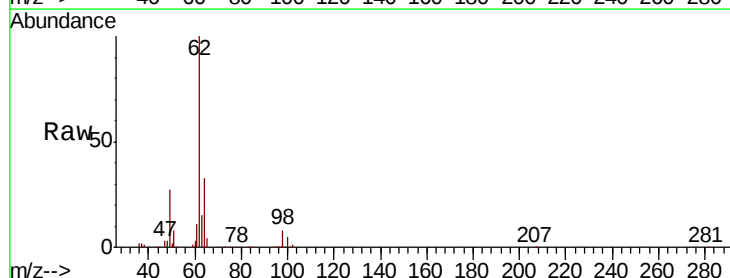
Acq: 29 Dec 2020 13:37

Tgt Ion: 62 Resp: 181008

Ion Ratio Lower Upper

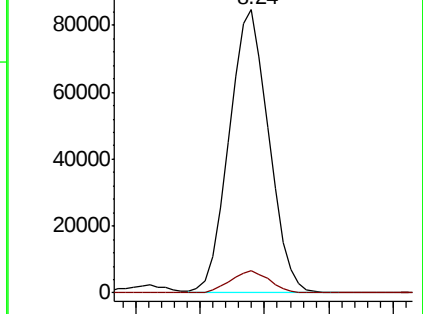
62 100

98 8.0 6.8 10.2

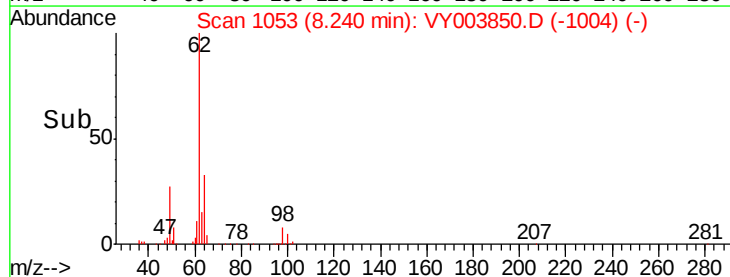


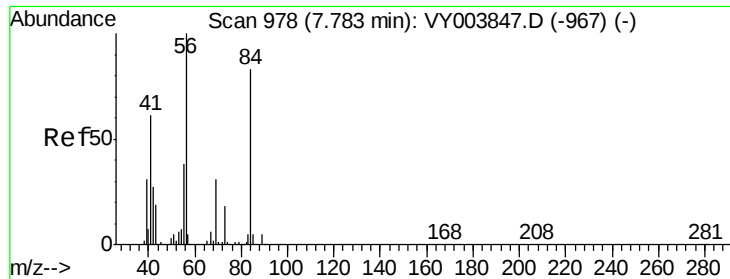
Abundance Ion 62.00 (61.70 to 62.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



Time-->

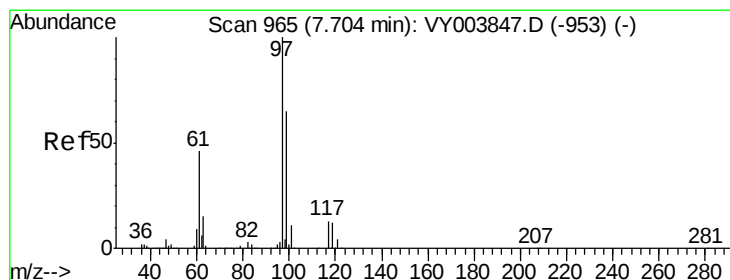
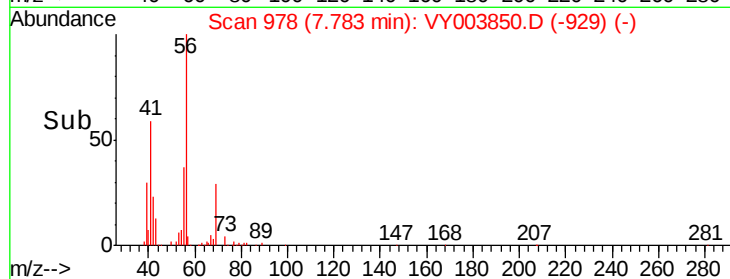
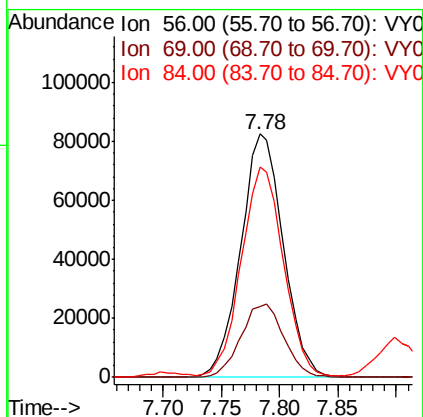
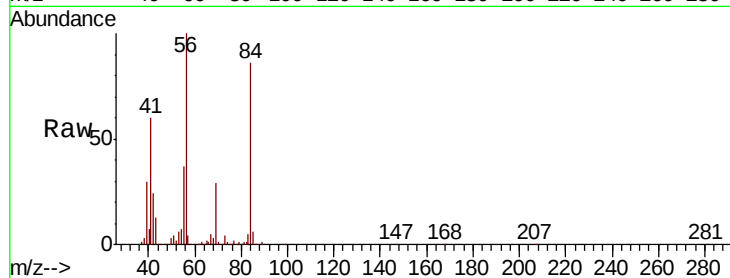




#29
Cyclohexane
Concen: 25.618 ug/L
RT: 7.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

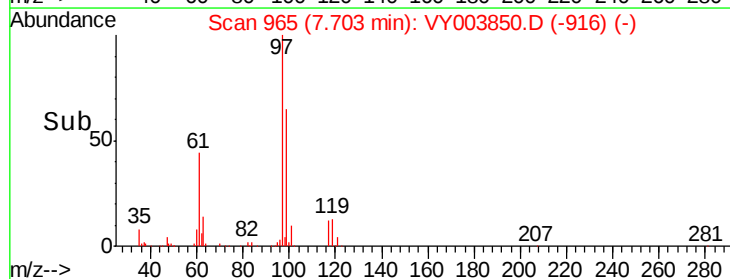
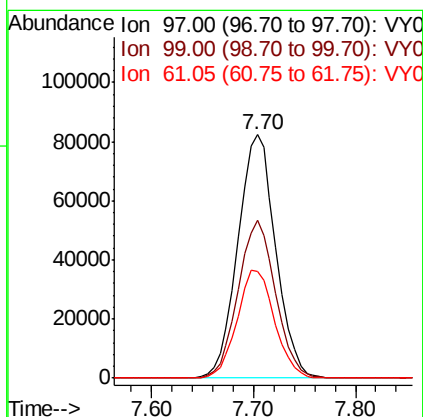
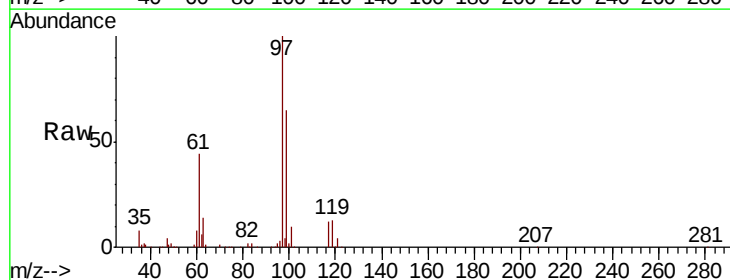
Instrument :
MSVOA_Y
ClientSampled :
BFB94

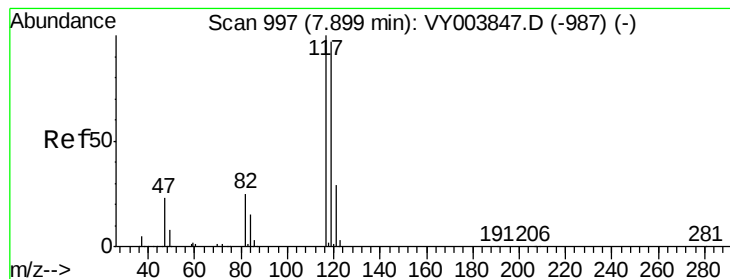
Tot Ion: 56 Resp: 209915
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.2
84 86.0 68.7 103.1



#30
1,1,1-Trichloroethane
Concen: 25.146 ug/L
RT: 7.70 min Scan# 965
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion: 97 Resp: 211634
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 44.2 35.5 53.3





#31

Carbon tetrachloride

Concen: 25.202 ug/L

RT: 7.90 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

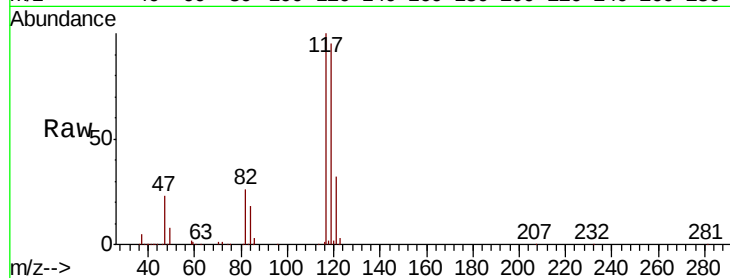
BFB94

Tot Ion:117 Resp: 196152

Ion Ratio Lower Upper

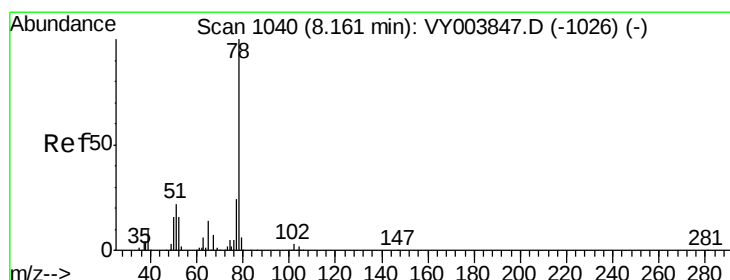
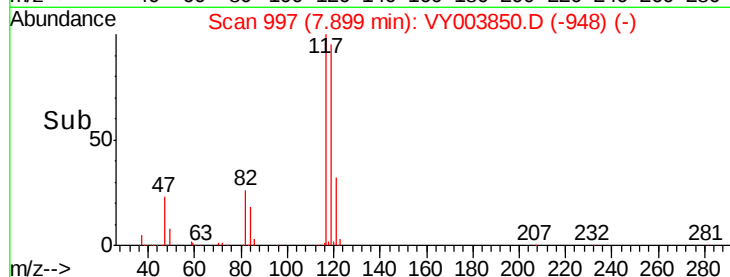
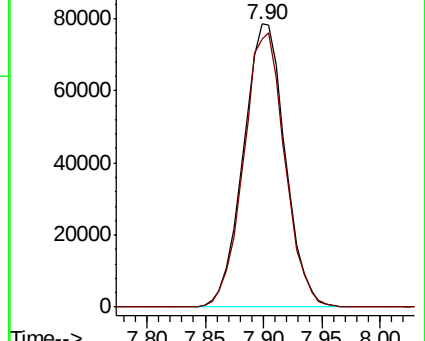
117 100

119 95.9 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 25.666 ug/L

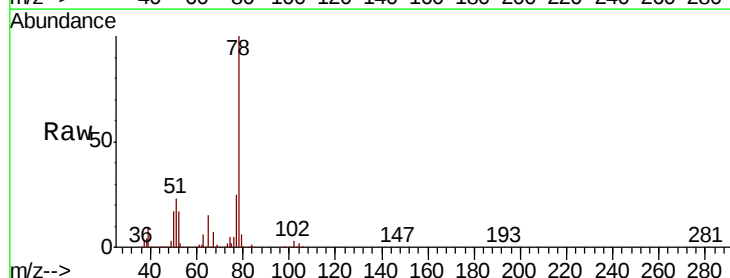
RT: 8.16 min Scan# 1040

Delta R.T. -0.00 min

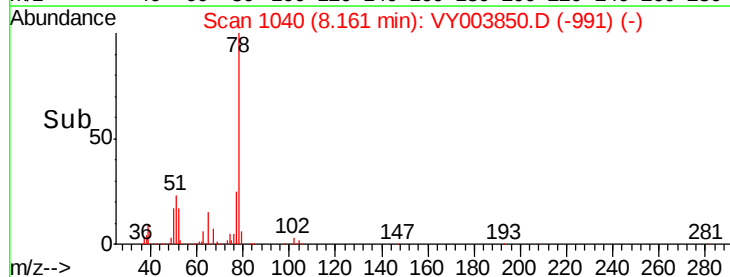
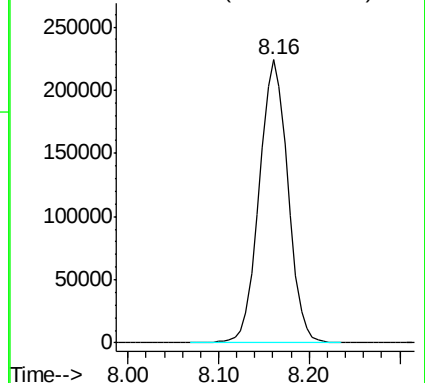
Lab File: VY003850.D

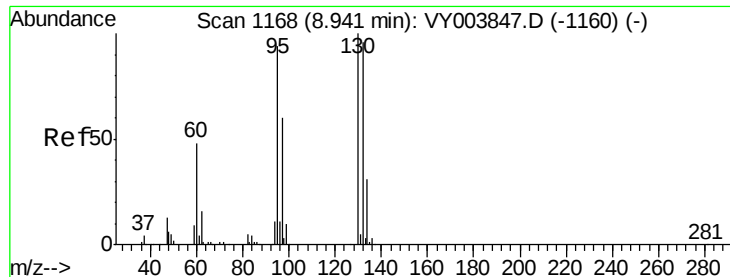
Acq: 29 Dec 2020 13:37

Tgt Ion: 78 Resp: 490556



Abundance Ion 78.00 (77.70 to 78.70): VY0





#34

Trichloroethene

Concen: 25.224 ug/L

RT: 8.93 min Scan# 1167

Delta R.T. -0.01 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

BFB94

Tot Ion: 95 Resp: 133236

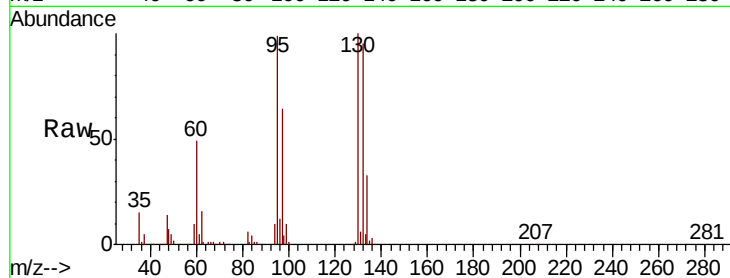
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.5

132 95.7 71.8 133.4

130 100.6 74.4 138.2

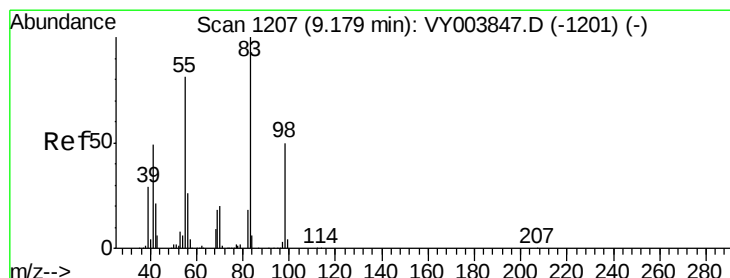
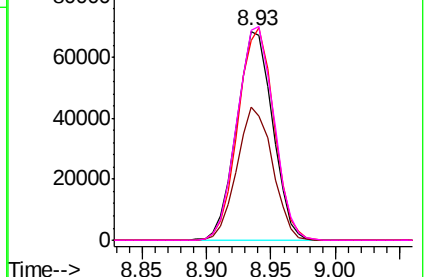
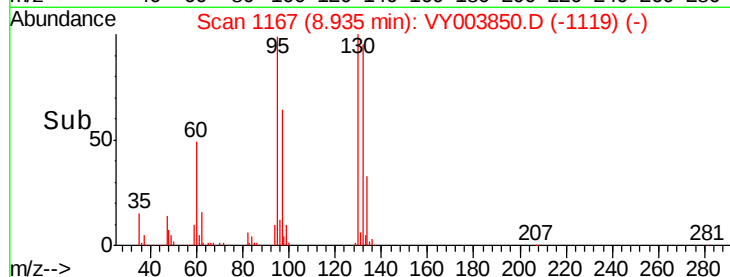


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 25.850 ug/L

RT: 9.18 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

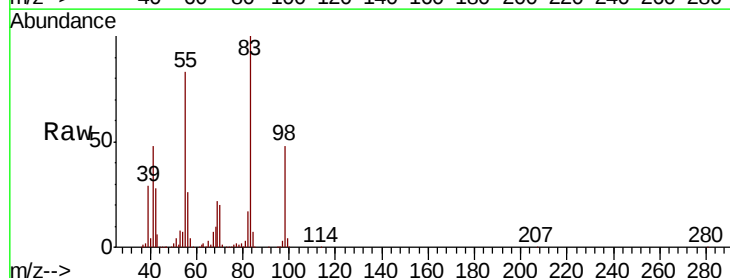
Tgt Ion: 83 Resp: 222208

Ion Ratio Lower Upper

83 100

55 80.9 62.9 94.3

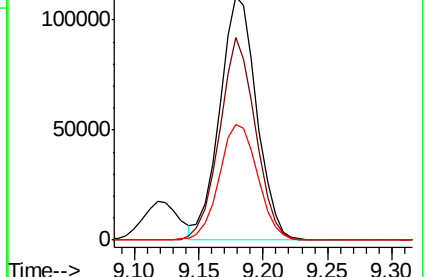
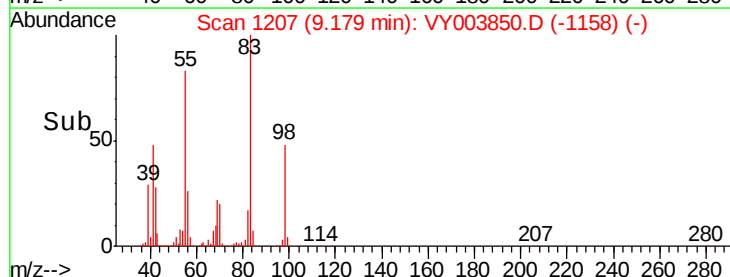
98 49.2 39.7 59.5

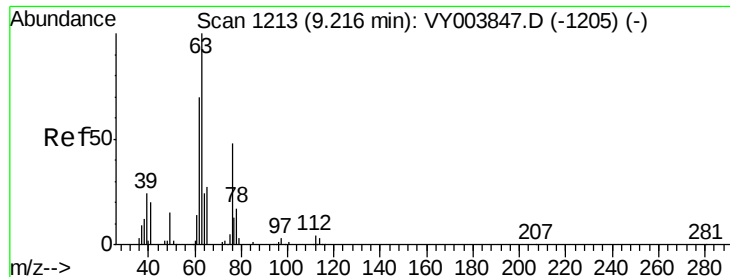


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

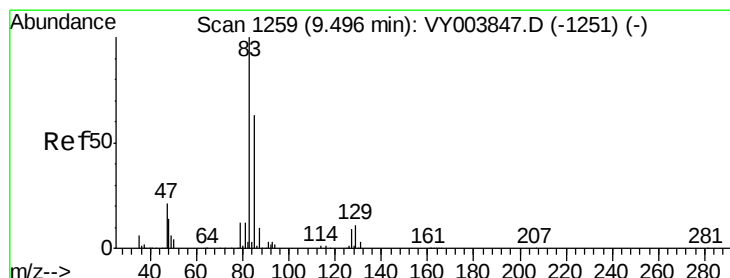
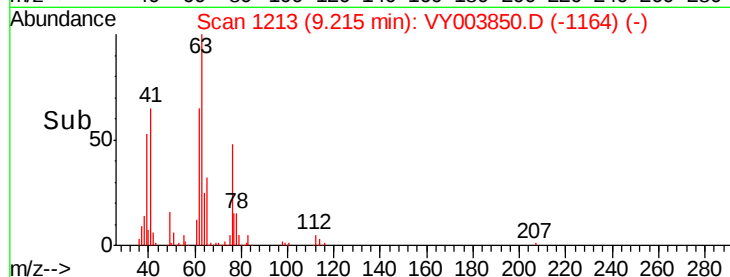
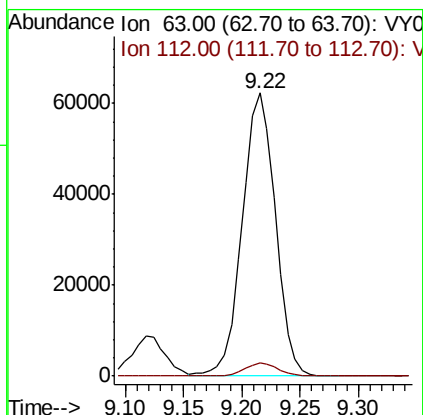
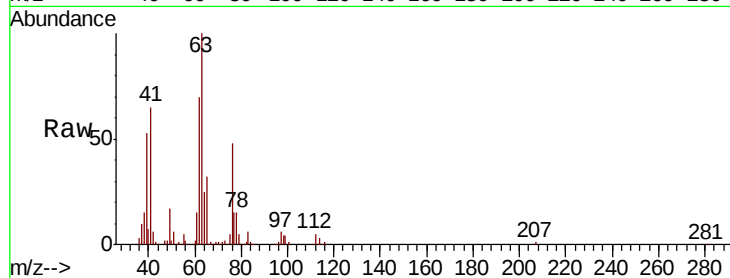




#37
 1,2-Dichloropropane
 Concen: 25.506 ug/L
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

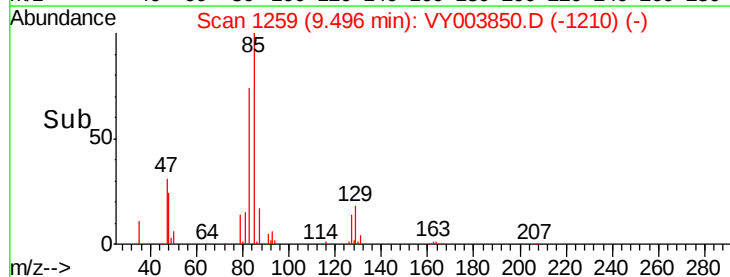
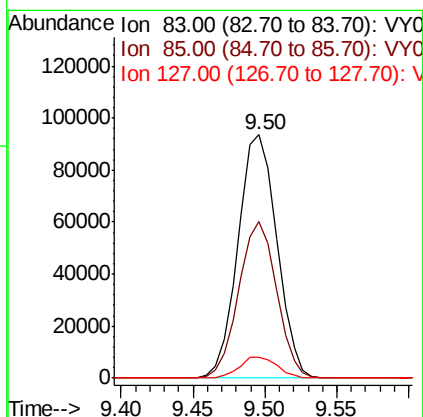
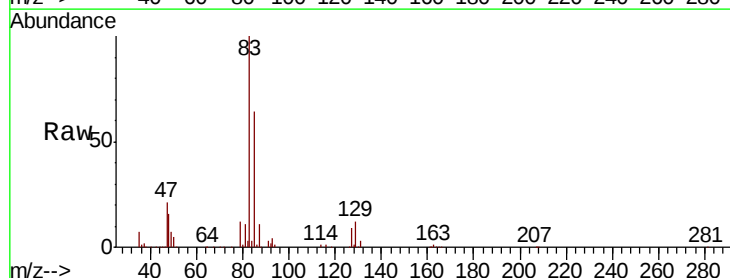
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB94

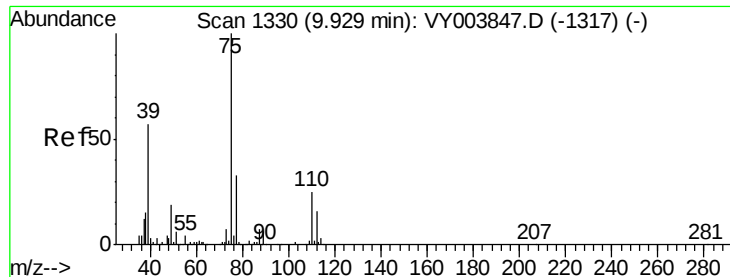
Tot Ion: 63 Resp: 124112
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.7 5.5



#38
 Bromodichloromethane
 Concen: 25.653 ug/L
 RT: 9.50 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

Tgt Ion: 83 Resp: 175866
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.2 82.0
 127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 25.627 ug/L

RT: 9.92 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

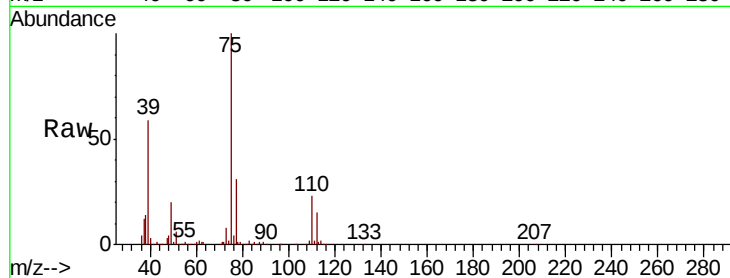
BFB94

Tot Ion: 75 Resp: 213026

Ion Ratio Lower Upper

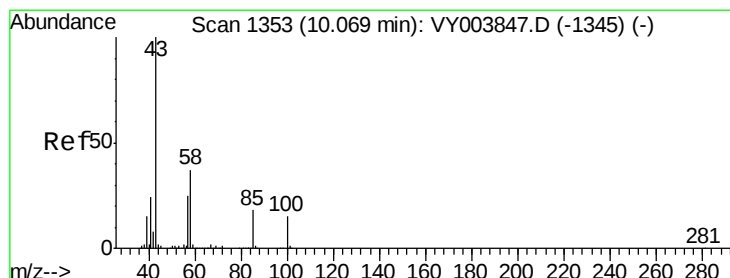
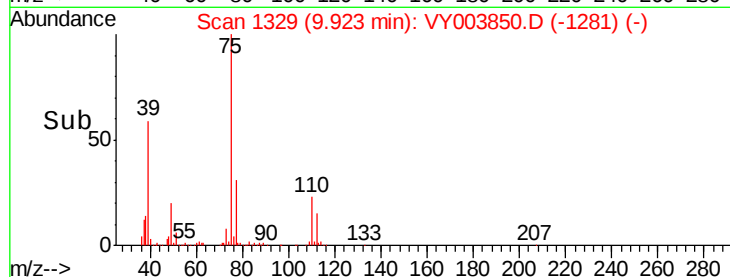
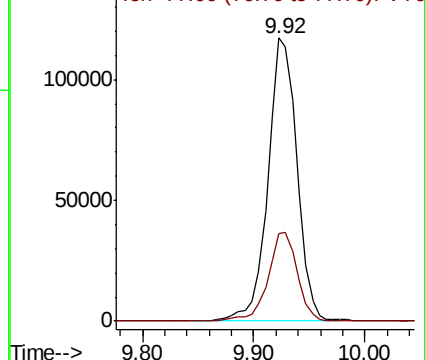
75 100

77 31.0 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#40

4-Methyl-2-pentanone

Concen: 50.610 ug/L

RT: 10.07 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

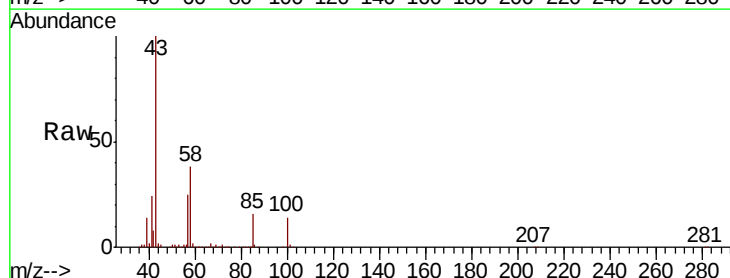
Tgt Ion: 43 Resp: 262909

Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

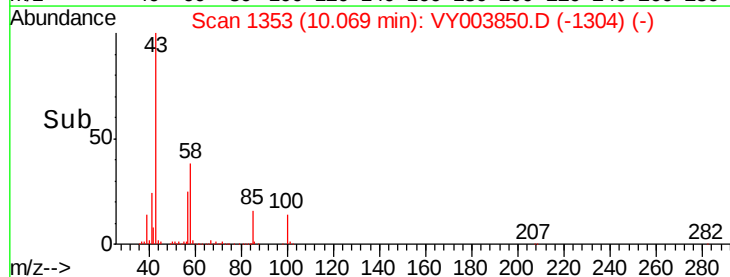
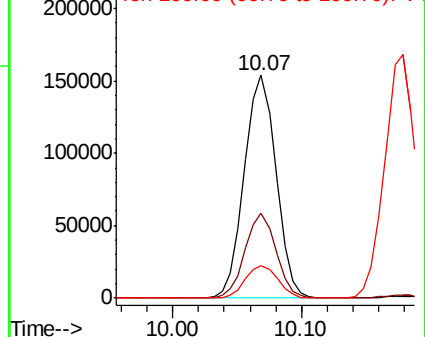
100 14.9 11.8 17.6

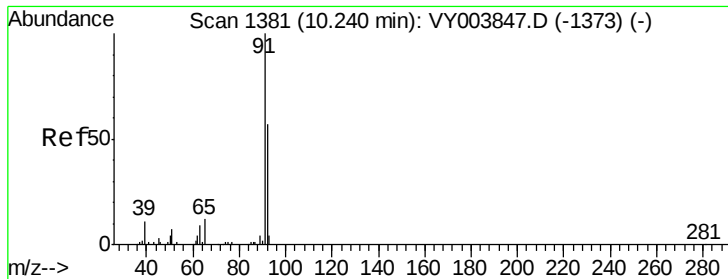


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#42

Toluene

Concen: 25.563 ug/L

RT: 10.24 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampled :

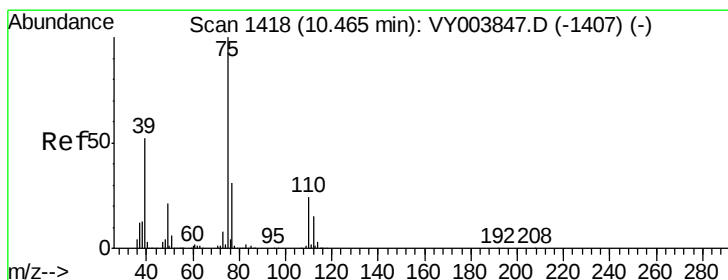
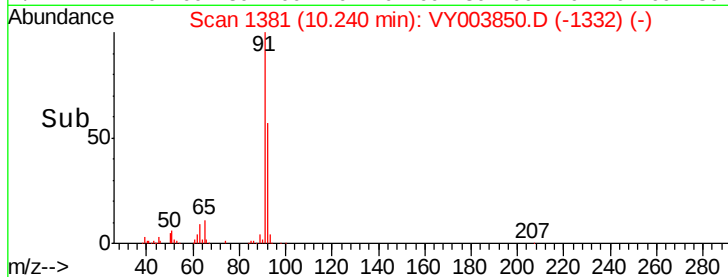
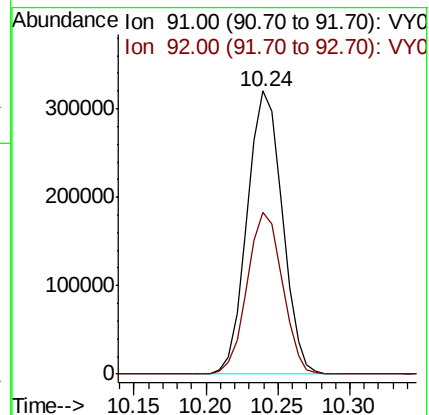
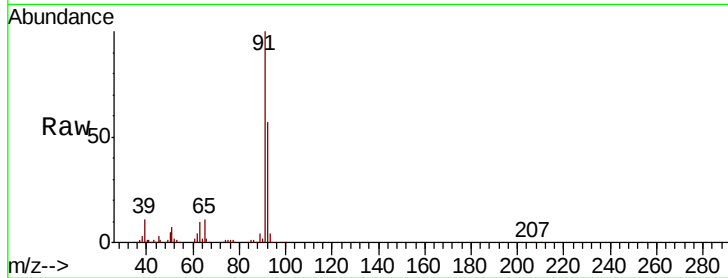
BFB94

Tot Ion: 91 Resp: 540476

Ion Ratio Lower Upper

91 100

92 57.2 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 25.614 ug/L

RT: 10.47 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VY003850.D

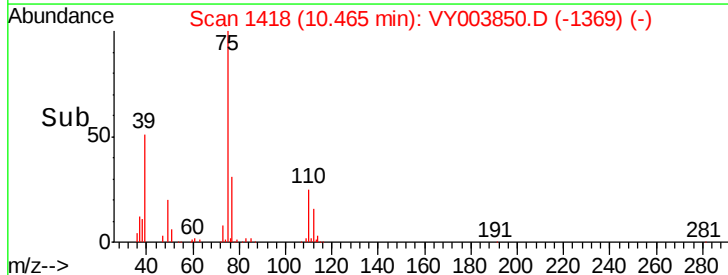
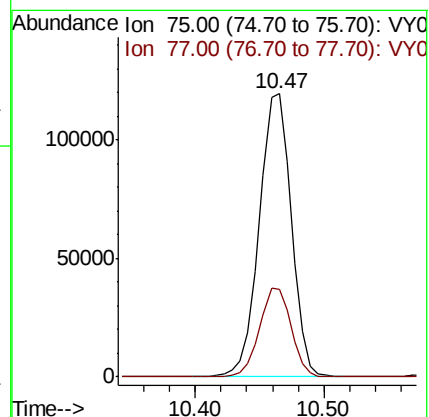
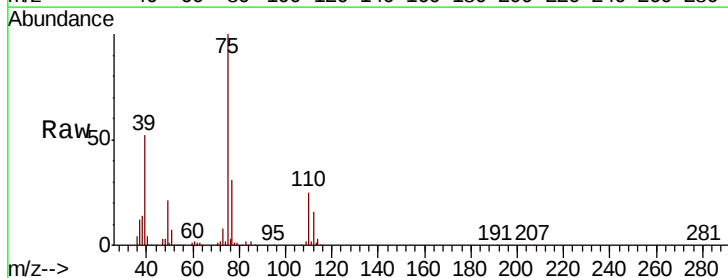
Acq: 29 Dec 2020 13:37

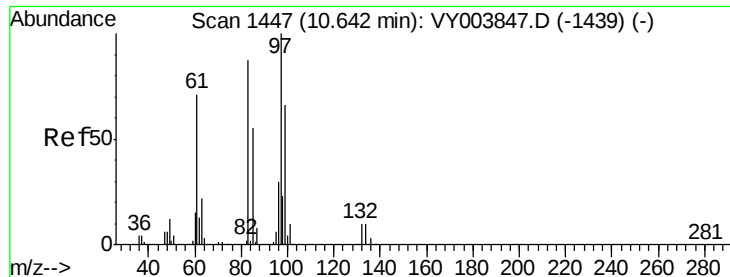
Tgt Ion: 75 Resp: 205544

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7

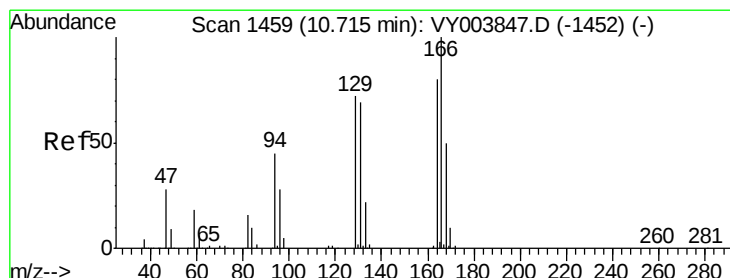
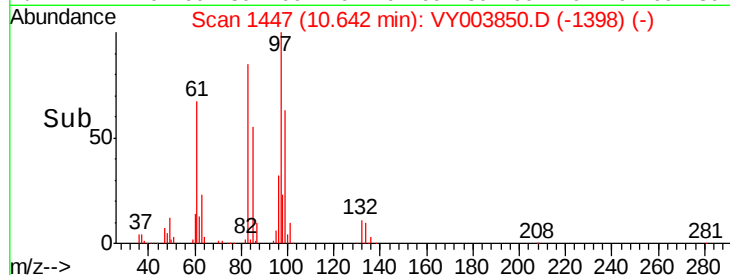
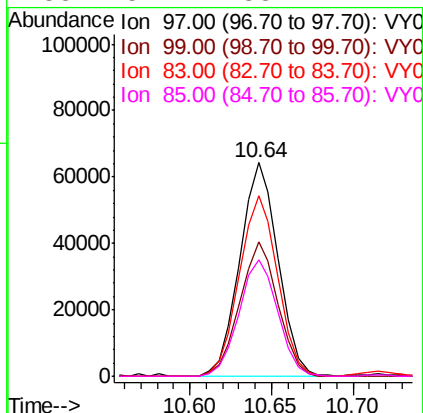
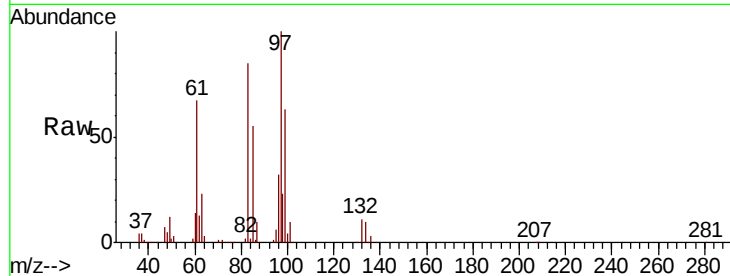




#45
1,1,2-Trichloroethane
Concen: 25.129 ug/L
RT: 10.64 min Scan# 1447
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

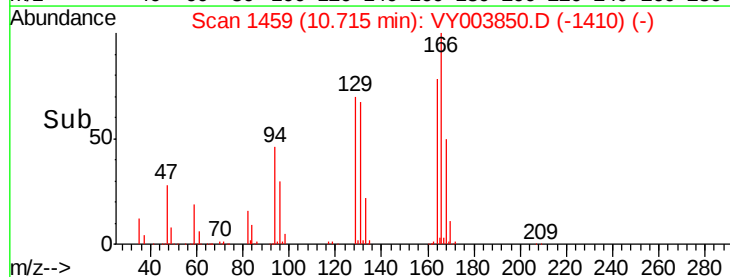
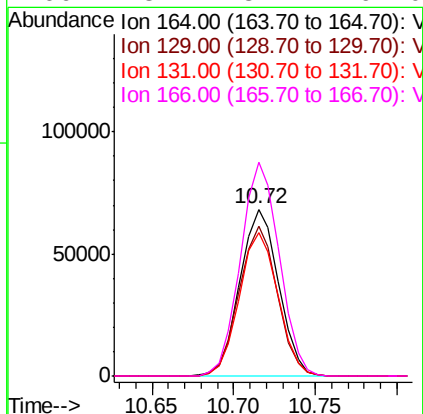
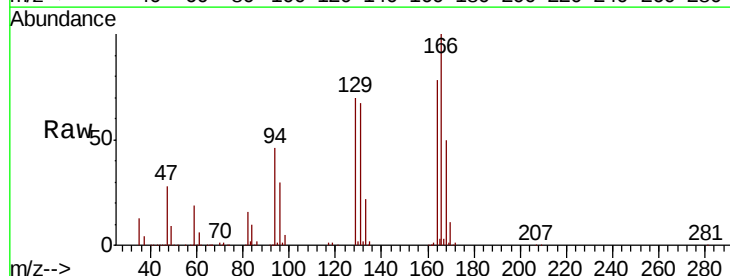
Instrument :
MSVOA_Y
ClientSampleId :
BFB94

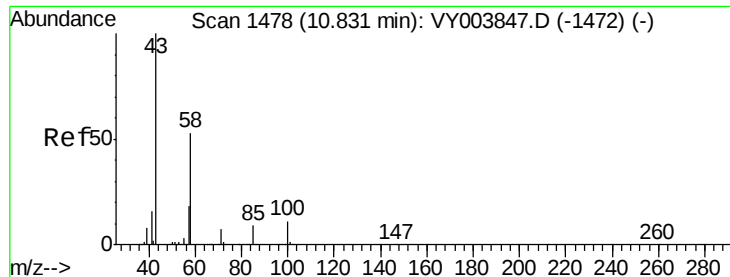
Tot Ion:	97	Resp:	105022
Ion	Ratio	Lower	Upper
97	100		
99	63.1	46.0	85.4
83	84.5	60.8	112.8
85	54.7	38.4	71.2



#46
Tetrachloroethene
Concen: 24.759 ug/L
RT: 10.72 min Scan# 1459
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion:	164	Resp:	113124
Ion	Ratio	Lower	Upper
164	100		
129	89.9	62.5	116.1
131	86.0	60.7	112.7
166	128.1	87.2	162.0

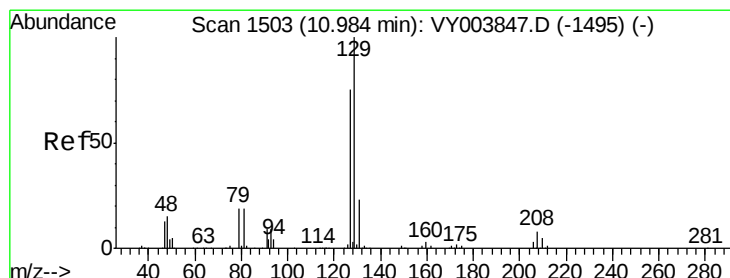
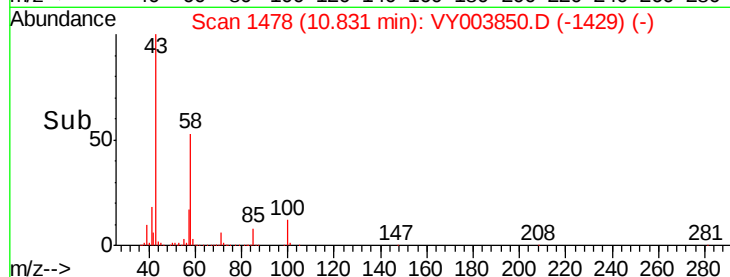
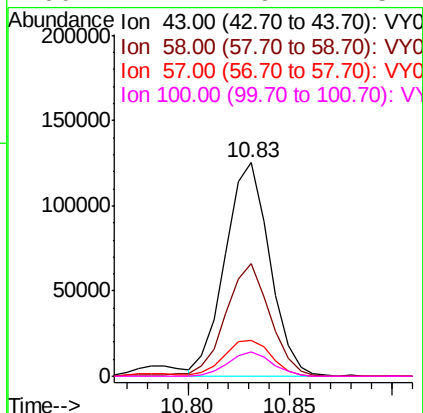
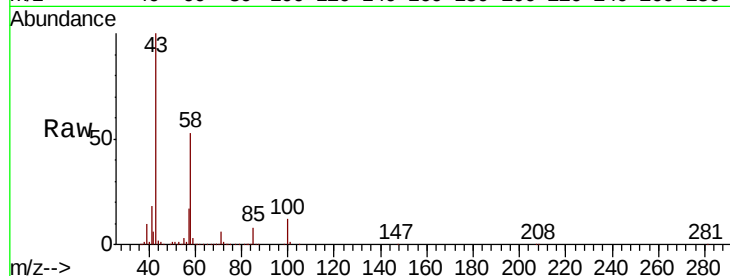




#48
2-Hexanone
Concen: 50.195 ug/L
RT: 10.83 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

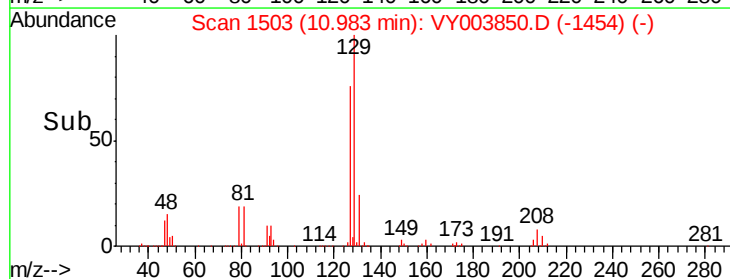
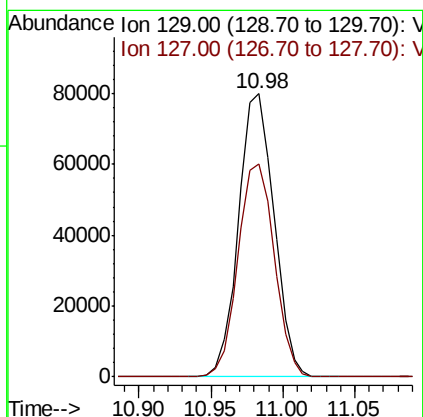
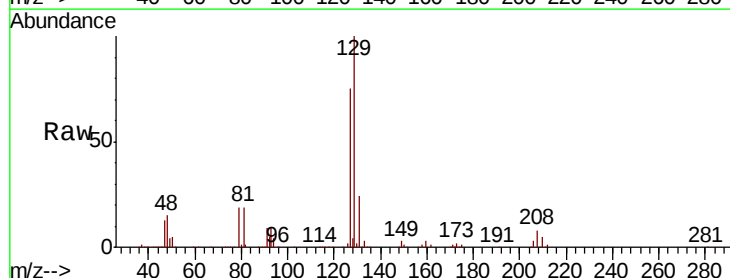
Instrument :
MSVOA_Y
ClientSampleId :
BFB94

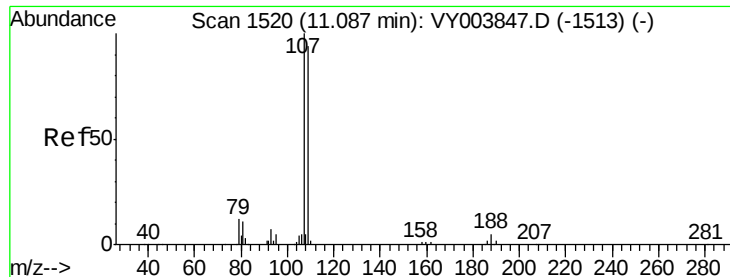
Tot Ion:	43	Resp:	189988
Ion	Ratio	Lower	Upper
43	100		
58	52.8	40.6	60.8
57	17.9	14.5	21.7
100	11.4	9.1	13.7



#49
Dibromochloromethane
Concen: 25.857 ug/L
RT: 10.98 min Scan# 1503
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion:	129	Resp:	136813
Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.7	97.9

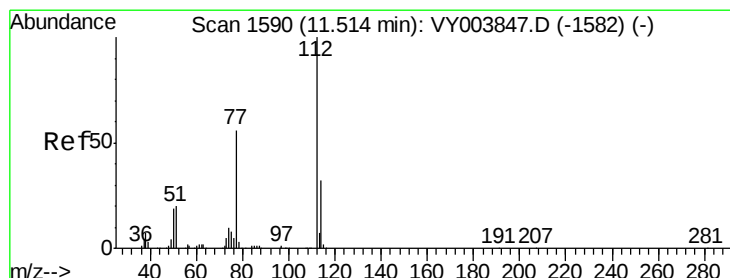
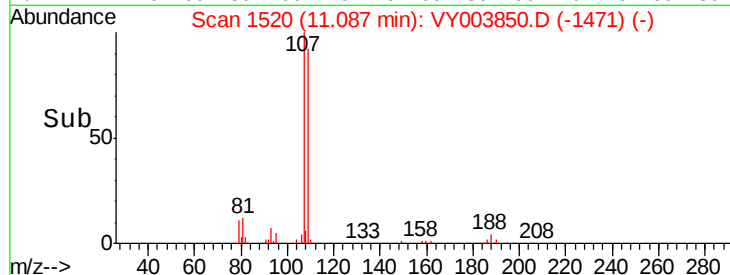
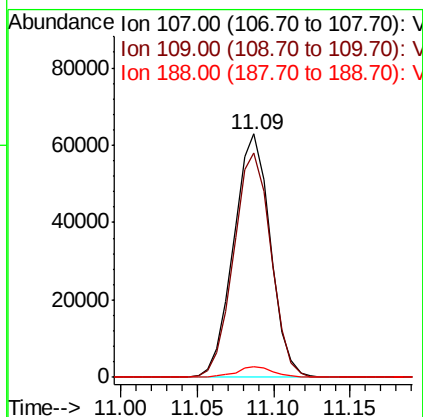
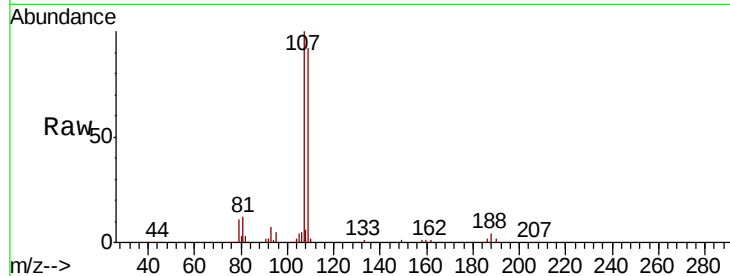




#50
1,2-Dibromoethane
Concen: 25.364 ug/L
RT: 11.09 min Scan# 1520
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

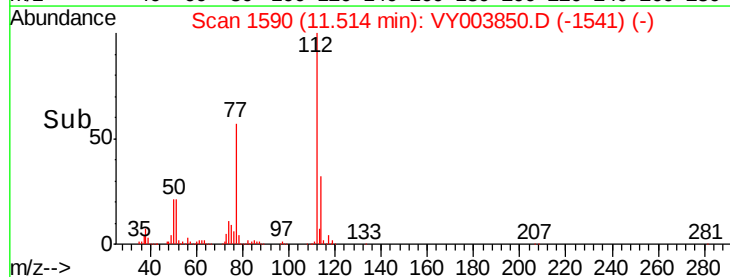
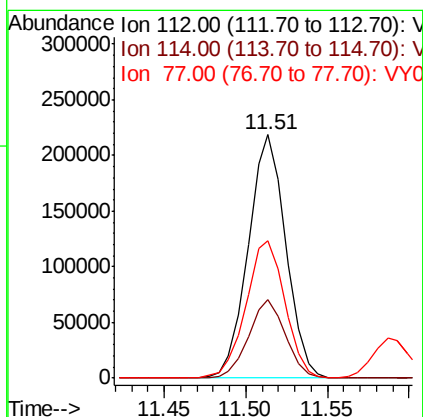
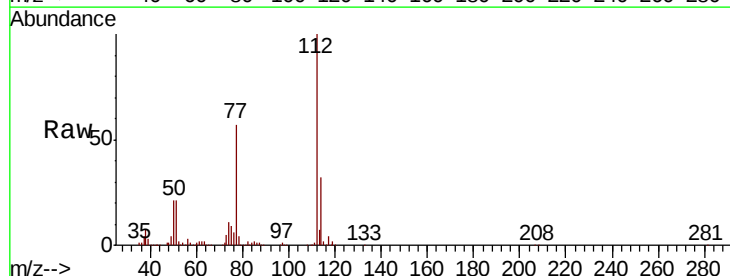
Instrument :
MSVOA_Y
ClientSampleId :
BFB94

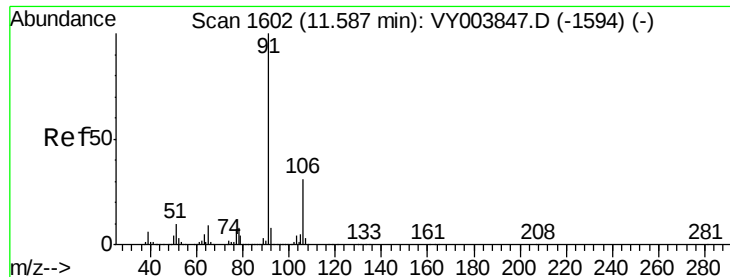
Tot Ion:107 Resp: 104674
Ion Ratio Lower Upper
107 100
109 92.1 65.5 121.7
188 4.2 3.6 5.4



#51
Chlorobenzene
Concen: 25.543 ug/L
RT: 11.51 min Scan# 1590
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion:112 Resp: 349259
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 56.6 45.2 67.8





#52

Ethylbenzene

Concen: 25.811 ug/L

RT: 11.59 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

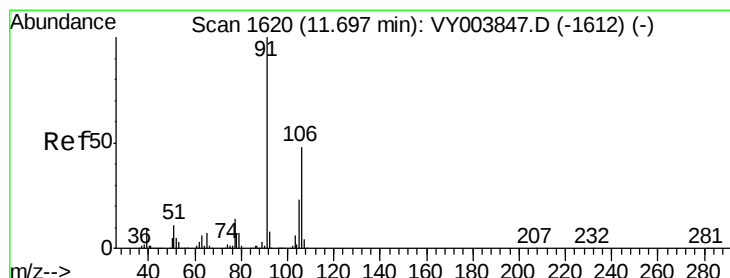
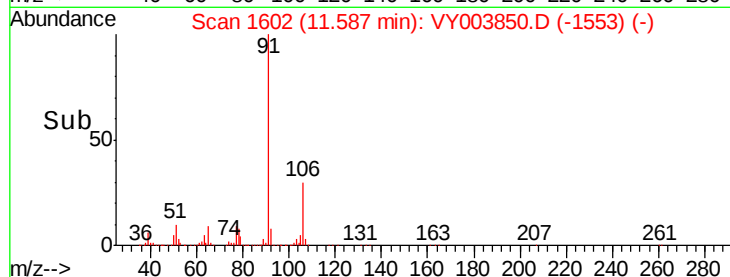
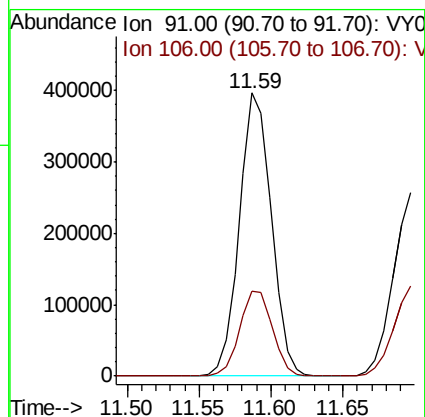
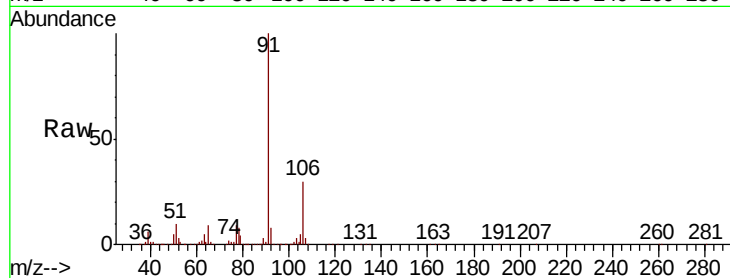
BFB94

Tot Ion: 91 Resp: 611294

Ion Ratio Lower Upper

91 100

106 30.0 21.6 40.0



#53

m,p-Xylene

Concen: 25.903 ug/L

RT: 11.70 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VY003850.D

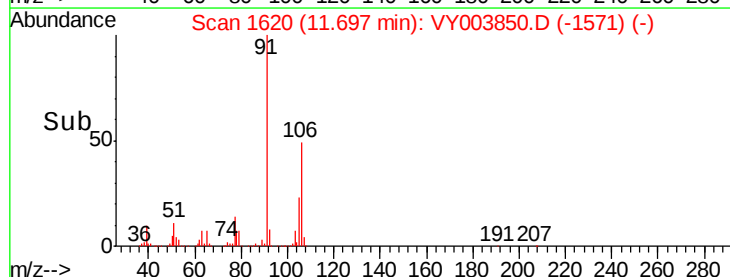
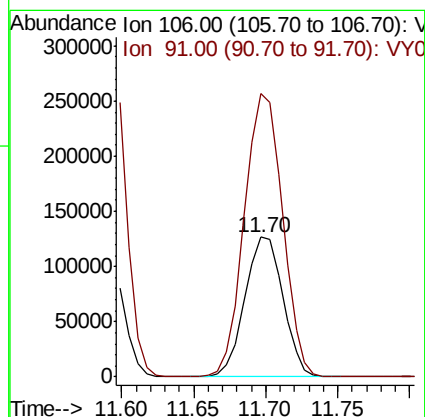
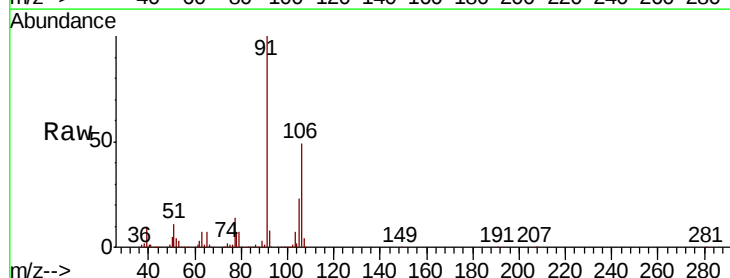
Acq: 29 Dec 2020 13:37

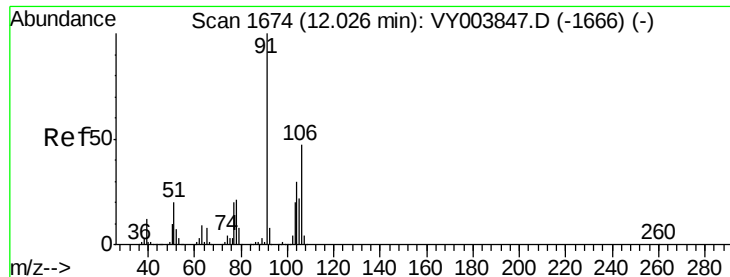
Tgt Ion: 106 Resp: 232651

Ion Ratio Lower Upper

106 100

91 202.5 146.3 271.7





#54

o-Xylene

Concen: 26.044 ug/L

RT: 12.03 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

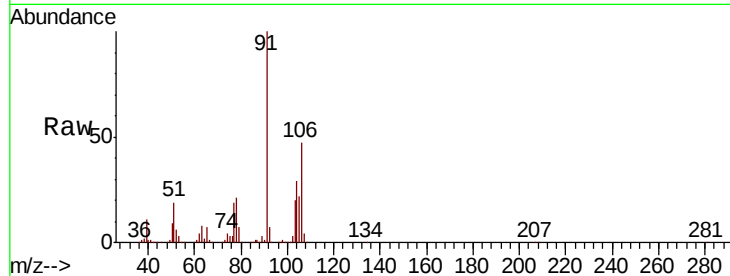
BFB94

Tot Ion:106 Resp: 227765

Ion Ratio Lower Upper

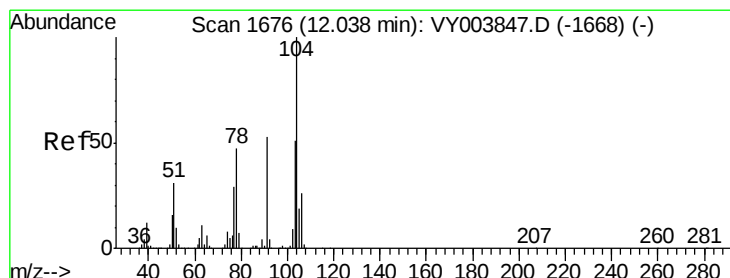
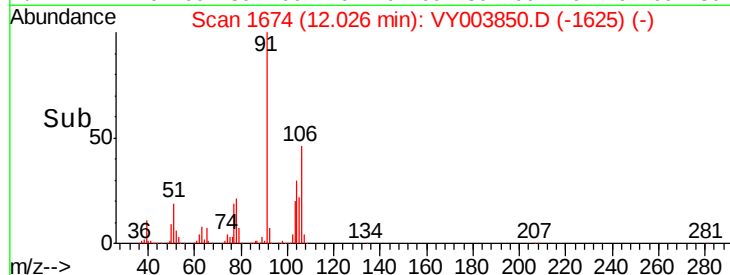
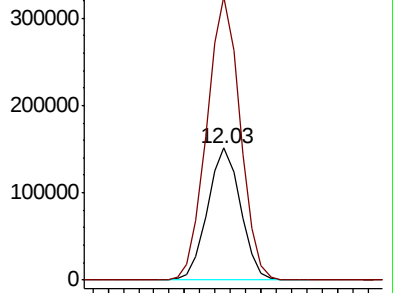
106 100

91 214.4 147.7 274.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#55

Styrene

Concen: 26.120 ug/L

RT: 12.04 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VY003850.D

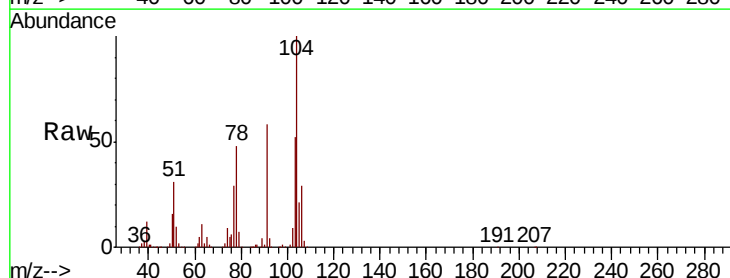
Acq: 29 Dec 2020 13:37

Tgt Ion:104 Resp: 395016

Ion Ratio Lower Upper

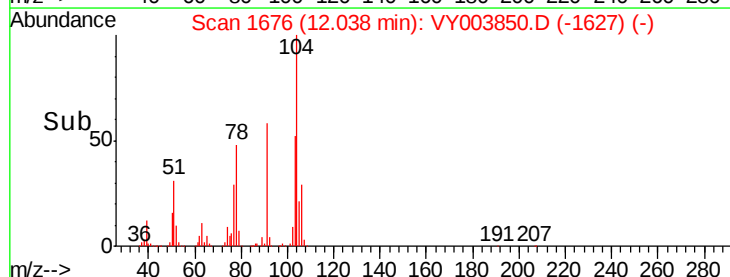
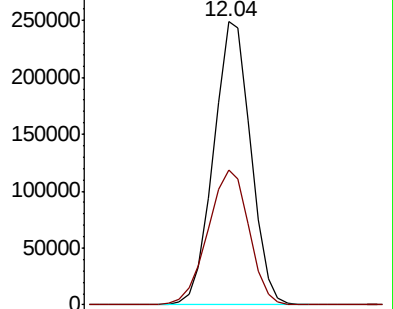
104 100

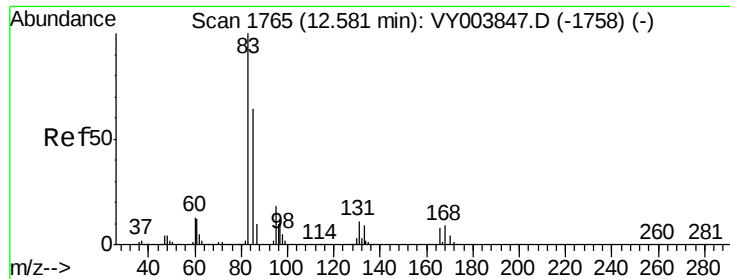
78 47.6 33.2 61.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.484 ug/L

RT: 12.58 min Scan# 1765

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampled :

BFB94

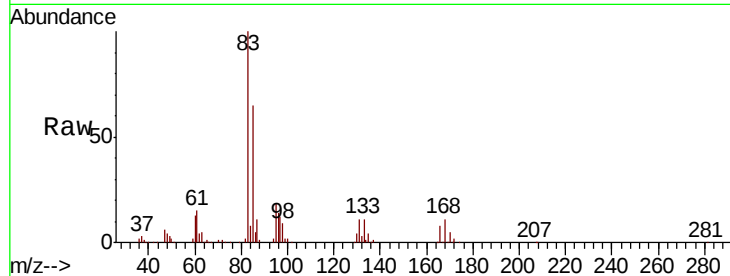
Tot Ion: 83 Resp: 126042

Ion Ratio Lower Upper

83 100

85 65.0 44.9 83.3

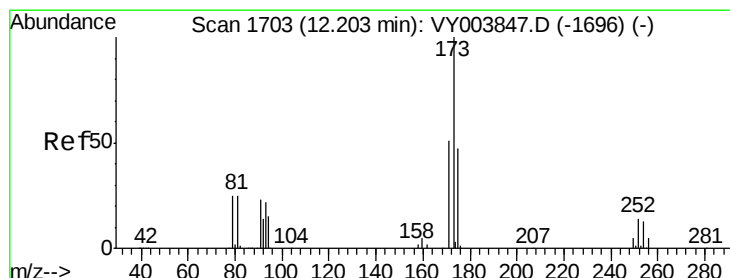
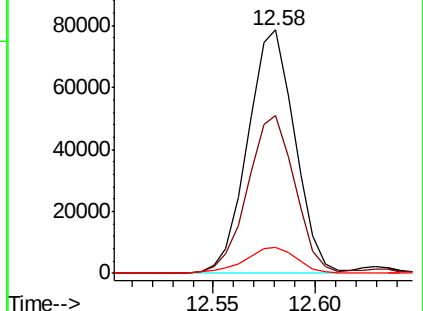
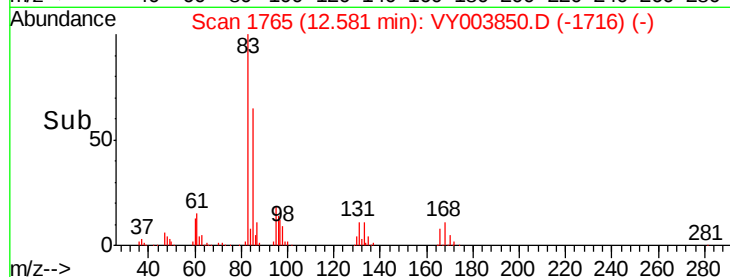
131 10.9 9.0 13.6



Abundance Ion 83.00 (82.70 to 83.70): VY003847.D (-1758) (-)

Ion 85.00 (84.70 to 85.70): VY003847.D (-1758) (-)

Ion 131.00 (130.70 to 131.70): VY003847.D (-1758) (-)



#59

Bromoform

Concen: 25.456 ug/L

RT: 12.20 min Scan# 1703

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

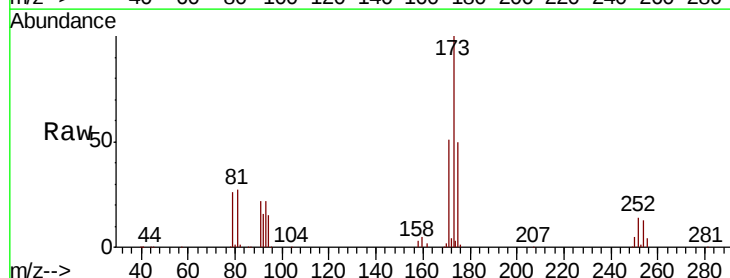
Tgt Ion: 173 Resp: 97646

Ion Ratio Lower Upper

173 100

175 48.8 38.9 58.3

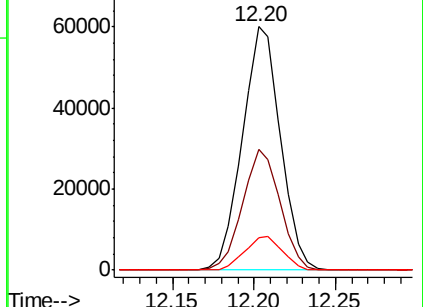
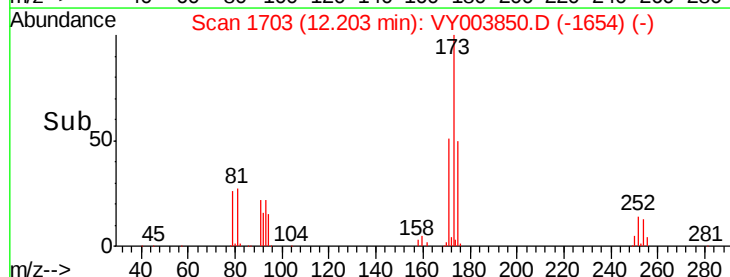
254 13.7 11.5 17.3

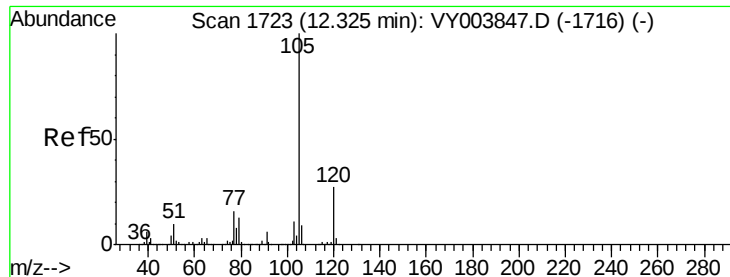


Abundance Ion 173.00 (172.70 to 173.70): VY003847.D (-1696) (-)

Ion 175.00 (174.70 to 175.70): VY003847.D (-1696) (-)

Ion 254.00 (253.70 to 254.70): VY003847.D (-1696) (-)





#60

Isopropylbenzene

Concen: 26.108 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampled :

BFB94

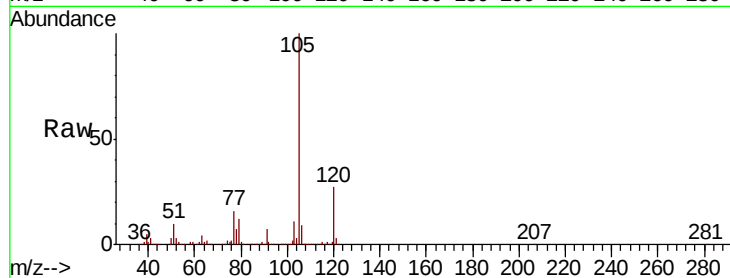
Tot Ion:105 Resp: 613452

Ion Ratio Lower Upper

105 100

120 27.1 21.7 32.5

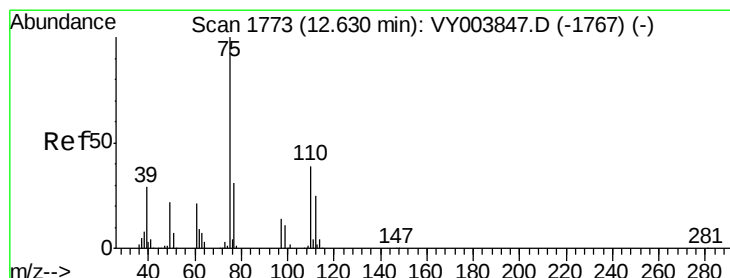
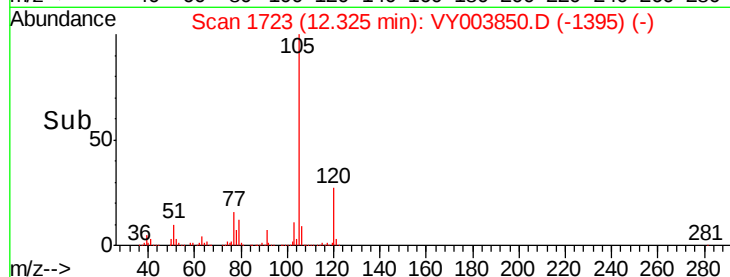
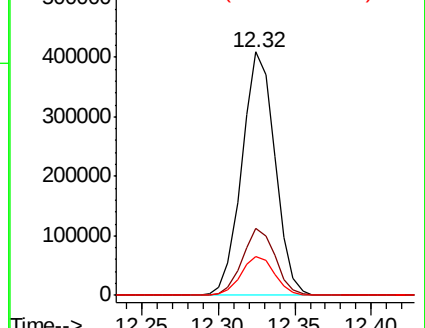
77 16.3 12.9 19.3



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: 24.802 ug/L

RT: 12.63 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

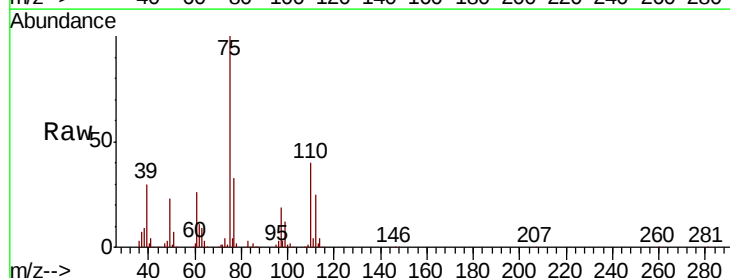
Tgt Ion: 75 Resp: 108256

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.4

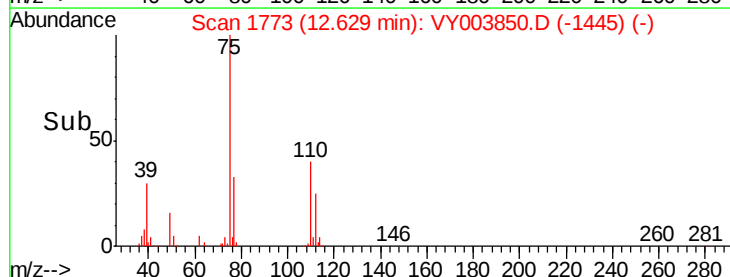
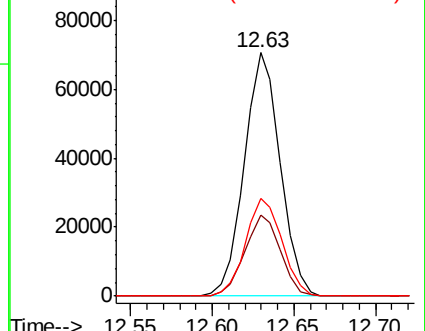
110 40.7 32.4 48.6

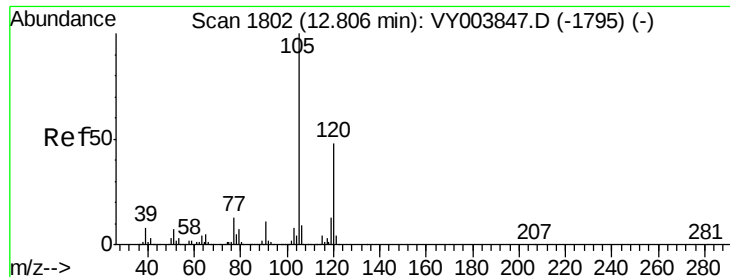


Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 26.692 ug/L

RT: 12.81 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VY003850.D

Acq: 29 Dec 2020 13:37

Instrument :

MSVOA_Y

ClientSampled :

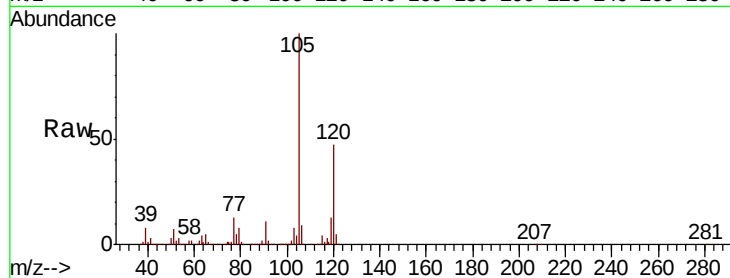
BFB94

Tot Ion:105 Resp: 520926

Ion Ratio Lower Upper

105 100

120 48.1 39.0 58.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.81

400000

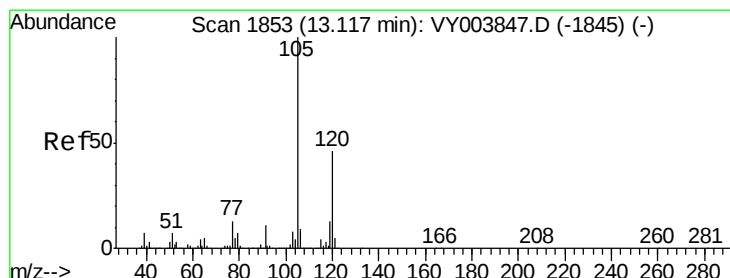
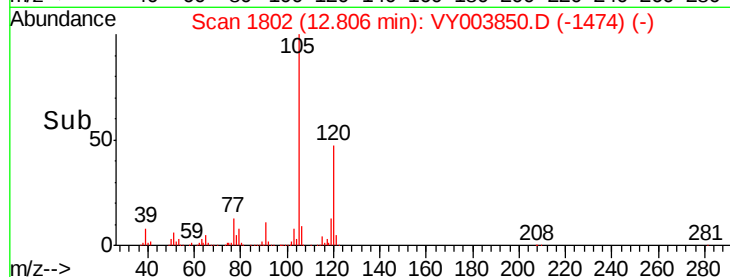
300000

200000

100000

0

Time-->



#63

1,2,4-Trimethylbenzene

Concen: 26.398 ug/L

RT: 13.12 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VY003850.D

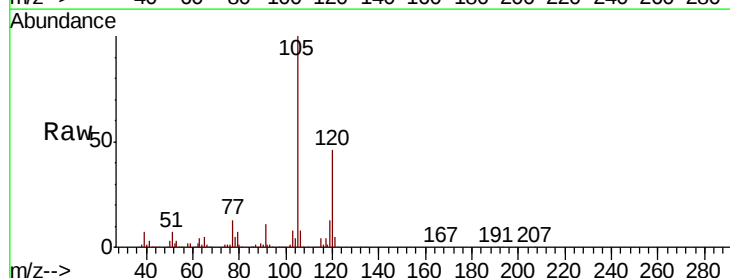
Acq: 29 Dec 2020 13:37

Tgt Ion:105 Resp: 521922

Ion Ratio Lower Upper

105 100

120 45.5 36.5 54.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.12

400000

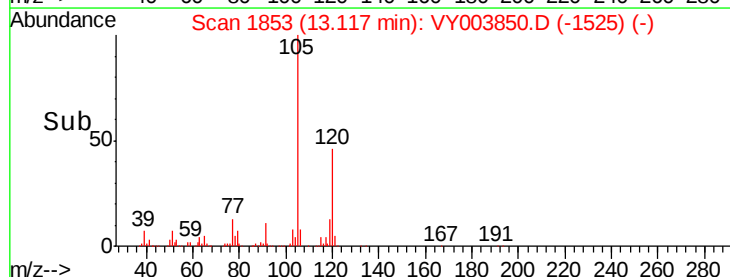
300000

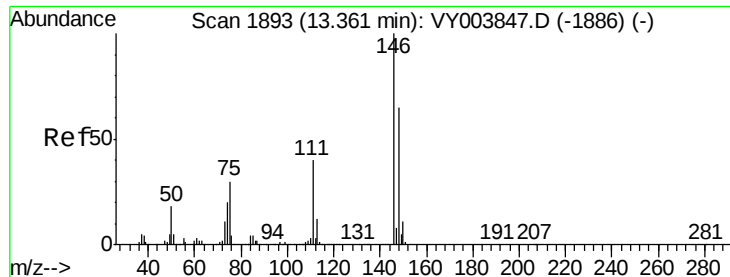
200000

100000

0

Time-->

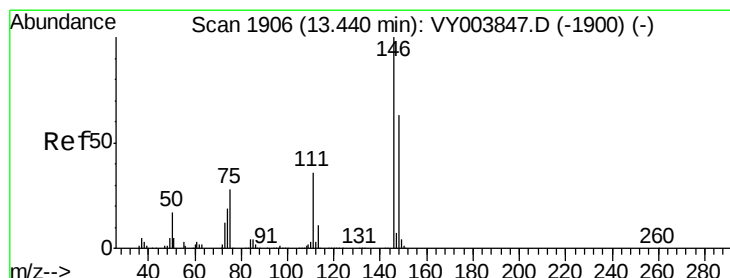
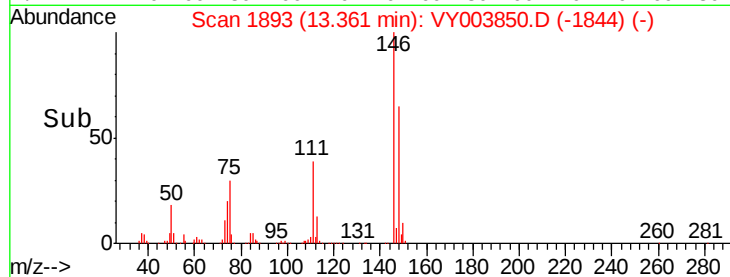
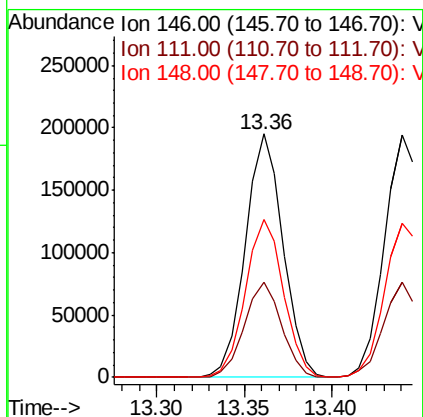
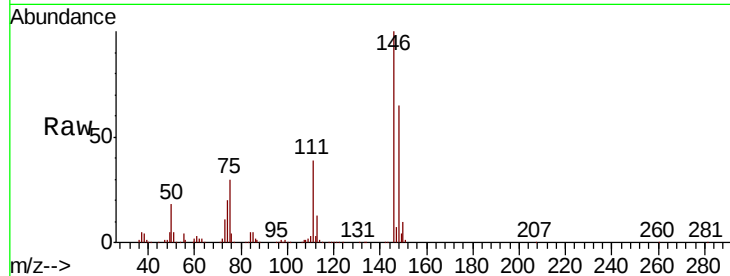




#64
 1,3-Dichlorobenzene
 Concen: 25.668 ug/L
 RT: 13.36 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

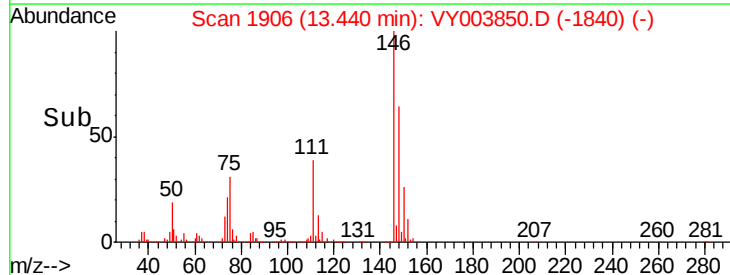
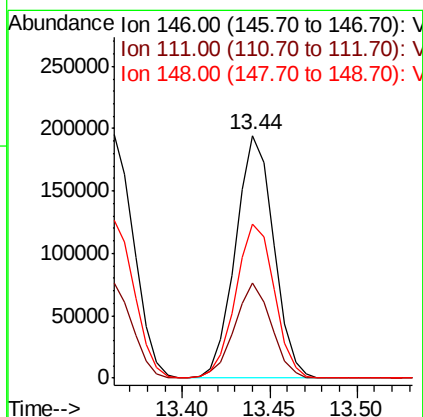
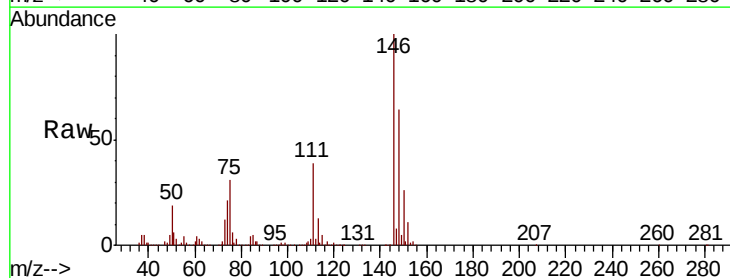
Instrument :
 MSVOA_Y
 ClientSampled :
 BFB94

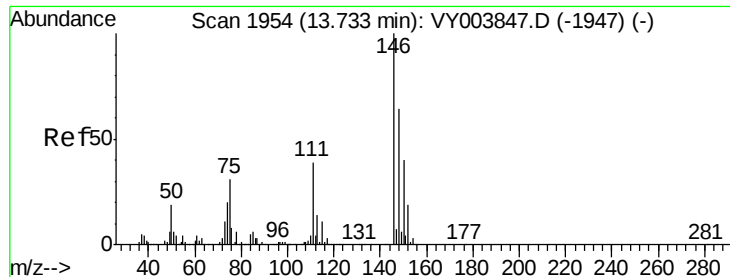
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	27.7	51.5
148	64.8	45.4	84.4



#65
 1,4-Dichlorobenzene
 Concen: 25.623 ug/L
 RT: 13.44 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	25.7	47.7
148	63.5	44.4	82.4

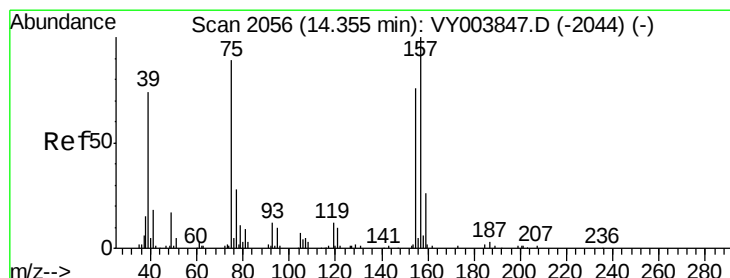
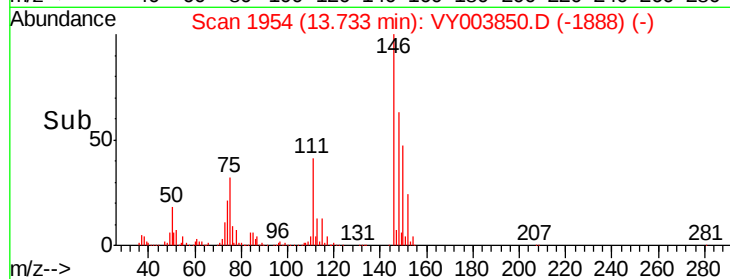
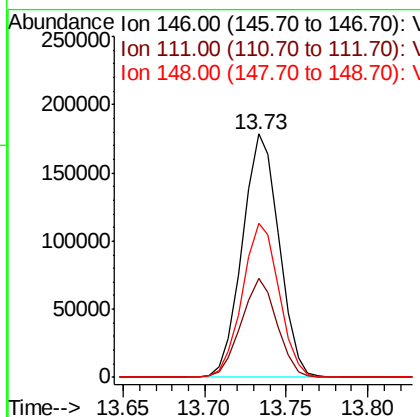
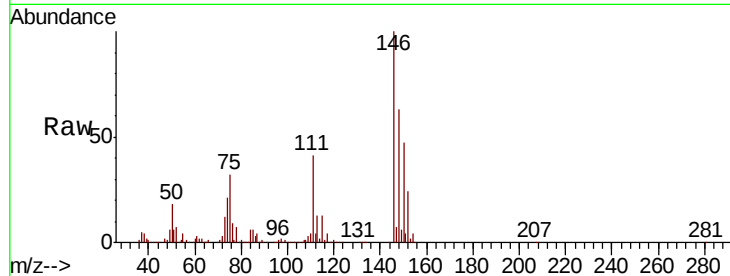




#67
 1,2-Dichlorobenzene
 Concen: 26.281 ug/L
 RT: 13.73 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

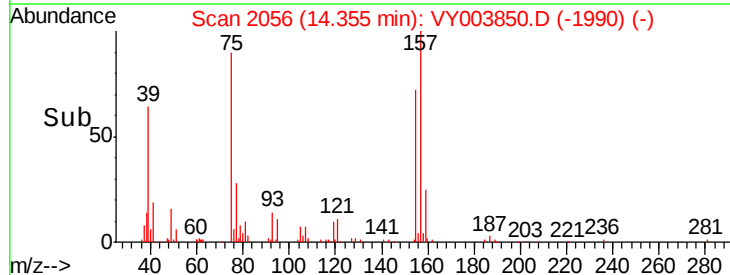
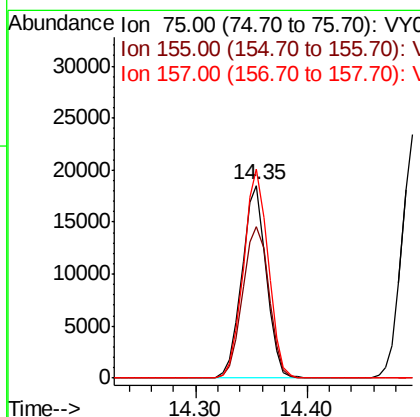
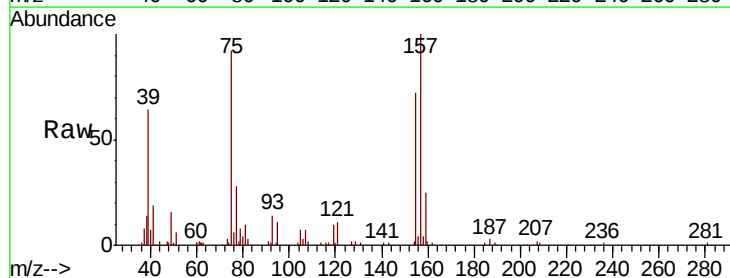
Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB94

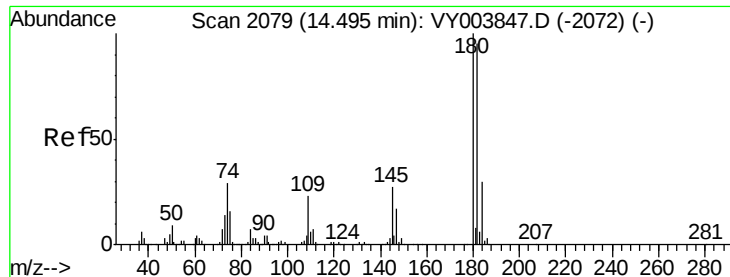
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	31.3	46.9
148	63.2	51.0	76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.797 ug/L
 RT: 14.35 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	68.2	102.4
157	108.5	90.2	135.4

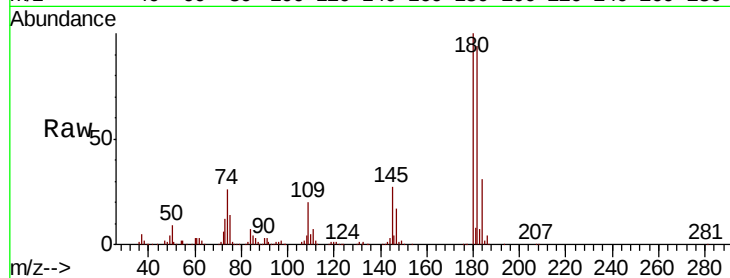




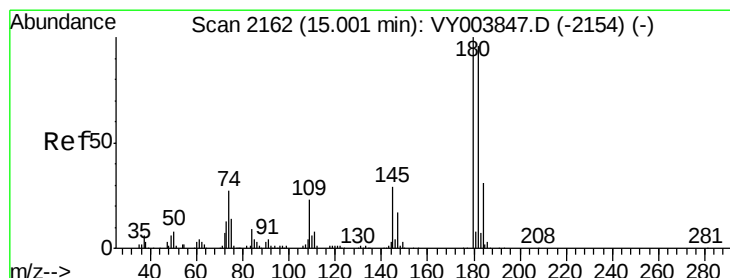
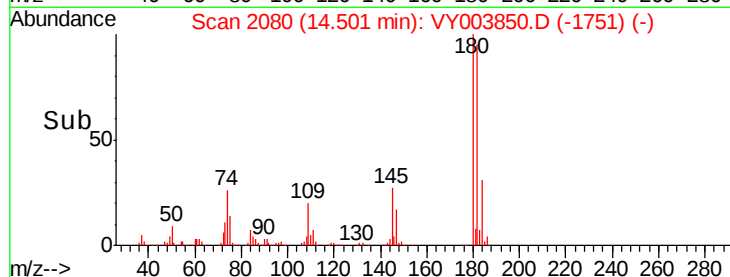
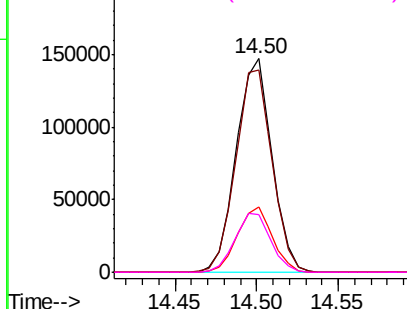
#69
 1,3,5-Trichlorobenzene
 Concen: 25.282 ug/L
 RT: 14.50 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB94

Tot Ion:180	Resp:	224337
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.6 113.4
184	30.1	24.9 37.3
145	27.6	21.8 32.6

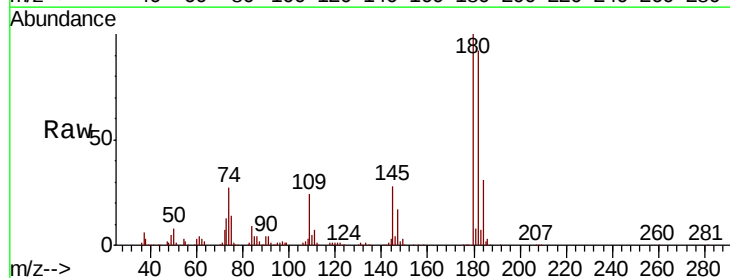


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

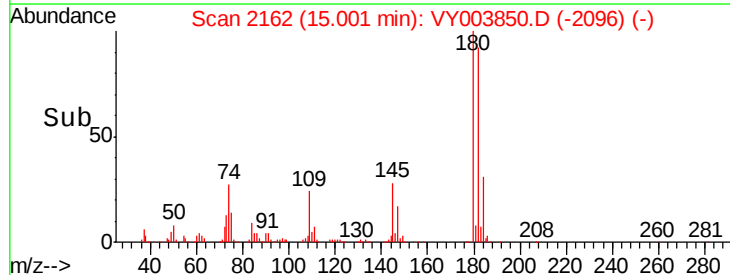
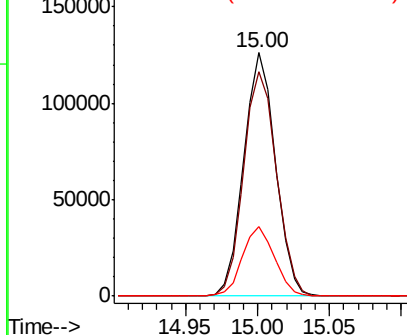


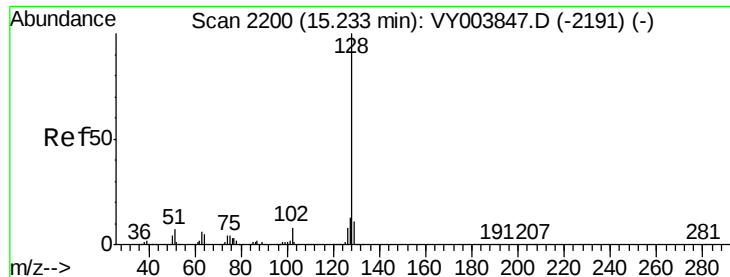
#70
 1,2,4-trichlorobenzene
 Concen: 25.574 ug/L
 RT: 15.00 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: VY003850.D
 Acq: 29 Dec 2020 13:37

Tgt Ion:180	Resp:	192403
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.1 114.1
145	28.7	22.6 33.8



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

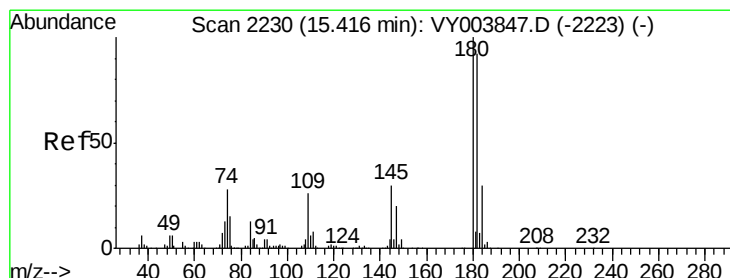
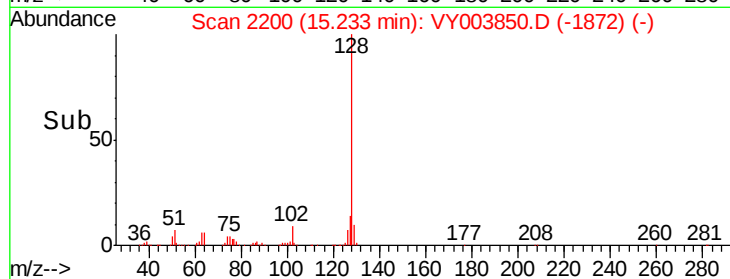
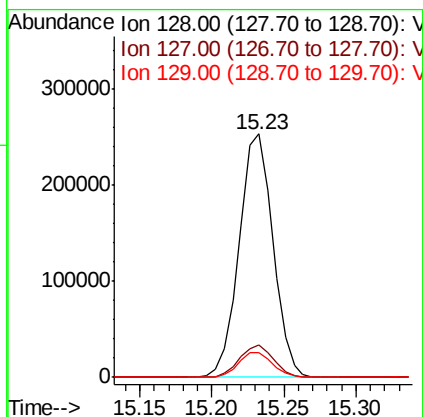
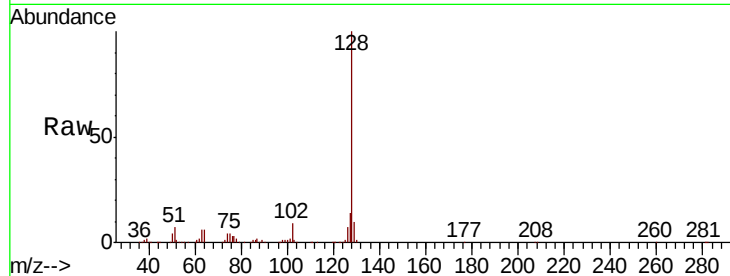




#71
Naphthalene
Concen: 26.308 ug/L
RT: 15.23 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
BFB94

Tot Ion:128 Resp: 413196
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.4 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.252 ug/L
RT: 15.42 min Scan# 2231
Delta R.T. 0.01 min
Lab File: VY003850.D
Acq: 29 Dec 2020 13:37

Tgt Ion:180 Resp: 174460
Ion Ratio Lower Upper
180 100
182 95.8 74.6 111.8
145 30.3 23.3 34.9

