

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002760.D
 Acq On : 27 May 2020 13:00
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Quant Time: May 27 13:14:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 12:34:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	310158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	466162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224776	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	395815	161.40	ug/l	0.00
Spiked Amount			Recovery	=	322.80%	
35) Dibromofluoromethane	7.72	113	396866	153.06	ug/l	0.00
Spiked Amount			Recovery	=	306.12%	
50) Toluene-d8	10.18	98	1572244	150.84	ug/l	0.00
Spiked Amount			Recovery	=	301.68%	
62) 4-Bromofluorobenzene	12.48	95	535497	148.93	ug/l	0.00
Spiked Amount			Recovery	=	297.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	279308	127.037	ug/l	97
3) Chloromethane	2.12	50	324926	130.046	ug/l	98
4) Vinyl Chloride	2.25	62	348865	133.653	ug/l	97
5) Bromomethane	2.63	94	239893	123.916	ug/l	96
6) Chloroethane	2.79	64	227992	136.458	ug/l	98
7) Trichlorofluoromethane	3.12	101	618226	139.147	ug/l	98
8) Diethyl Ether	3.53	74	237918	155.885	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	371893	137.842	ug/l	97
10) Methyl Iodide	4.10	142	559661	151.698	ug/l	100
11) Tert butyl alcohol	4.97	59	215507	852.031	ug/l	99
12) 1,1-Dichloroethene	3.88	96	375877	139.312	ug/l	100
13) Acrolein	3.73	56	232831	803.031	ug/l	100
14) Allyl chloride	4.49	41	561978	144.700	ug/l	100
15) Acrylonitrile	5.18	53	583870	838.972	ug/l	100
16) Acetone	3.96	43	485279	933.569	ug/l	99
17) Carbon Disulfide	4.19	76	1131108	134.762	ug/l	98
18) Methyl Acetate	4.48	43	238667	165.696	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1081704	159.512	ug/l	99
20) Methylene Chloride	4.72	84	418019	138.745	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	425617	141.826	ug/l	96
22) Diisopropyl ether	6.13	45	1154549	149.379	ug/l	94
23) Vinyl Acetate	6.07	43	3970812	796.258	ug/l	100
24) 1,1-Dichloroethane	6.02	63	669928	145.326	ug/l	100
25) 2-Butanone	6.99	43	742618	875.474	ug/l	100
26) 2,2-Dichloropropane	6.99	77	614119	142.417	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	478804	147.073	ug/l	99
28) Bromochloromethane	7.34	49	272007	147.566	ug/l	100
29) Tetrahydrofuran	7.35	42	486914	852.523	ug/l	100
30) Chloroform	7.51	83	712998	148.654	ug/l	97
31) Cyclohexane	7.79	56	616285	132.420	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	656500	147.887	ug/l	99
36) 1,1-Dichloropropene	7.93	75	556186	141.595	ug/l	100
37) Ethyl Acetate	7.08	43	318561	163.174	ug/l	100
38) Carbon Tetrachloride	7.91	117	618854	146.359	ug/l	98

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	735371	140.031	ug/l	98
40) Benzene	8.16	78	1663814	145.169	ug/l	99
41) Methacrylonitrile	7.35	41	442356	388.211	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	470023	154.381	ug/l	99
43) Isopropyl Acetate	8.28	43	615693	168.873	ug/l	99
44) Trichloroethene	8.94	130	520128	142.595	ug/l	98
45) 1,2-Dichloropropane	9.22	63	406609	148.786	ug/l	99
46) Dibromomethane	9.31	93	241588	156.701	ug/l	99
47) Bromodichloromethane	9.50	83	574740	153.327	ug/l	100
48) Methyl methacrylate	9.30	41	279936	167.413	ug/l	99
49) 1,4-Dioxane	9.30	88	76207	3542.191	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1606804	850.547	ug/l	99
52) Toluene	10.24	92	1088032	146.243	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	633966	157.734	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	706551	152.341	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	361437	156.183	ug/l	96
56) Ethyl methacrylate	10.51	69	512936	167.062	ug/l	99
57) 1,3-Dichloropropane	10.79	76	599586	155.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1207224	800.675	ug/l	100
59) 2-Hexanone	10.83	43	1149111	868.320	ug/l	100
60) Dibromochloromethane	10.99	129	470430	159.927	ug/l	99
61) 1,2-Dibromoethane	11.09	107	365833	160.747	ug/l	99
64) Tetrachloroethene	10.72	164	540150	132.920	ug/l	99
65) Chlorobenzene	11.52	112	1221879	146.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	465260	149.272	ug/l	100
67) Ethyl Benzene	11.59	91	2121377	144.764	ug/l	100
68) m/p-Xylenes	11.70	106	1651851	289.673	ug/l	99
69) o-Xylene	12.03	106	781027	145.696	ug/l	100
70) Styrene	12.05	104	1367353	148.354	ug/l	99
71) Bromoform	12.20	173	320100	164.673	ug/l #	99
73) Isopropylbenzene	12.33	105	2096916	143.729	ug/l	100
74) N-amyl acetate	12.14	43	568983	163.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	382920	172.881	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	566926	304.848	ug/l #	100
77) Bromobenzene	12.61	156	543316	148.083	ug/l	100
78) n-propylbenzene	12.67	91	2398648	141.344	ug/l	100
79) 2-Chlorotoluene	12.75	91	1359246	144.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1727371	140.892	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	163841	165.190	ug/l	100
82) 4-Chlorotoluene	12.85	91	1411897	142.593	ug/l	100
83) tert-Butylbenzene	13.08	119	1538504	141.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1736402	141.483	ug/l	100
85) sec-Butylbenzene	13.25	105	2070981	138.290	ug/l	100
86) p-Isopropyltoluene	13.37	119	1946292	139.026	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1009270	142.641	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1004015	142.539	ug/l	100
89) n-Butylbenzene	13.69	91	1738594	135.211	ug/l	100
90) Hexachloroethane	13.96	117	371634	142.948	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	915896	143.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	73970	173.896	ug/l	98

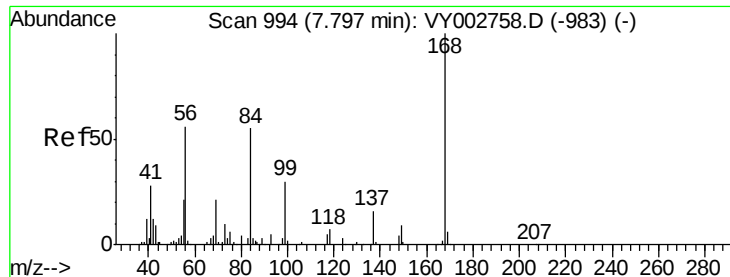
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002760.D
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Quant Title : SW846 8260
QLast Update : Wed May 27 12:34:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	687310	139.531	ug/l	99
94) Hexachlorobutadiene	15.11	225	375594	126.864	ug/l	99
95) Naphthalene	15.23	128	1452388	162.716	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	621911	144.624	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

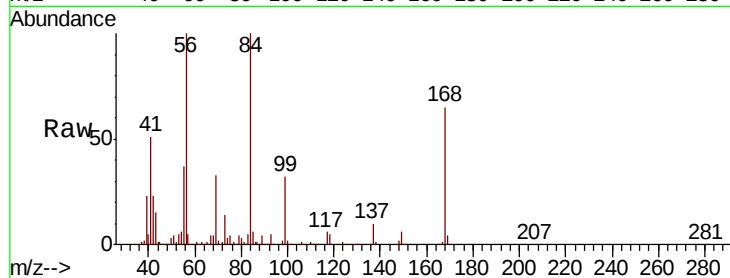
VSTDIC150

Tot Ion:168 Resp: 310158

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002760.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002760.D (-945) (-)

7.80

150000

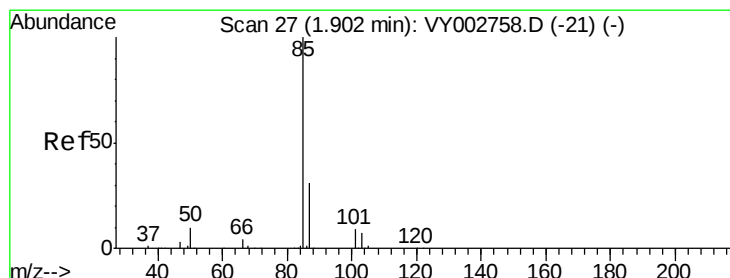
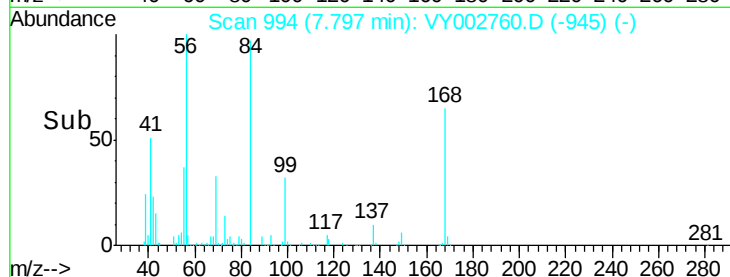
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 127.037 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002760.D

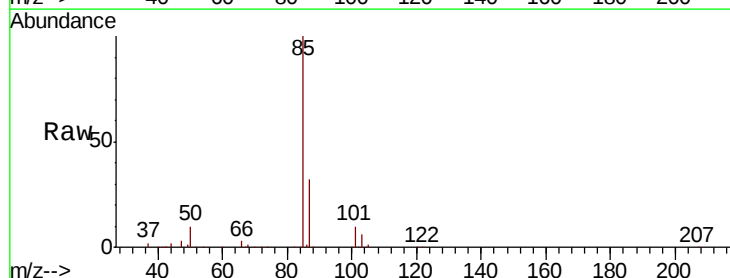
Acq: 27 May 2020 13:00

Tgt Ion: 85 Resp: 279308

Ion Ratio Lower Upper

85 100

87 32.4 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002760.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002760.D (-1) (-)

1.90

200000

150000

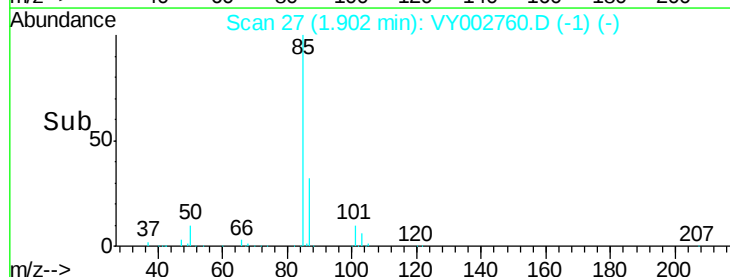
100000

50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 130.046 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

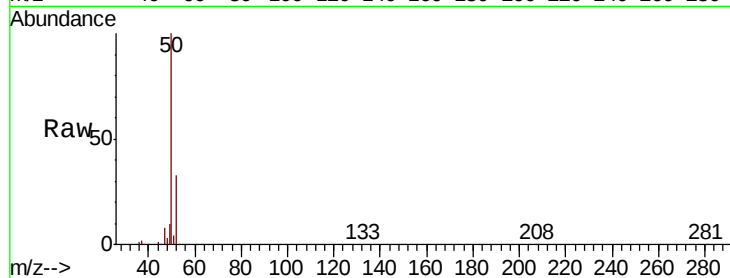
VSTDIC150

Tot Ion: 50 Resp: 324926

Ion Ratio Lower Upper

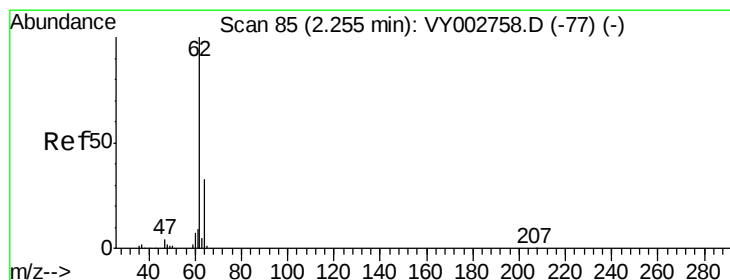
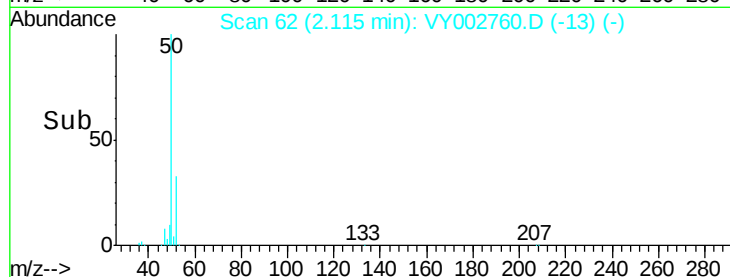
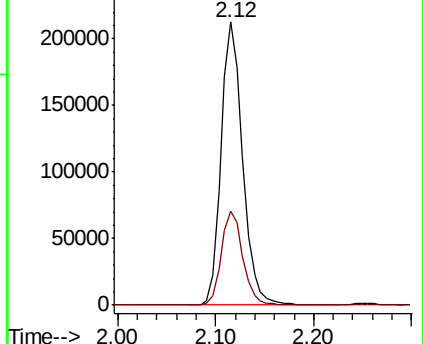
50 100

52 33.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002760.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002760.D (-13) (-)



#4

Vinyl Chloride

Concen: 133.653 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002760.D

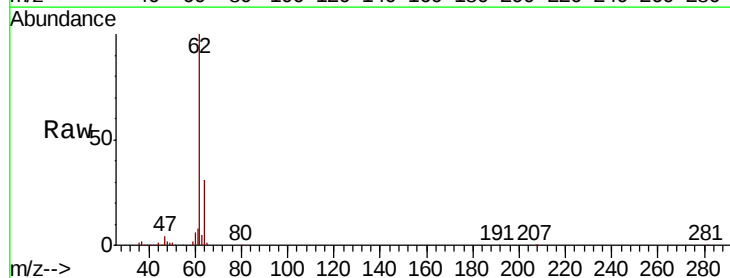
Acq: 27 May 2020 13:00

Tgt Ion: 62 Resp: 348865

Ion Ratio Lower Upper

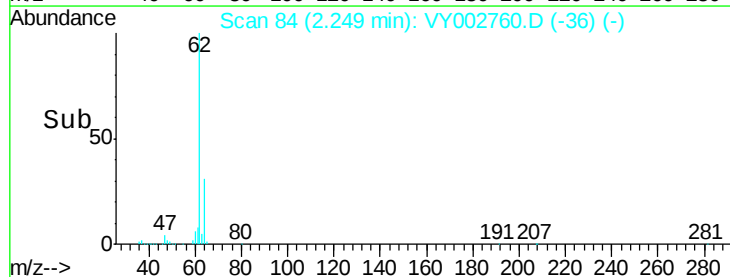
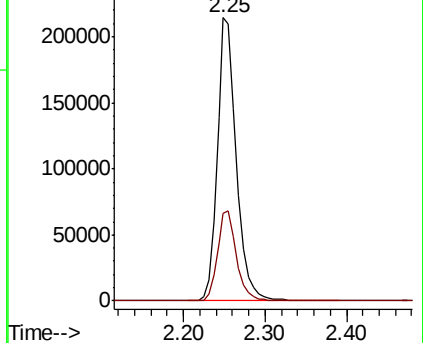
62 100

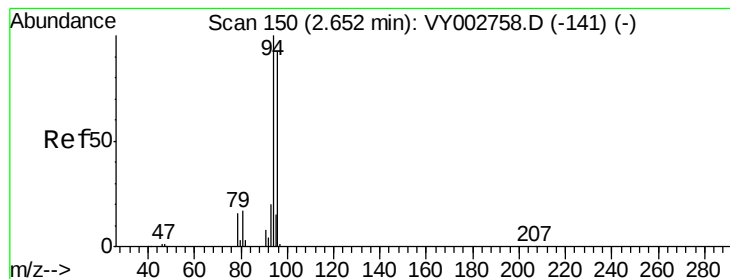
64 30.9 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY002760.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VY002760.D (-36) (-)





#5

Bromomethane

Concen: 123.916 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

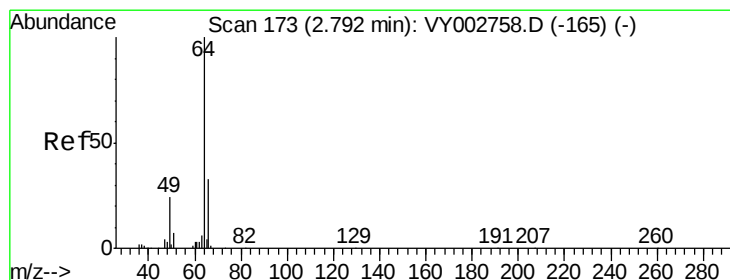
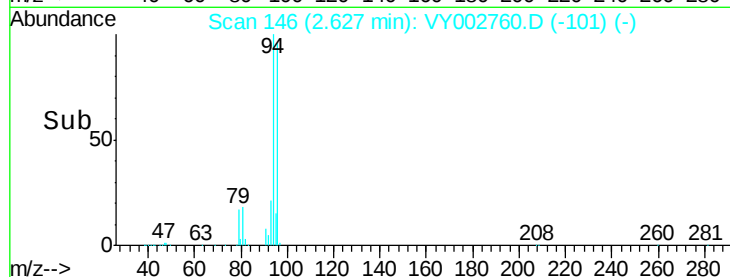
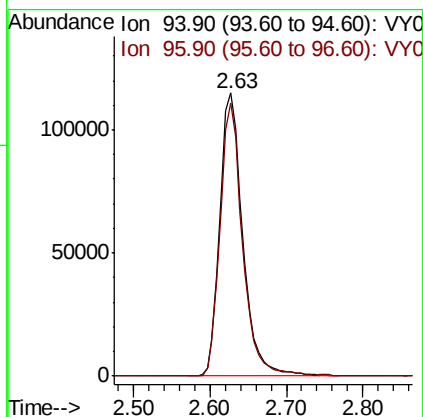
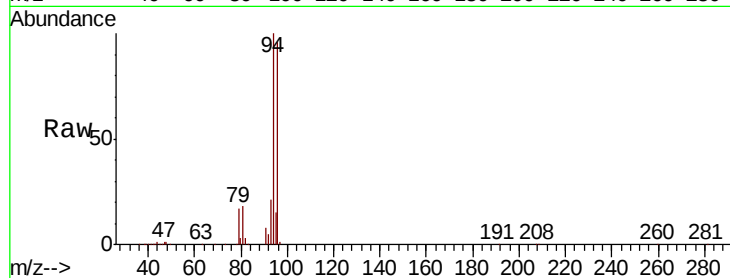
VSTDIC150

Tot Ion: 94 Resp: 239893

Ion Ratio Lower Upper

94 100

96 96.3 73.7 110.5



#6

Chloroethane

Concen: 136.458 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002760.D

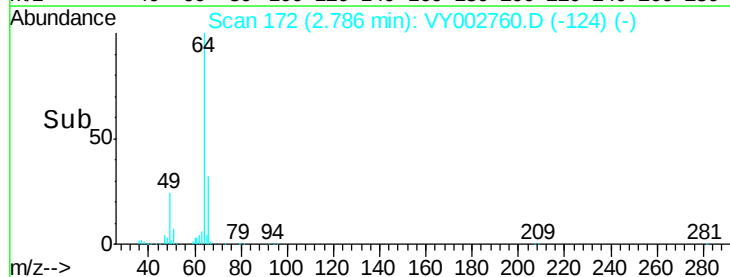
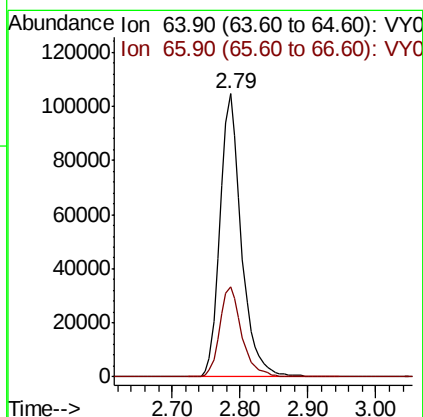
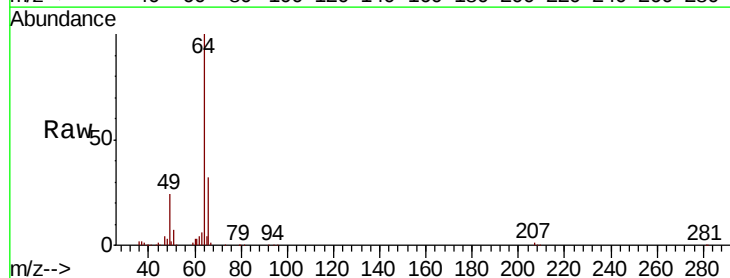
Acq: 27 May 2020 13:00

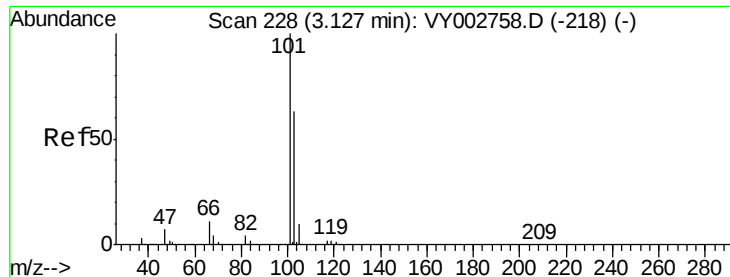
Tgt Ion: 64 Resp: 227992

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6



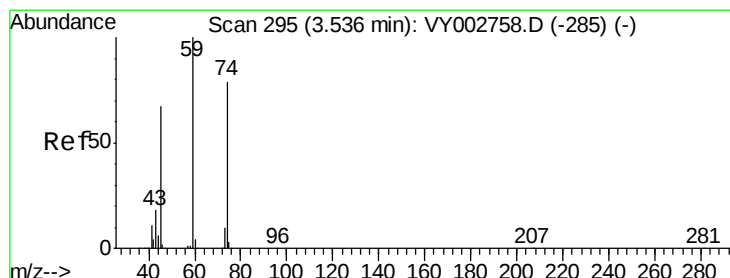
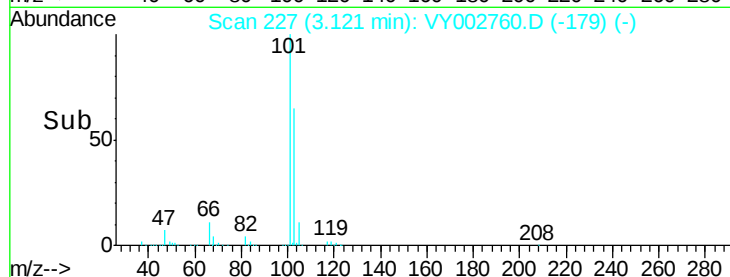
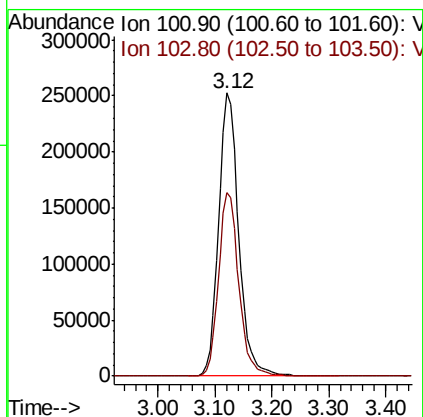
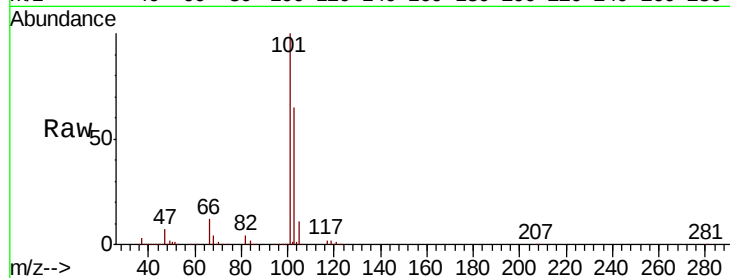


#7

Trichlorofluoromethane
Concen: 139.147 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
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ClientSampleId :
VSTDIC150

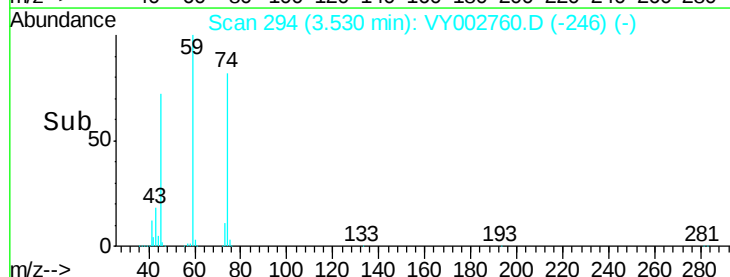
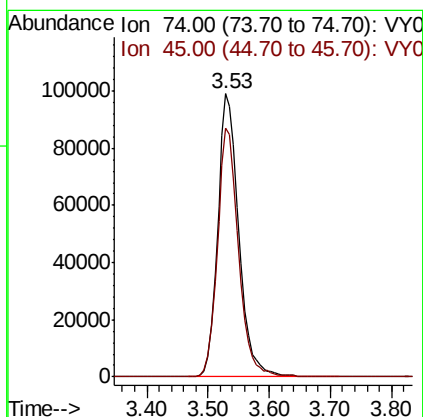
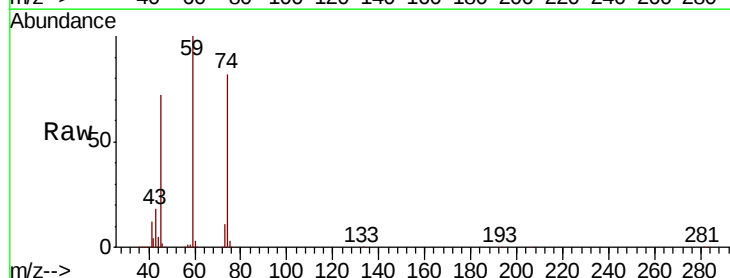
Tot Ion:101 Resp: 618226
Ion Ratio Lower Upper
101 100
103 65.0 50.6 76.0

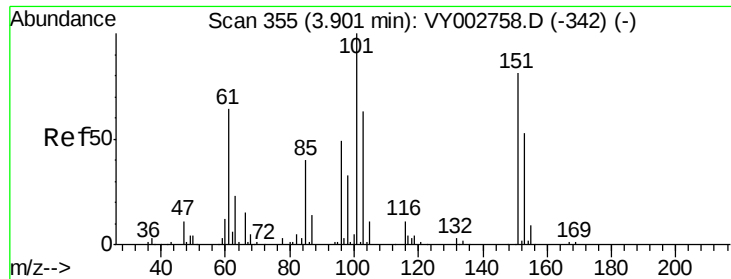


#8

Diethyl Ether
Concen: 155.885 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 74 Resp: 237918
Ion Ratio Lower Upper
74 100
45 87.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.842 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

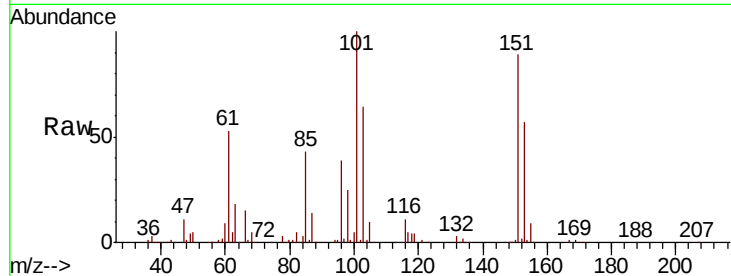
Tot Ion:101 Resp: 371893

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

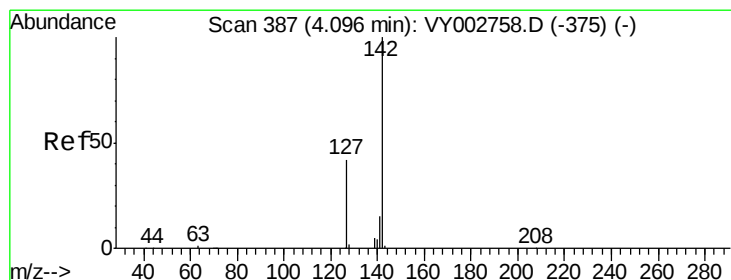
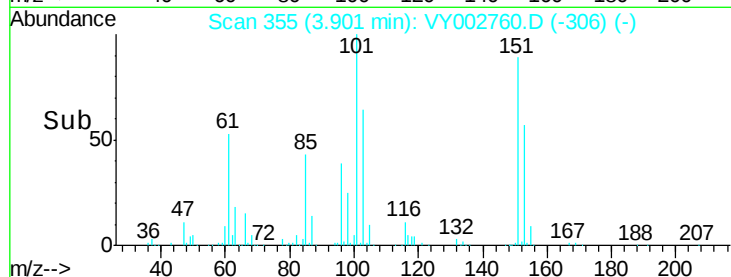
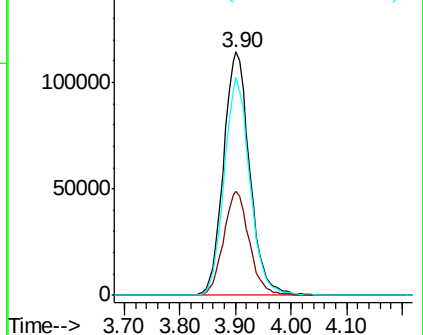
151 88.1 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 151.698 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

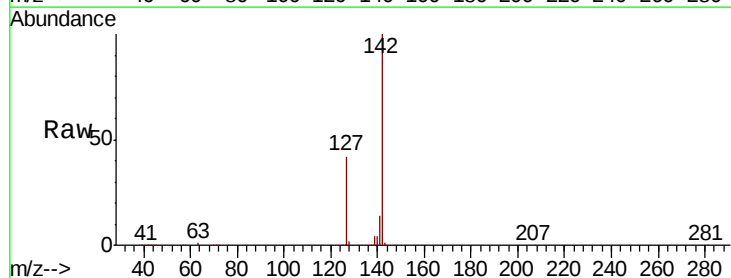
Tgt Ion:142 Resp: 559661

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

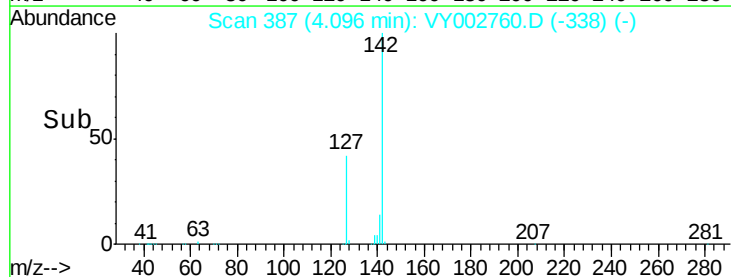
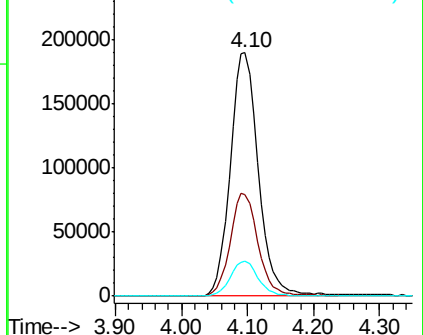
141 14.4 11.5 17.3

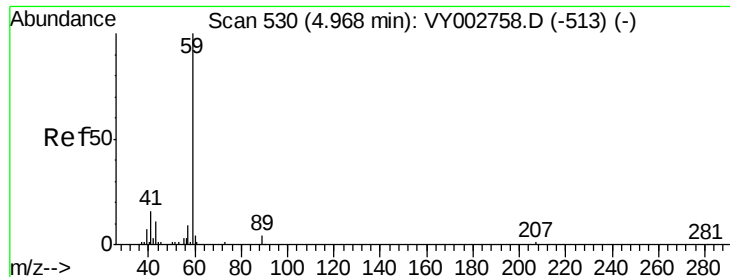


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

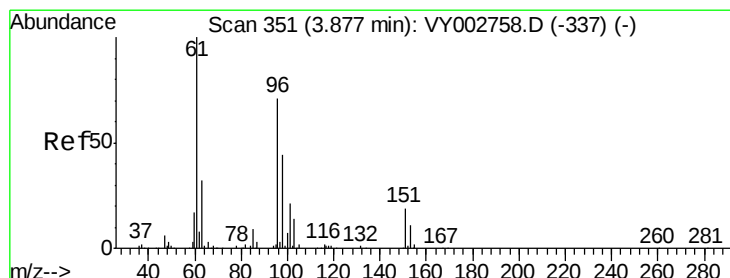
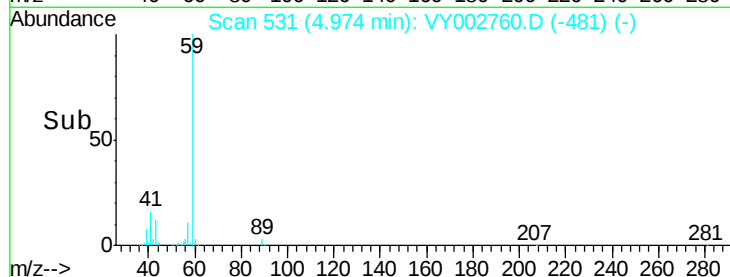
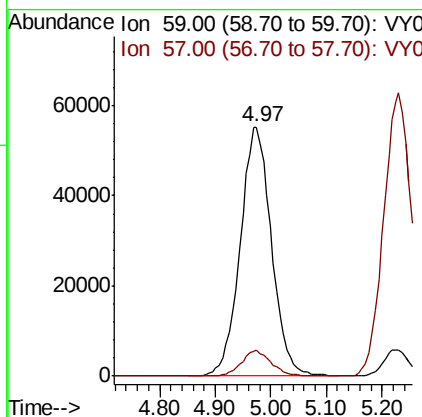
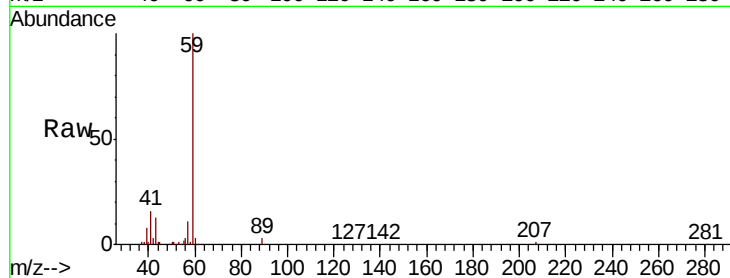




#11
Tert butyl alcohol
Concen: 852.031 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

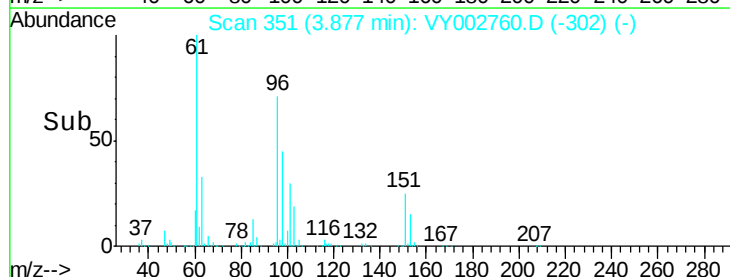
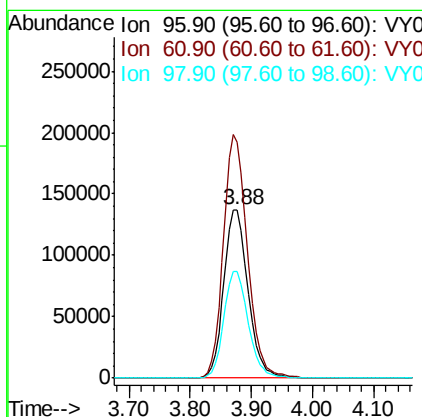
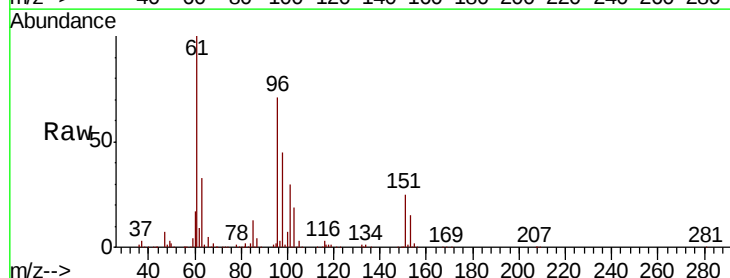
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

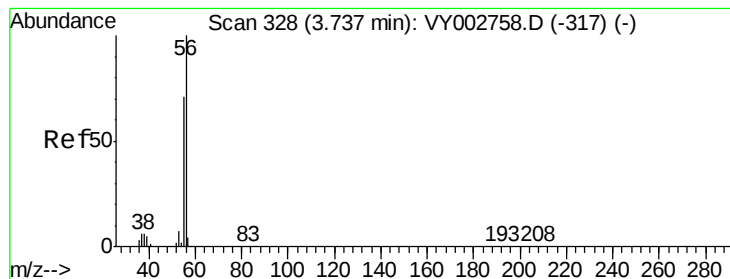
Tot Ion: 59 Resp: 215507
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 139.312 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 96 Resp: 375877
Ion Ratio Lower Upper
96 100
61 140.5 112.6 168.8
98 63.4 50.0 75.0





#13

Acrolein

Concen: 803.031 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

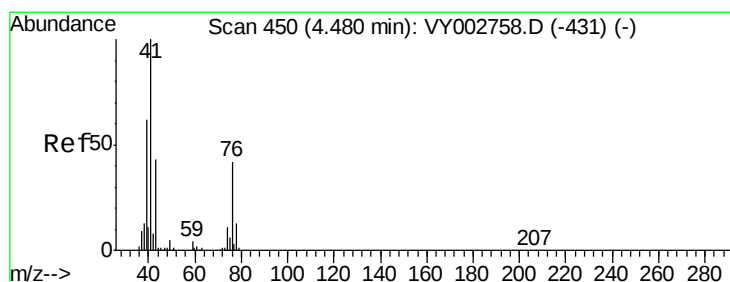
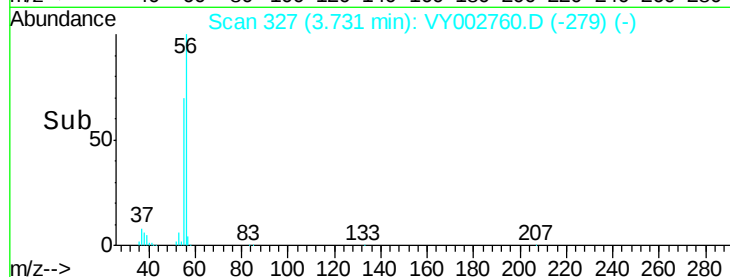
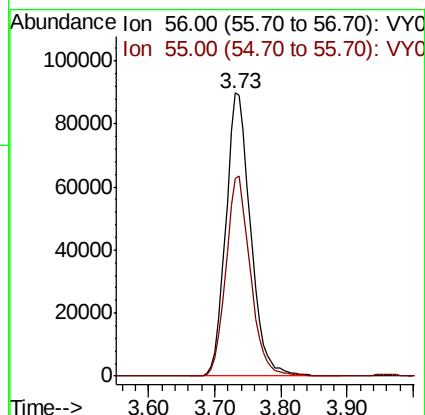
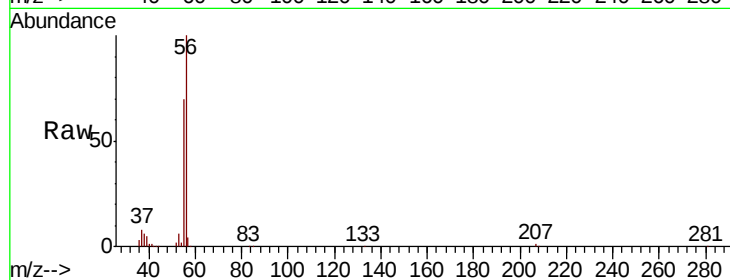
VSTDIC150

Tot Ion: 56 Resp: 232831

Ion Ratio Lower Upper

56 100

55 69.7 56.0 84.0



#14

Allyl chloride

Concen: 144.700 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

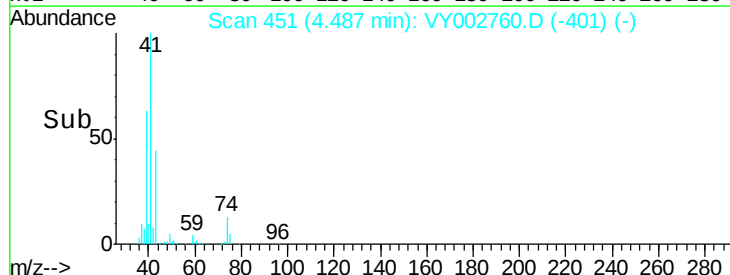
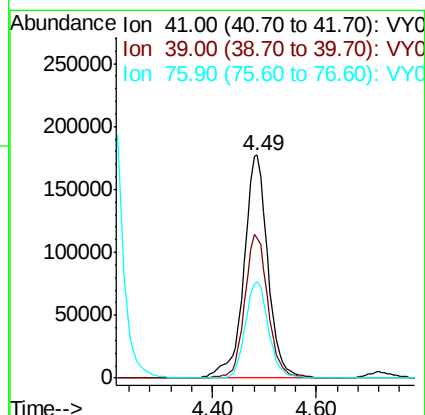
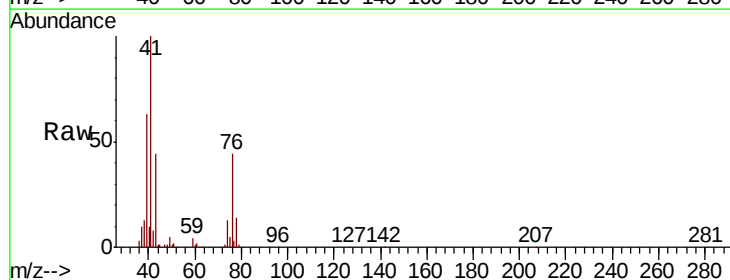
Tgt Ion: 41 Resp: 561978

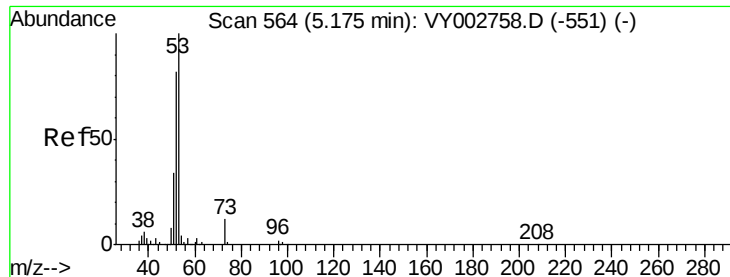
Ion Ratio Lower Upper

41 100

39 62.6 49.9 74.9

76 41.6 33.2 49.8





#15

Acrylonitrile

Concen: 838.972 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

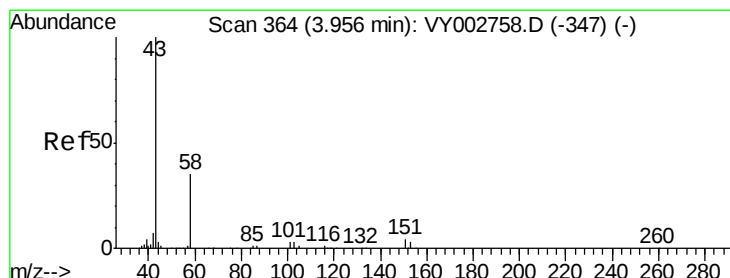
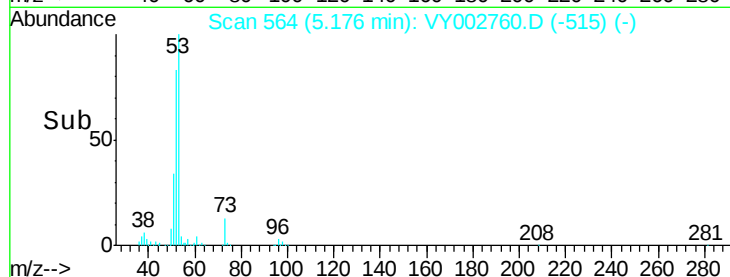
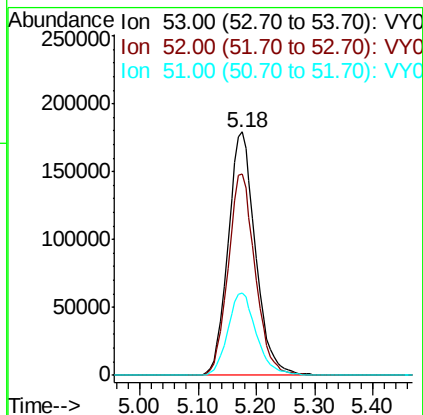
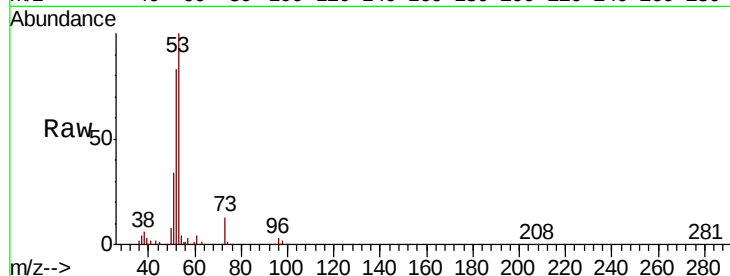
Tot Ion: 53 Resp: 583870

Ion Ratio Lower Upper

53 100

52 81.8 65.3 97.9

51 35.5 28.0 42.0



#16

Acetone

Concen: 933.569 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002760.D

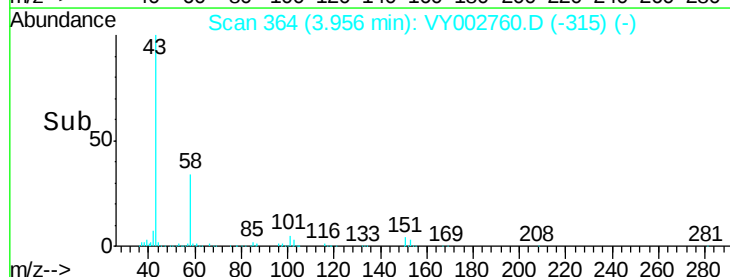
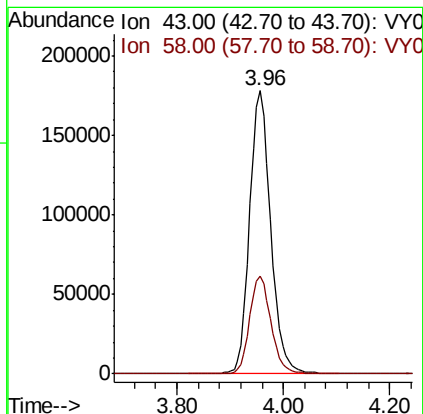
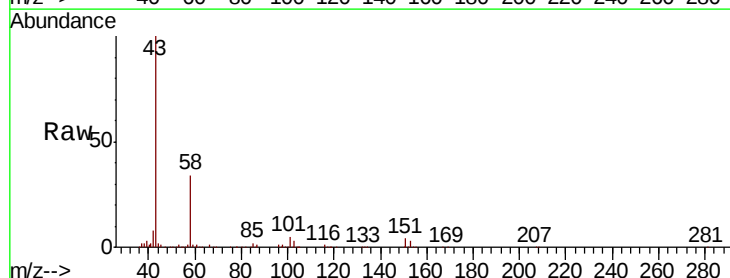
Acq: 27 May 2020 13:00

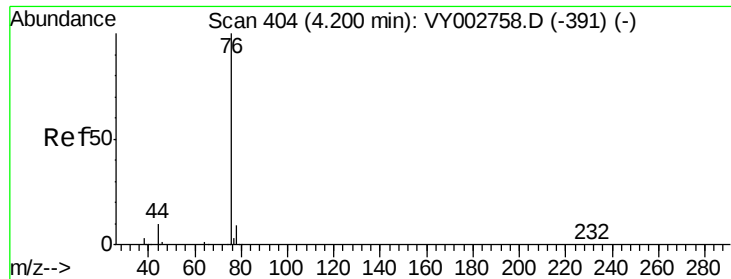
Tgt Ion: 43 Resp: 485279

Ion Ratio Lower Upper

43 100

58 34.3 27.7 41.5

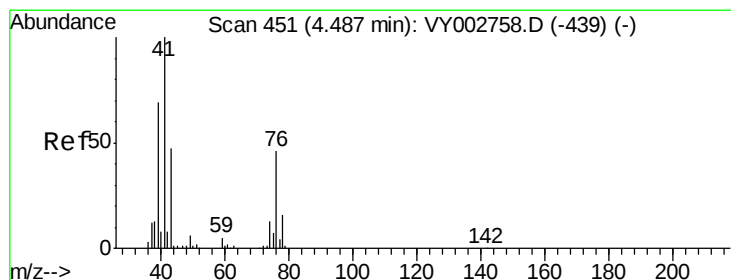
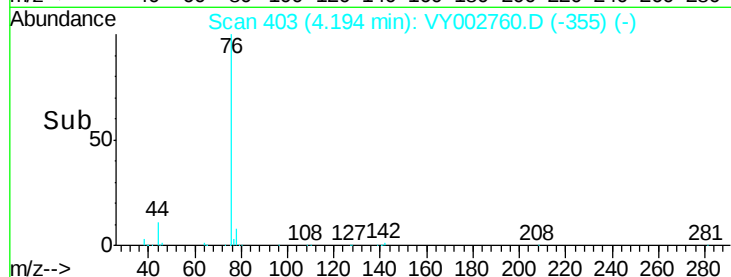
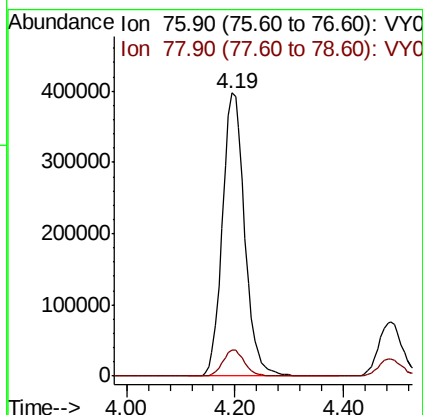
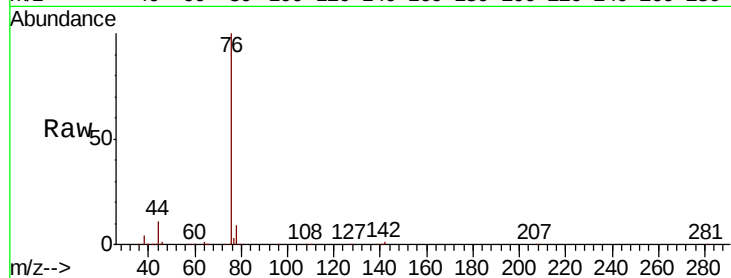




#17
Carbon Disulfide
Concen: 134.762 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

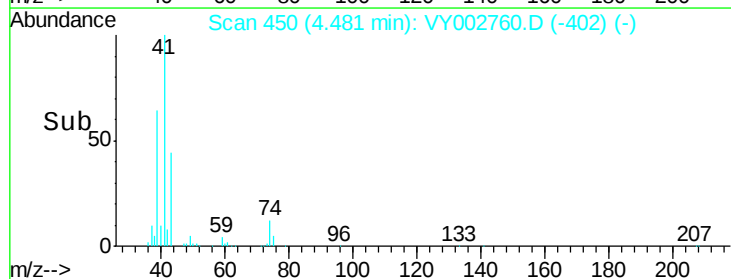
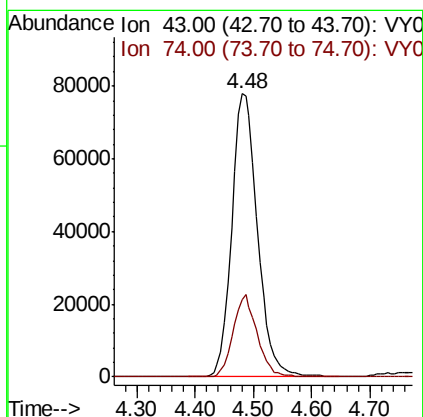
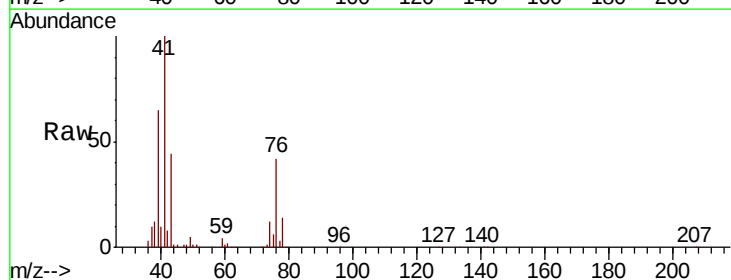
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

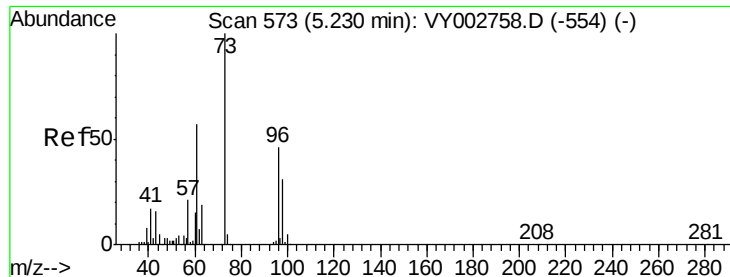
Tot Ion: 76 Resp: 1131108
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 165.696 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 43 Resp: 238667
Ion Ratio Lower Upper
43 100
74 27.2 21.4 32.0



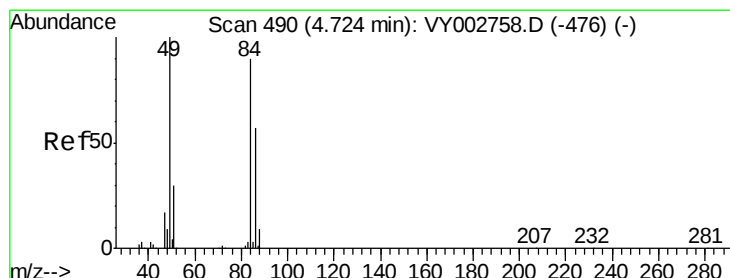
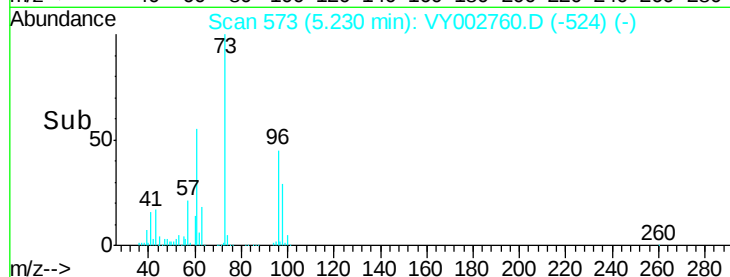
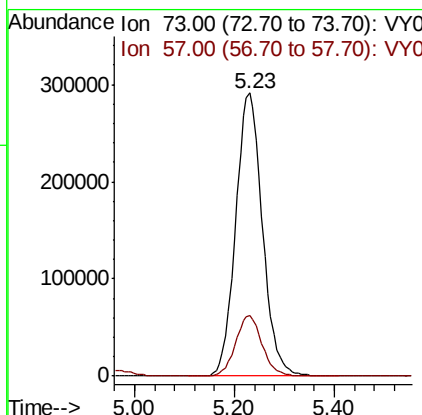
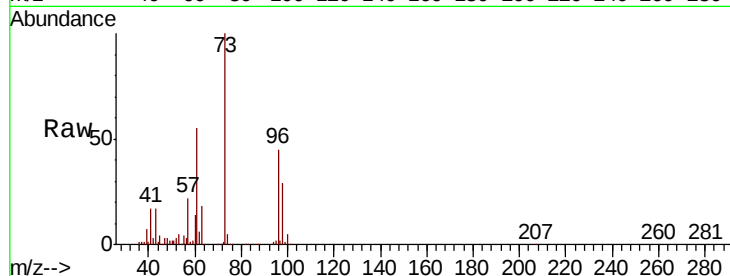


#19

Methyl tert-butyl Ether
 Concen: 159.512 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

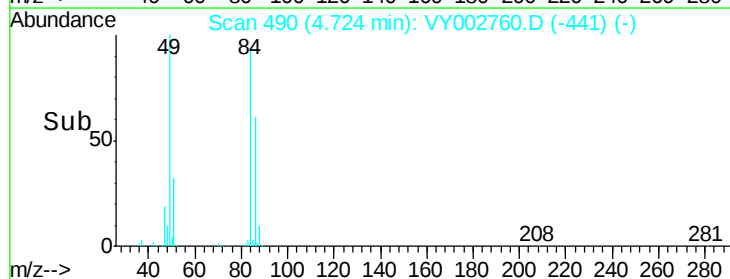
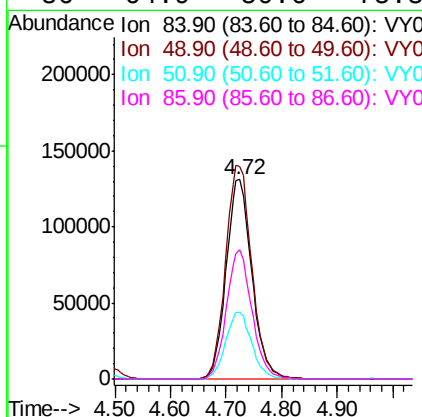
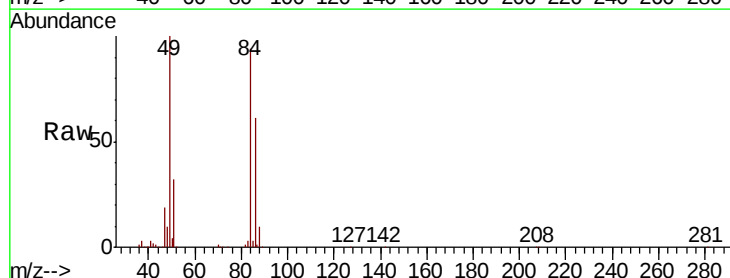
Tot Ion: 73 Resp: 1081704
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.0 25.4

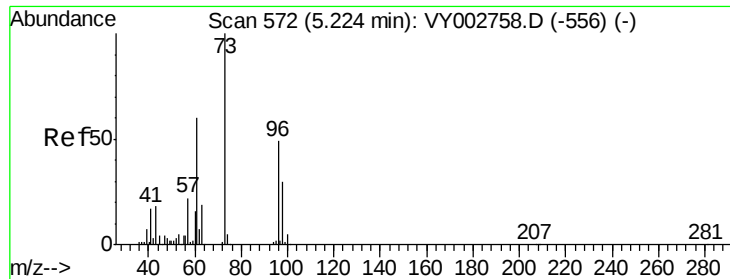


#20

Methylene Chloride
 Concen: 138.745 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion: 84 Resp: 418019
 Ion Ratio Lower Upper
 84 100
 49 106.4 88.5 132.7
 51 33.6 26.8 40.2
 86 64.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 141.826 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

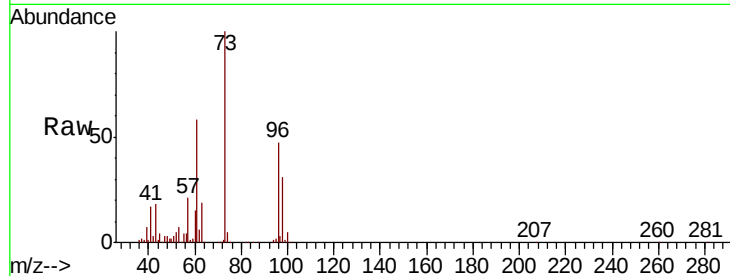
Tot Ion: 96 Resp: 425617

Ion Ratio Lower Upper

96 100

61 124.0 96.8 145.2

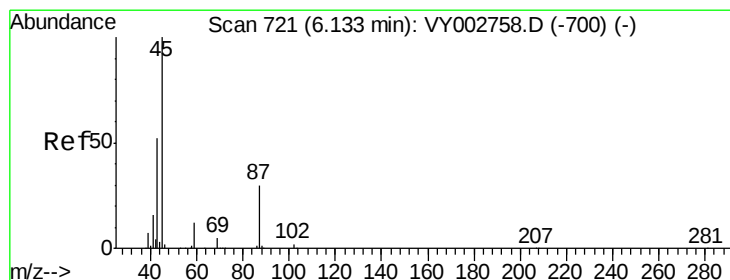
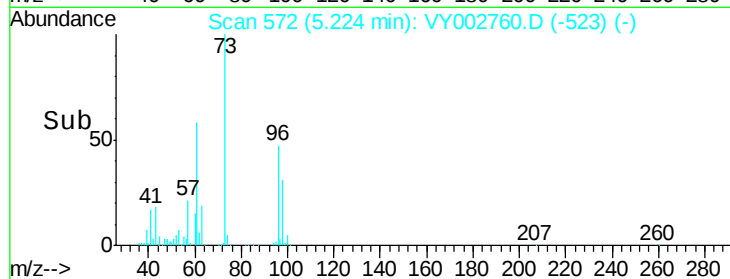
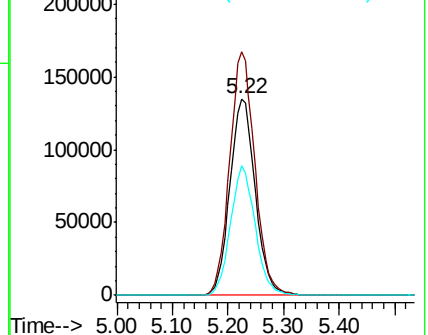
98 65.9 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 149.379 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion: 45 Resp: 1154549

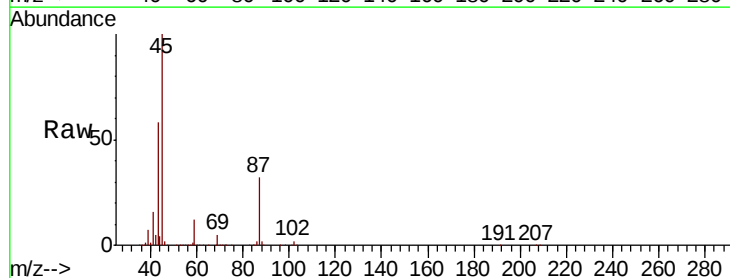
Ion Ratio Lower Upper

45 100

43 58.2 41.7 62.5

87 31.7 24.2 36.2

59 12.2 9.8 14.8

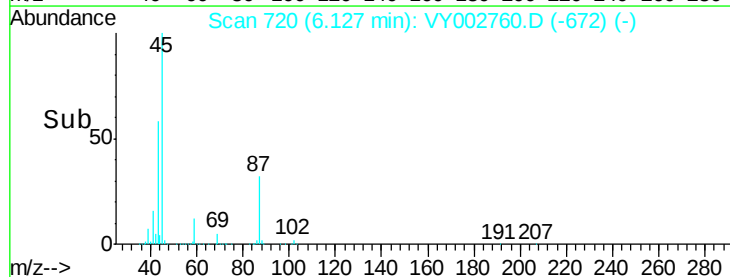
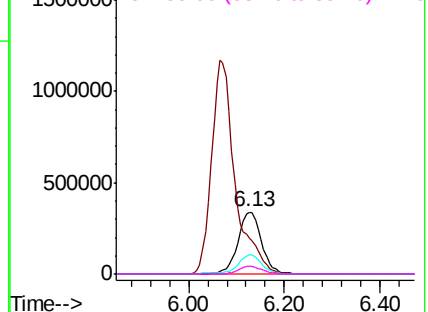


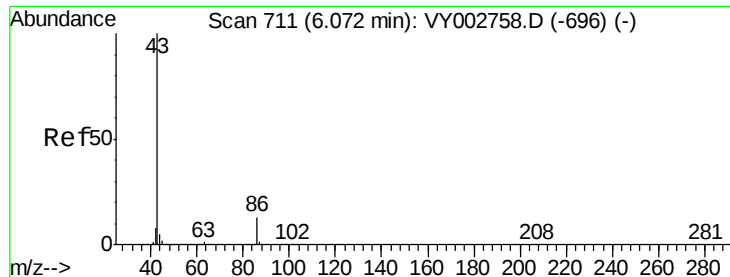
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 796.258 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

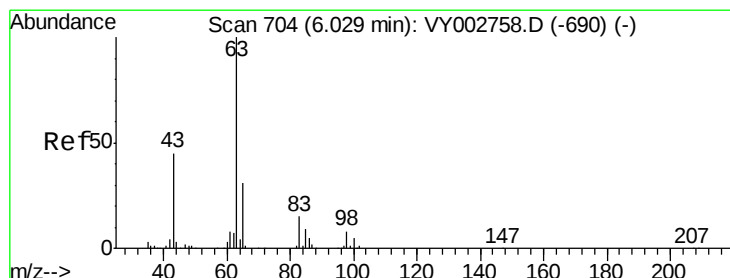
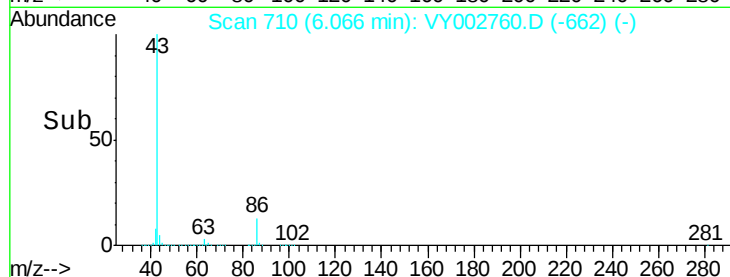
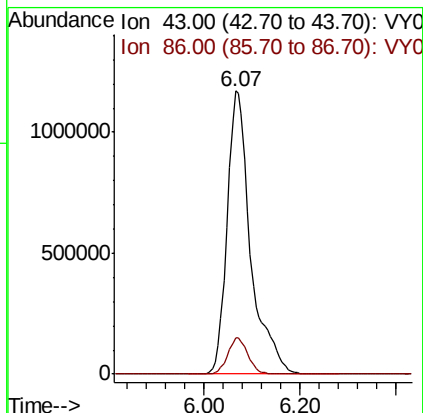
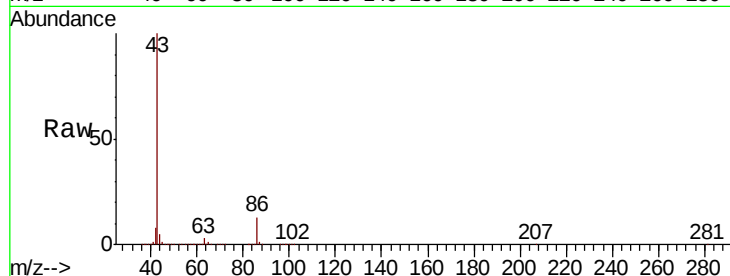
VSTDIC150

Tot Ion: 43 Resp: 3970812

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 145.326 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

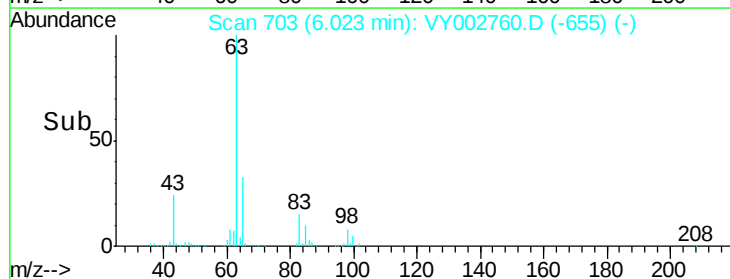
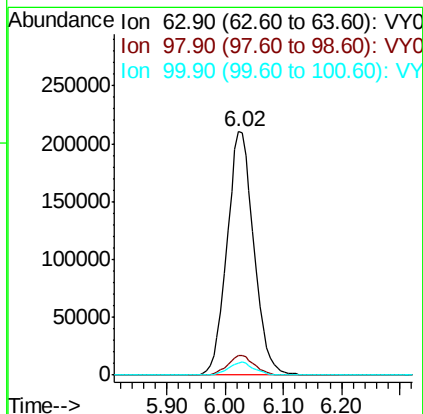
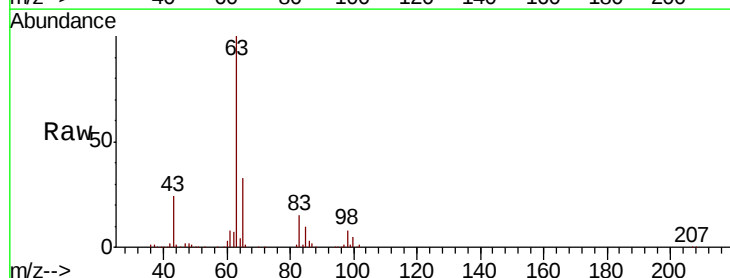
Tgt Ion: 63 Resp: 669928

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

100 4.9 2.4 7.1

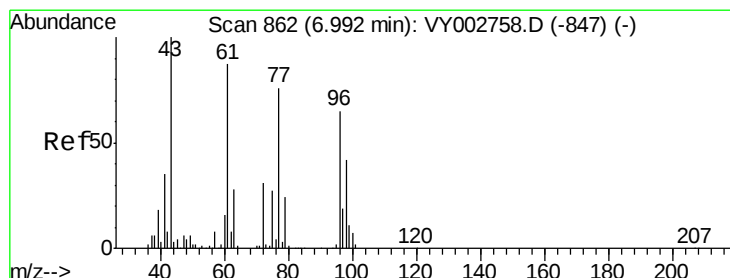
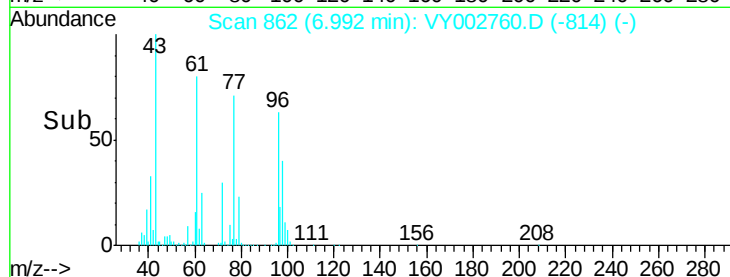
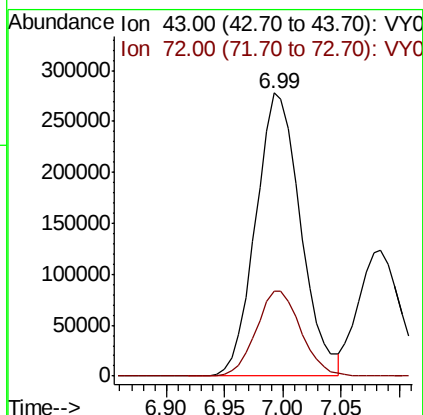
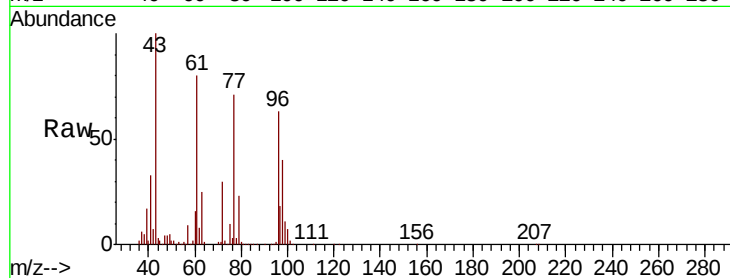




#25
2-Butanone
Concen: 875.474 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

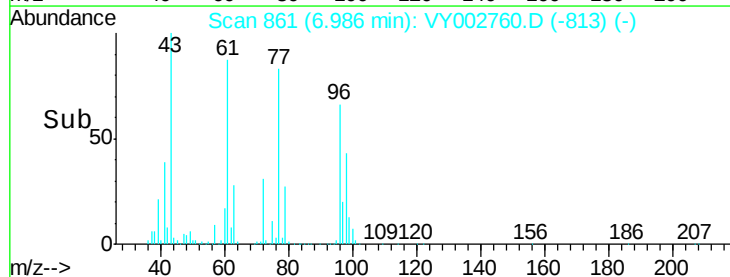
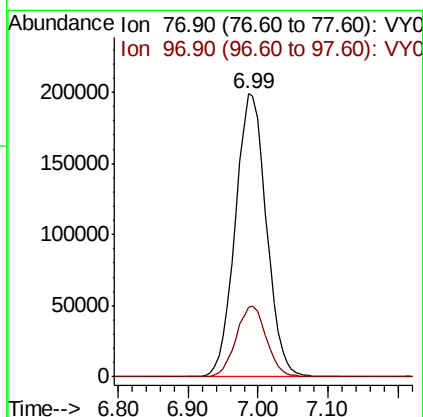
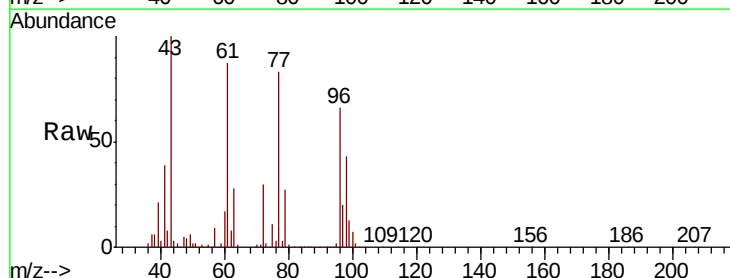
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

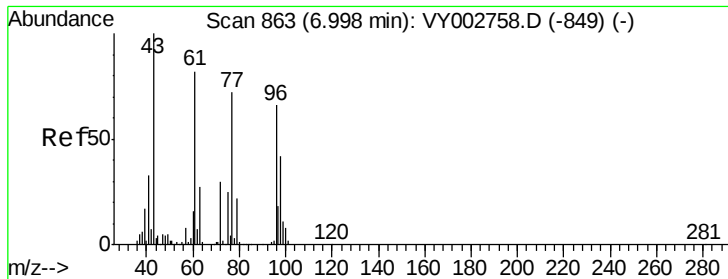
Tot Ion: 43 Resp: 742618
Ion Ratio Lower Upper
43 100
72 30.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 142.417 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 77 Resp: 614119
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6



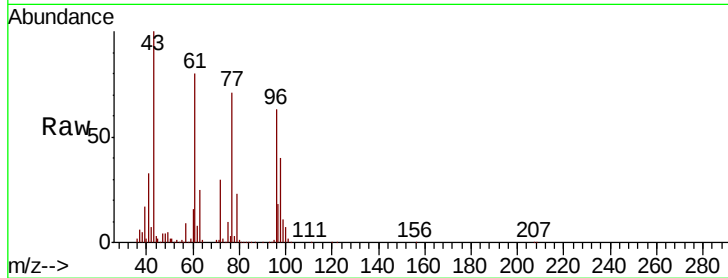


#27

cis-1,2-Dichloroethene
 Concen: 147.073 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	96	Resp	478804
Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	260.2
98	64.9	0.0	128.2

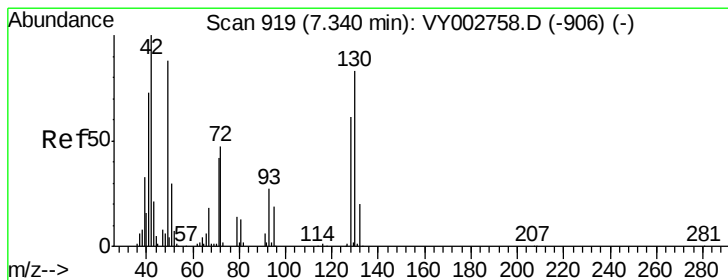
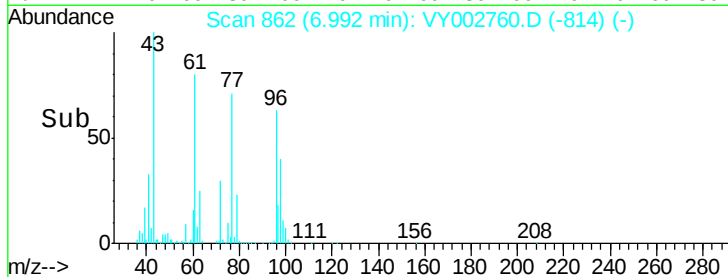
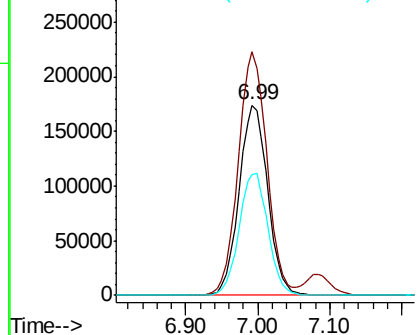


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

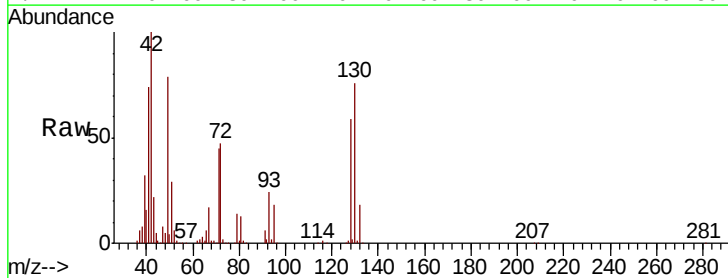
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 147.566 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	49	Resp	272007
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	96.5	77.1	115.7

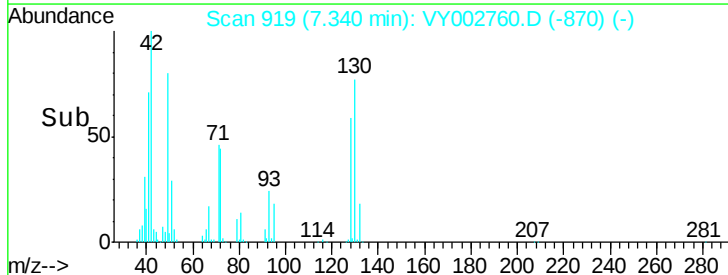
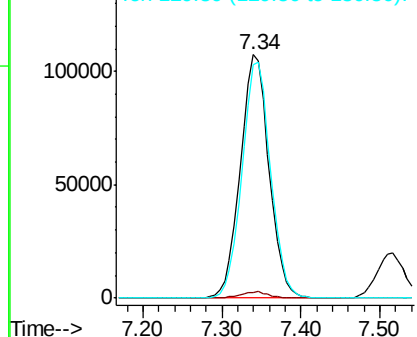


Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 852.523 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

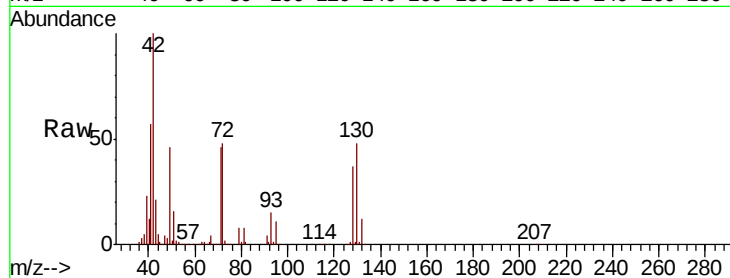
Tot Ion: 42 Resp: 486914

Ion Ratio Lower Upper

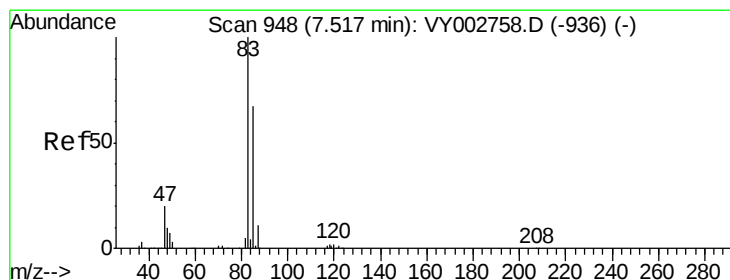
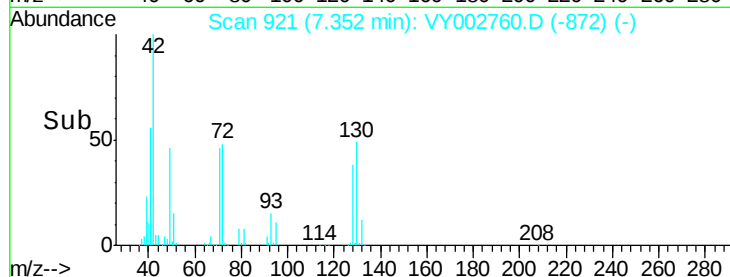
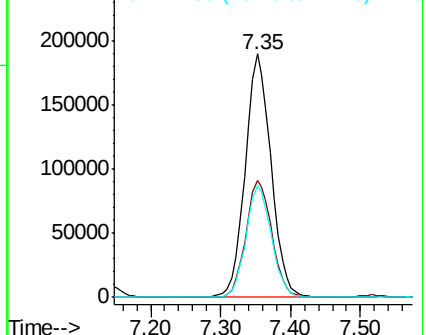
42 100

72 48.2 38.6 58.0

71 45.3 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 148.654 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002760.D

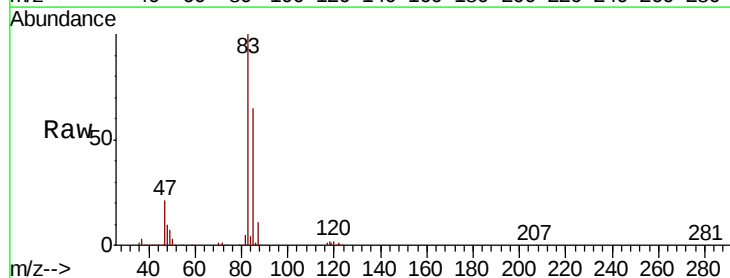
Acq: 27 May 2020 13:00

Tgt Ion: 83 Resp: 712998

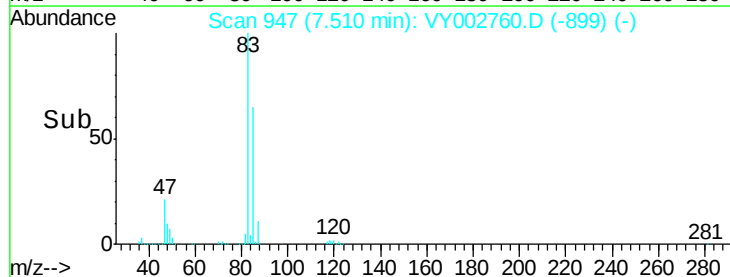
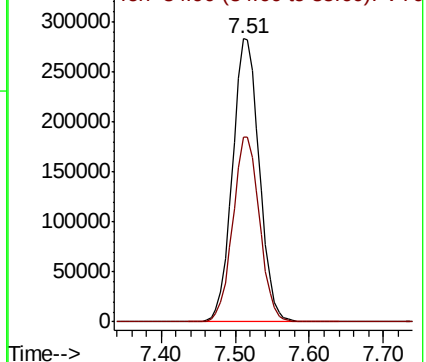
Ion Ratio Lower Upper

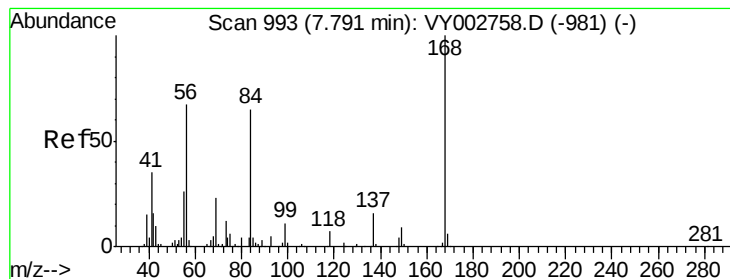
83 100

85 65.2 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 132.420 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

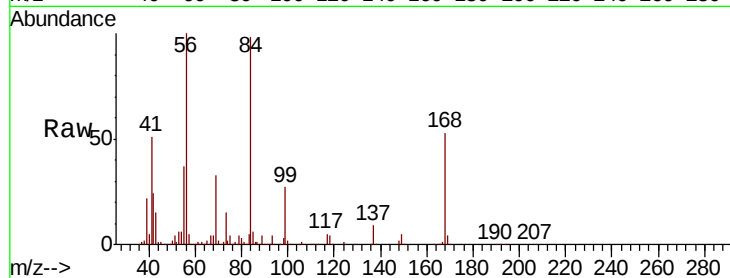
Tot Ion: 56 Resp: 616285

Ion Ratio Lower Upper

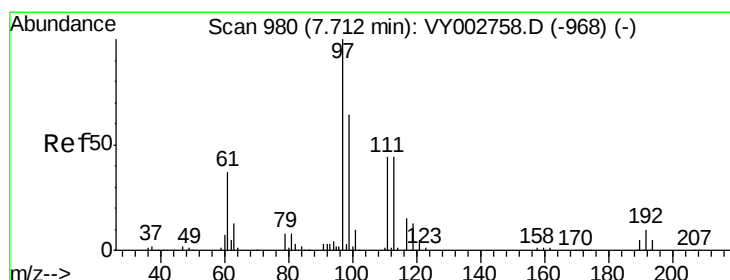
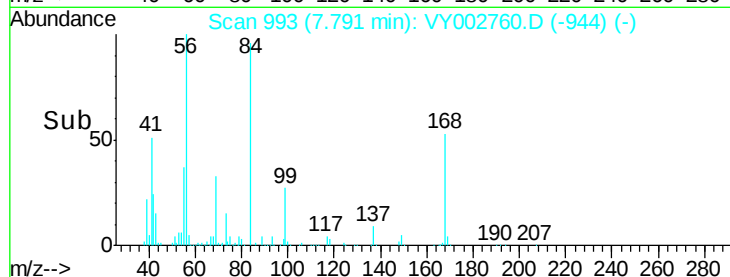
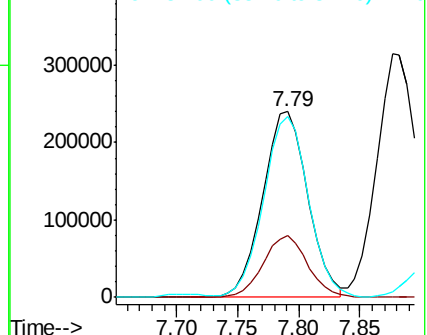
56 100

69 33.1 28.0 42.0

84 95.9 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 147.887 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

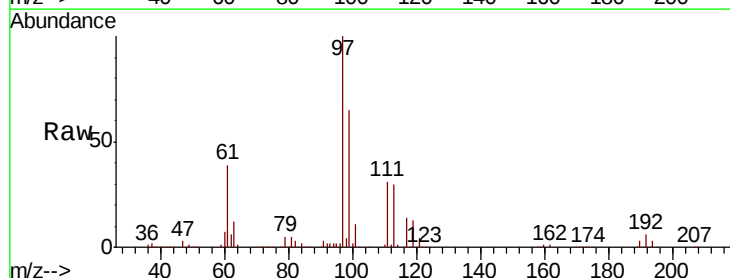
Tgt Ion: 97 Resp: 656500

Ion Ratio Lower Upper

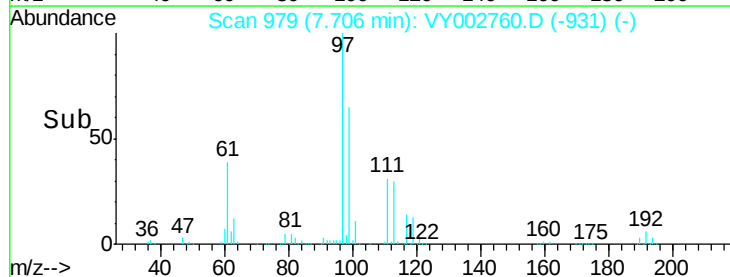
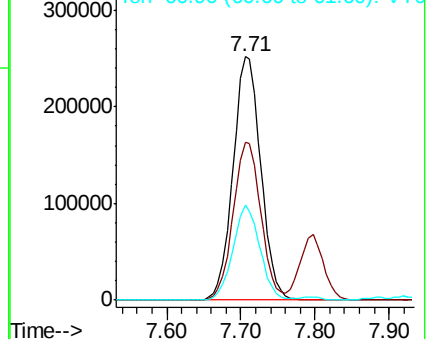
97 100

99 65.0 51.4 77.0

61 37.8 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 161.398 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

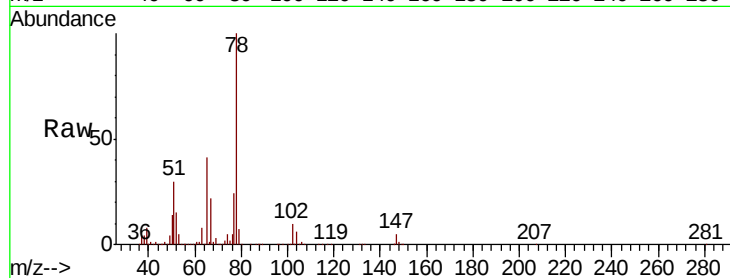
VSTDIC150

Tot Ion: 65 Resp: 395815

Ion Ratio Lower Upper

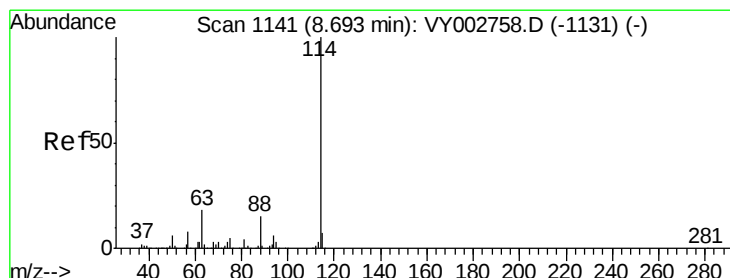
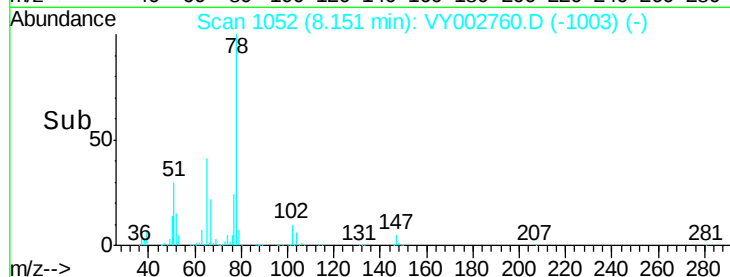
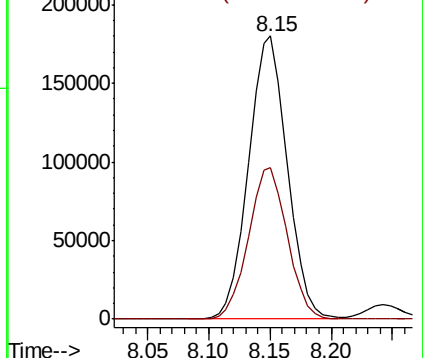
65 100

67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002760.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002760.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

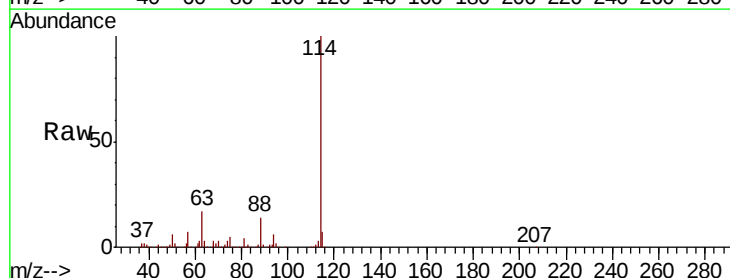
Tgt Ion: 114 Resp: 466162

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

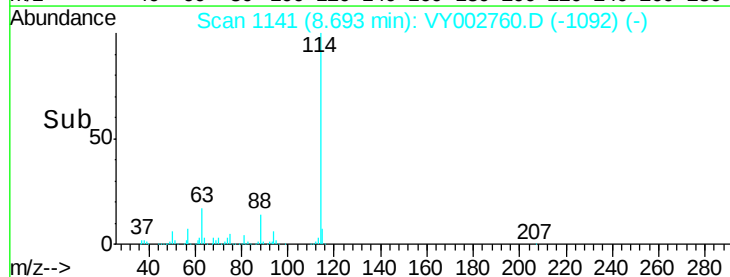
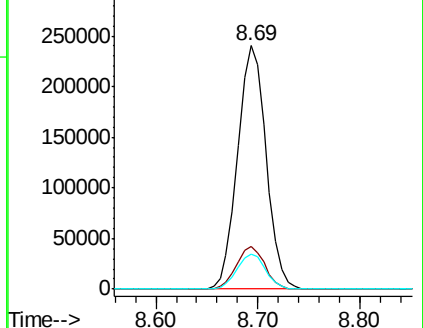
88 14.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VY002760.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY002760.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY002760.D (-1092) (-)

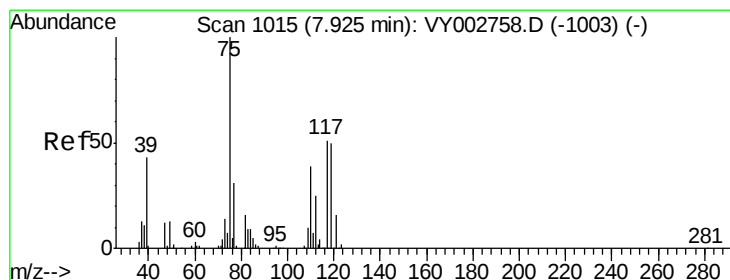
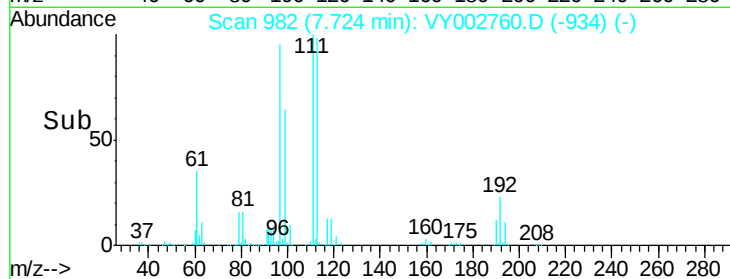
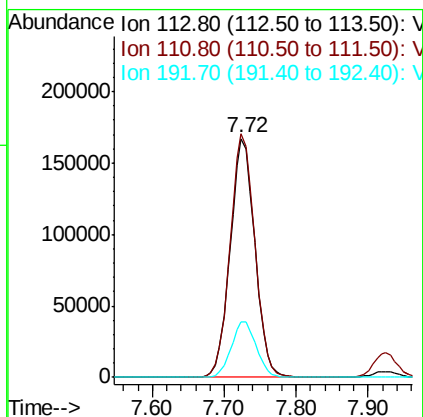
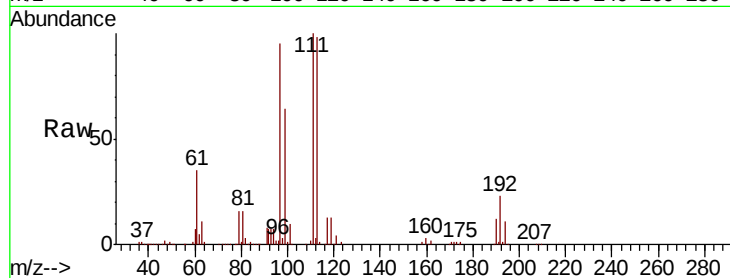




#35
Dibromofluoromethane
Concen: 153.056 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

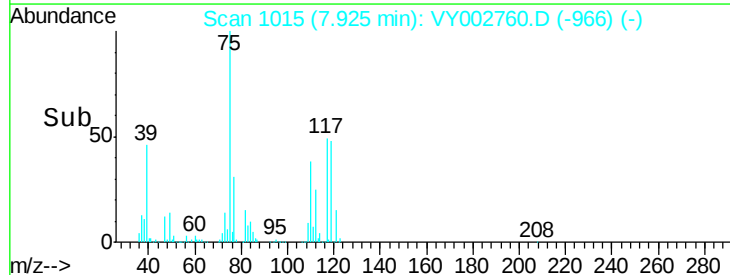
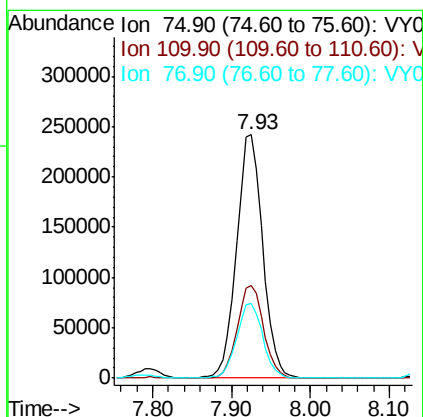
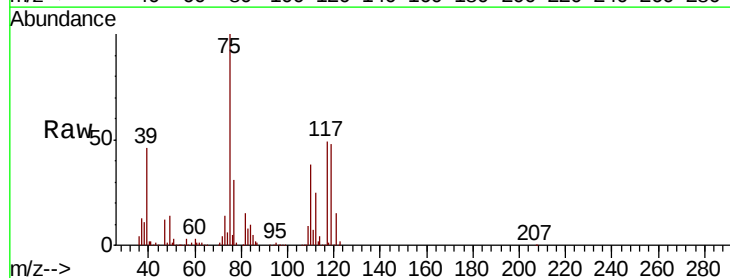
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

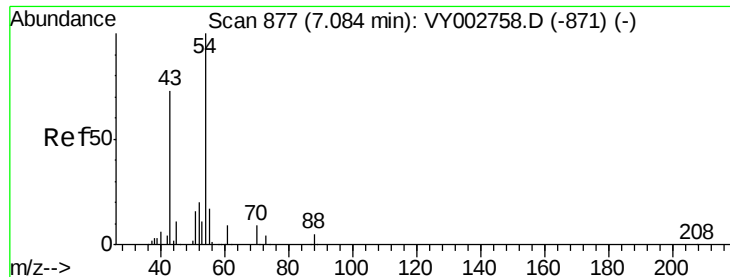
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.7	18.9	28.3



#36
1,1-Dichloropropene
Concen: 141.595 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.3	57.9
77	30.8	24.8	37.2





#37

Ethyl Acetate

Concen: 163.174 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

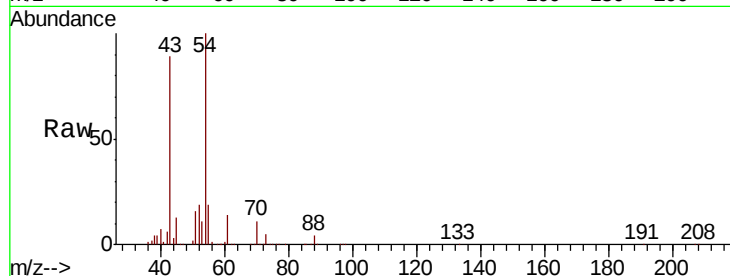
Tot Ion: 43 Resp: 318561

Ion Ratio Lower Upper

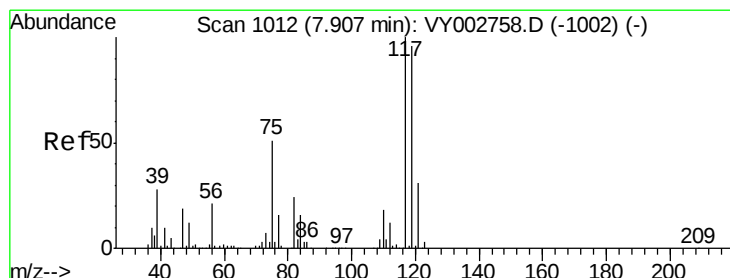
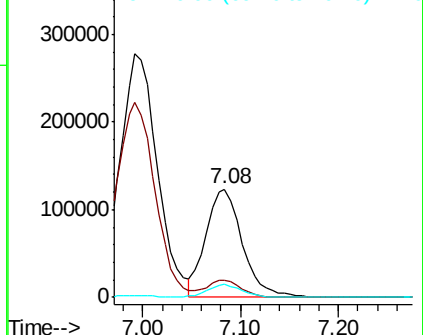
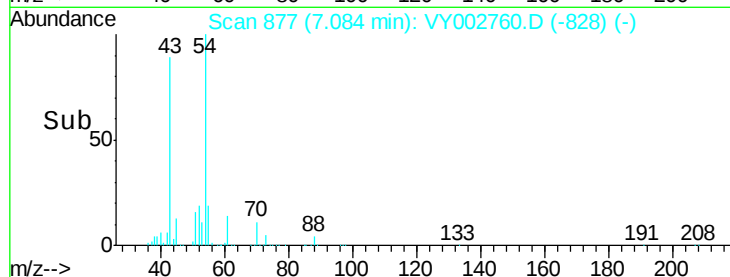
43 100

61 14.9 11.9 17.9

70 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VY002760.D (-828) (-)



#38

Carbon Tetrachloride

Concen: 146.359 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

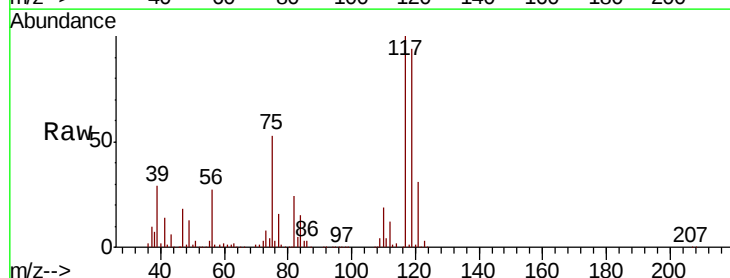
Tgt Ion: 117 Resp: 618854

Ion Ratio Lower Upper

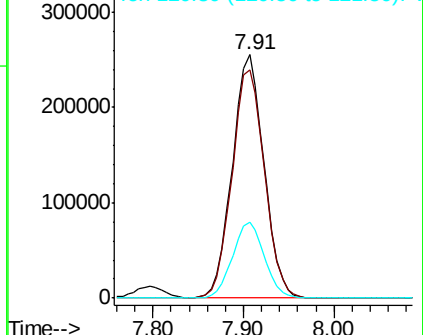
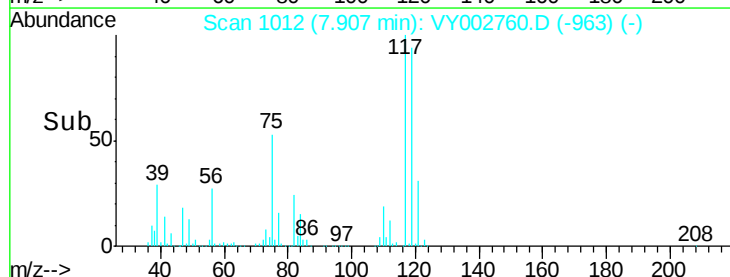
117 100

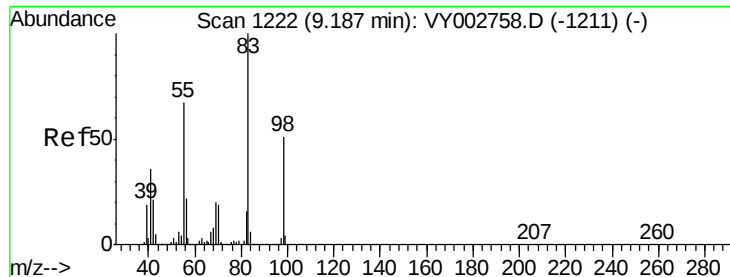
119 94.0 76.8 115.2

121 30.9 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): VY002760.D (-963) (-)

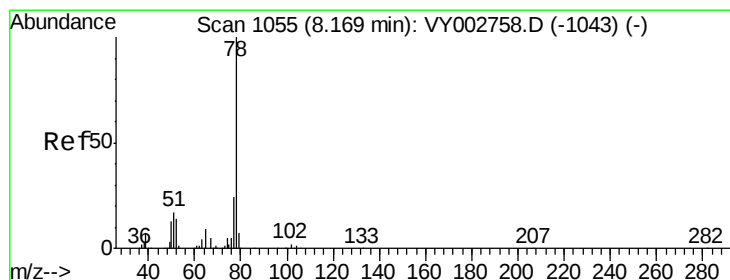
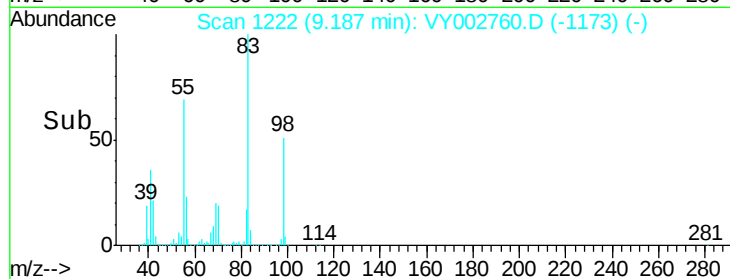
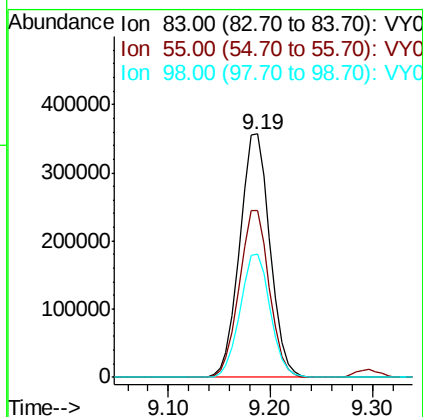
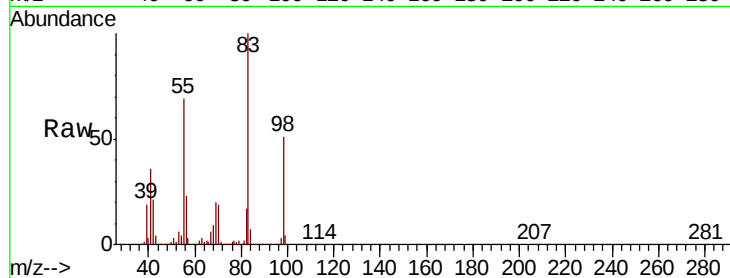




#39
Methvlcvclohexane
Concen: 140.031 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

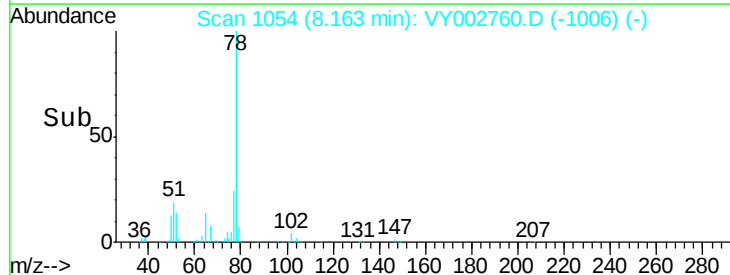
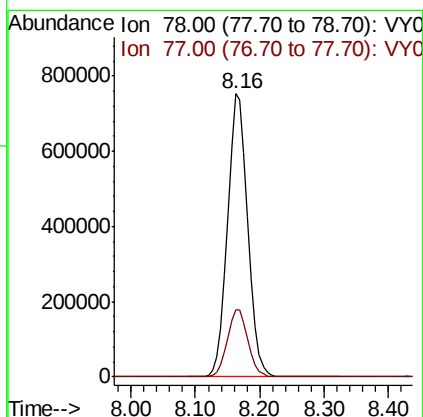
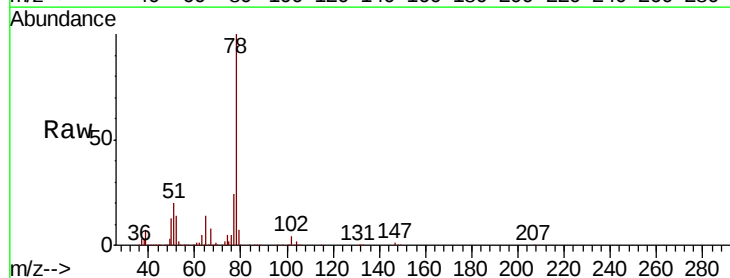
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

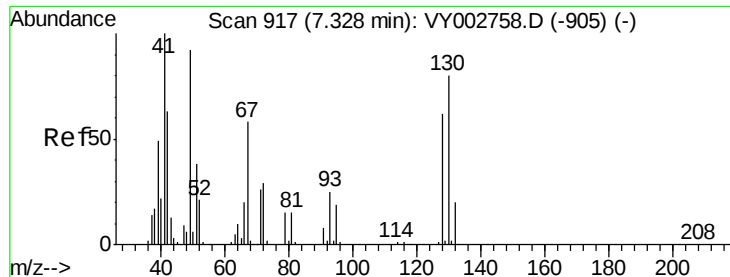
Tot Ion: 83 Resp: 735371
Ion Ratio Lower Upper
83 100
55 68.8 53.3 79.9
98 50.7 41.1 61.7



#40
Benzene
Concen: 145.169 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 78 Resp: 1663814
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

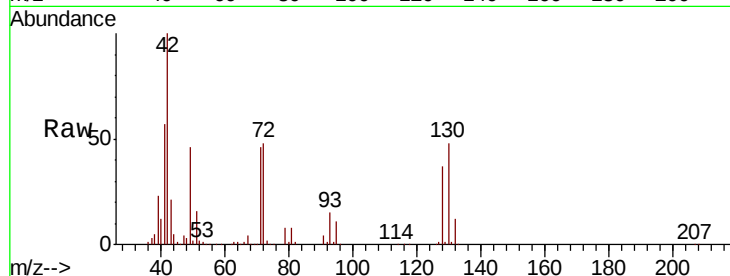




#41
Methacrylonitrile
Concen: 388.211 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



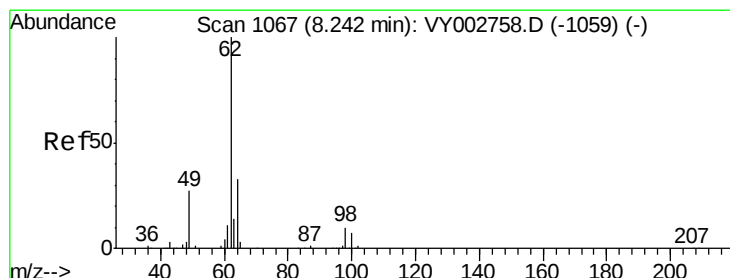
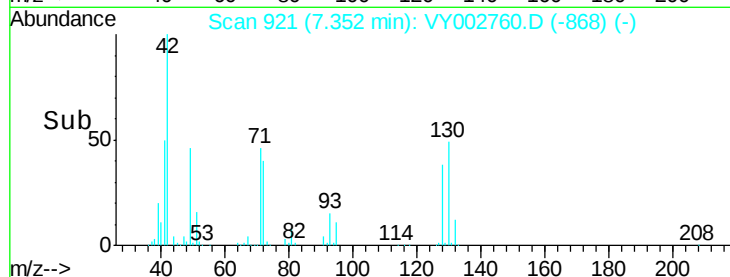
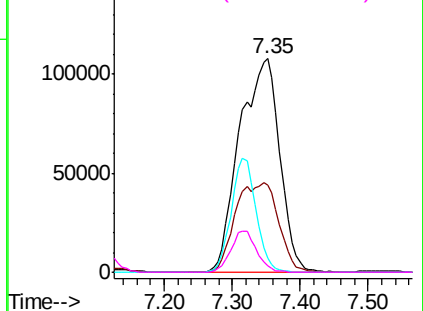
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

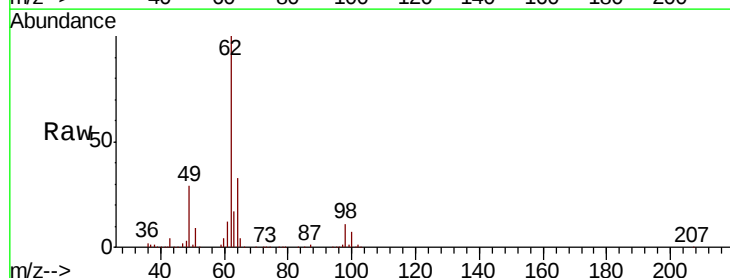
Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42
1,2-Dichloroethane
Concen: 154.381 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

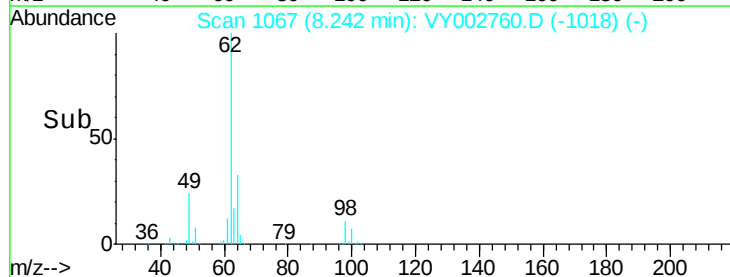
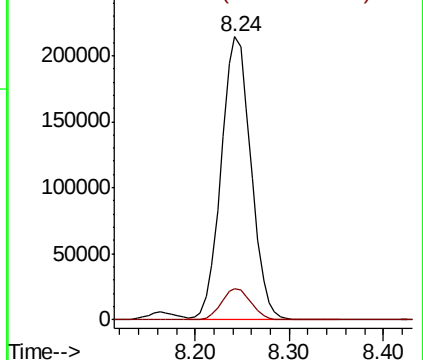
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.6

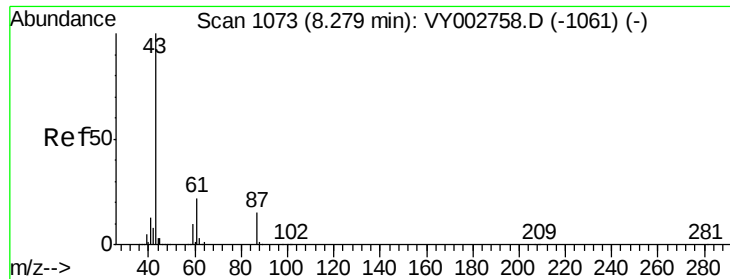


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 168.873 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

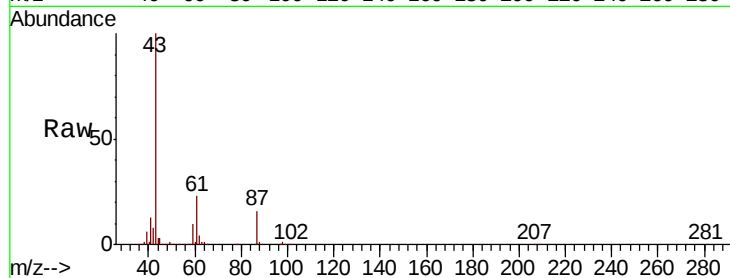
Tot Ion: 43 Resp: 615693

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

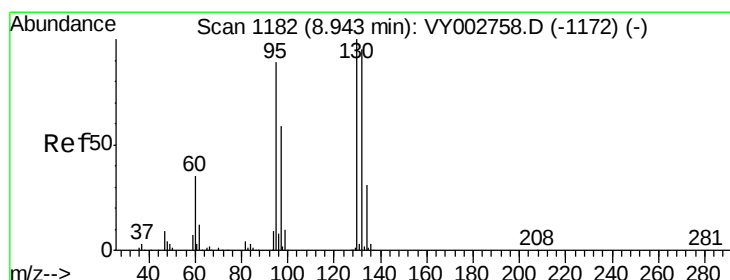
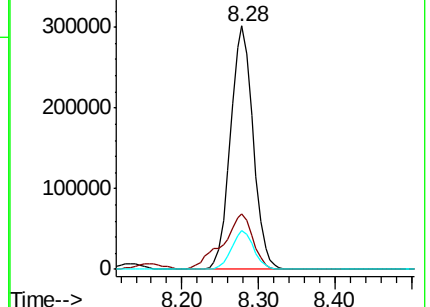
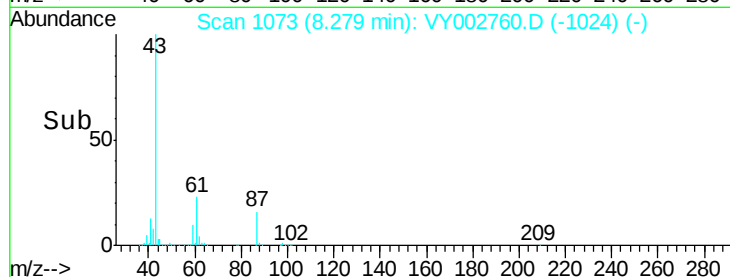
87 15.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002760.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002760.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002760.D (-1024) (-)



#44

Trichloroethene

Concen: 142.595 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002760.D

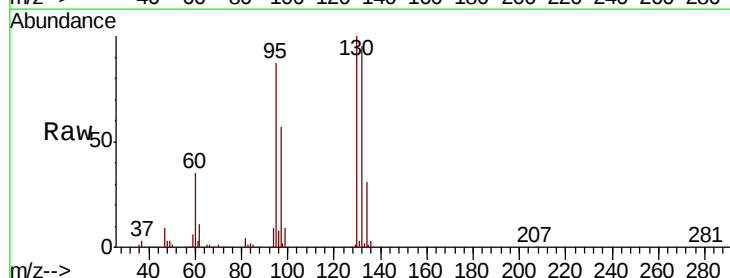
Acq: 27 May 2020 13:00

Tgt Ion: 130 Resp: 520128

Ion Ratio Lower Upper

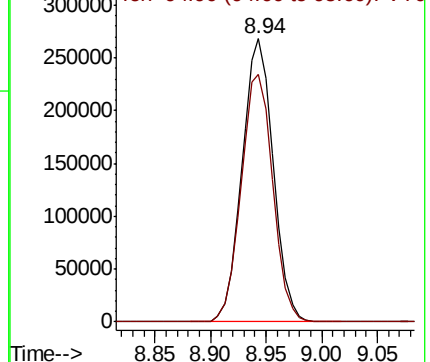
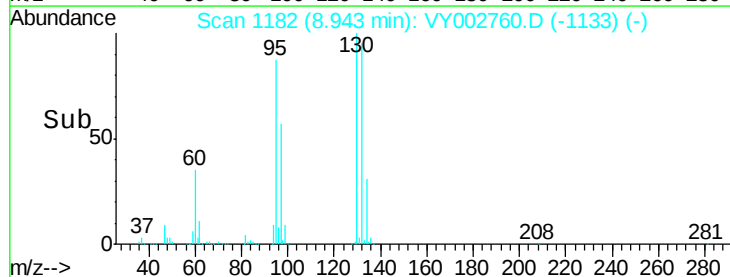
130 100

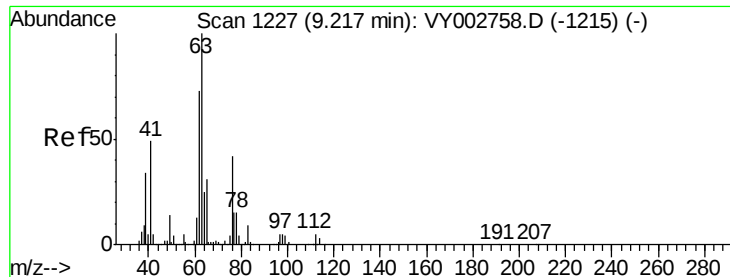
95 87.3 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002760.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002760.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 148.786 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

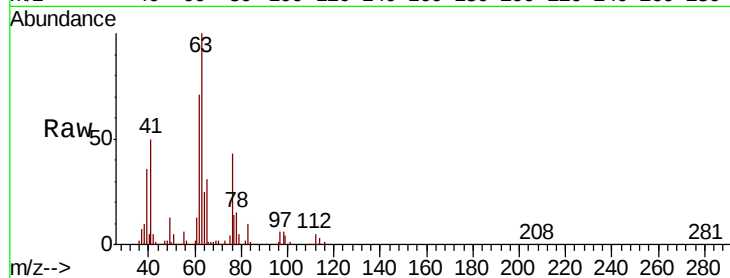
VSTDIC150

Tot Ion: 63 Resp: 406609

Ion Ratio Lower Upper

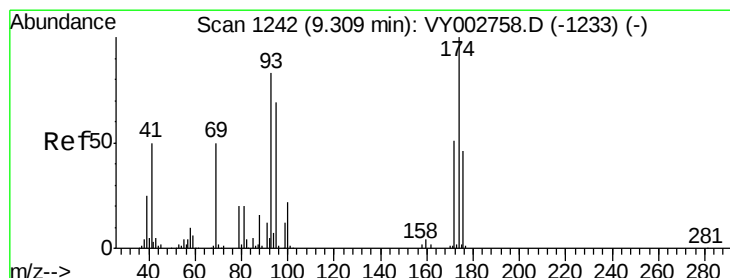
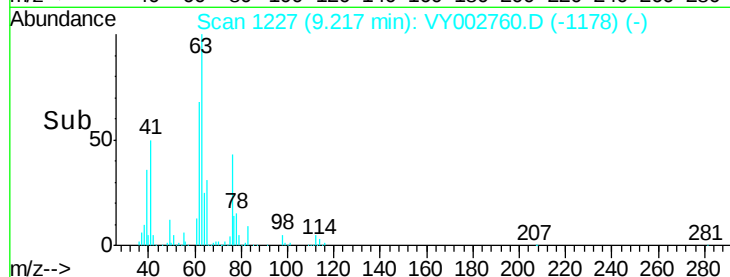
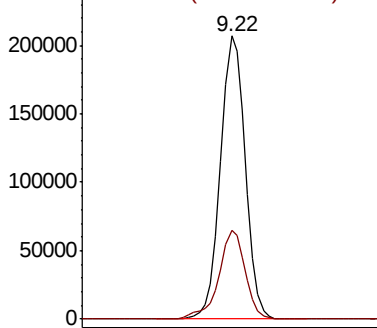
63 100

65 31.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 156.701 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

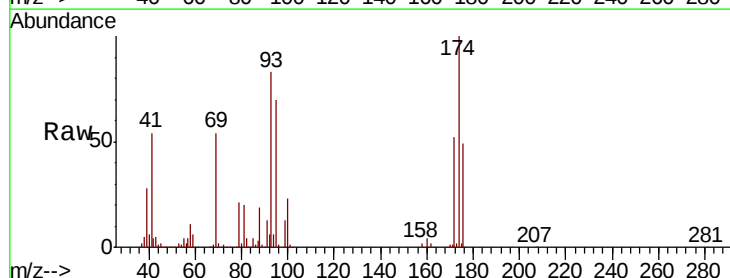
Tgt Ion: 93 Resp: 241588

Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

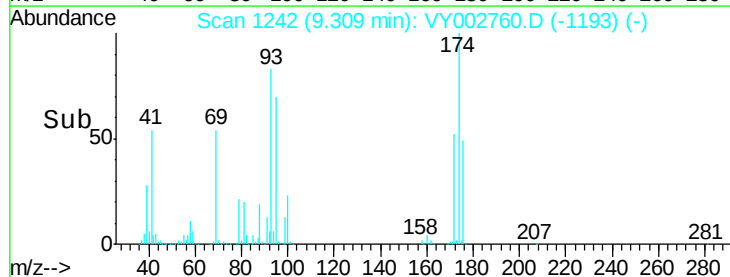
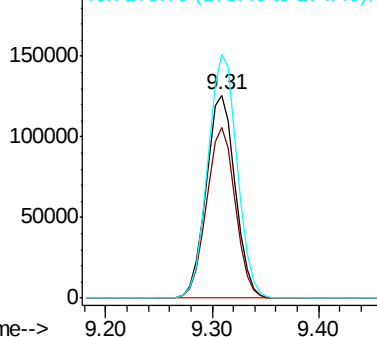
174 121.2 97.7 146.5

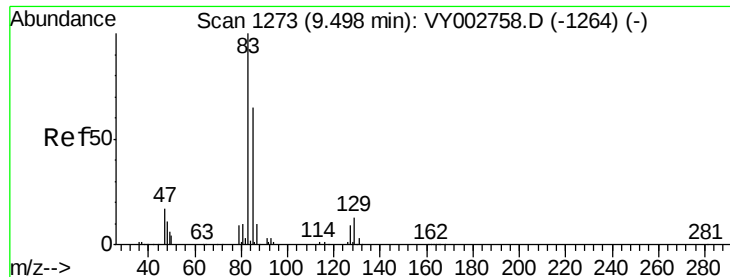


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 153.327 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

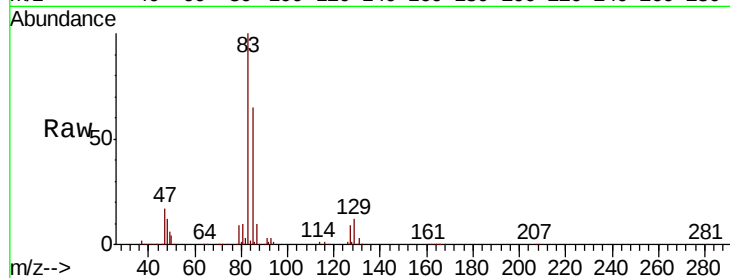
Tot Ion: 83 Resp: 574740

Ion Ratio Lower Upper

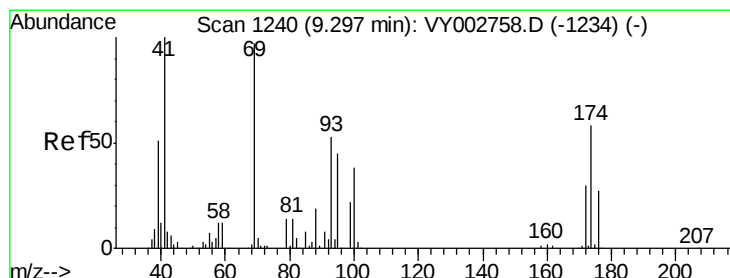
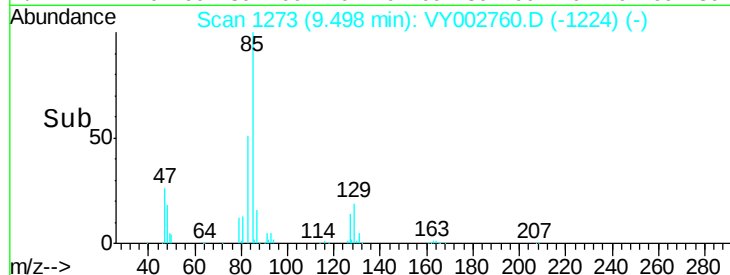
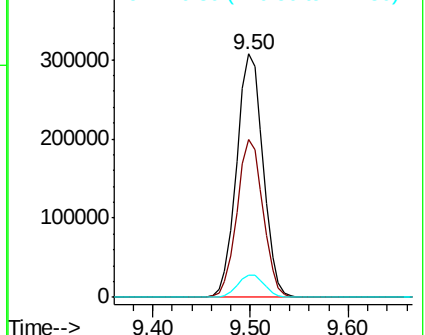
83 100

85 64.7 51.9 77.9

127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 167.413 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

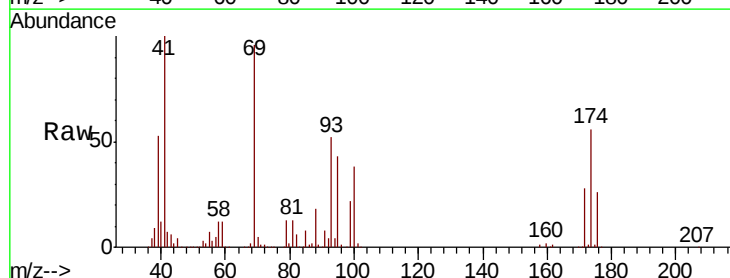
Tgt Ion: 41 Resp: 279936

Ion Ratio Lower Upper

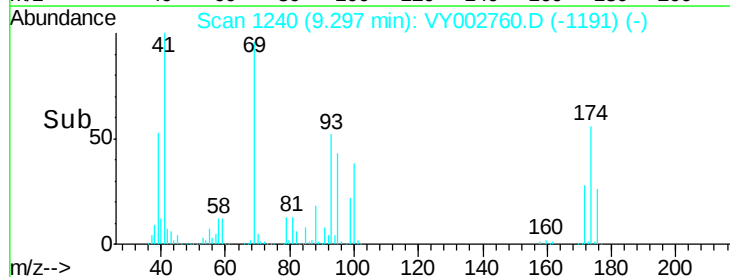
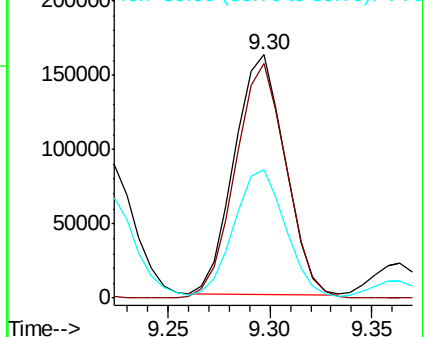
41 100

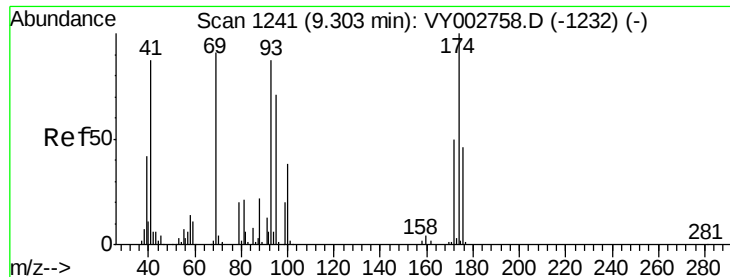
69 97.9 79.7 119.5

39 54.8 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

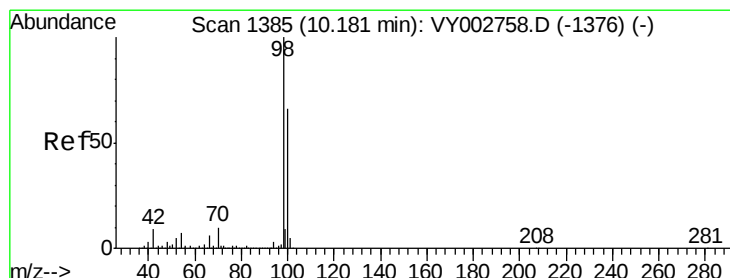
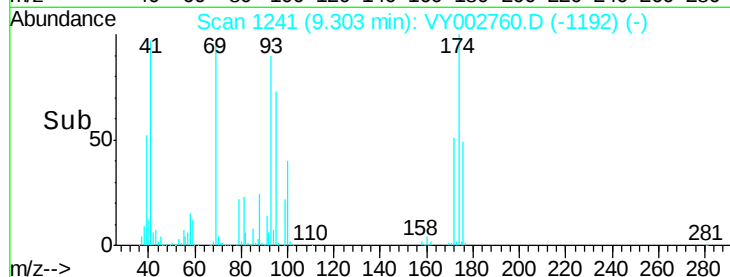
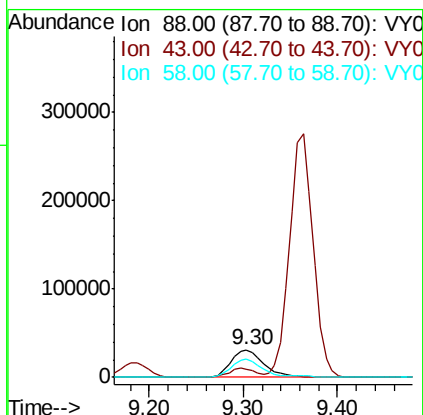
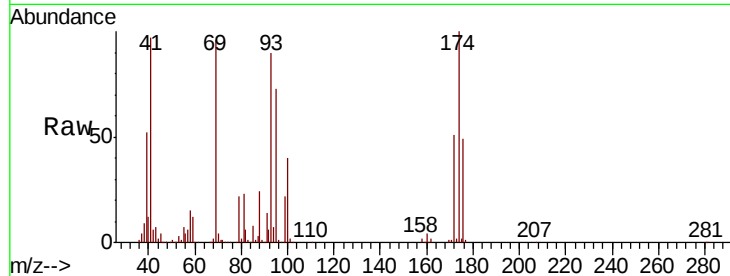




#49
1,4-Dioxane
Concen: 3542.191 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

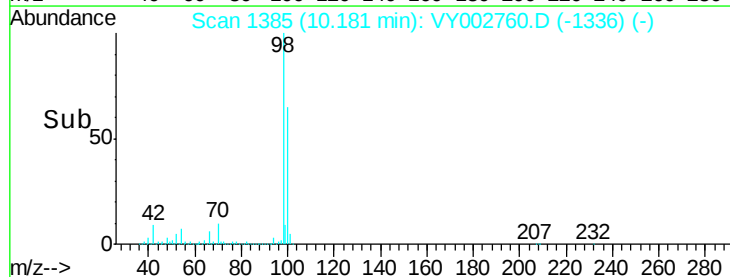
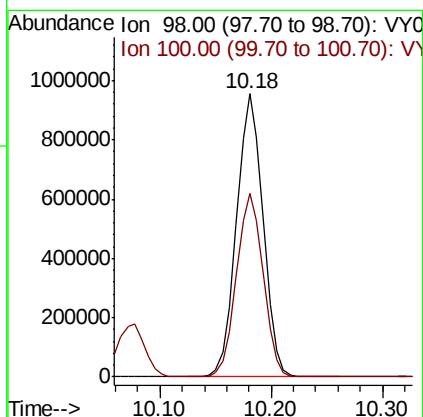
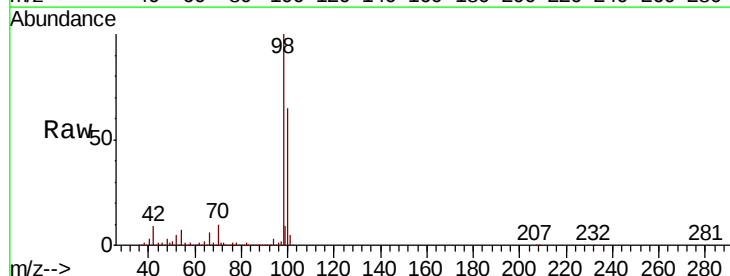
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

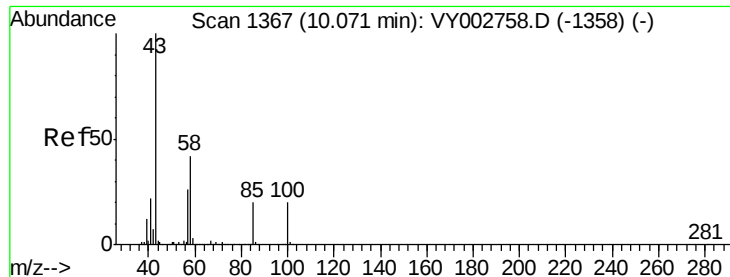
Tot Ion: 88 Resp: 76207
Ion Ratio Lower Upper
88 100
43 27.1 21.3 31.9
58 65.7 52.2 78.2



#50
Toluene-d8
Concen: 150.843 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 98 Resp: 1572244
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

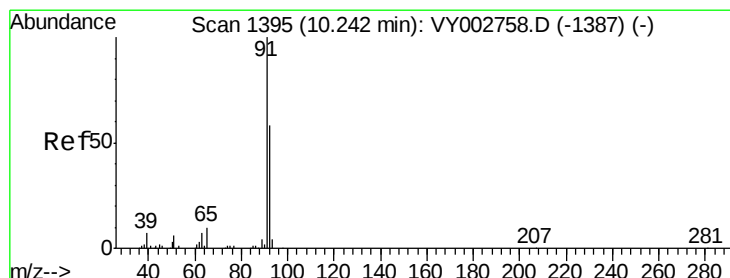
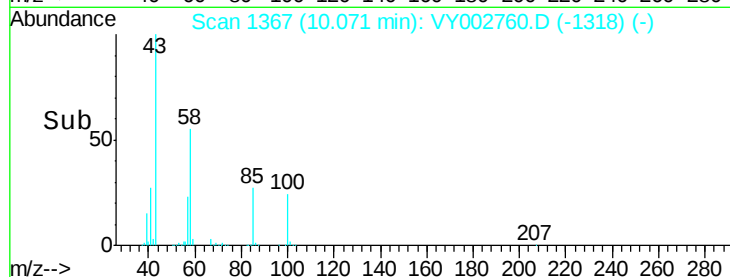
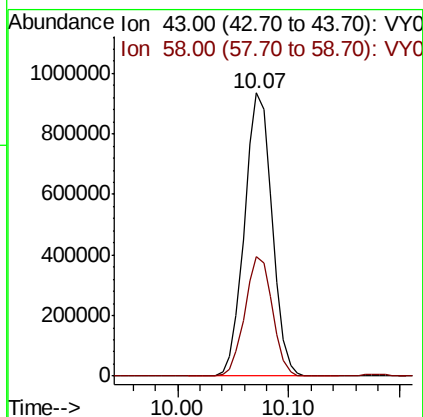
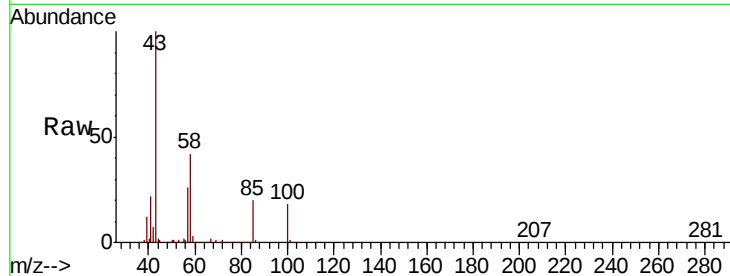




#51
4-Methyl-2-Pentanone
Concen: 850.547 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

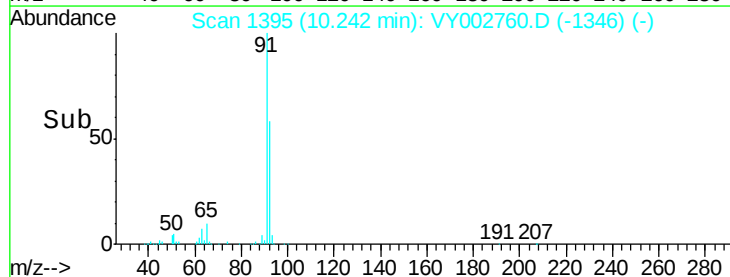
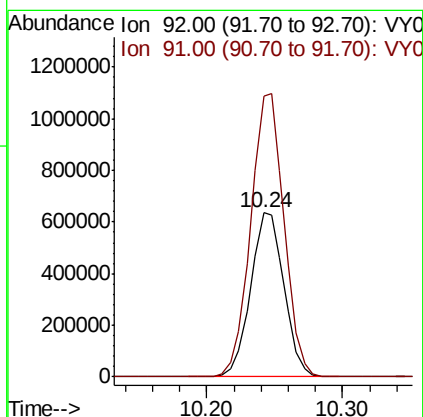
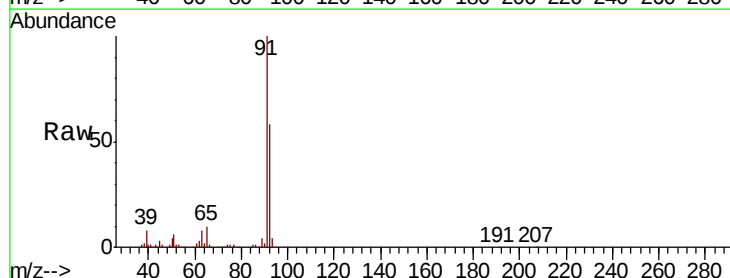
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

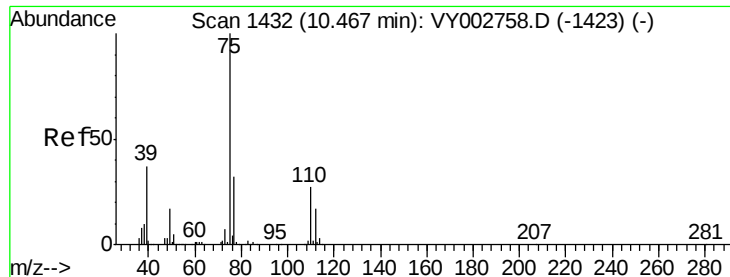
Tot Ion: 43 Resp: 1606804
Ion Ratio Lower Upper
43 100
58 42.4 34.2 51.2



#52
Toluene
Concen: 146.243 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 92 Resp: 1088032
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 157.734 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

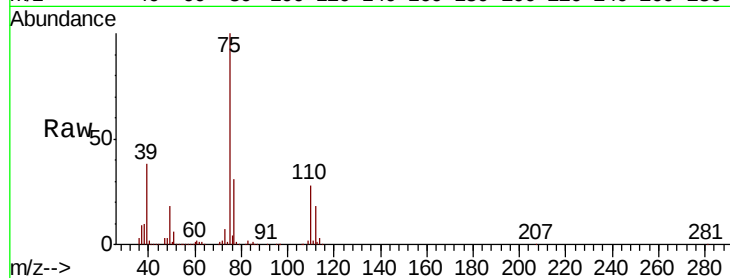
VSTDIC150

Tot Ion: 75 Resp: 633966

Ion Ratio Lower Upper

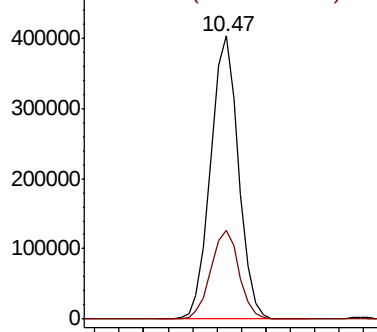
75 100

77 31.4 25.3 37.9

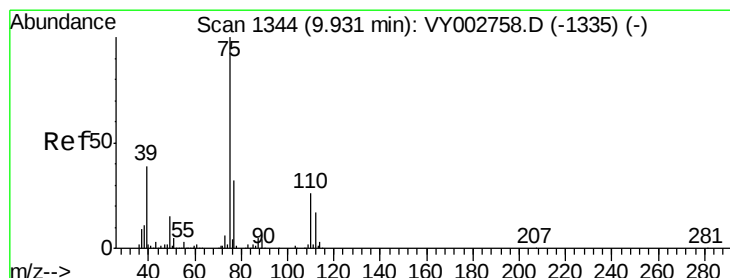
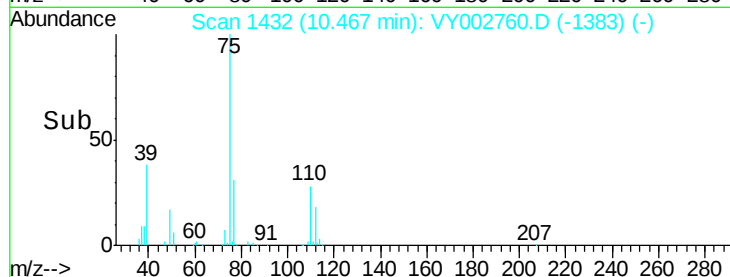


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 152.341 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

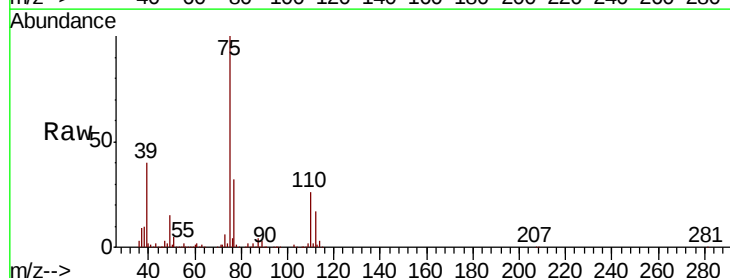
Tgt Ion: 75 Resp: 706551

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

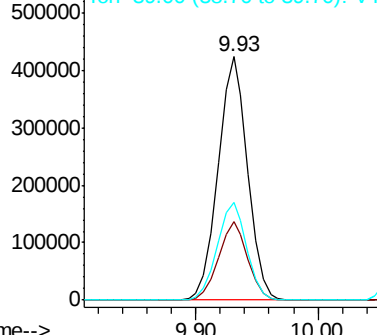
39 40.2 31.3 46.9



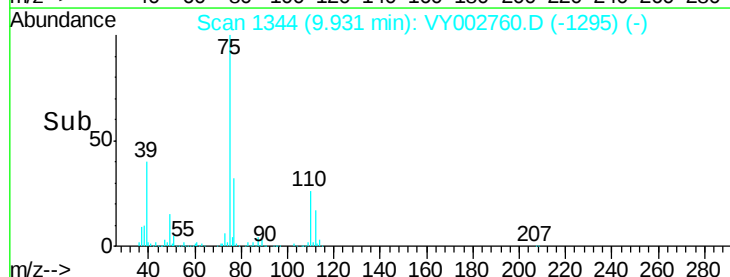
Abundance Ion 74.90 (74.60 to 75.60): VY0

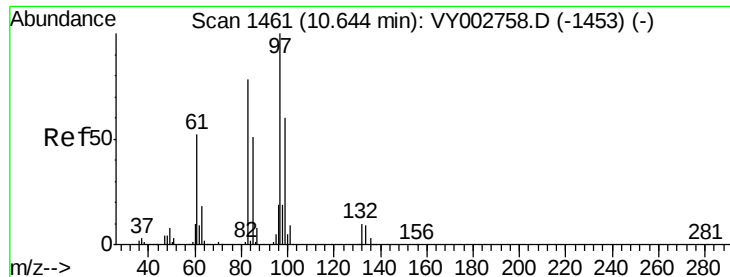
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->

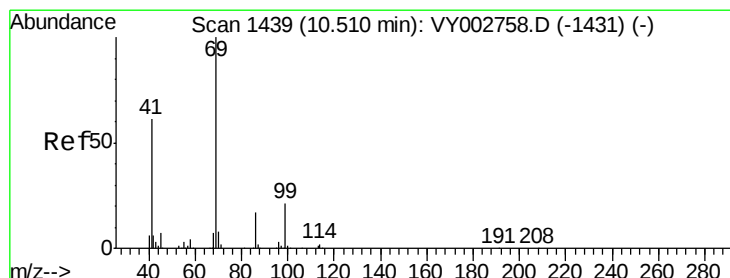
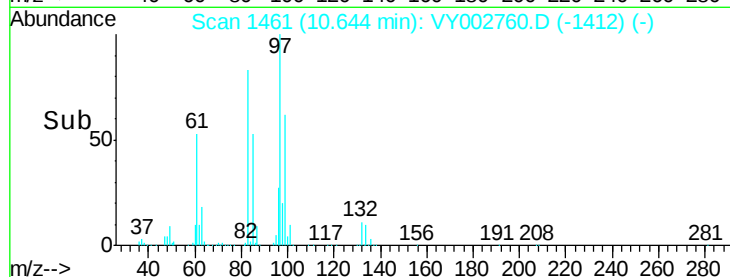
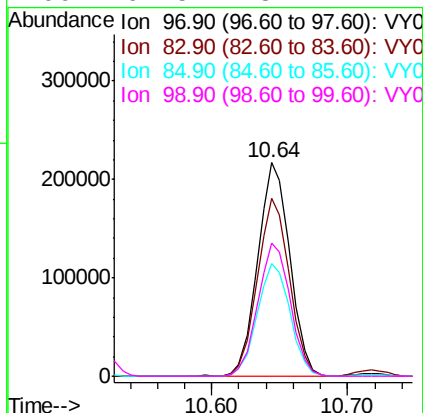
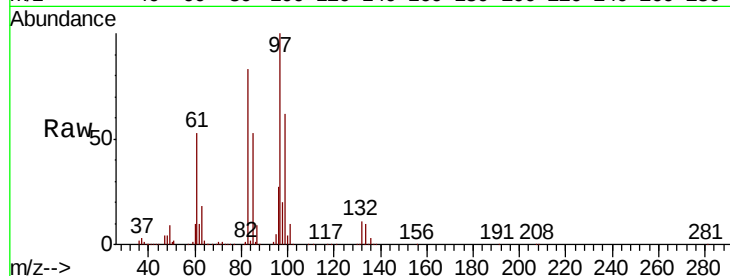




#55
 1,1,2-Trichloroethane
 Concen: 156.183 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

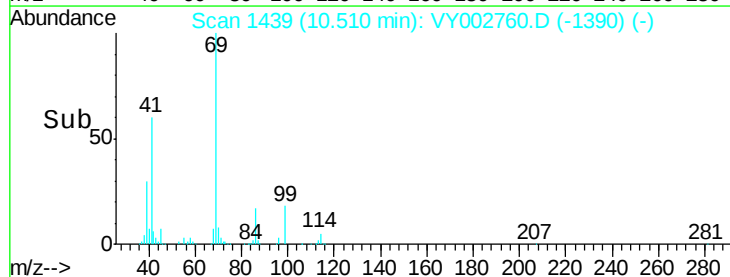
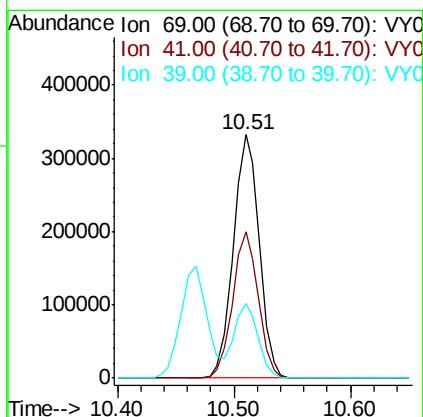
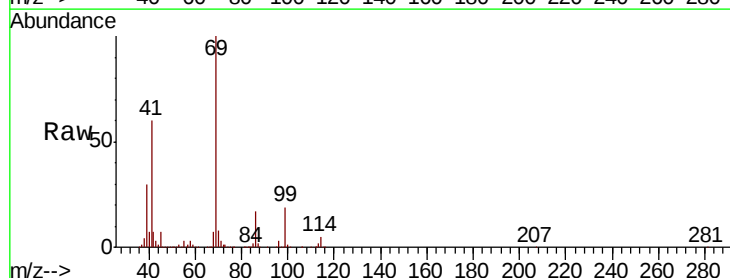
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	361437
Ion	Ratio	Lower	Upper
97	100		
83	83.2	62.7	94.1
85	52.8	40.6	60.8
99	62.5	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 167.062 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:	69	Resp:	512936
Ion	Ratio	Lower	Upper
69	100		
41	59.1	47.0	70.4
39	28.0	22.0	33.0





#57

1,3-Dichloropropane

Concen: 155.725 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

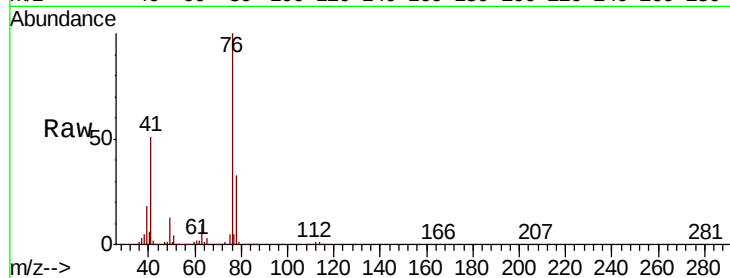
VSTDICC150

Tot Ion: 76 Resp: 599586

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

400000

300000

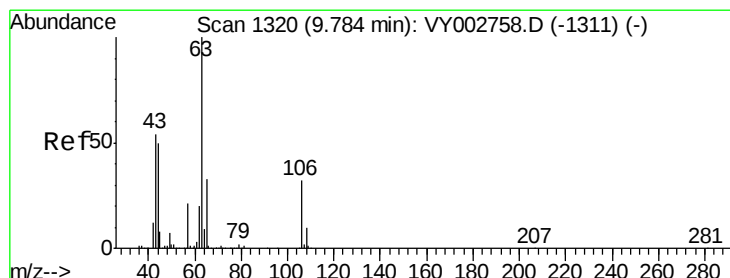
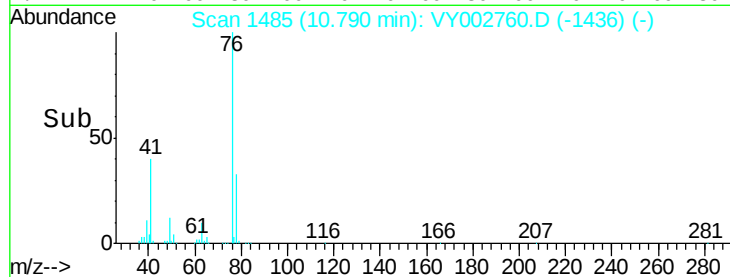
200000

100000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 800.675 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002760.D

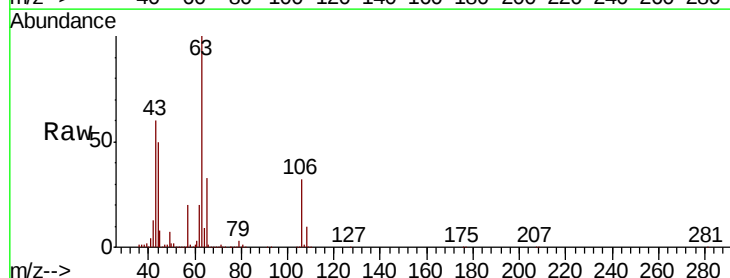
Acq: 27 May 2020 13:00

Tgt Ion: 63 Resp: 1207224

Ion Ratio Lower Upper

63 100

106 32.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

800000

600000

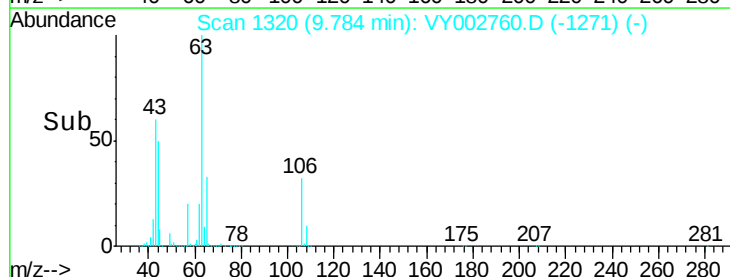
400000

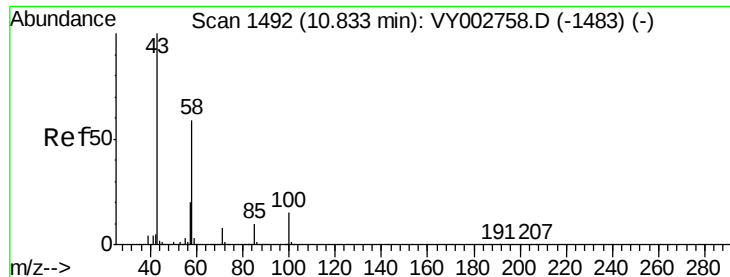
200000

0

Time-->

9.70 9.80 9.90

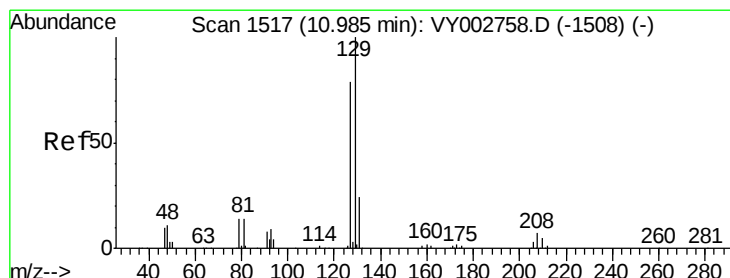
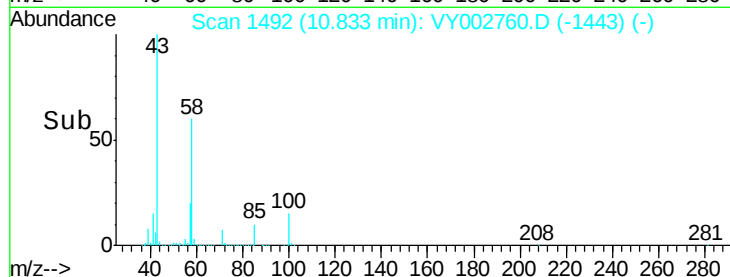
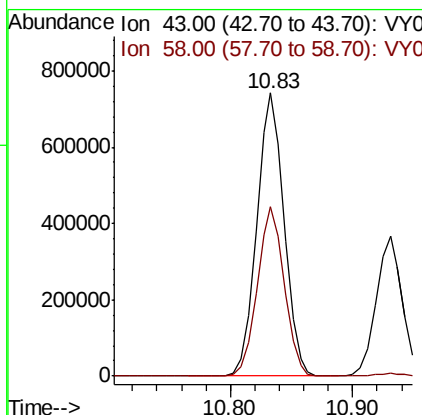
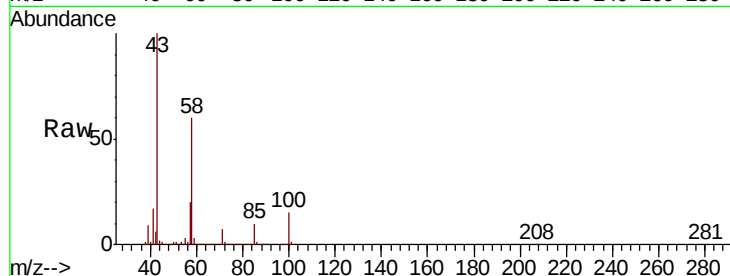




#59
2-Hexanone
Concen: 868.320 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

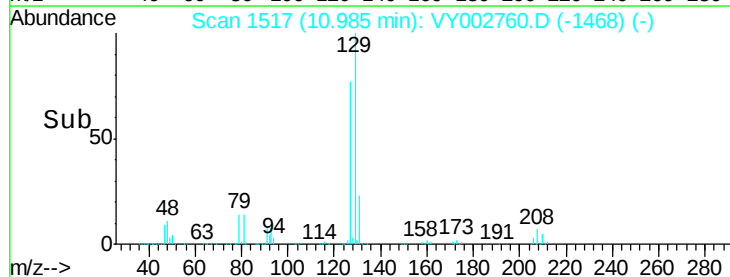
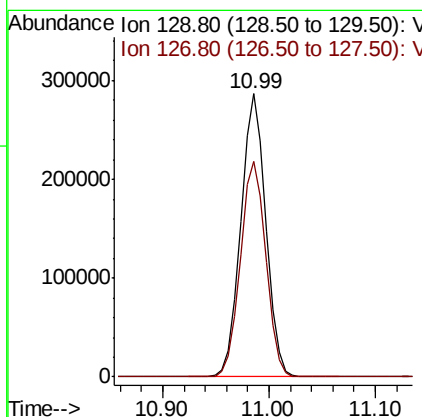
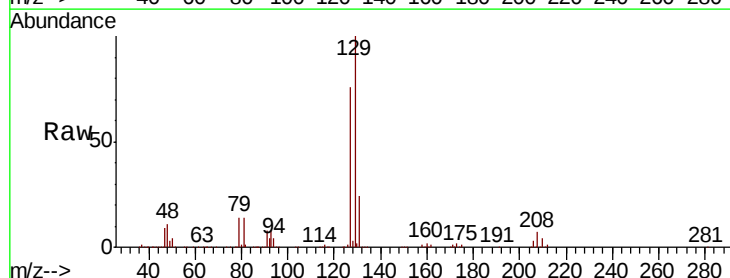
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

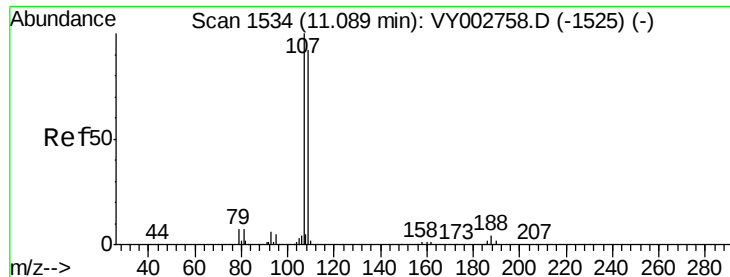
Tot Ion: 43 Resp: 1149111
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 159.927 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 129 Resp: 470430
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

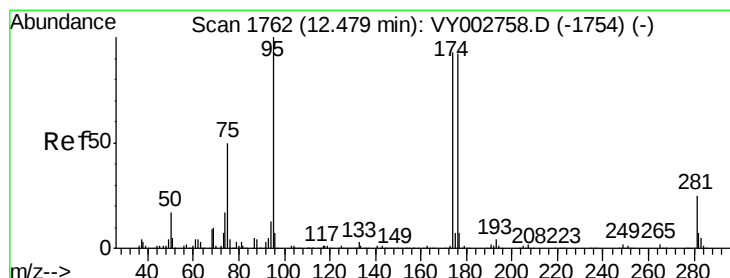
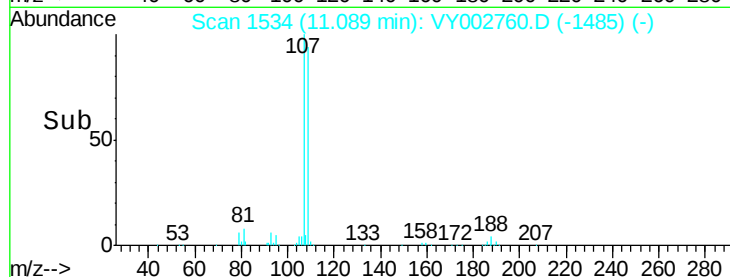
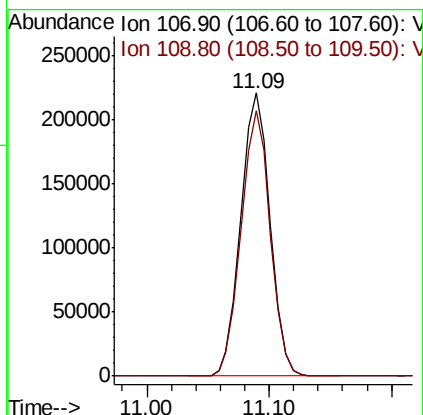
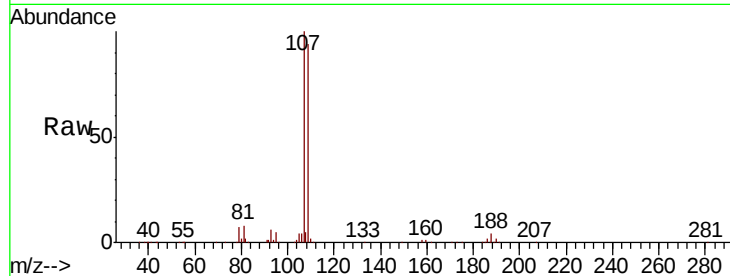




#61
 1,2-Dibromoethane
 Concen: 160.747 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

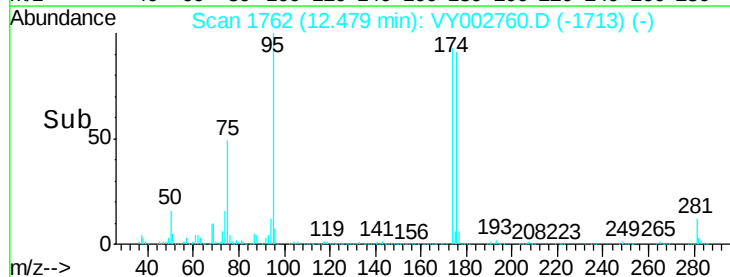
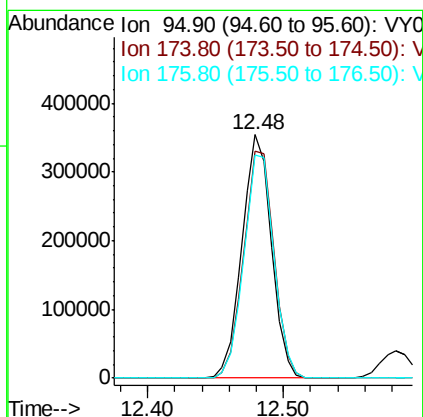
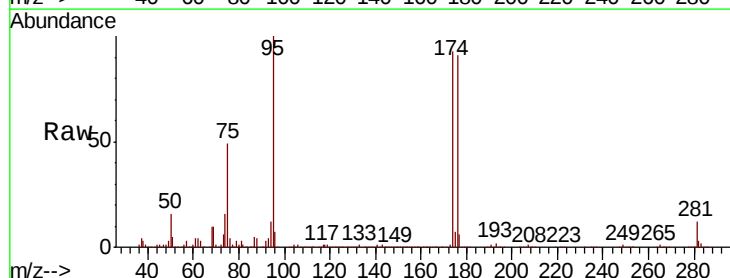
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

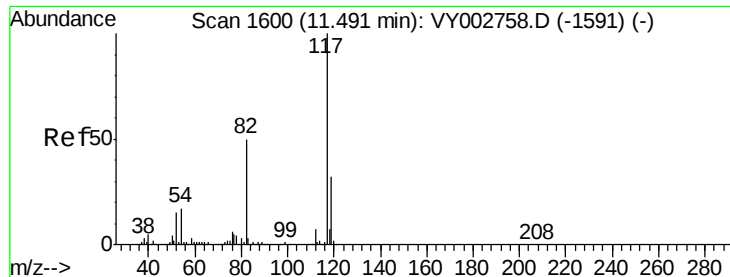
Tot Ion:107 Resp: 365833
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 148.933 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion: 95 Resp: 535497
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 191.2
 176 94.1 0.0 188.8

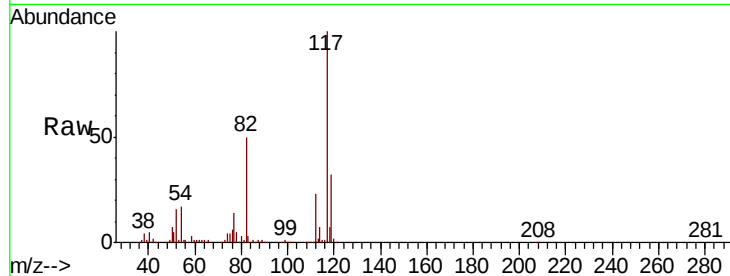




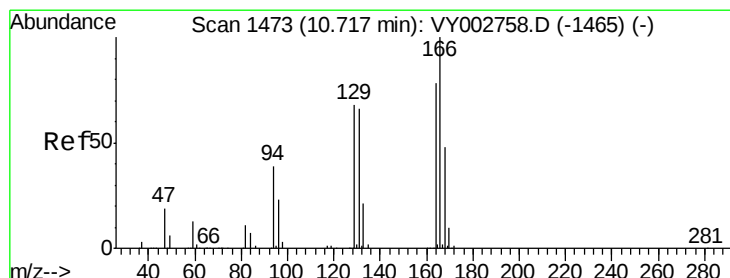
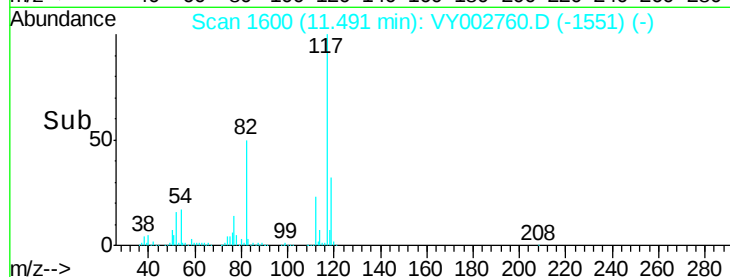
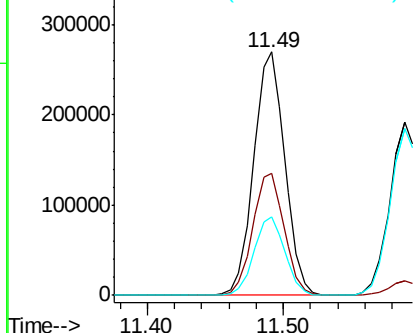
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 433187
Ion Ratio Lower Upper
117 100
82 50.1 40.2 60.4
119 32.2 25.8 38.8

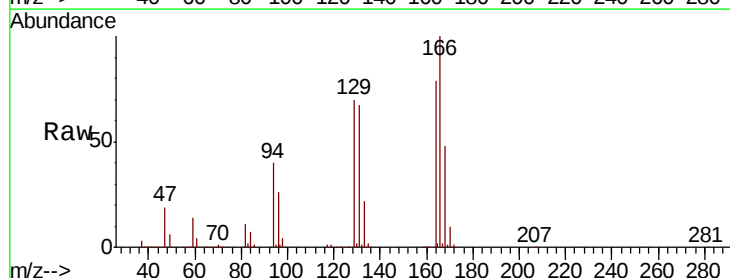


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

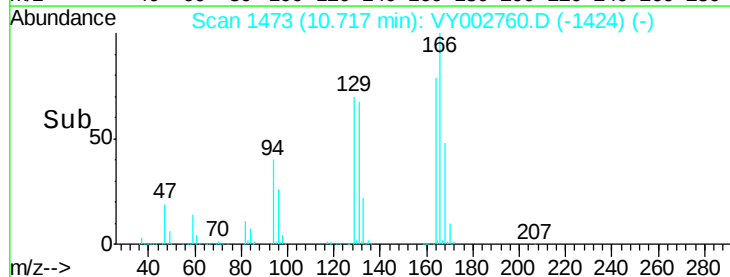
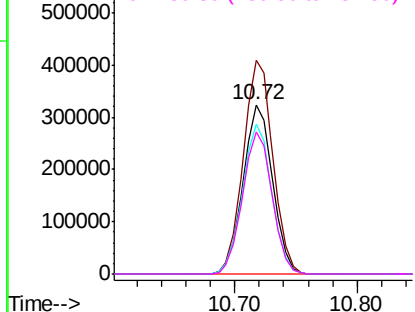


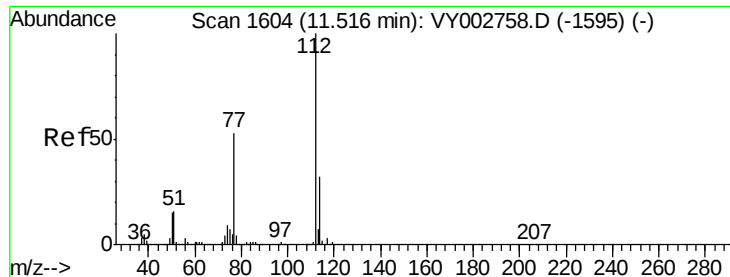
#64
Tetrachloroethene
Concen: 132.920 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion:164 Resp: 540150
Ion Ratio Lower Upper
164 100
166 126.0 102.3 153.5
129 88.5 69.4 104.2
131 83.9 67.8 101.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

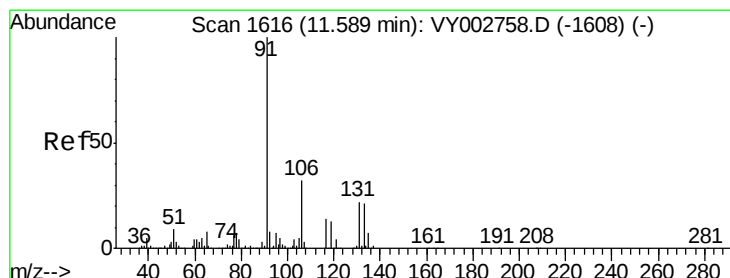
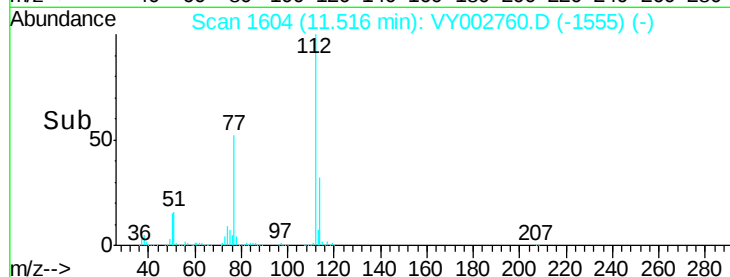
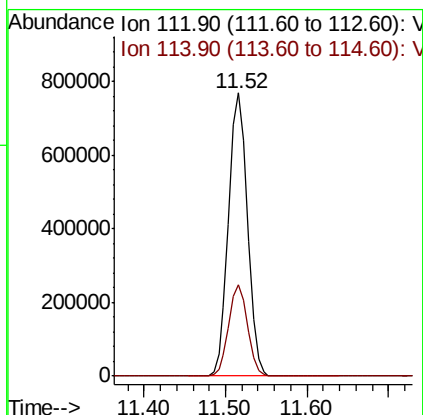
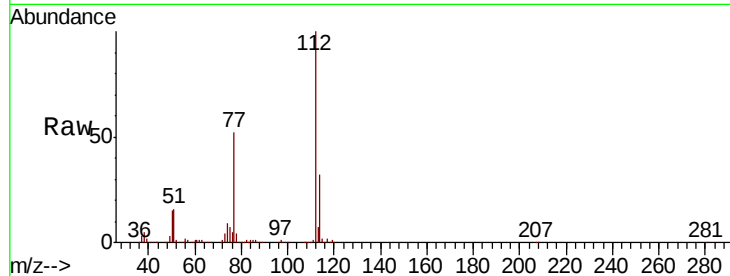




#65
Chlorobenzene
Concen: 146.042 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

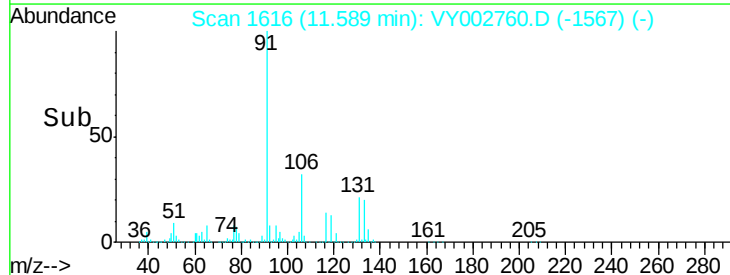
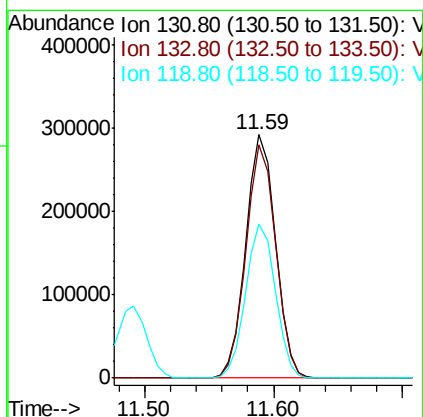
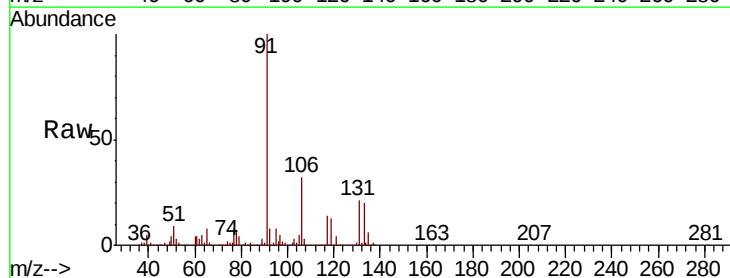
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

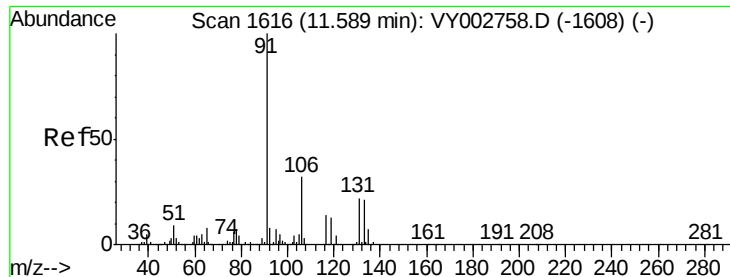
Tot Ion:112 Resp: 1221879
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 149.272 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion:131 Resp: 465260
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 144.764 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

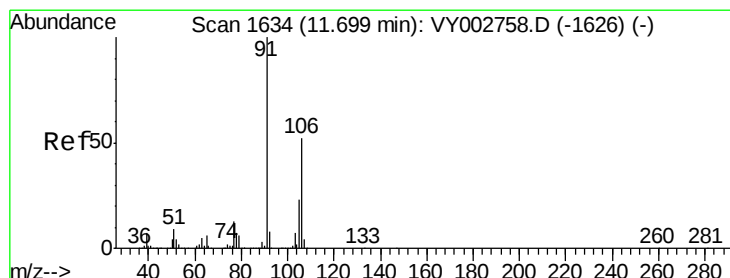
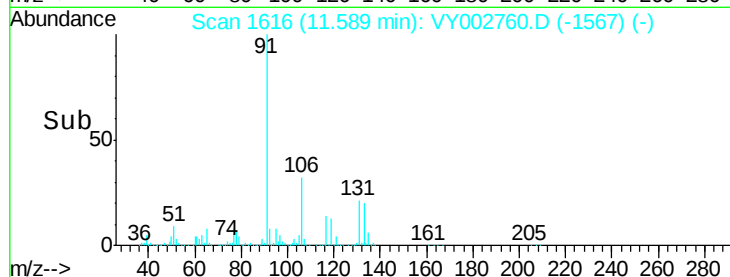
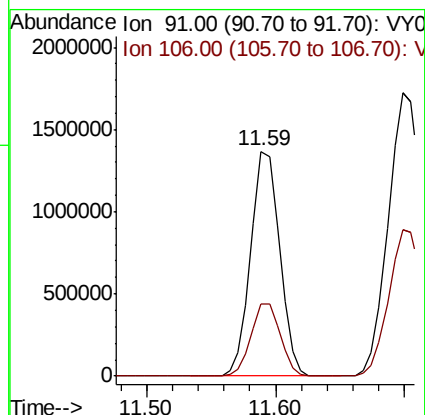
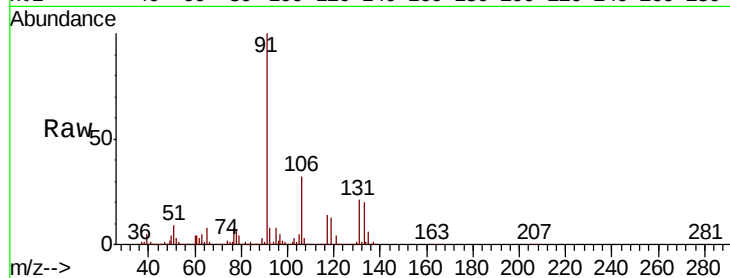
VSTDIC150

Tot Ion: 91 Resp: 2121377

Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5



#68

m/p-Xylenes

Concen: 289.673 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002760.D

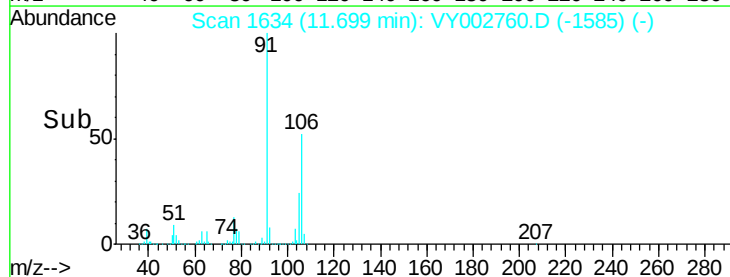
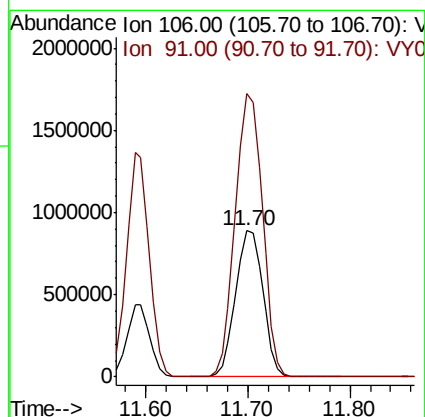
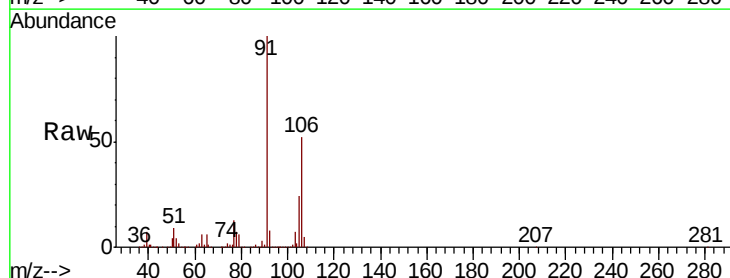
Acq: 27 May 2020 13:00

Tgt Ion: 106 Resp: 1651851

Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0

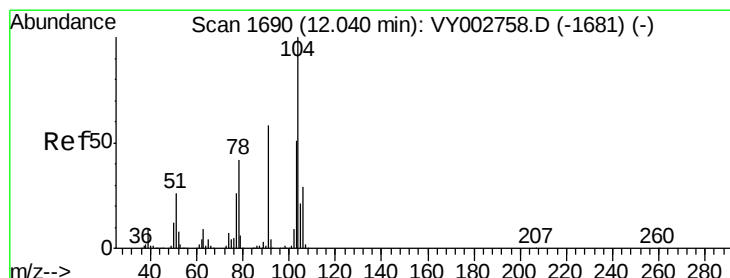
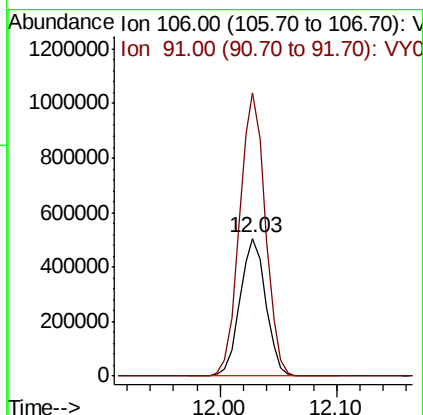
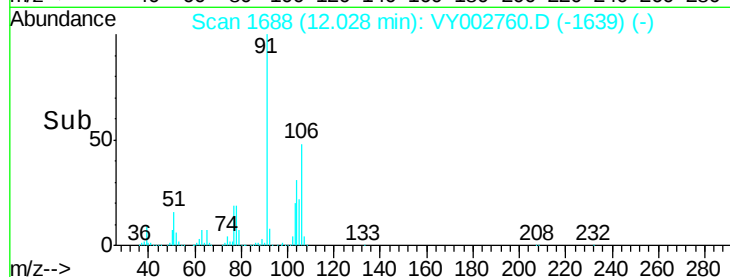
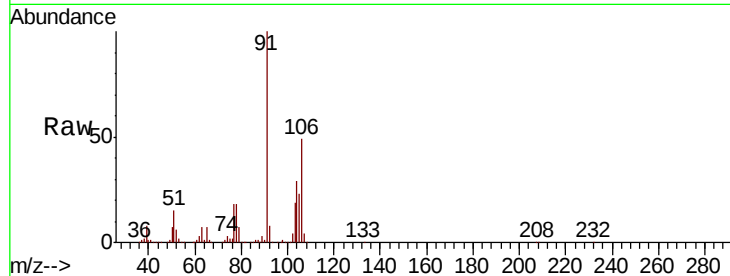




#69
o-Xylene
Concen: 145.696 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

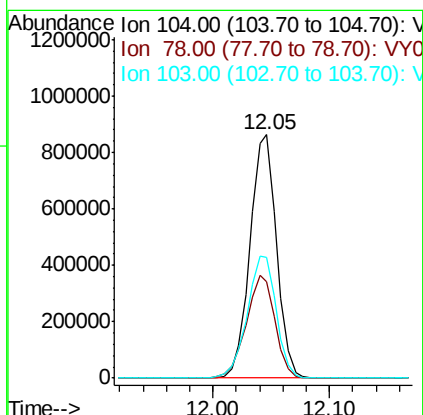
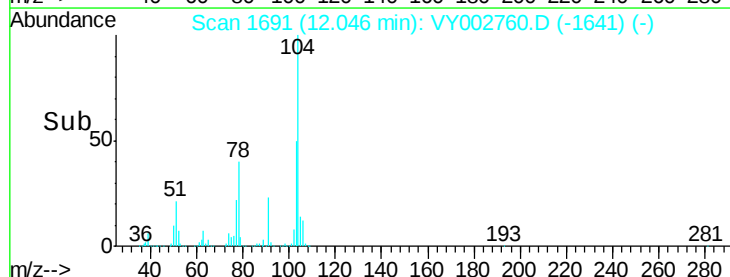
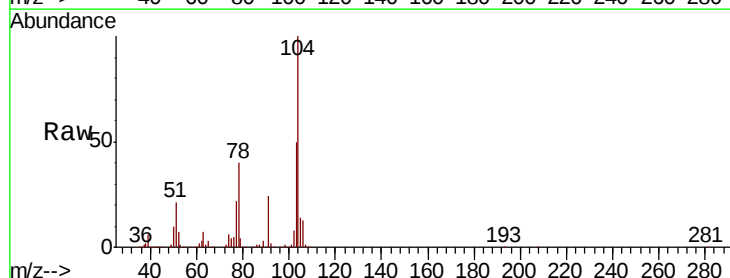
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

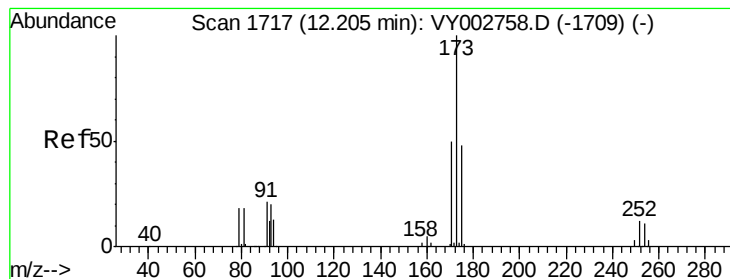
Tot Ion:106 Resp: 781027
Ion Ratio Lower Upper
106 100
91 205.3 102.4 307.1



#70
Styrene
Concen: 148.354 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion:104 Resp: 1367353
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 164.673 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

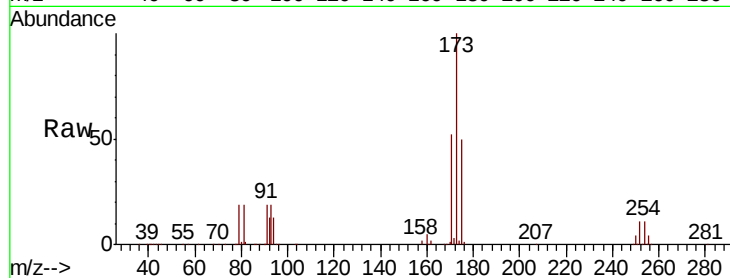
Tot Ion:173 Resp: 320100

Ion Ratio Lower Upper

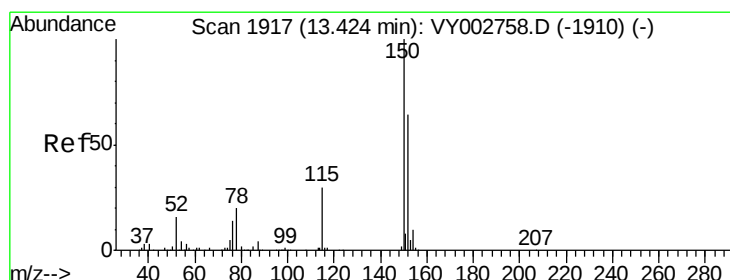
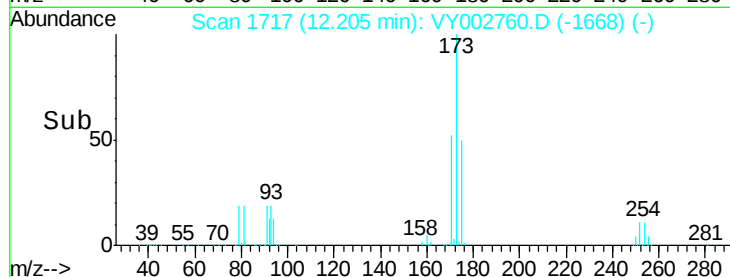
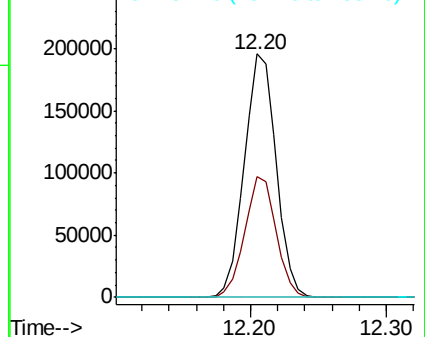
173 100

175 49.0 24.3 72.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

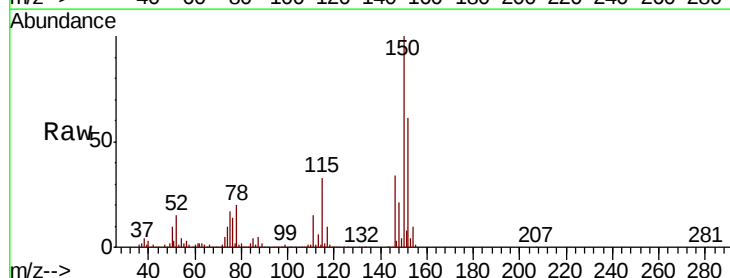
Tgt Ion:152 Resp: 224776

Ion Ratio Lower Upper

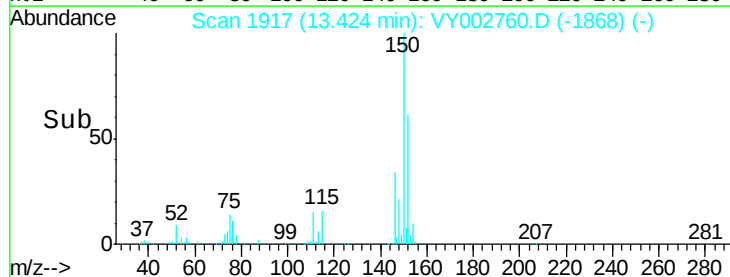
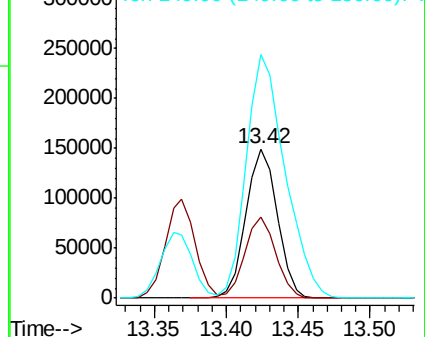
152 100

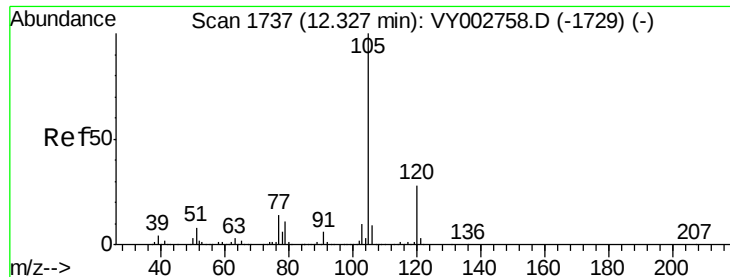
115 53.4 27.0 81.0

150 202.3 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 143.729 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

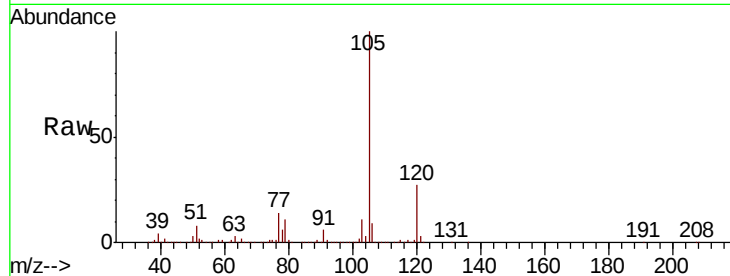
VSTDIC150

Tot Ion:105 Resp: 2096916

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

1500000

1000000

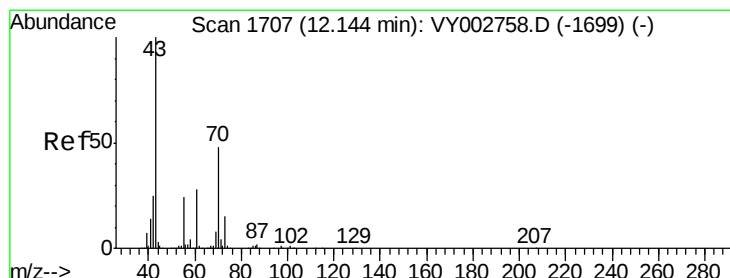
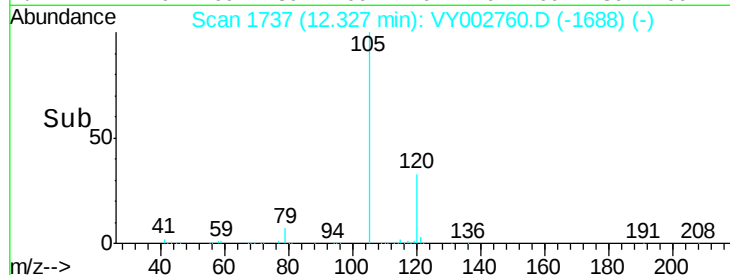
500000

0

Time-->

12.30

12.40



#74

N-ethyl acetate

Concen: 163.897 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Tgt Ion: 43 Resp: 568983

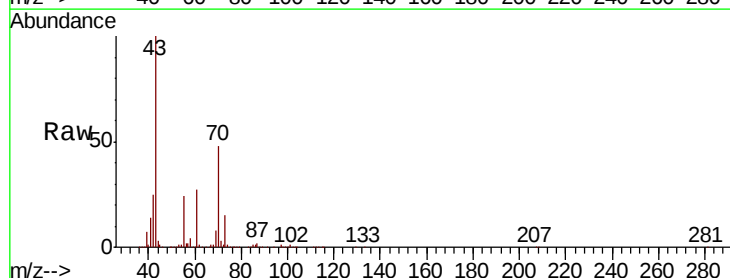
Ion Ratio Lower Upper

43 100

70 47.2 37.7 56.5

55 23.8 19.8 29.6

61 26.5 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

600000

500000

400000

300000

200000

100000

0

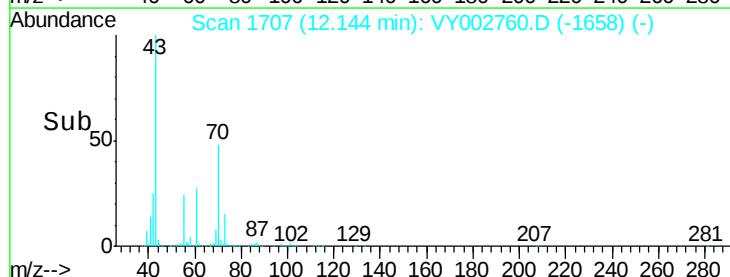
Time-->

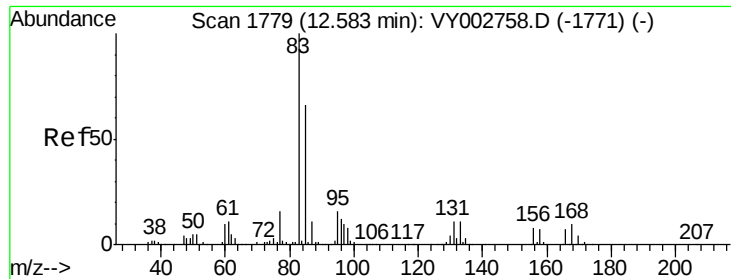
12.00

12.10

12.20

12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 172.881 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

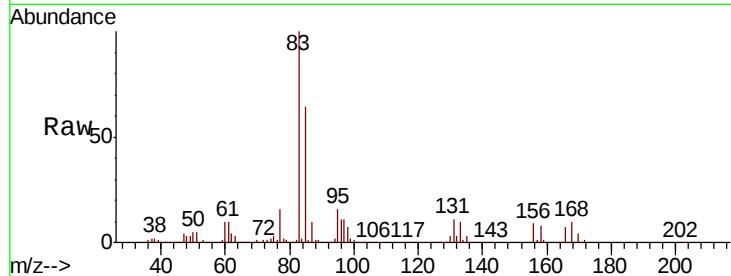
Tot Ion: 83 Resp: 382920

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

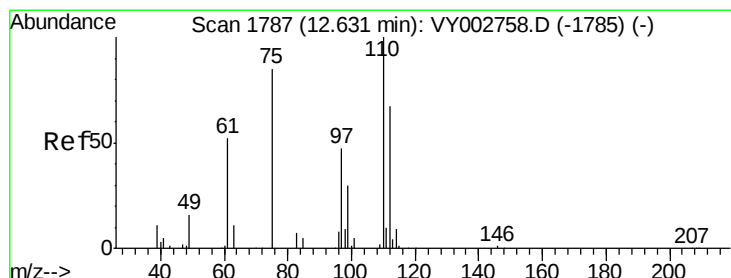
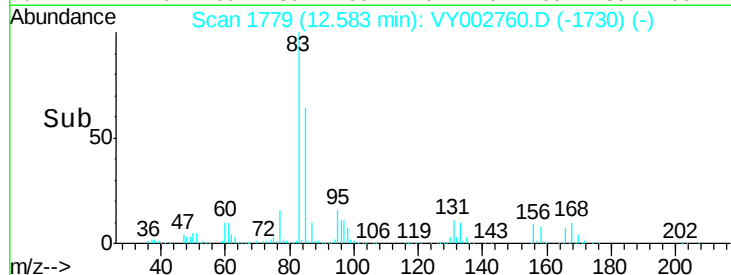
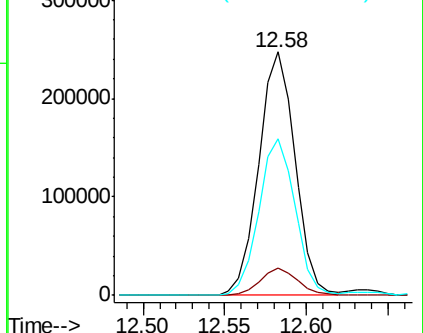
85 64.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002760.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002760.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002760.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 304.848 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002760.D

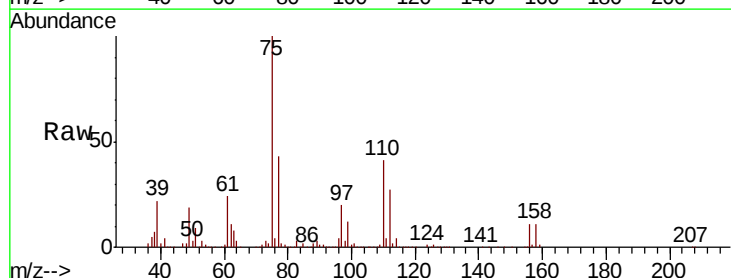
Acq: 27 May 2020 13:00

Tgt Ion: 75 Resp: 566926

Ion Ratio Lower Upper

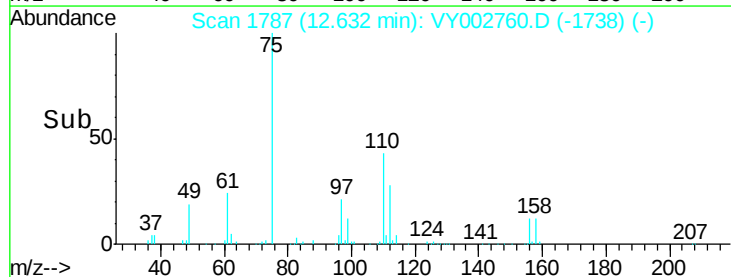
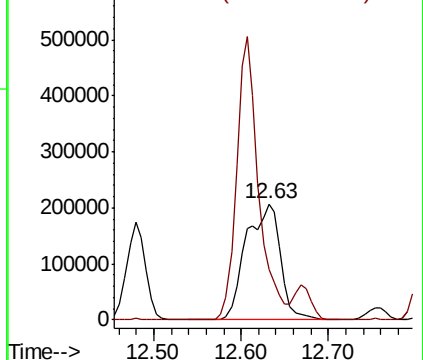
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002760.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002760.D (-1738) (-)





#77

Bromobenzene

Concen: 148.083 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

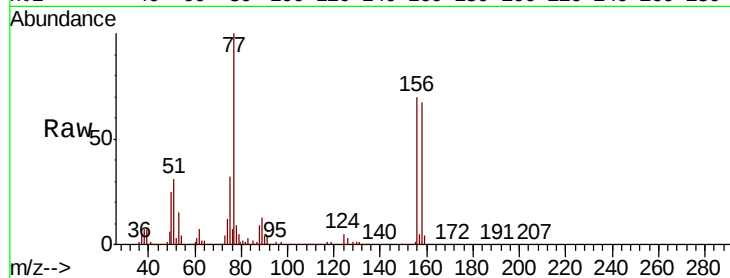
Tot Ion:156 Resp: 543316

Ion Ratio Lower Upper

156 100

77 162.7 81.4 244.2

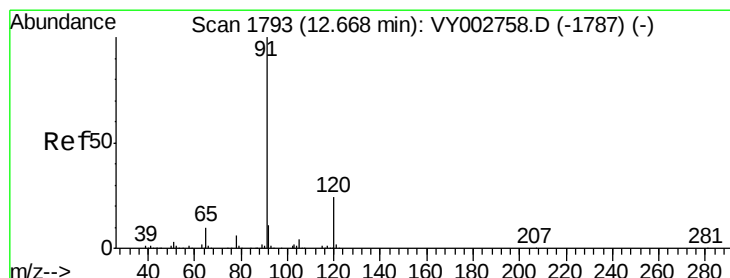
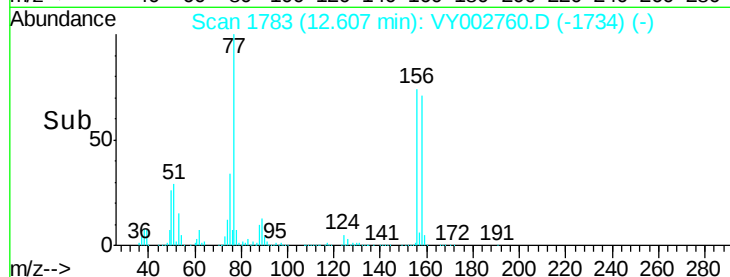
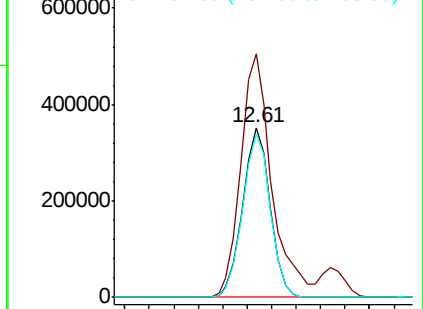
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 141.344 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002760.D

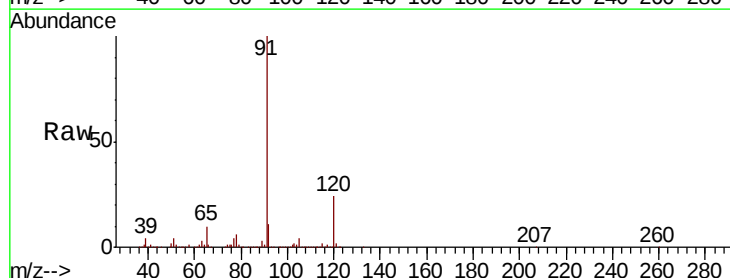
Acq: 27 May 2020 13:00

Tgt Ion: 91 Resp: 2398648

Ion Ratio Lower Upper

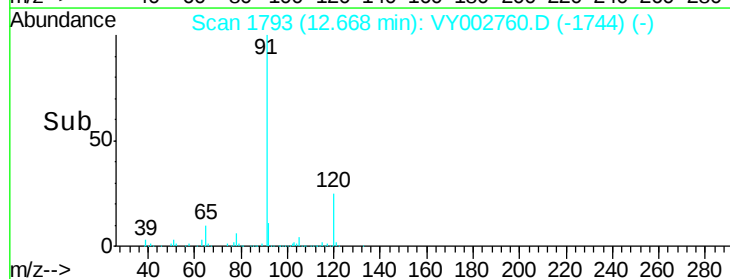
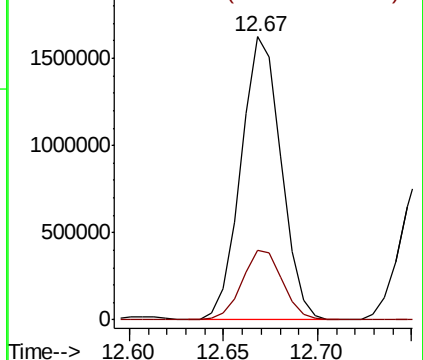
91 100

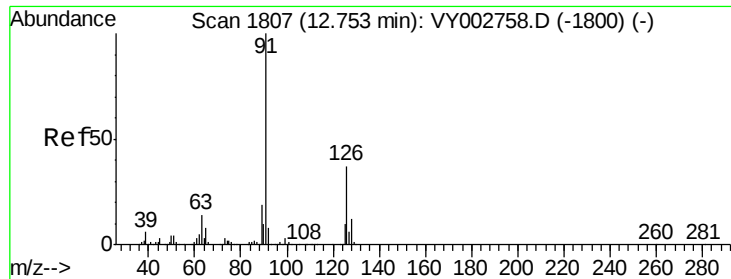
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

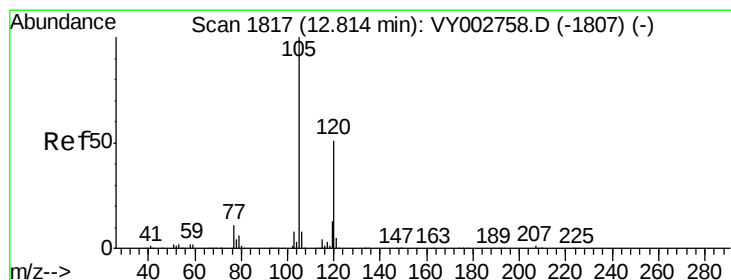
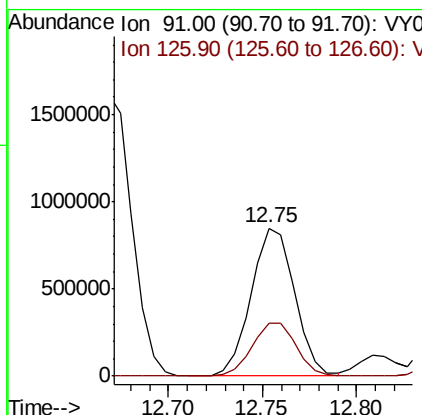
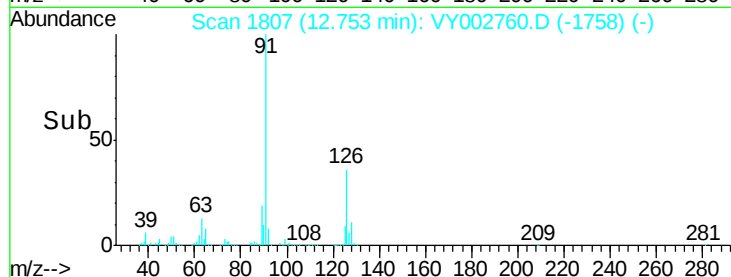
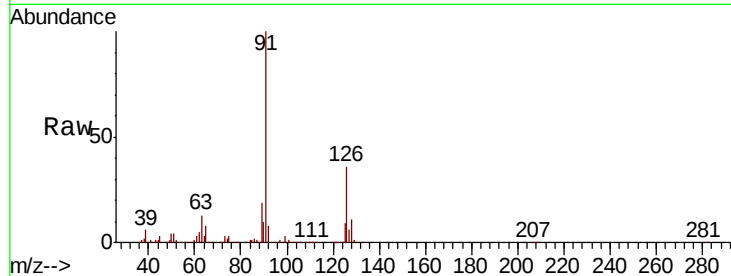




#79
 2-Chlorotoluene
 Concen: 144.241 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

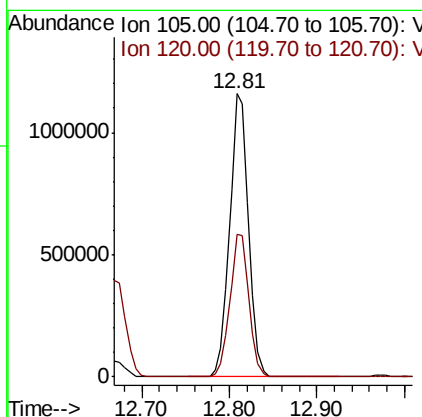
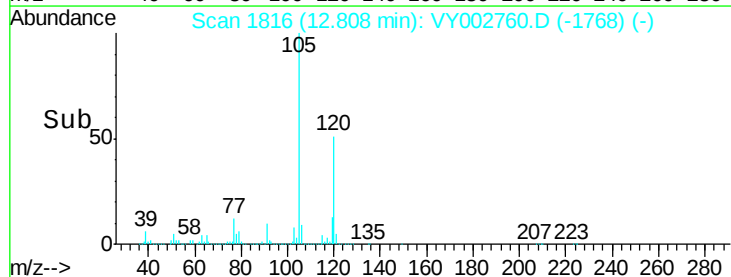
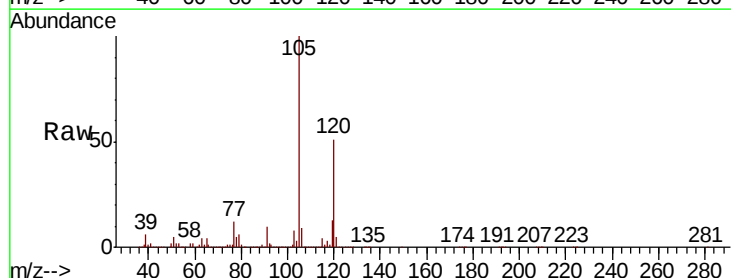
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 1359246
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 140.892 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:105 Resp: 1727371
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 165.190 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

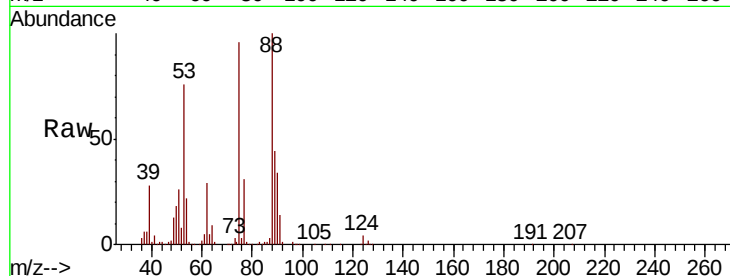
Tot Ion: 75 Resp: 163841

Ion Ratio Lower Upper

75 100

53 79.4 64.0 96.0

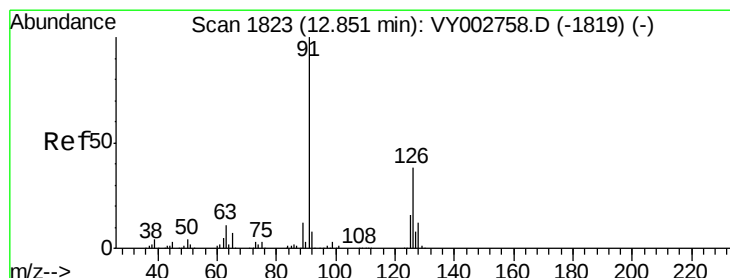
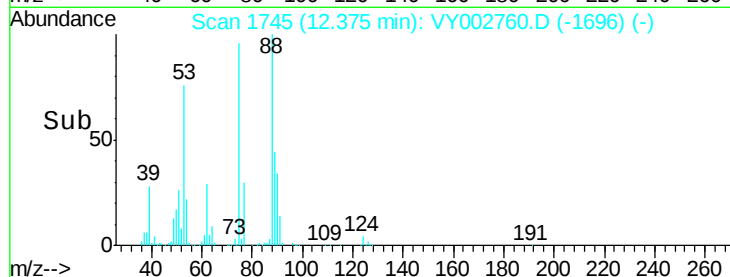
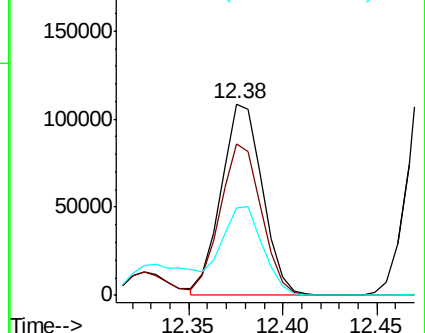
89 46.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY002760.D (-1696) (-)

Ion 53.00 (52.70 to 53.70): VY002760.D (-1696) (-)

Ion 88.90 (88.60 to 89.60): VY002760.D (-1696) (-)



#82

4-Chlorotoluene

Concen: 142.593 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002760.D

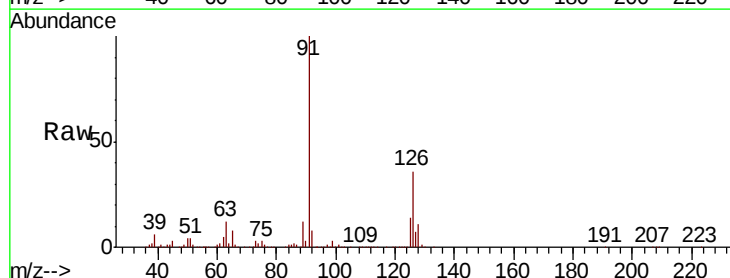
Acq: 27 May 2020 13:00

Tgt Ion: 91 Resp: 1411897

Ion Ratio Lower Upper

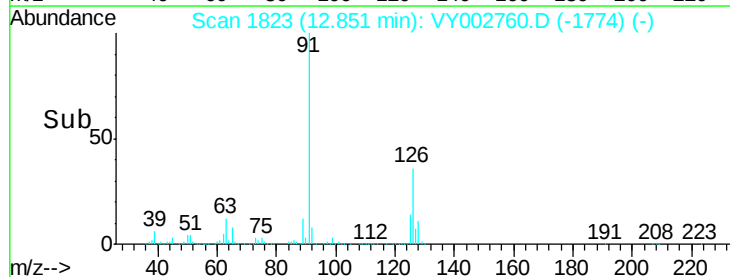
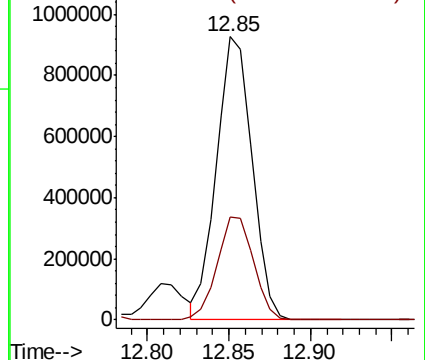
91 100

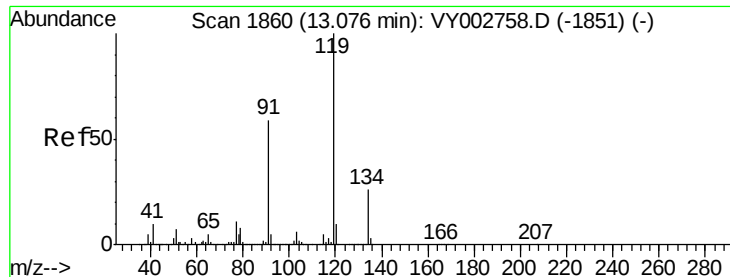
126 37.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002760.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VY002760.D (-1774) (-)

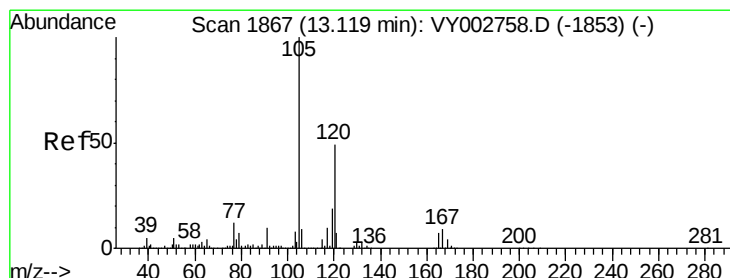
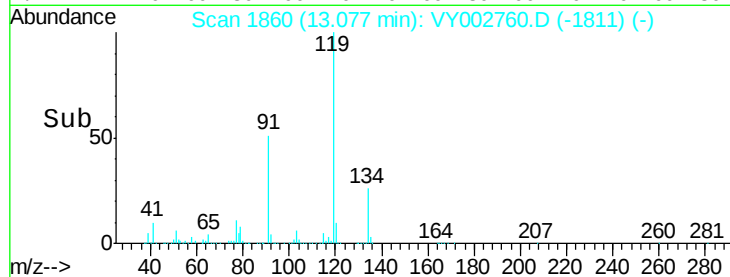
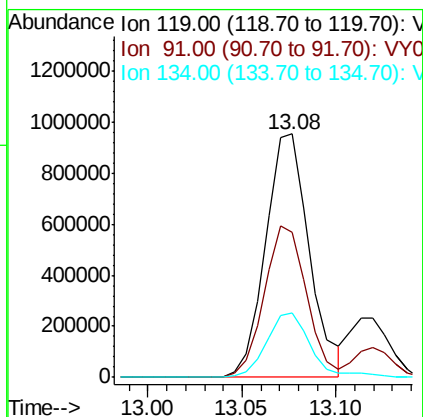
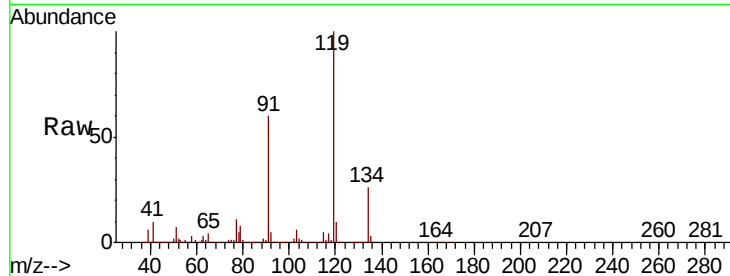




#83
 tert-Butylbenzene
 Concen: 141.412 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

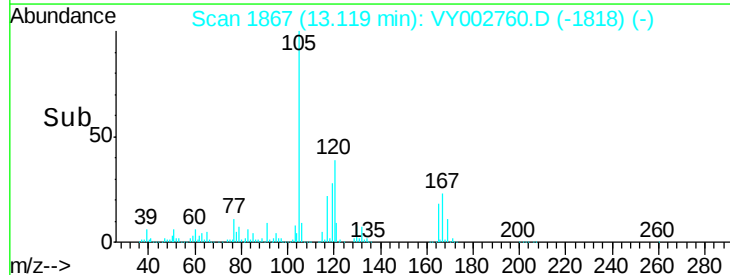
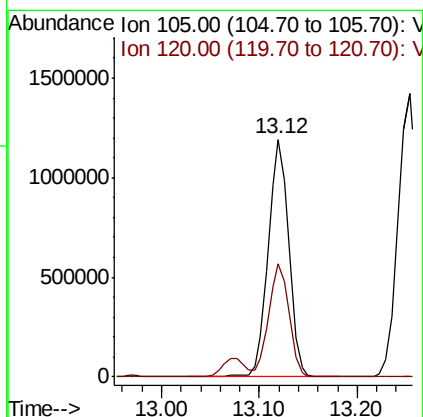
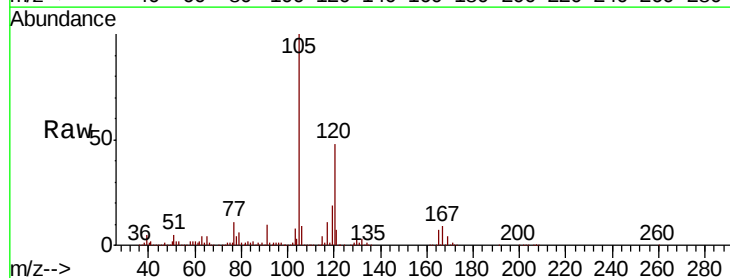
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

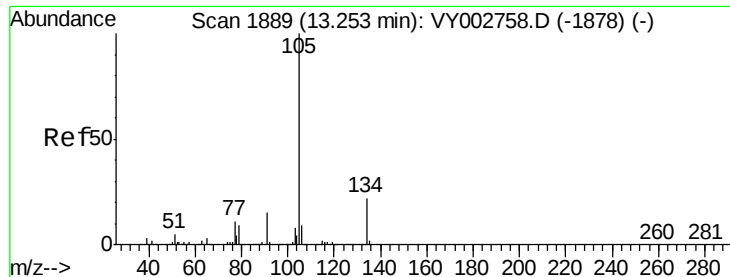
Tot Ion:119 Resp: 1538504
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.8 89.4
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 141.483 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:105 Resp: 1736402
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 138.290 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

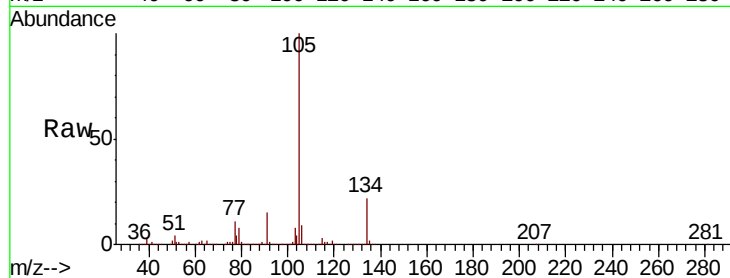
VSTDIC150

Tot Ion:105 Resp: 2070981

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

1500000

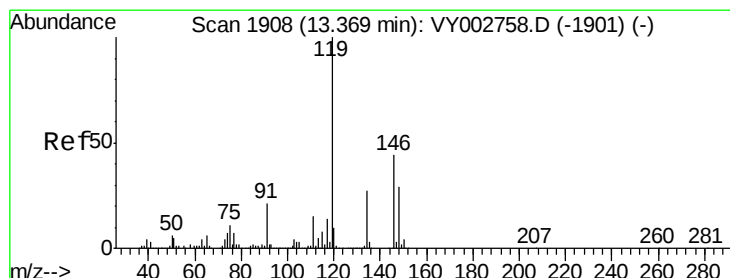
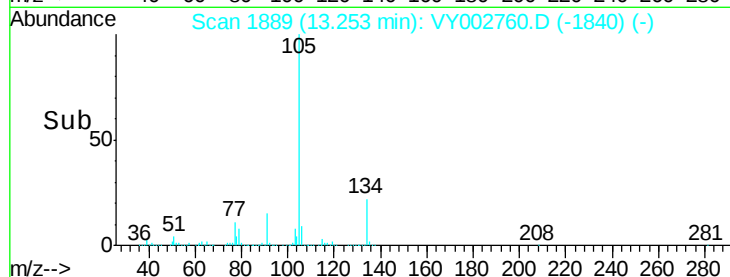
1000000

500000

0

13.20 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 139.026 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

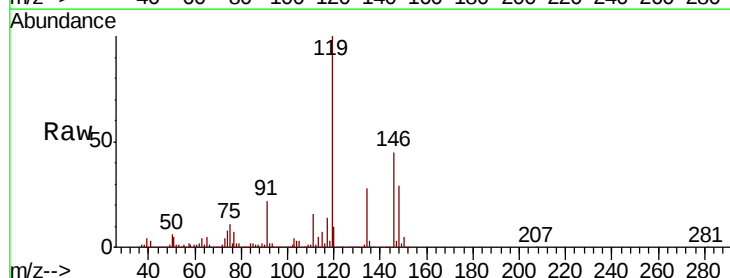
Tgt Ion:119 Resp: 1946292

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.9 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

1500000

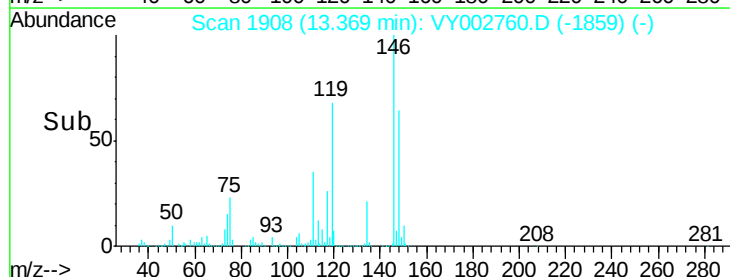
1000000

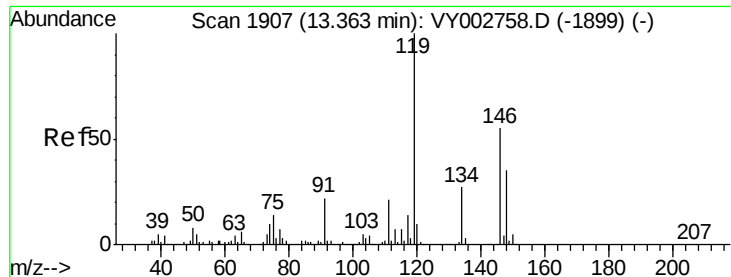
500000

0

13.30 13.40

Time-->

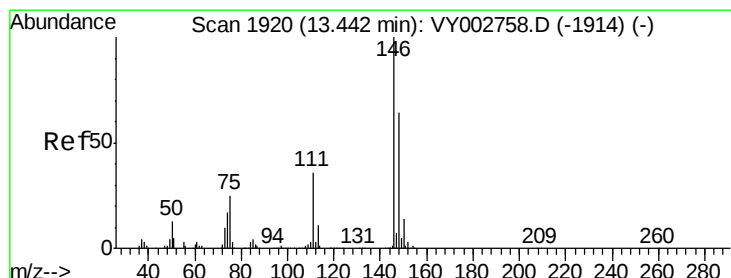
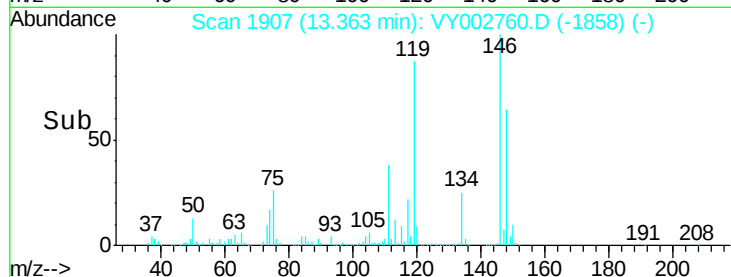
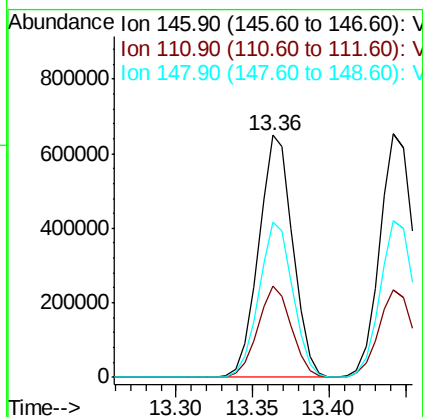
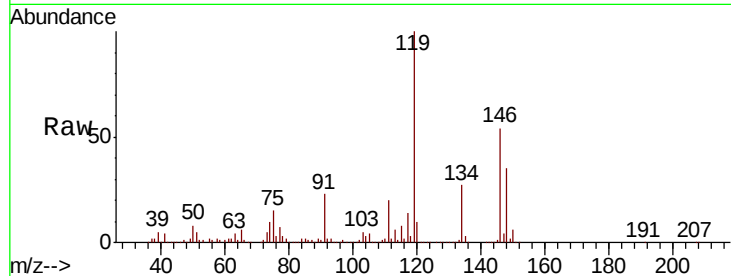




#87
 1,3-Dichlorobenzene
 Concen: 142.641 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

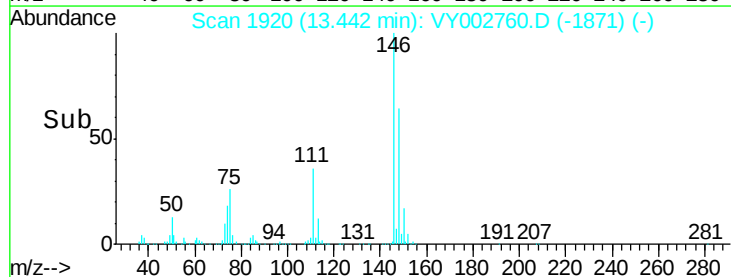
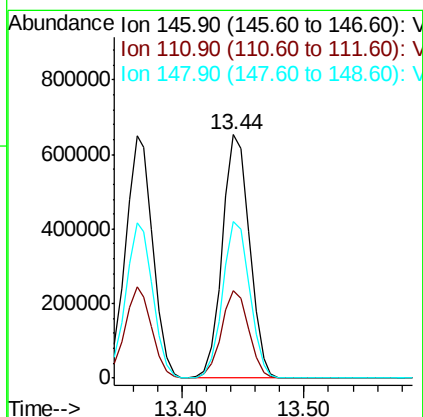
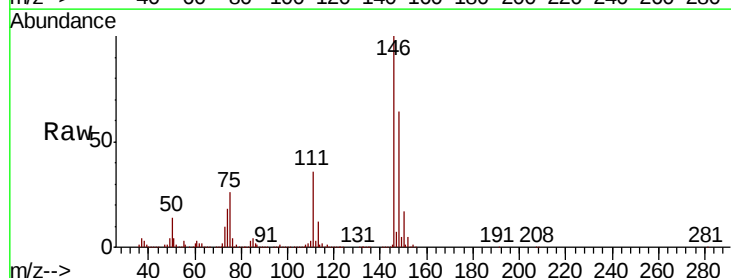
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1009270
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 142.539 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:146 Resp: 1004015
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.3
 148 64.1 32.1 96.3

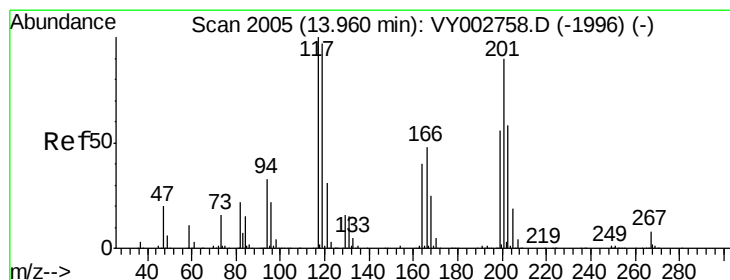
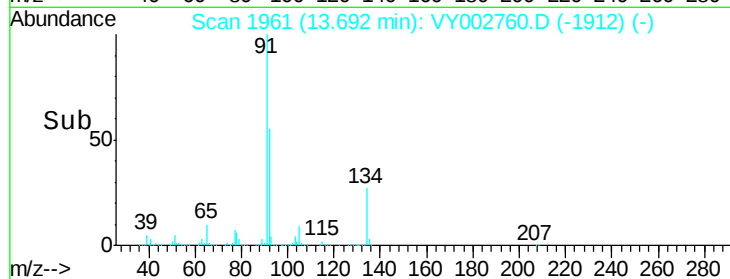
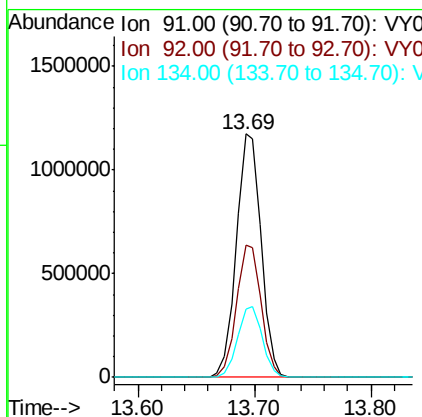
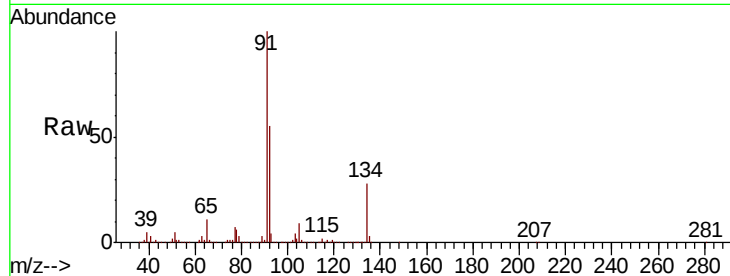




#89
n-Butylbenzene
Concen: 135.211 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

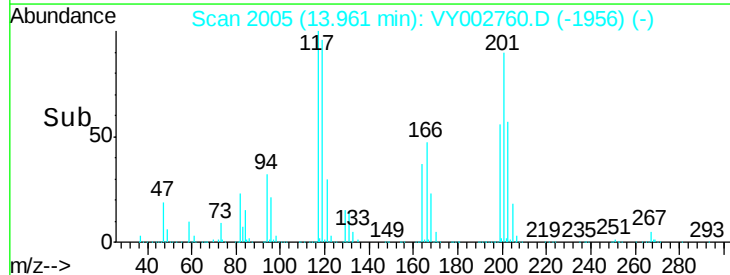
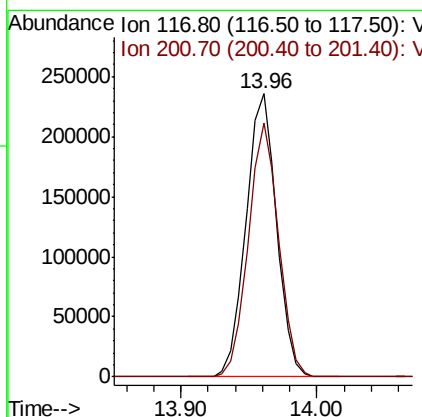
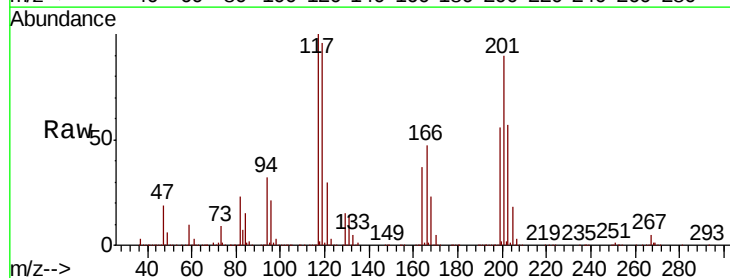
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1738594
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 28.8 14.3 42.9



#90
Hexachloroethane
Concen: 142.948 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002760.D
Acq: 27 May 2020 13:00

Tgt Ion: 117 Resp: 371634
Ion Ratio Lower Upper
117 100
201 88.6 43.9 131.6

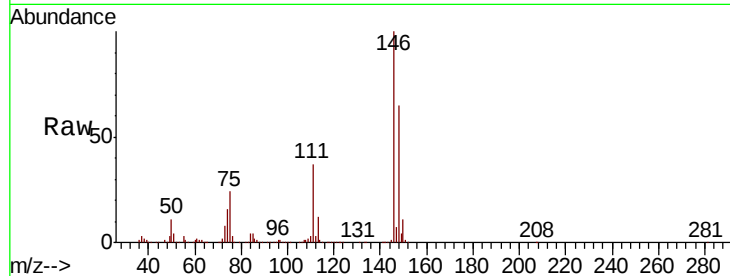




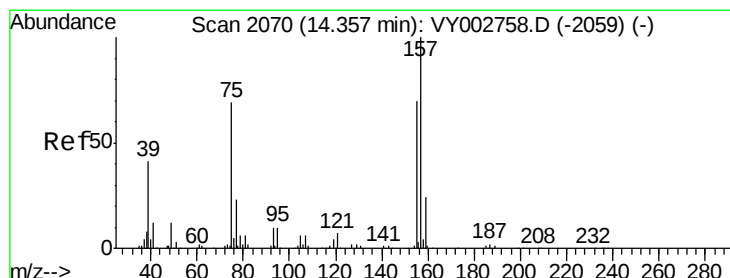
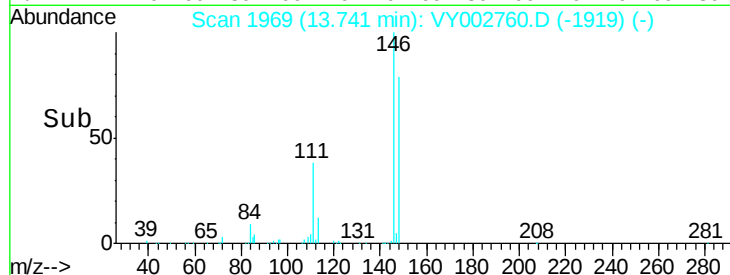
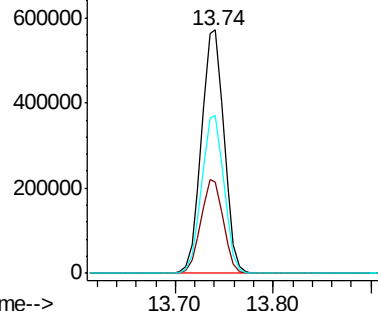
#91
 1,2-Dichlorobenzene
 Concen: 143.926 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.5	31.9	95.5

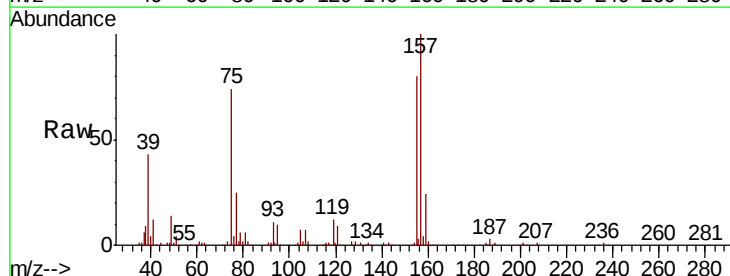


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

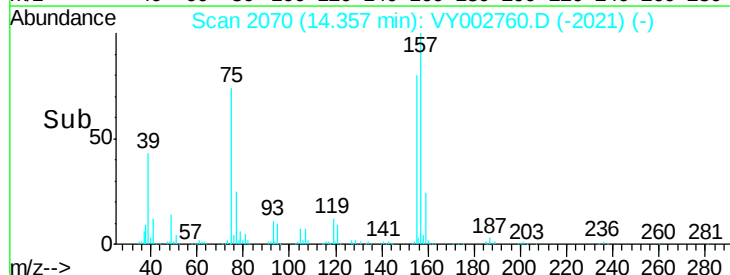
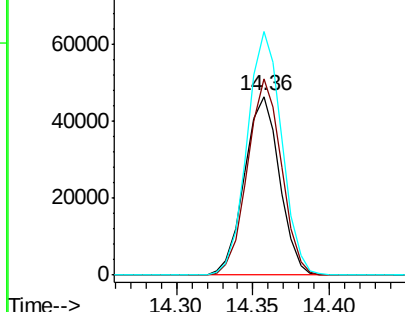


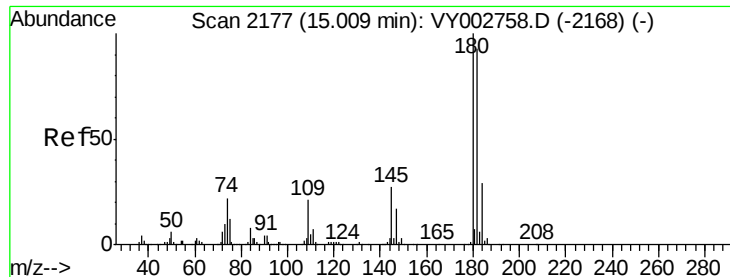
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 173.896 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.5	53.5	160.5
157	135.0	69.9	209.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

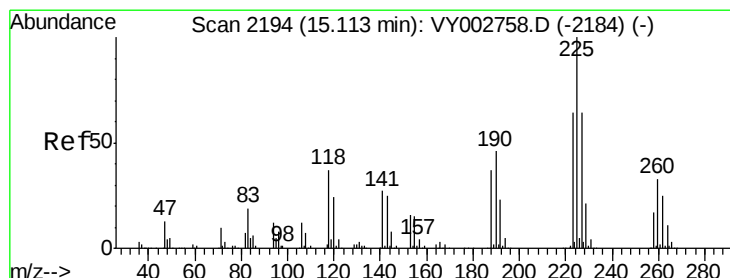
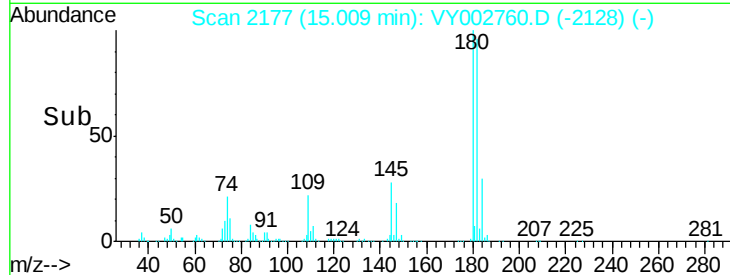
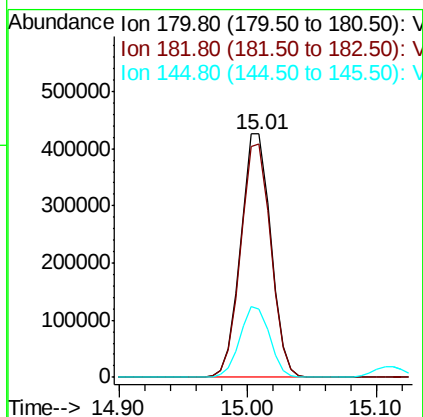
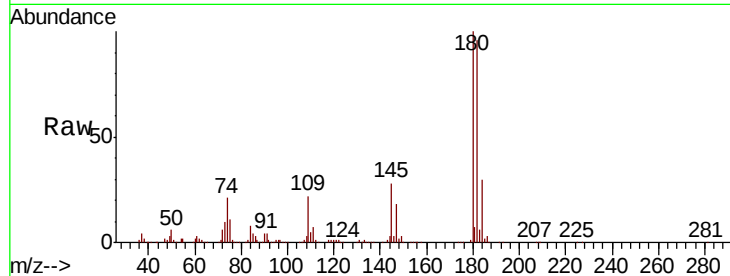




#93
 1,2,4-Trichlorobenzene
 Concen: 139.531 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

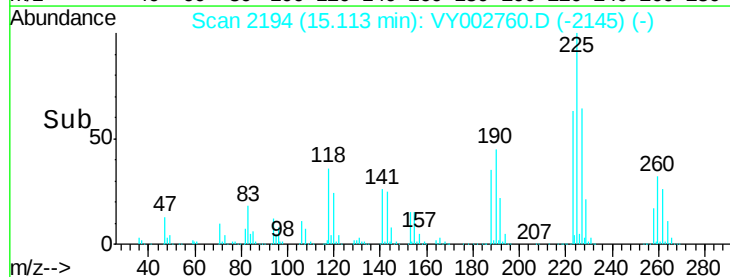
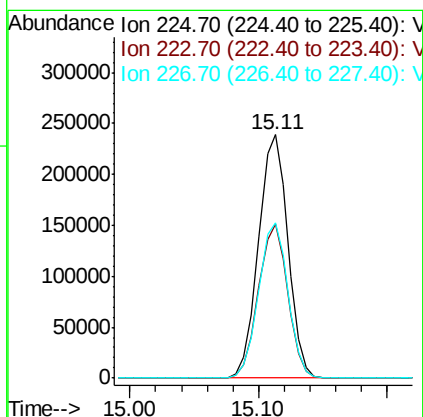
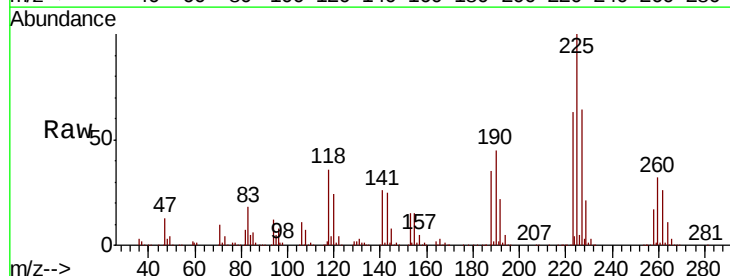
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

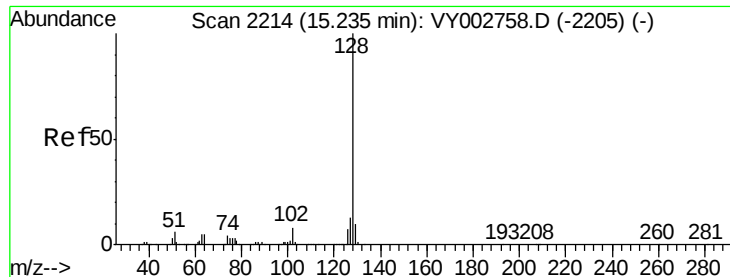
Tot Ion:180 Resp: 687310
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.9
 145 28.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 126.864 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002760.D
 Acq: 27 May 2020 13:00

Tgt Ion:225 Resp: 375594
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 63.7 32.3 96.9





#95

Naphthalene

Concen: 162.716 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002760.D

Acq: 27 May 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

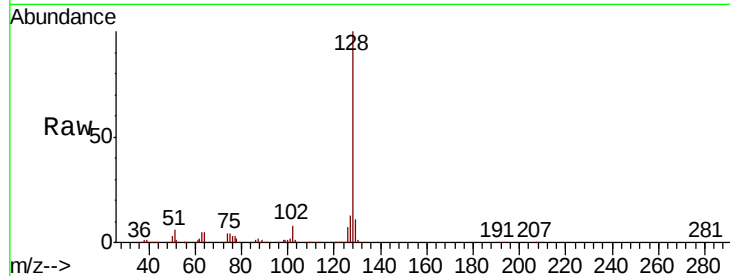
Tot Ion:128 Resp: 1452388

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

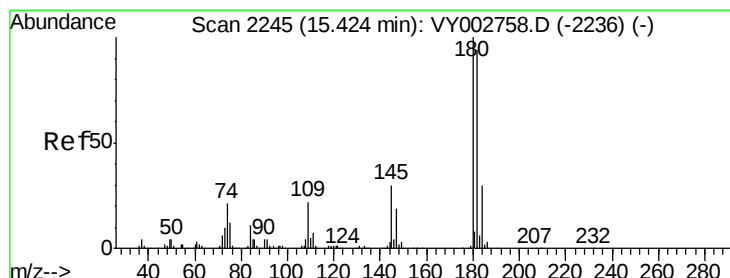
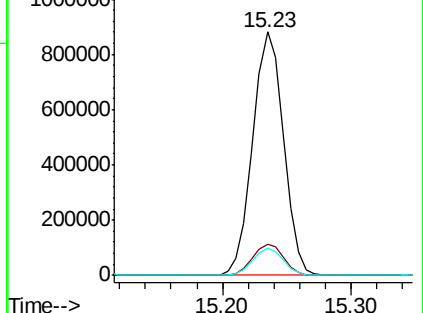
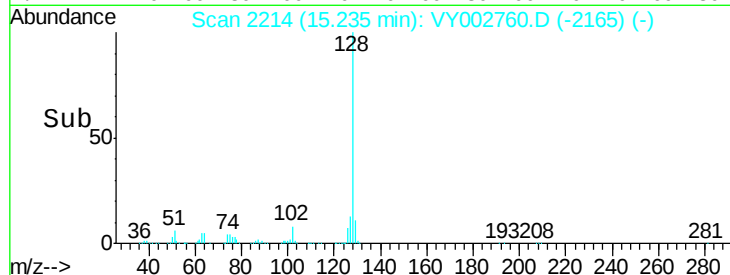
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 144.624 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

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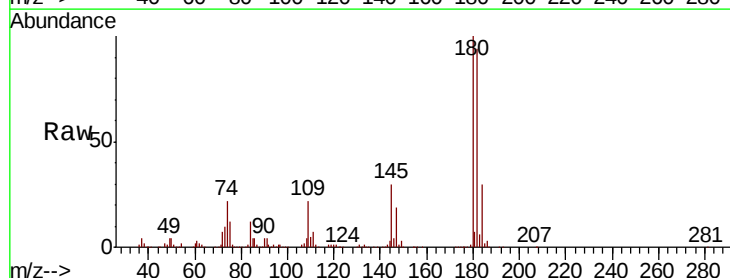
Tgt Ion:180 Resp: 621911

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.4

145 30.0 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

