

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002555.D
 Acq On : 04 May 2020 21:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:12:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	386602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	590880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	538482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	273771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	165527	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.74	113	173689	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.19	98	669376	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.49	95	228644	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	166746	52.120	ug/l	99
3) Chloromethane	2.13	50	173065	55.254	ug/l	99
4) Vinyl Chloride	2.26	62	201158	55.619	ug/l	99
5) Bromomethane	2.66	94	135366	54.273	ug/l	99
6) Chloroethane	2.81	64	116731	54.054	ug/l	99
7) Trichlorofluoromethane	3.15	101	291742	52.047	ug/l	98
8) Diethyl Ether	3.55	74	105119	55.805	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	179203	52.309	ug/l	99
10) Methyl Iodide	4.12	142	271280	58.123	ug/l	99
11) Tert butyl alcohol	4.99	59	83549	249.823	ug/l	100
12) 1,1-Dichloroethene	3.90	96	177873	53.446	ug/l	99
13) Acrolein	3.76	56	60848	263.113	ug/l	96
14) Allyl chloride	4.51	41	269331	55.543	ug/l	99
15) Acrylonitrile	5.20	53	238886	268.922	ug/l	99
16) Acetone	3.97	43	172223	256.721	ug/l	98
17) Carbon Disulfide	4.22	76	551055	55.039	ug/l	99
18) Methyl Acetate	4.51	43	118752	52.979	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	477972	55.048	ug/l	99
20) Methylene Chloride	4.75	84	200936	53.561	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	200966	55.248	ug/l	99
22) Diisopropyl ether	6.15	45	551371	56.197	ug/l	98
23) Vinyl Acetate	6.10	43	1711936	277.444	ug/l	100
24) 1,1-Dichloroethane	6.05	63	324792	55.956	ug/l	99
25) 2-Butanone	7.02	43	289925	264.012	ug/l	99
26) 2,2-Dichloropropane	7.01	77	266921	48.379	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	224230	55.711	ug/l	98
28) Bromochloromethane	7.36	49	137317	57.740	ug/l	99
29) Tetrahydrofuran	7.38	42	195998	269.763	ug/l	100
30) Chloroform	7.53	83	330719	54.798	ug/l	99
31) Cyclohexane	7.81	56	299635	51.284	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	298369	53.189	ug/l	99
36) 1,1-Dichloropropene	7.94	75	260335	52.557	ug/l	99
37) Ethyl Acetate	7.10	43	132459	52.038	ug/l	100
38) Carbon Tetrachloride	7.93	117	276039	51.043	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	335364	51.259	ug/l	99
40) Benzene	8.18	78	768907	53.745	ug/l	100
41) Methacrylonitrile	7.37	41	179411	131.091	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	211791	52.777	ug/l	99
43) Isopropyl Acetate	8.29	43	252462	52.905	ug/l	100
44) Trichloroethene	8.96	130	240144	53.712	ug/l	100
45) 1,2-Dichloropropane	9.24	63	186657	54.060	ug/l	98
46) Dibromomethane	9.32	93	106733	53.726	ug/l	100
47) Bromodichloromethane	9.52	83	259213	53.662	ug/l	99
48) Methyl methacrylate	9.31	41	114601	53.065	ug/l	99
49) 1,4-Dioxane	9.32	88	30360	1154.228	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	651498	264.874	ug/l	100
52) Toluene	10.26	92	490068	53.301	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	267012	52.757	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	309984	52.980	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	154130	53.203	ug/l	99
56) Ethyl methacrylate	10.52	69	210869	54.715	ug/l	98
57) 1,3-Dichloropropane	10.80	76	259989	52.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	554085	272.628	ug/l	99
59) 2-Hexanone	10.85	43	449686	265.630	ug/l	100
60) Dibromochloromethane	11.00	129	200392	54.386	ug/l	98
61) 1,2-Dibromoethane	11.10	107	152414	53.133	ug/l	99
64) Tetrachloroethene	10.73	164	262567	54.880	ug/l	98
65) Chlorobenzene	11.53	112	537921	52.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	205855	54.175	ug/l	99
67) Ethyl Benzene	11.60	91	940502	52.305	ug/l	99
68) m/p-Xylenes	11.71	106	728044	104.644	ug/l	100
69) o-Xylene	12.04	106	345345	53.014	ug/l	100
70) Styrene	12.05	104	601463	54.009	ug/l	99
71) Bromoform	12.22	173	125286	53.122	ug/l	100
73) Isopropylbenzene	12.34	105	927029	52.248	ug/l	100
74) N-amyl acetate	12.16	43	230849	54.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	141659	50.202	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	224909	92.444	ug/l #	100
77) Bromobenzene	12.62	156	237212	53.512	ug/l	99
78) n-propylbenzene	12.68	91	1073626	52.142	ug/l	100
79) 2-Chlorotoluene	12.77	91	601851	52.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	778862	52.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60601	49.947	ug/l	99
82) 4-Chlorotoluene	12.86	91	623561	52.047	ug/l	99
83) tert-Butylbenzene	13.08	119	691508	53.622	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	778114	53.085	ug/l	100
85) sec-Butylbenzene	13.27	105	932666	52.120	ug/l	100
86) p-Isopropyltoluene	13.38	119	868346	51.788	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	441802	52.658	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	435026	52.364	ug/l	99
89) n-Butylbenzene	13.70	91	785564	51.465	ug/l	100
90) Hexachloroethane	13.97	117	164711	53.942	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	394730	52.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27601	52.473	ug/l	99

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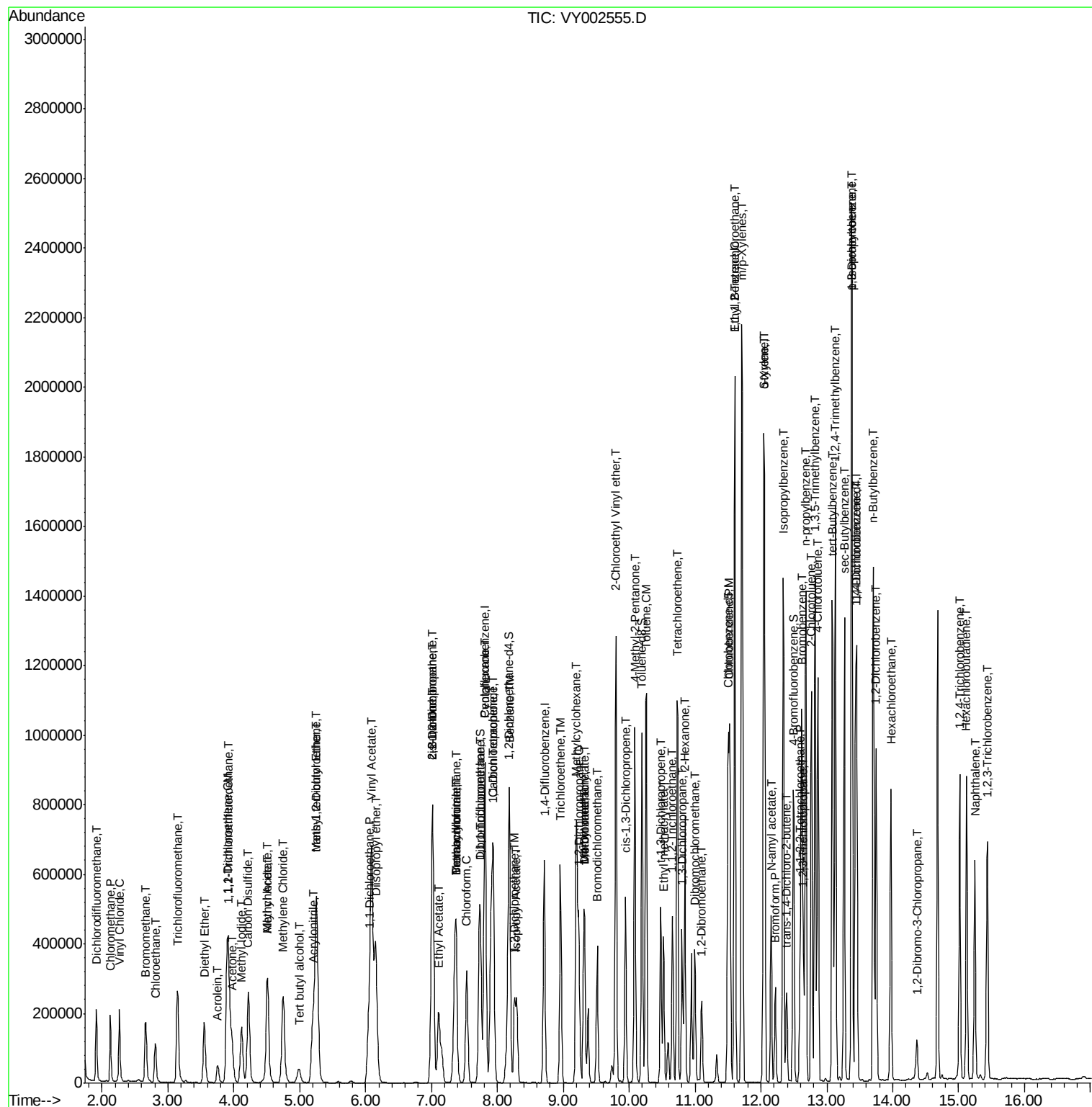
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	281110	51.720	ug/l	100
94) Hexachlorobutadiene	15.13	225	170597	52.290	ug/l	98
95) Naphthalene	15.25	128	532890	53.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	241297	52.295	ug/l	99

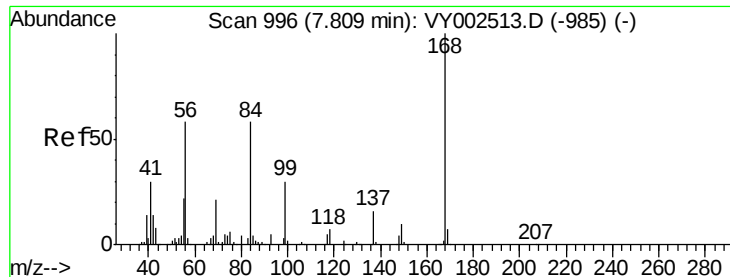
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

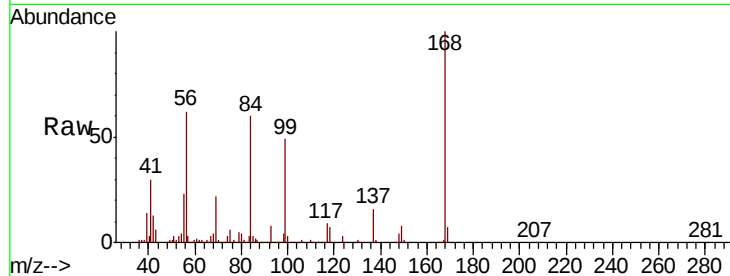
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 386602

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

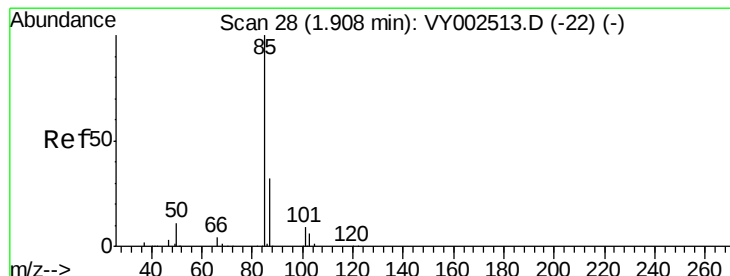
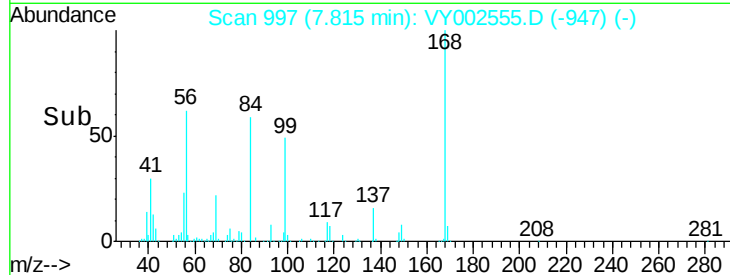
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.120 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002555.D

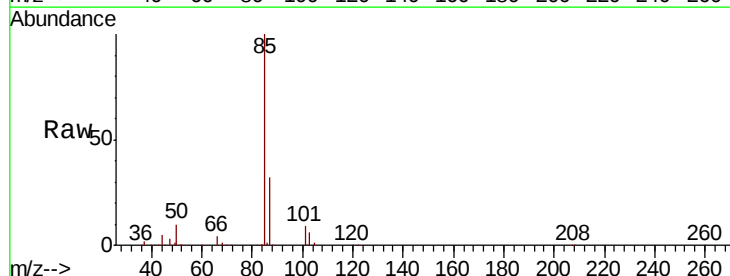
Acq: 04 May 2020 21:33

Tgt Ion: 85 Resp: 166746

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

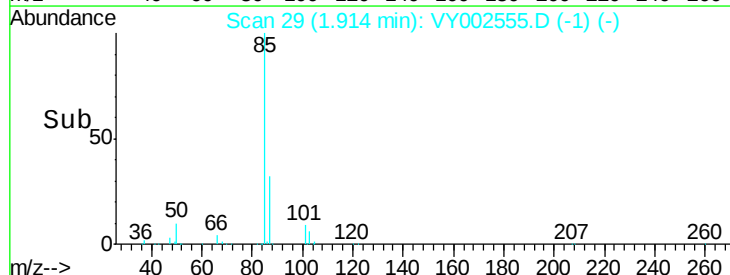
1.91

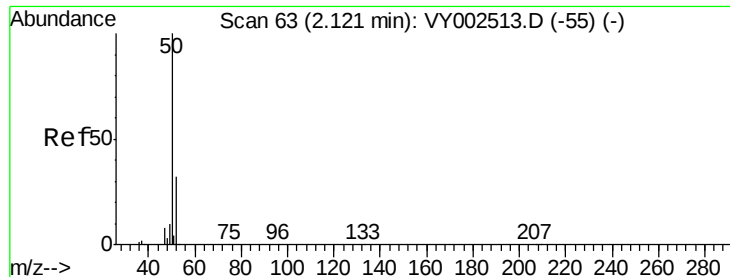
100000

50000

0

Time-->





#3

Chloromethane

Concen: 55.254 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

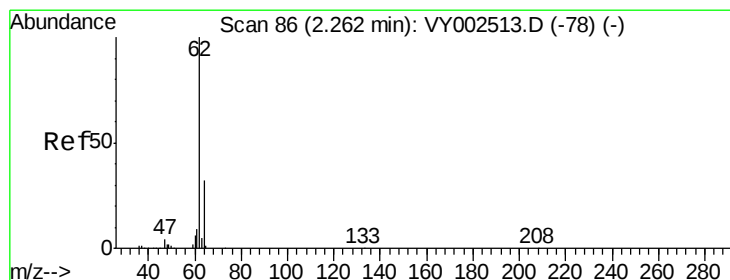
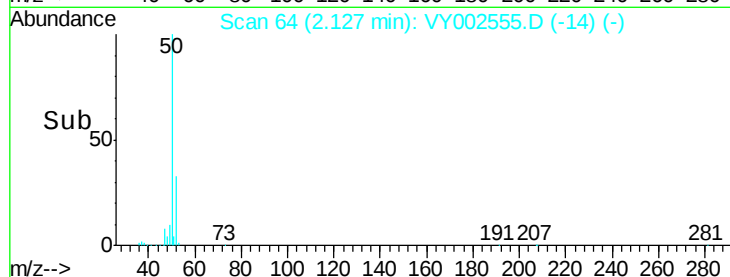
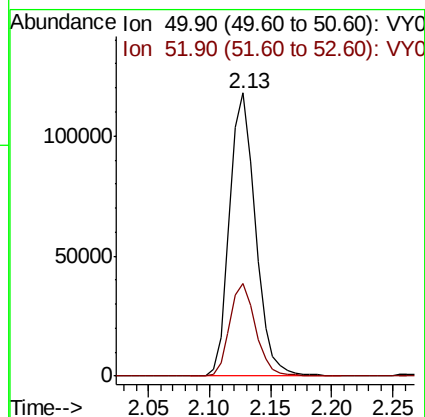
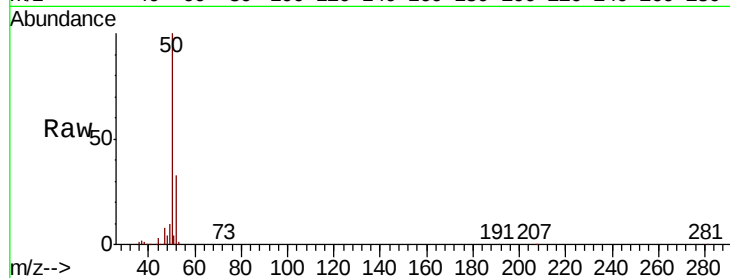
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 173065

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 55.619 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002555.D

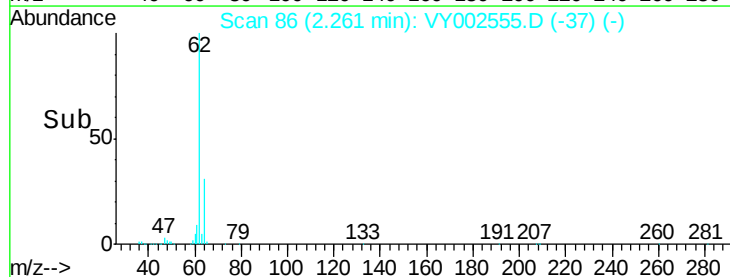
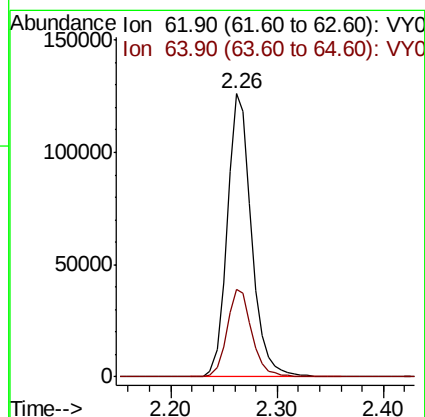
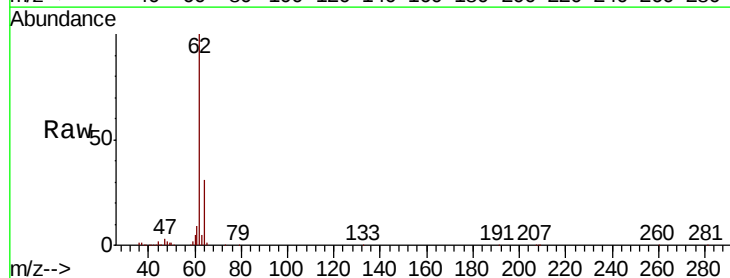
Acq: 04 May 2020 21:33

Tgt Ion: 62 Resp: 201158

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 54.273 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

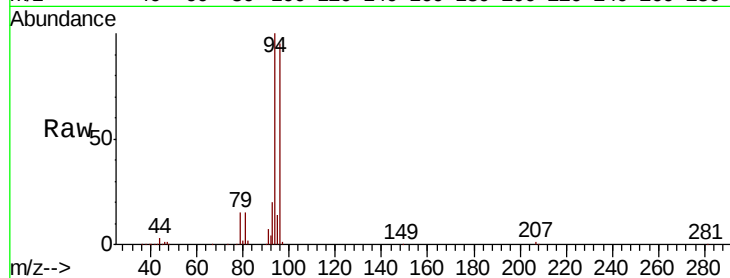
ClientSampleId :

Tot Ion: 94 Resp: 135366

Ion Ratio Lower Upper

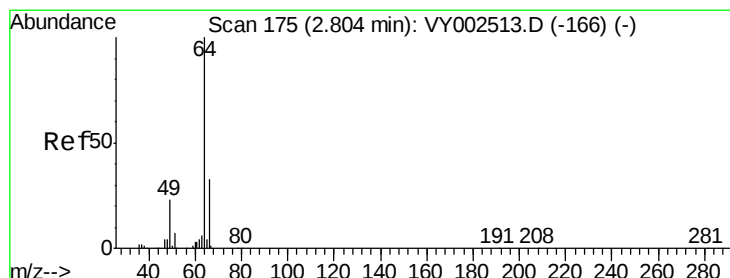
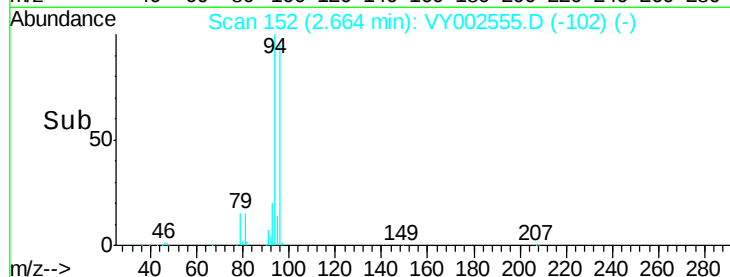
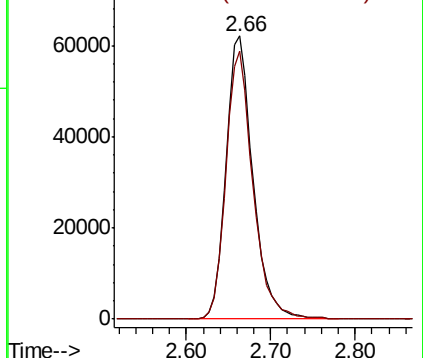
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 54.054 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002555.D

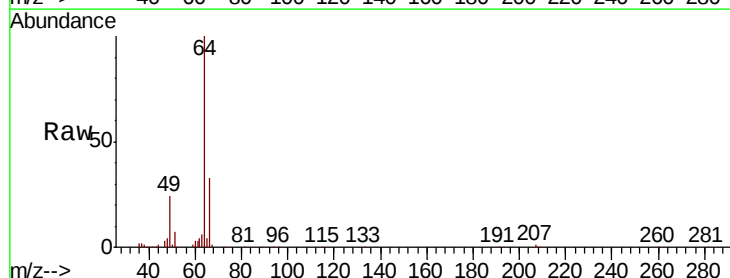
Acq: 04 May 2020 21:33

Tgt Ion: 64 Resp: 116731

Ion Ratio Lower Upper

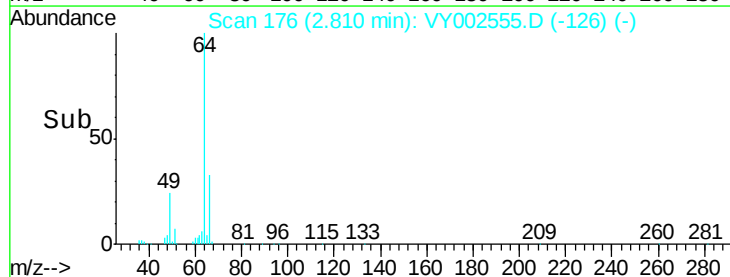
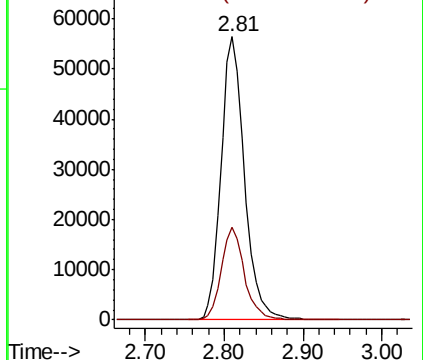
64 100

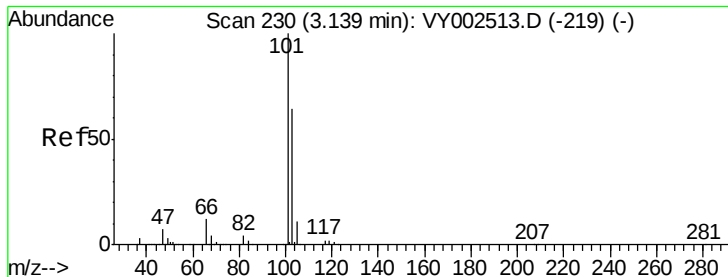
66 32.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



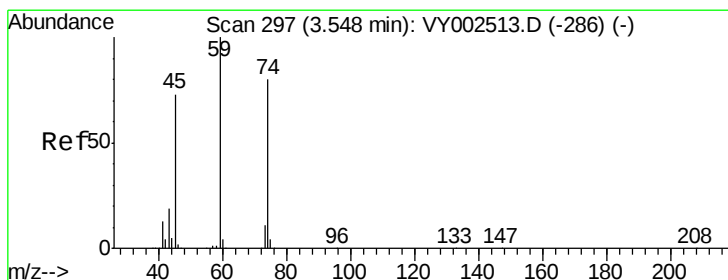
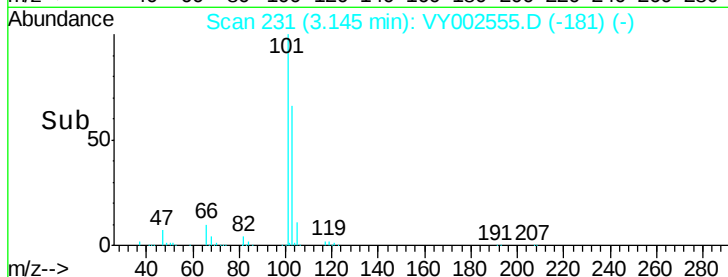
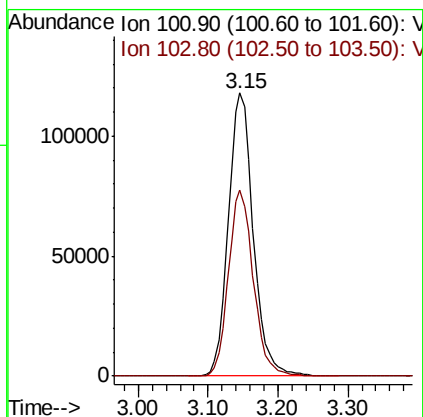
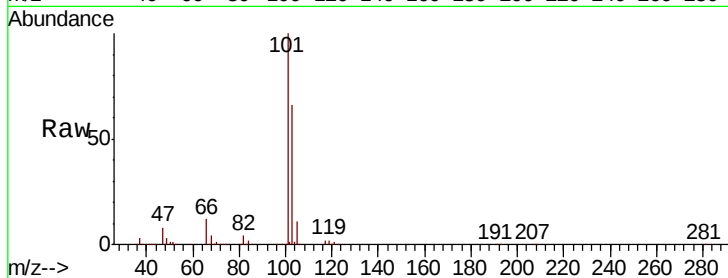


#7

Trichlorofluoromethane
 Concen: 52.047 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Instrument :
 MSVOA_Y
 ClientSampled :

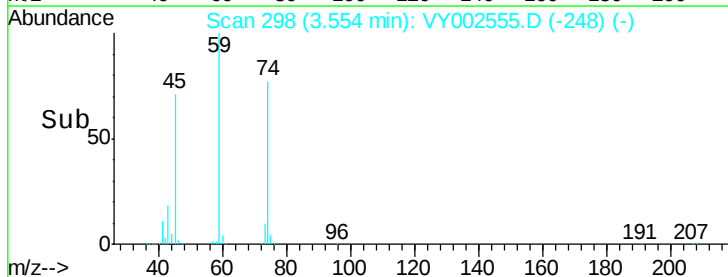
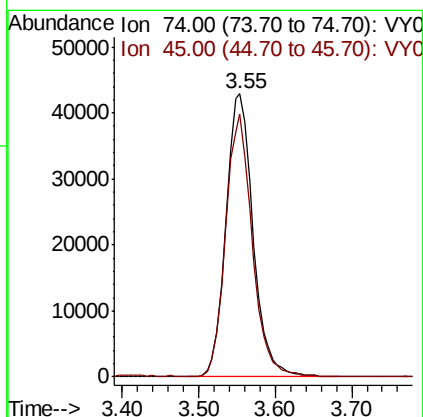
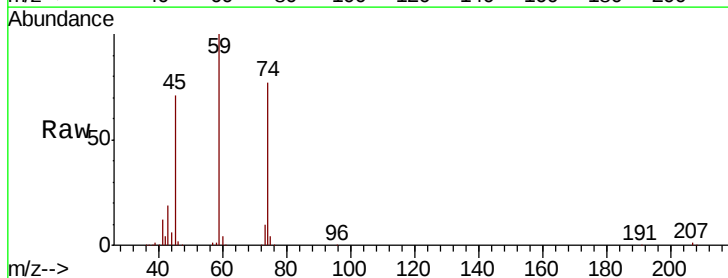
Tot Ion:101 Resp: 291742
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0

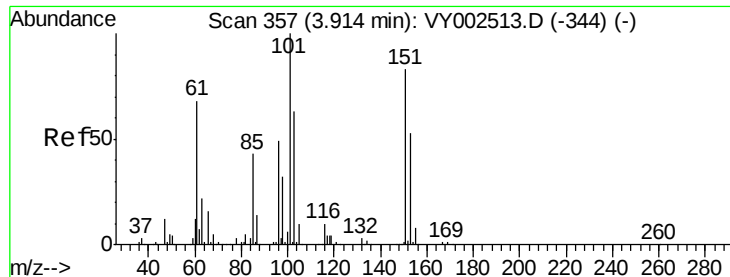


#8

Diethyl Ether
 Concen: 55.805 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion: 74 Resp: 105119
 Ion Ratio Lower Upper
 74 100
 45 91.1 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.309 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

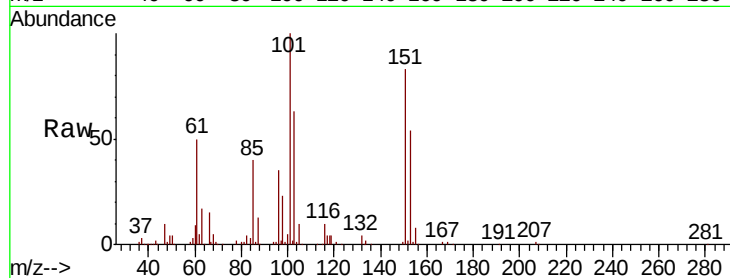
Tot Ion:101 Resp: 179203

Ion Ratio Lower Upper

101 100

85 42.6 33.4 50.2

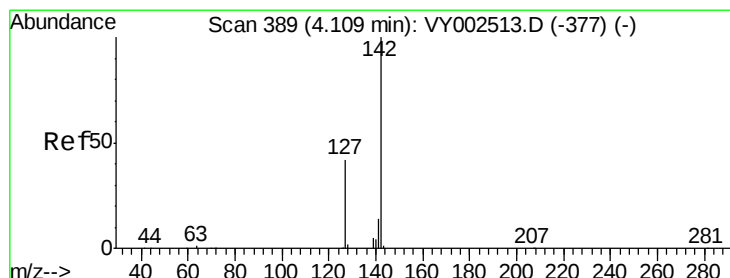
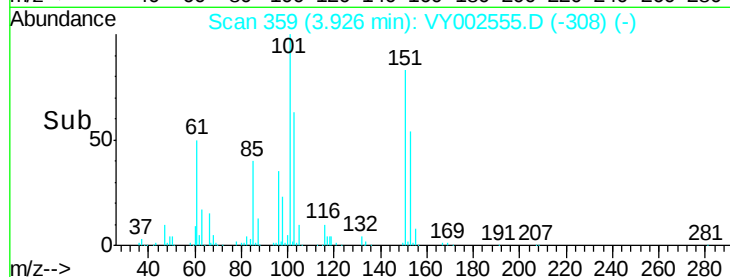
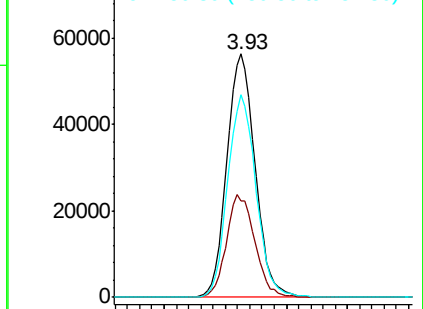
151 83.7 66.8 100.2



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: 58.123 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

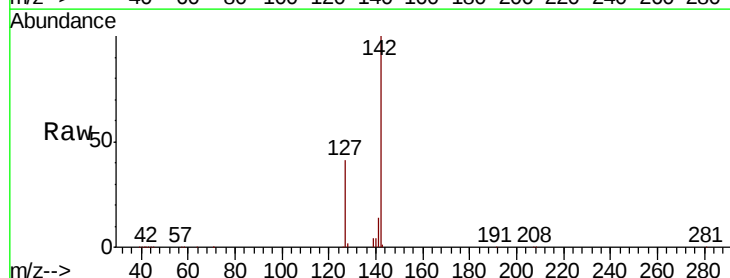
Tgt Ion:142 Resp: 271280

Ion Ratio Lower Upper

142 100

127 41.6 33.7 50.5

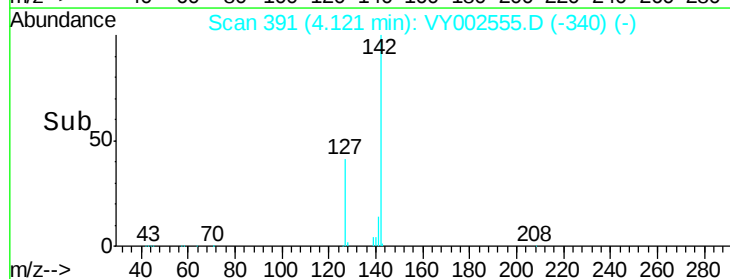
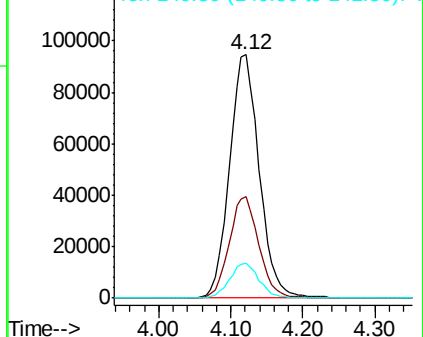
141 14.1 11.4 17.0

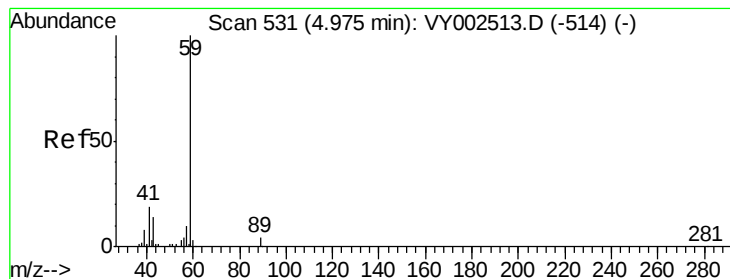


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



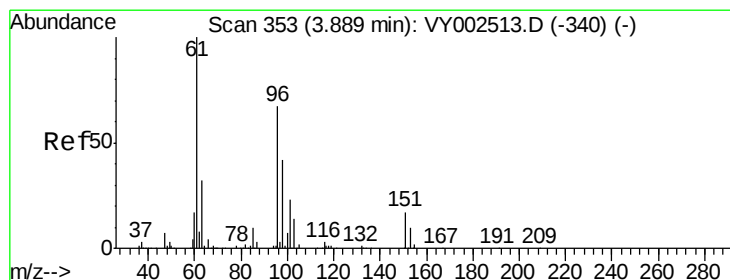
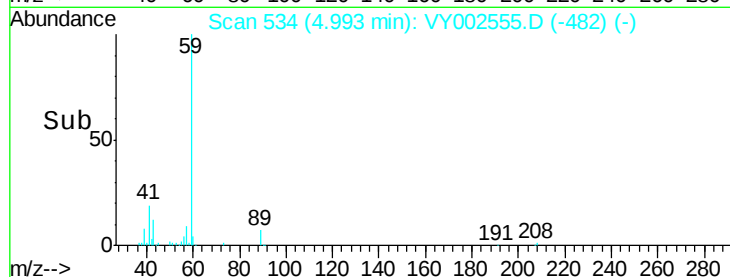
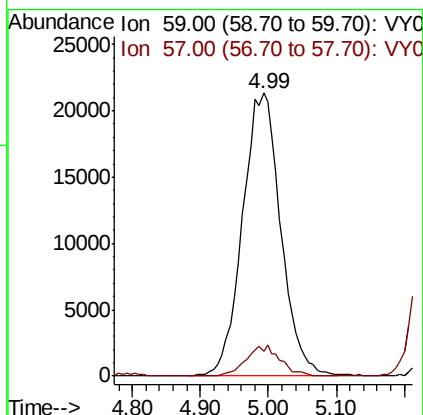
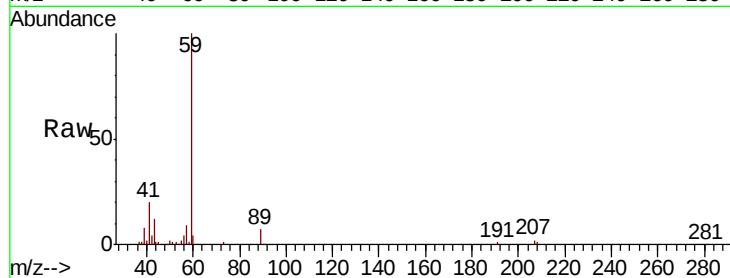


#11

Tert butyl alcohol
 Concen: 249.823 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Instrument :
 MSVOA_Y
 ClientSampleId :

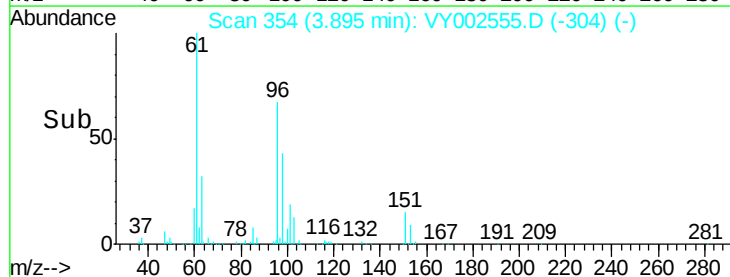
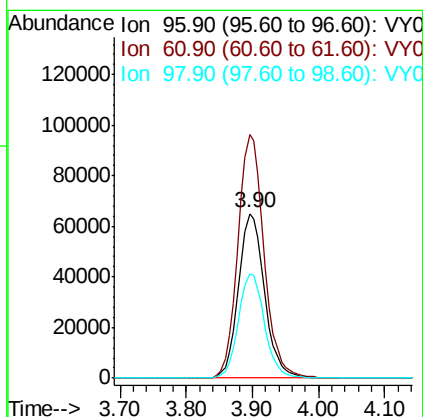
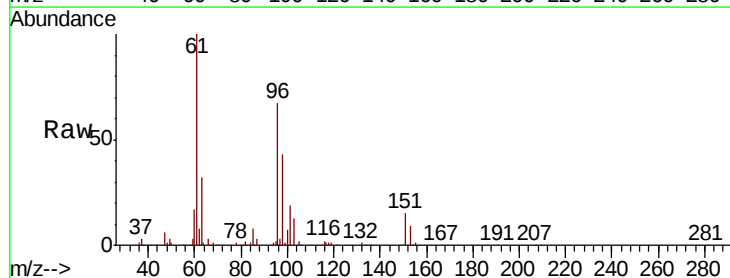
Tot Ion: 59 Resp: 83549
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

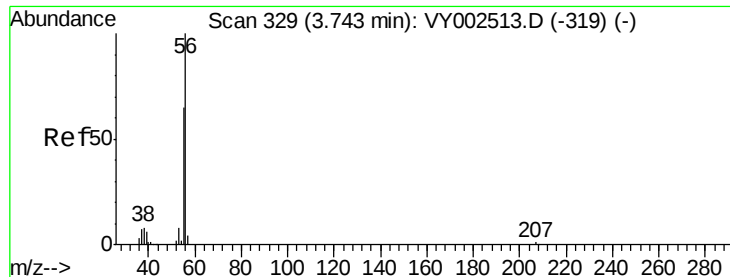


#12

1,1-Dichloroethene
 Concen: 53.446 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion: 96 Resp: 177873
 Ion Ratio Lower Upper
 96 100
 61 148.2 118.8 178.2
 98 63.7 49.6 74.4





#13

Acrolein

Concen: 263.113 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

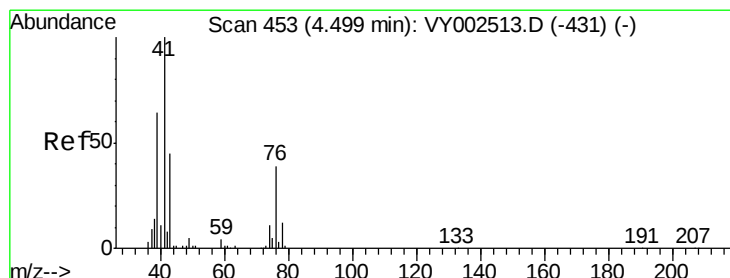
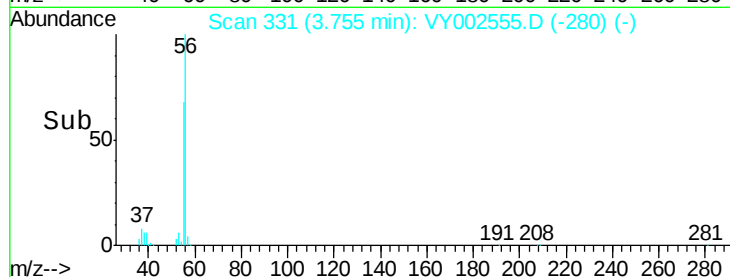
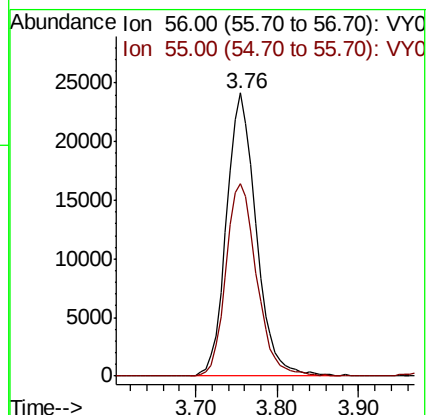
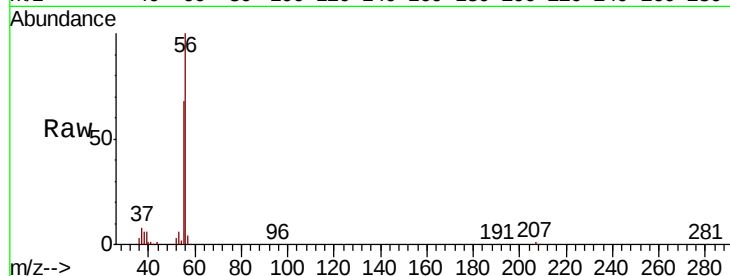
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 60848

Ion Ratio Lower Upper

56 100

55 70.4 53.8 80.6



#14

Allyl chloride

Concen: 55.543 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

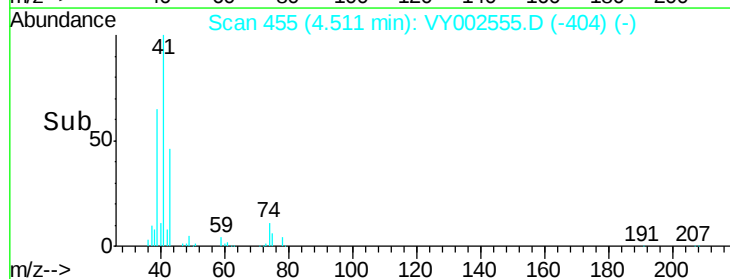
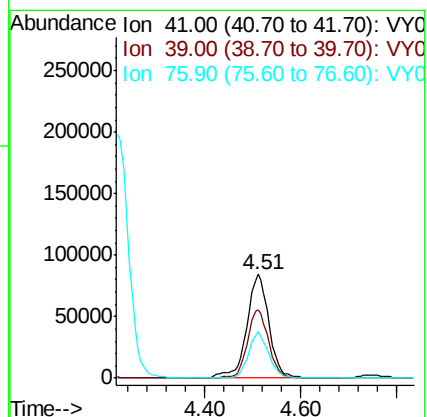
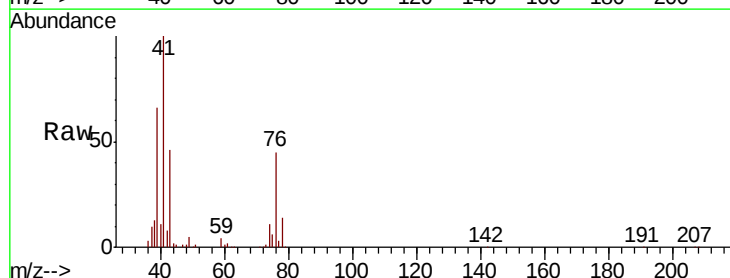
Tgt Ion: 41 Resp: 269331

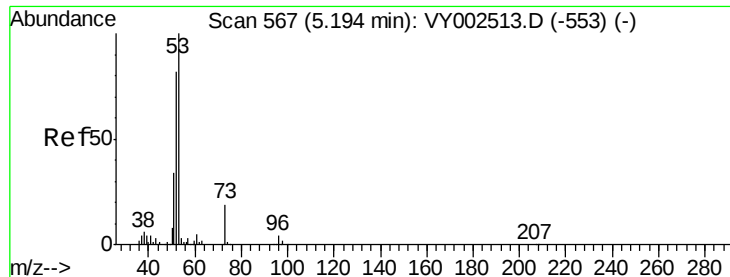
Ion Ratio Lower Upper

41 100

39 63.8 51.8 77.6

76 40.3 31.7 47.5





#15

Acrylonitrile

Concen: 268.922 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

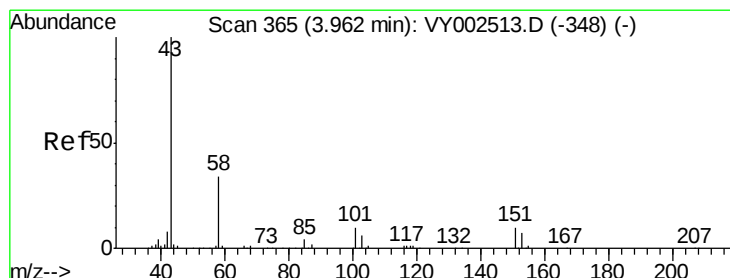
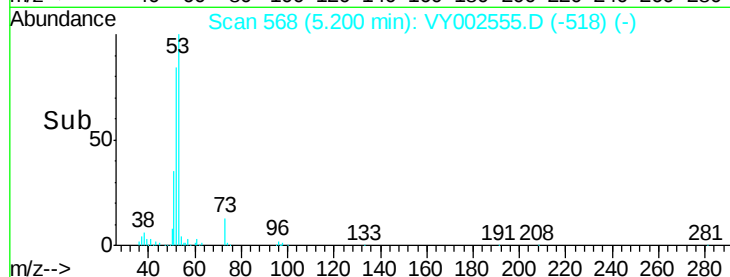
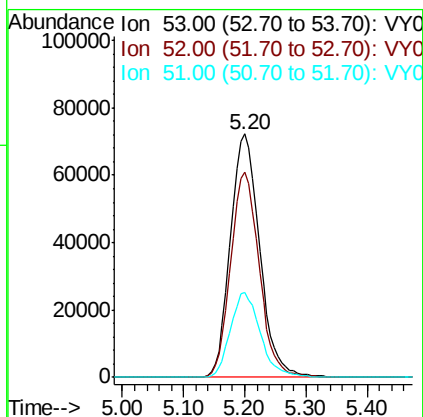
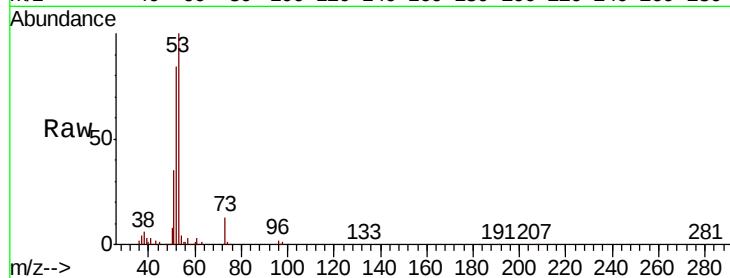
Tot Ion: 53 Resp: 238886

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.0

51 35.6 28.7 43.1



#16

Acetone

Concen: 256.721 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002555.D

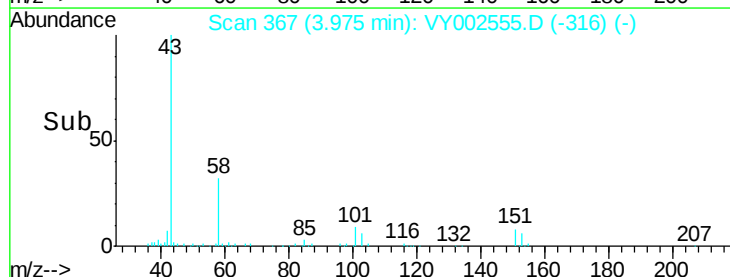
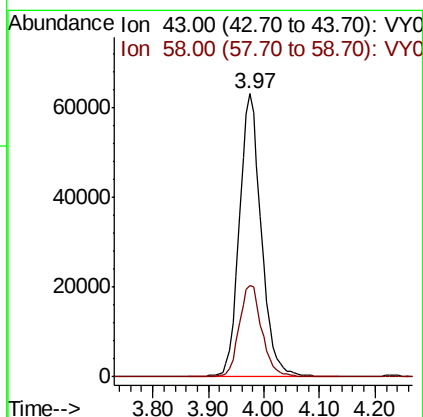
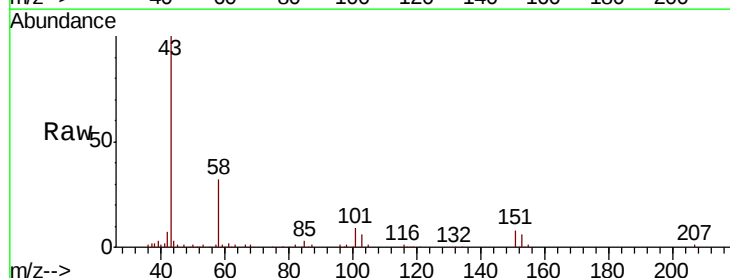
Acq: 04 May 2020 21:33

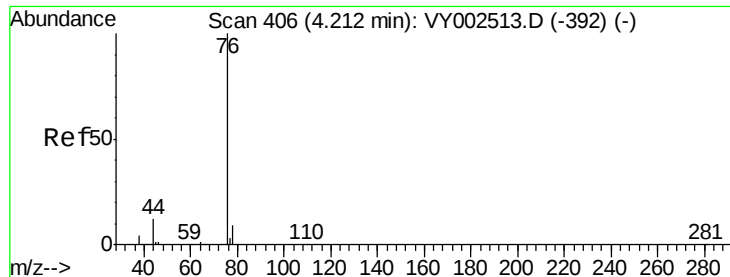
Tgt Ion: 43 Resp: 172223

Ion Ratio Lower Upper

43 100

58 32.3 26.9 40.3

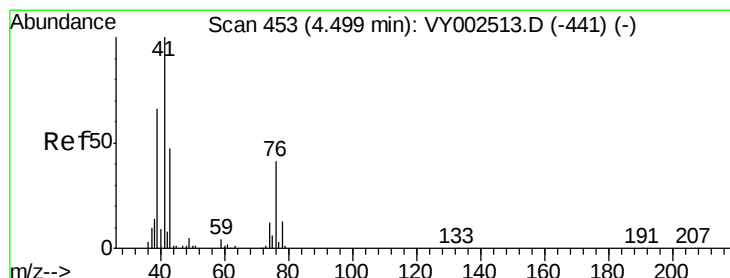
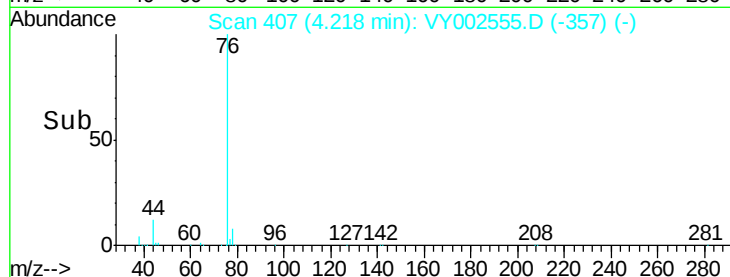
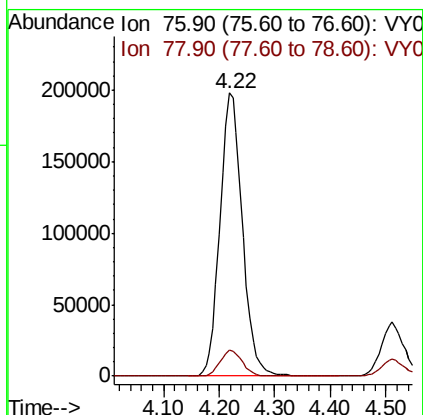
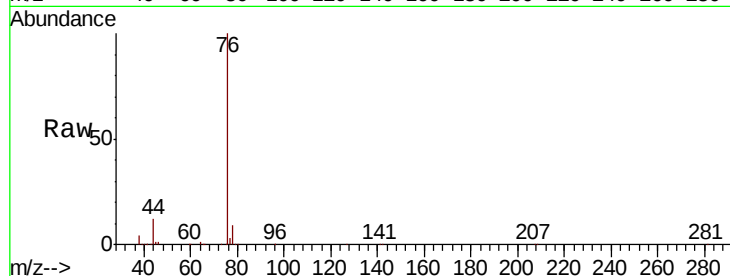




#17
Carbon Disulfide
Concen: 55.039 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

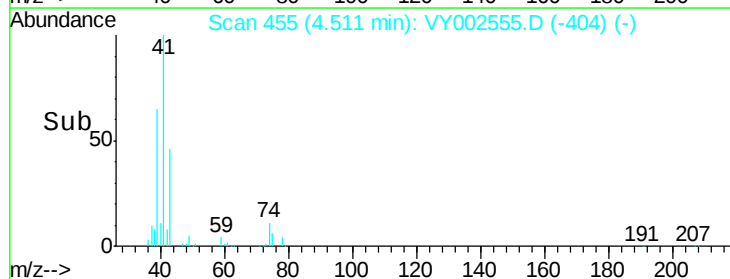
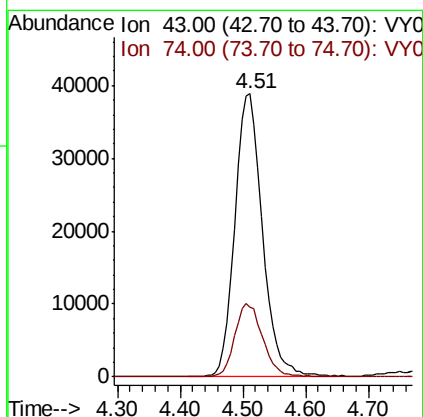
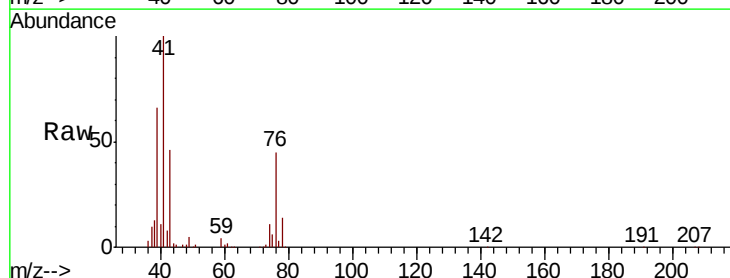
Instrument :
MSVOA_Y
ClientSampleId :

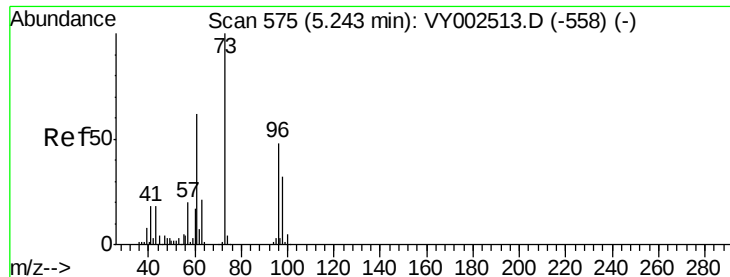
Tot Ion: 76 Resp: 551055
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 52.979 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 43 Resp: 118752
Ion Ratio Lower Upper
43 100
74 25.9 21.2 31.8

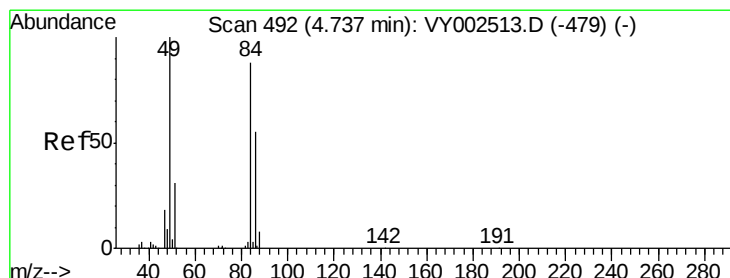
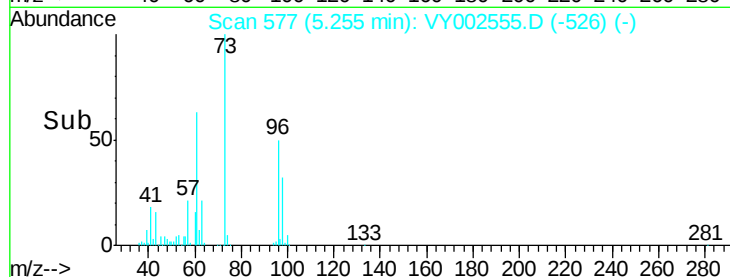
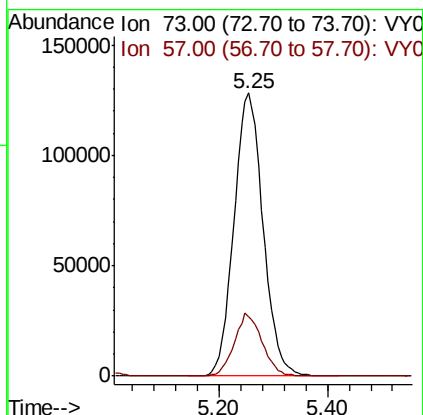
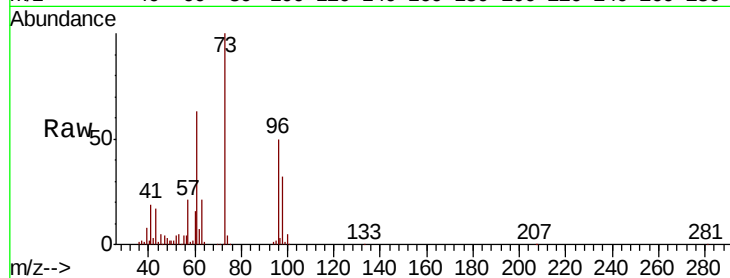




#19
Methyl tert-butyl Ether
Concen: 55.048 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

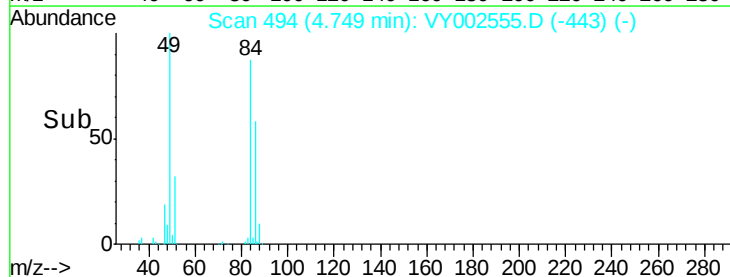
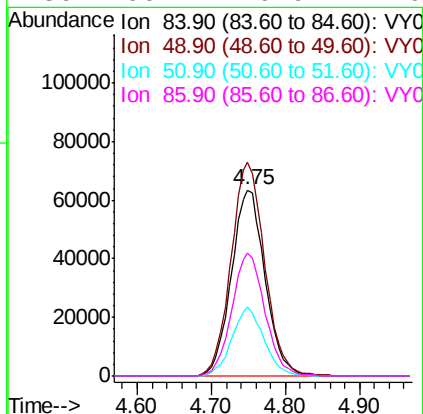
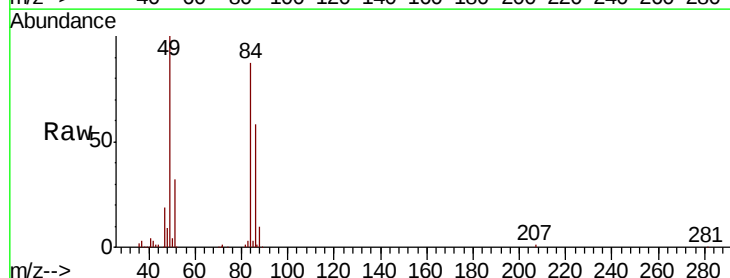
Instrument :
MSVOA_Y
ClientSampleId :

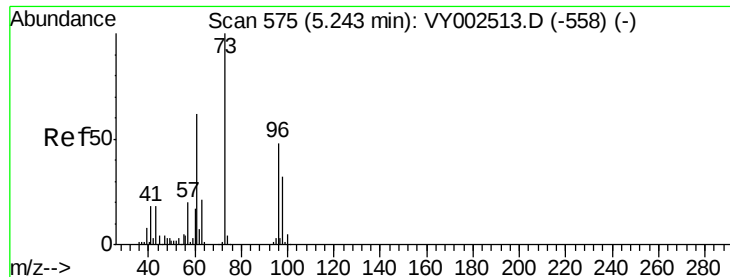
Tot Ion: 73 Resp: 477972
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5



#20
Methylene Chloride
Concen: 53.561 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 84 Resp: 200936
Ion Ratio Lower Upper
84 100
49 114.8 90.5 135.7
51 37.0 28.3 42.5
86 66.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.248 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampled :

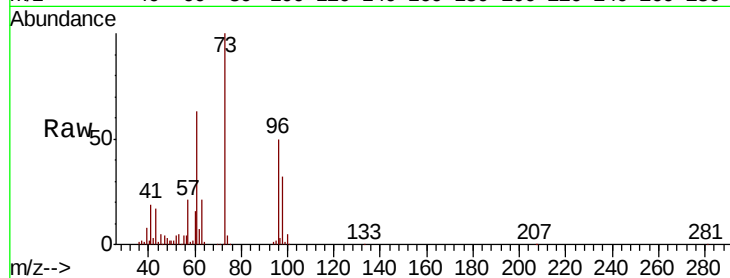
Tot Ion: 96 Resp: 200966

Ion Ratio Lower Upper

96 100

61 126.6 102.0 153.0

98 64.7 53.0 79.4

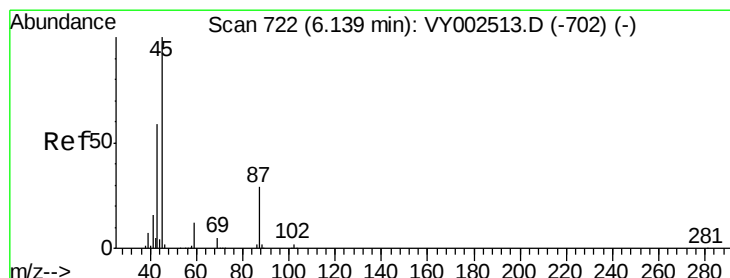
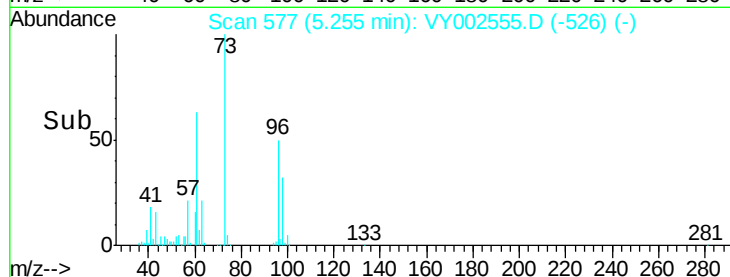
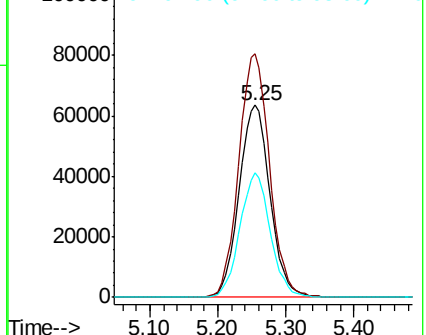


Abundance

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: 56.197 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Tgt Ion: 45 Resp: 551371

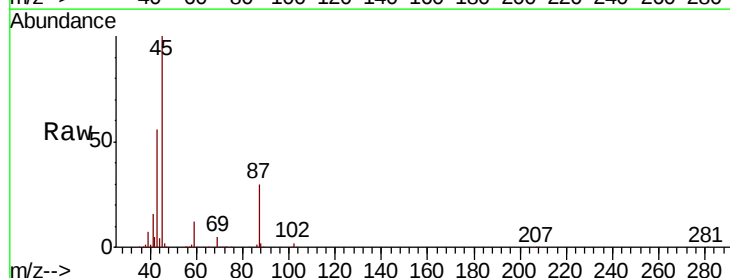
Ion Ratio Lower Upper

45 100

43 56.3 47.4 71.0

87 30.1 24.0 36.0

59 12.4 9.8 14.8



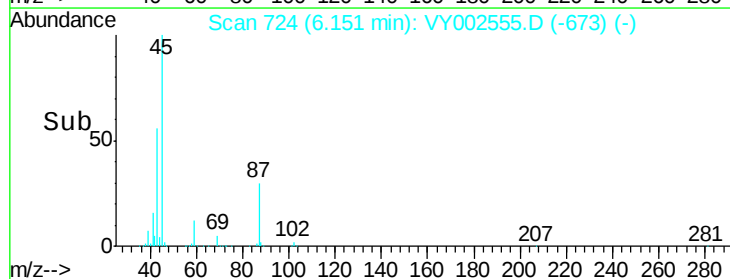
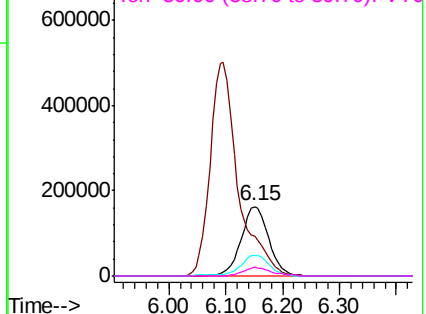
Abundance

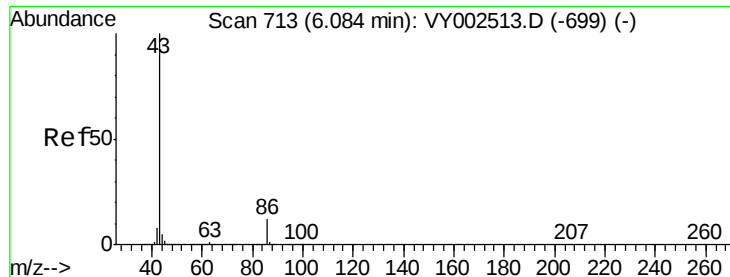
Ion 45.00 (44.70 to 45.70): VY0

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: 277.444 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

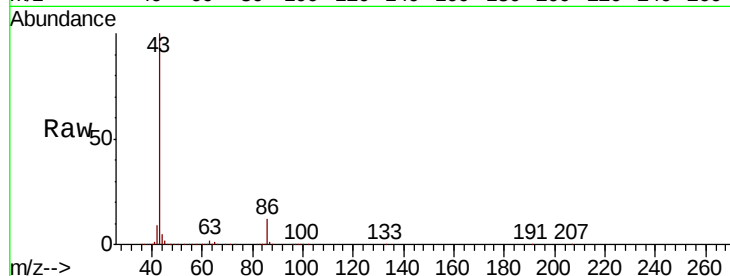
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1711936

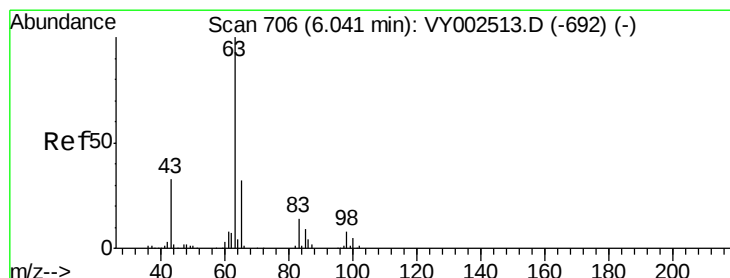
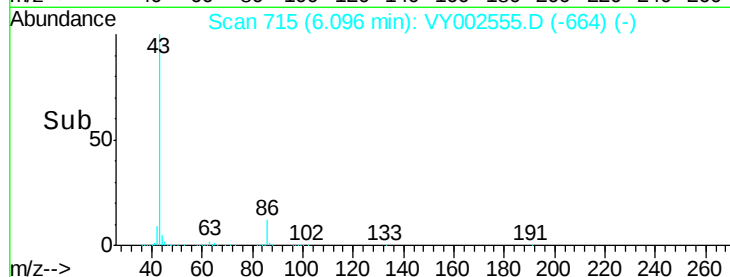
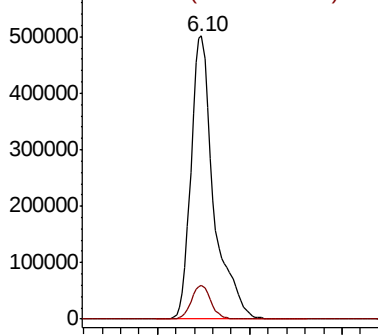
Ion Ratio Lower Upper

43 100

86 12.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.956 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

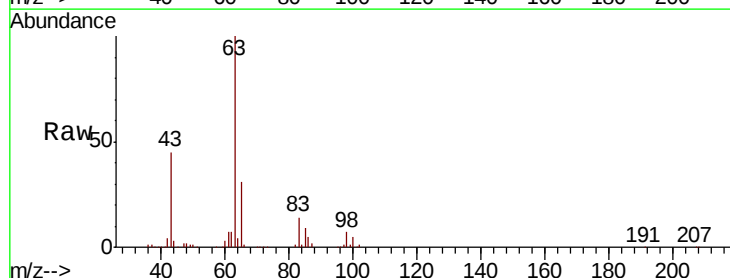
Tgt Ion: 63 Resp: 324792

Ion Ratio Lower Upper

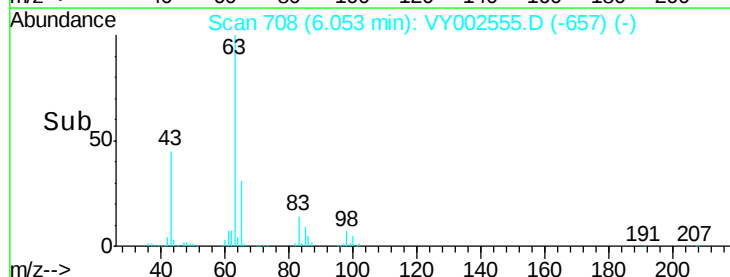
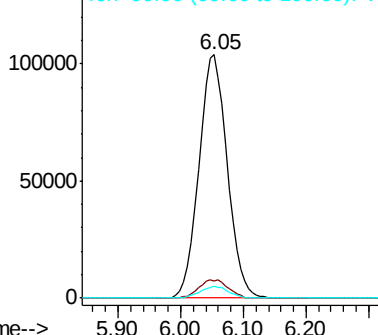
63 100

98 7.0 3.9 11.7

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

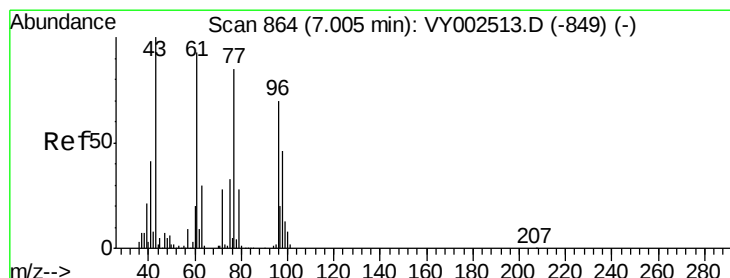
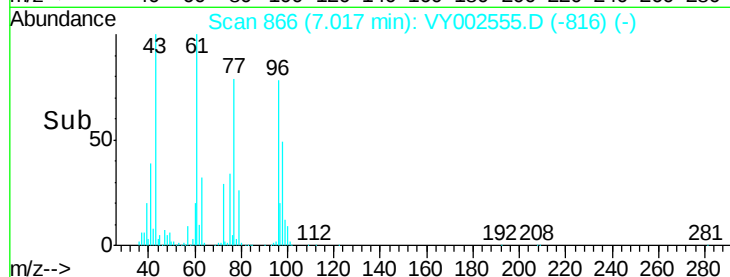
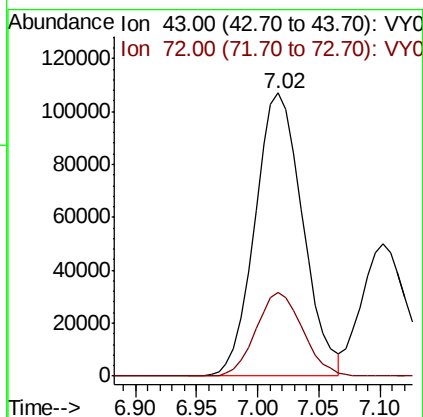
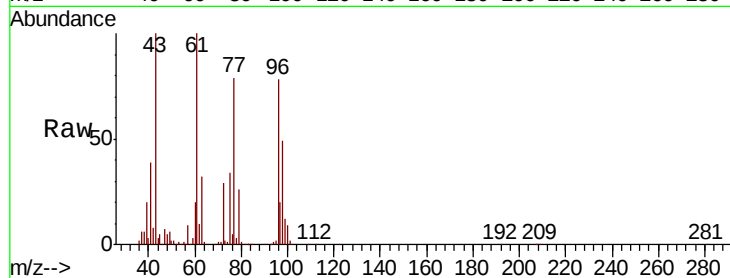




#25
2-Butanone
Concen: 264.012 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

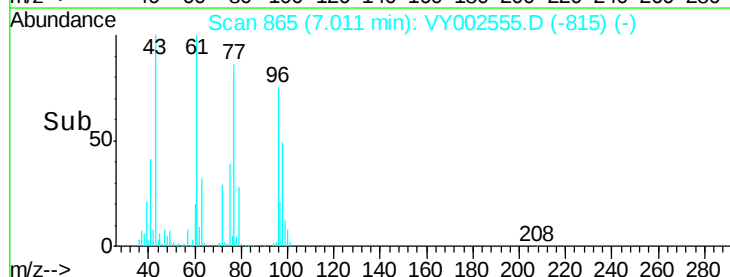
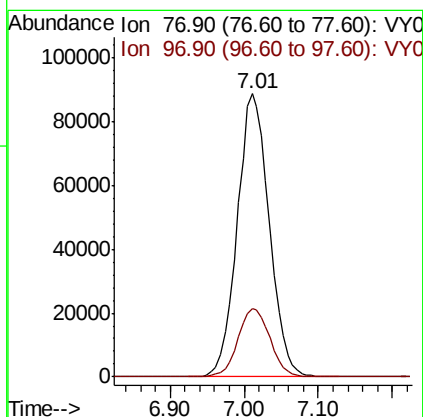
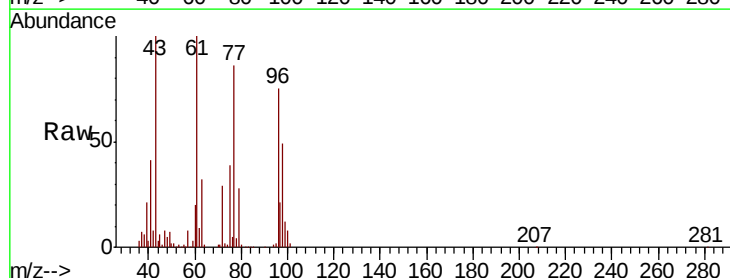
Instrument :
MSVOA_Y
ClientSampled :

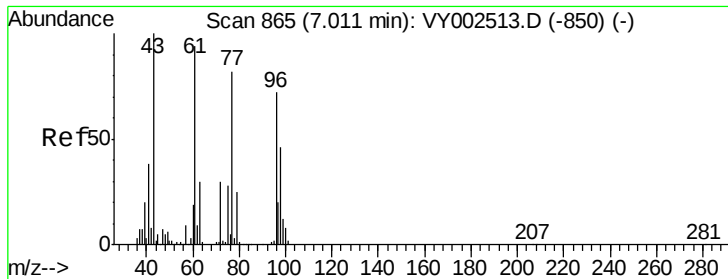
Tot Ion: 43 Resp: 289925
Ion Ratio Lower Upper
43 100
72 29.4 24.1 36.1



#26
2,2-Dichloropropane
Concen: 48.379 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 77 Resp: 266921
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5



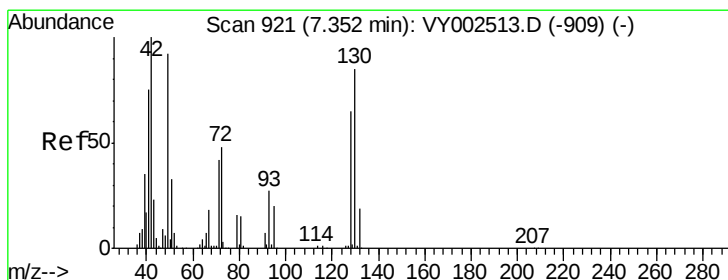
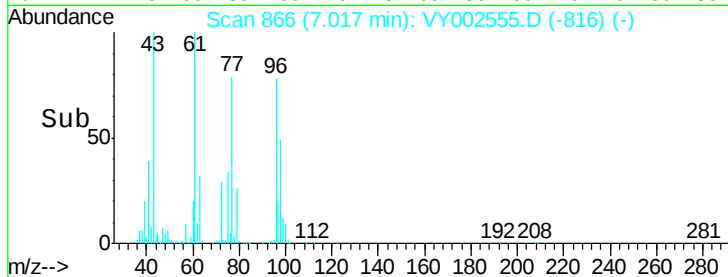
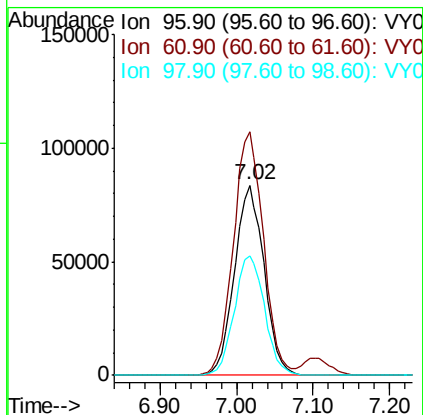
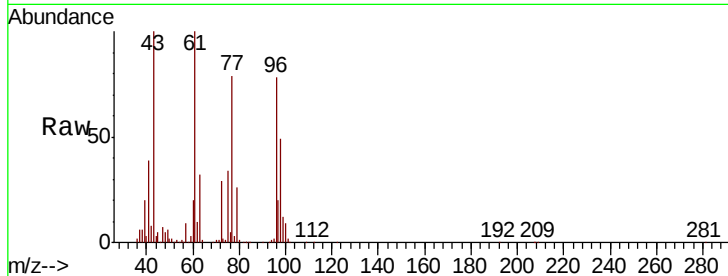


#27

cis-1,2-Dichloroethene
 Concen: 55.711 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Instrument :
 MSVOA_Y
 ClientSampled :

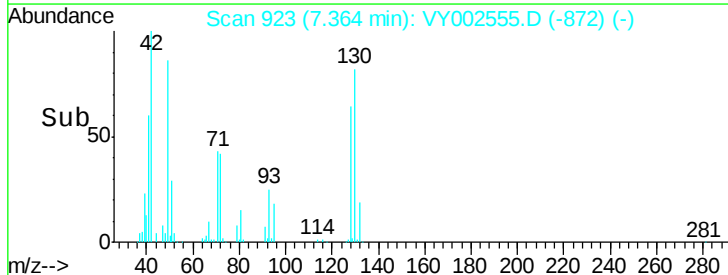
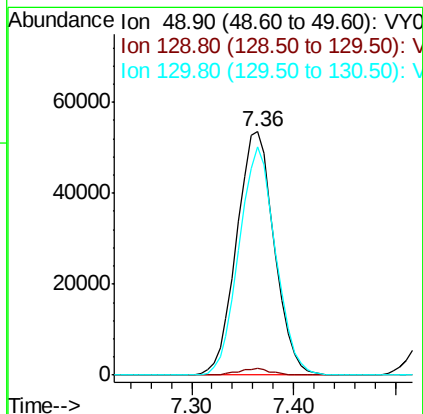
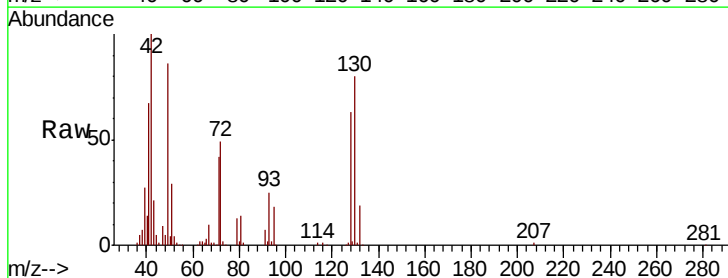
Tot Ion	96	Resp	224230
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	266.6
98	64.1	0.0	129.2

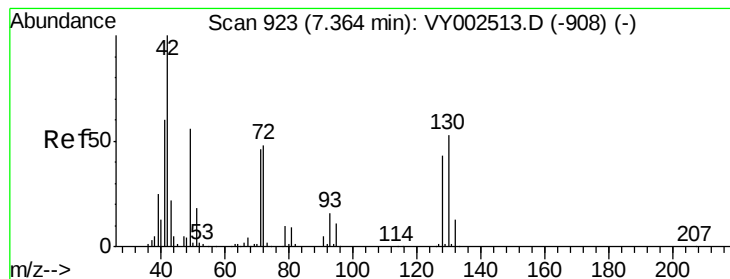


#28

Bromochloromethane
 Concen: 57.740 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion	49	Resp	137317
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	91.2	72.5	108.7





#29

Tetrahydrofuran

Concen: 269.763 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :
MSVOA_Y
ClientSampled :

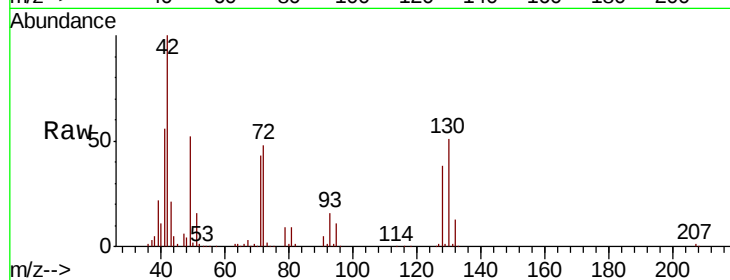
Tot Ion: 42 Resp: 195998

Ion Ratio Lower Upper

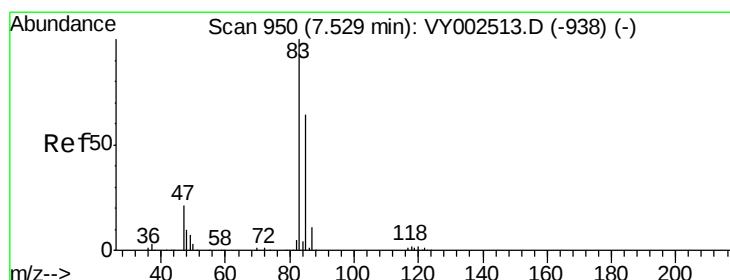
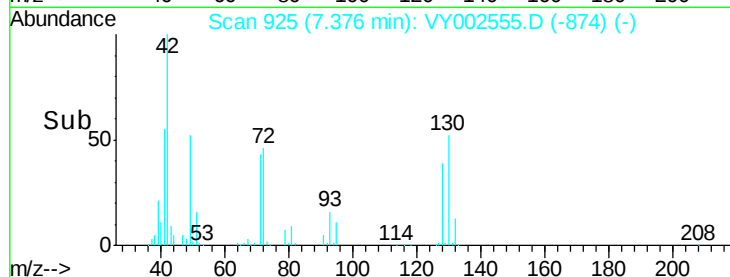
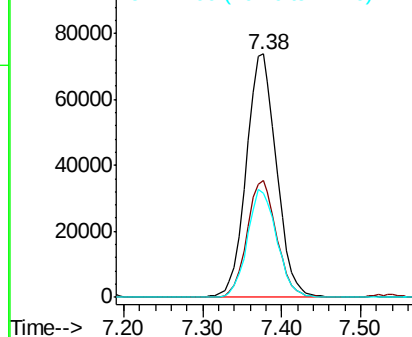
42 100

72 47.0 37.4 56.2

71 43.3 35.0 52.4



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: 54.798 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002555.D

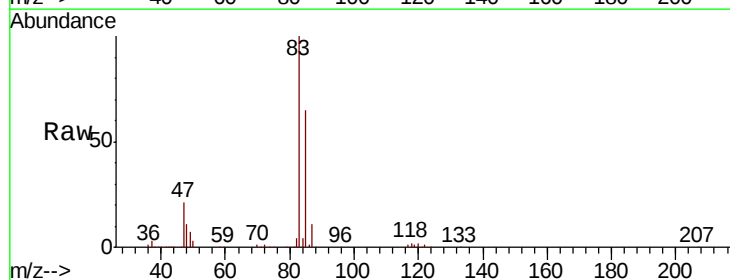
Acq: 04 May 2020 21:33

Tgt Ion: 83 Resp: 330719

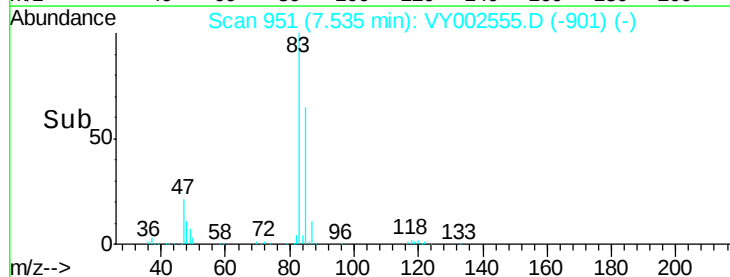
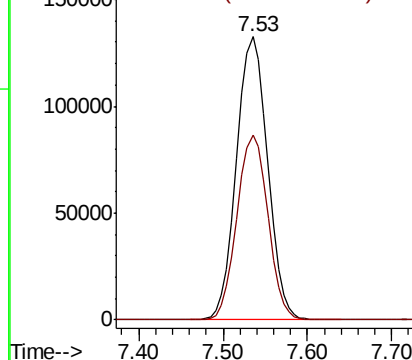
Ion Ratio Lower Upper

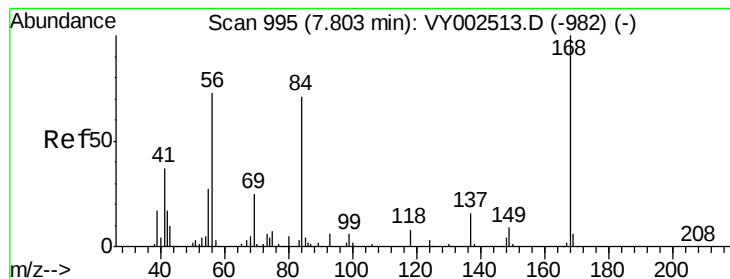
83 100

85 65.1 51.5 77.3



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





#31

Cyclohexane

Concen: 51.284 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :
MSVOA_Y
ClientSampled :

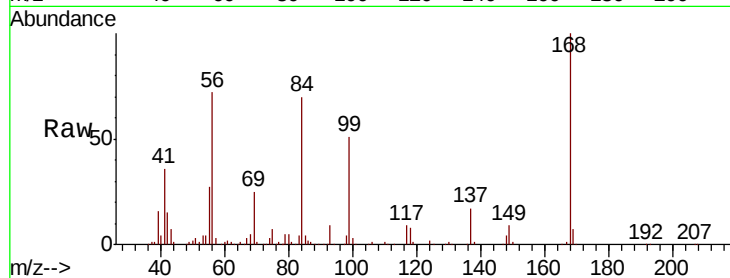
Tot Ion: 56 Resp: 299635

Ion Ratio Lower Upper

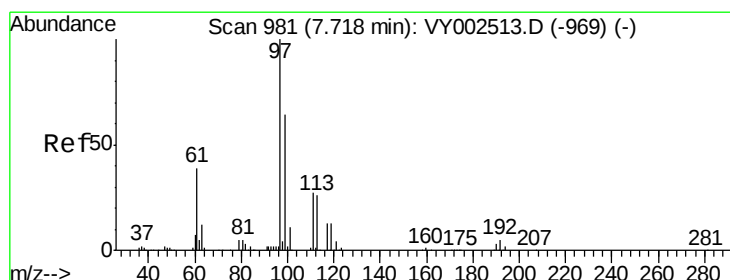
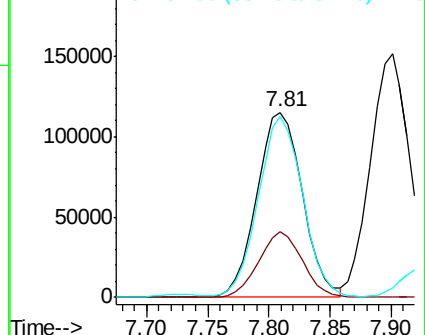
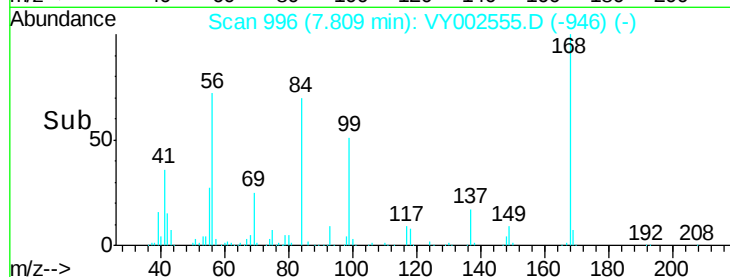
56 100

69 35.3 27.6 41.4

84 96.1 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: 53.189 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

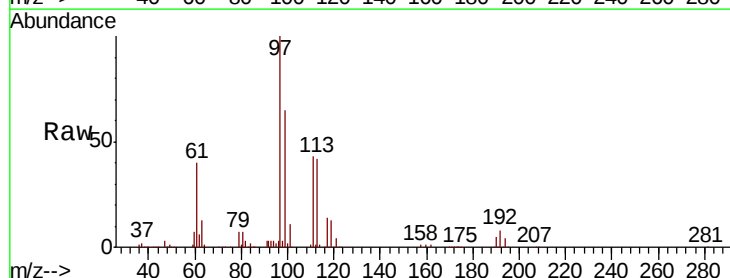
Tgt Ion: 97 Resp: 298369

Ion Ratio Lower Upper

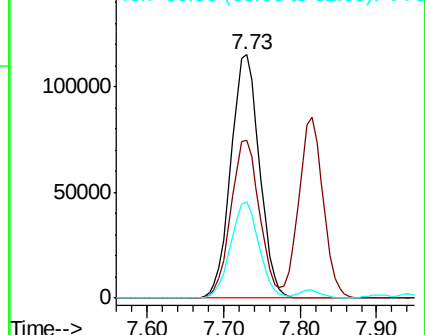
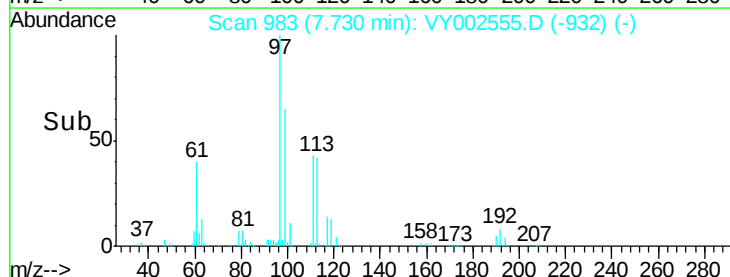
97 100

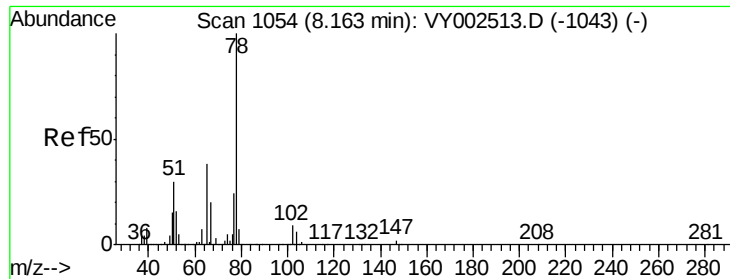
99 64.6 51.9 77.9

61 39.3 31.0 46.6



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

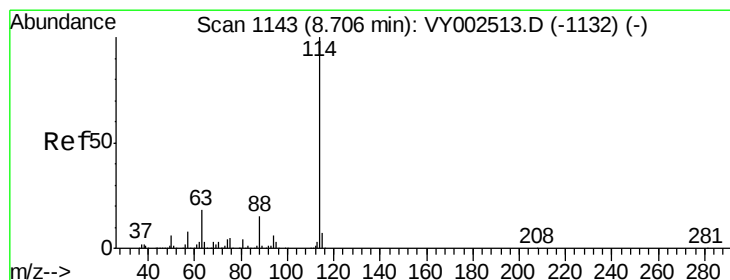
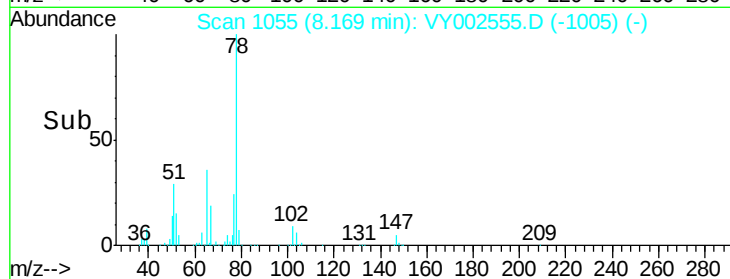
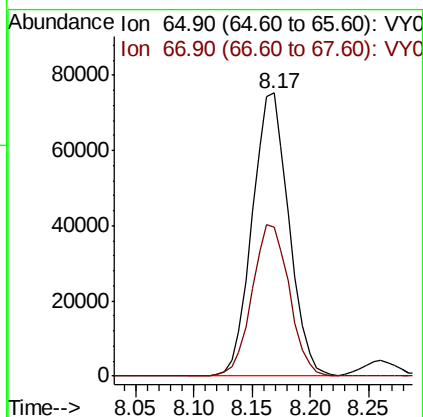
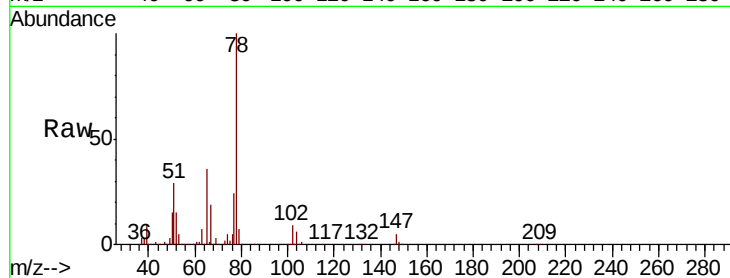




#33
 1,2-Dichloroethane-d4
 Concen: 50.922 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

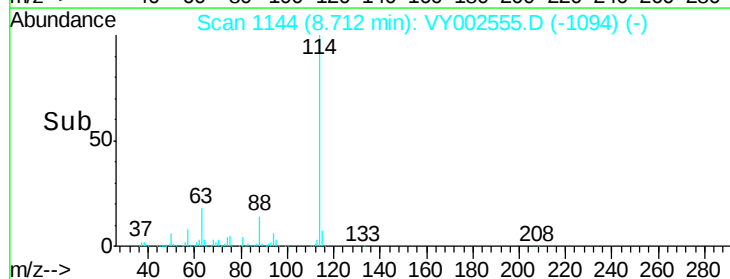
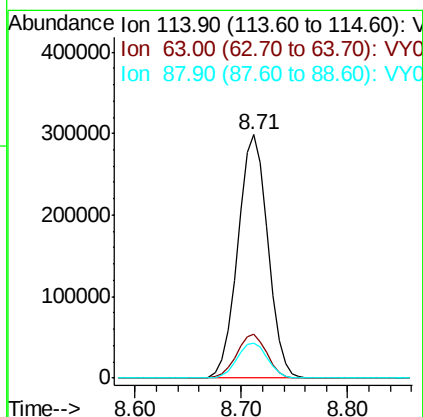
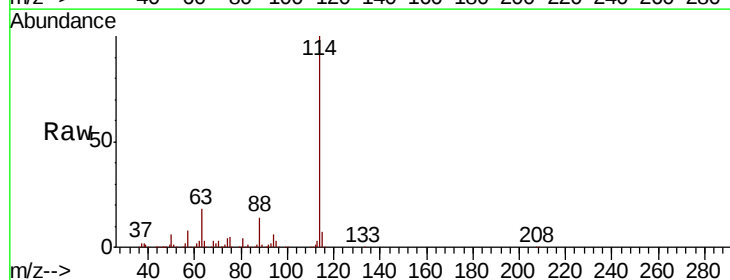
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.4
88	14.2	0.0	29.6

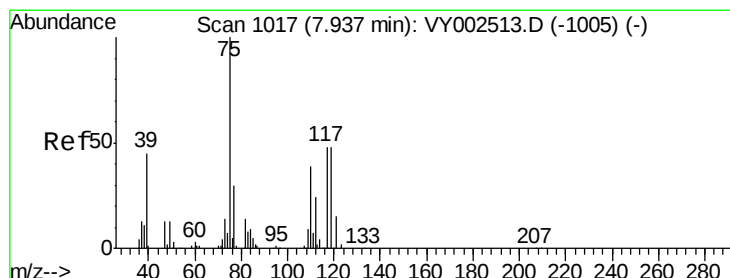
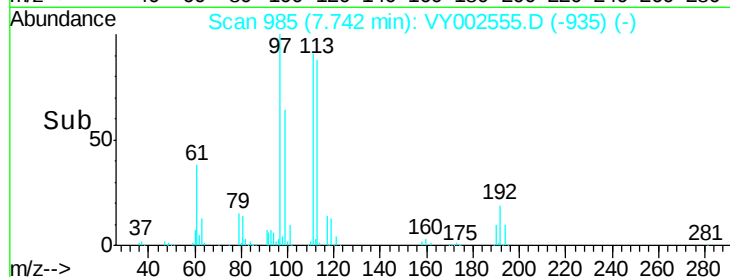
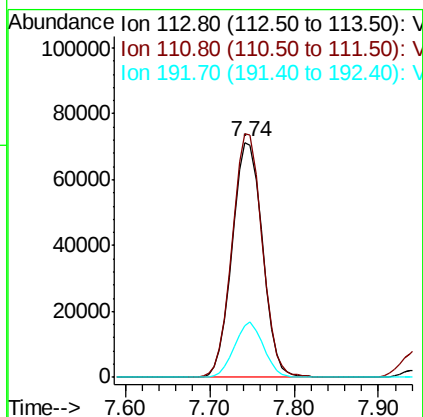
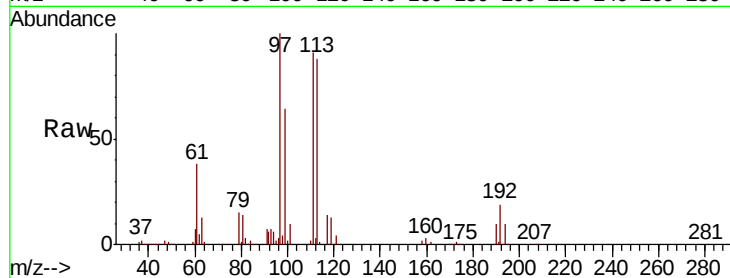




#35
 Dibromofluoromethane
 Concen: 51.399 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

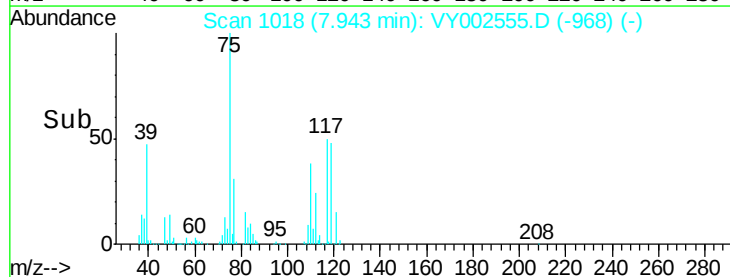
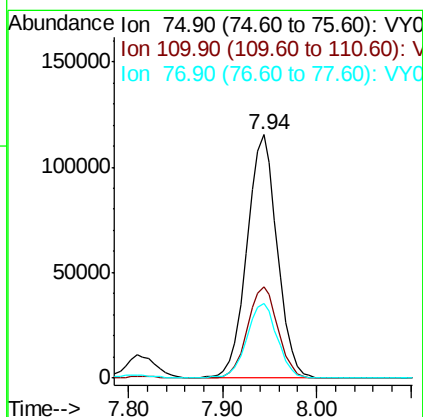
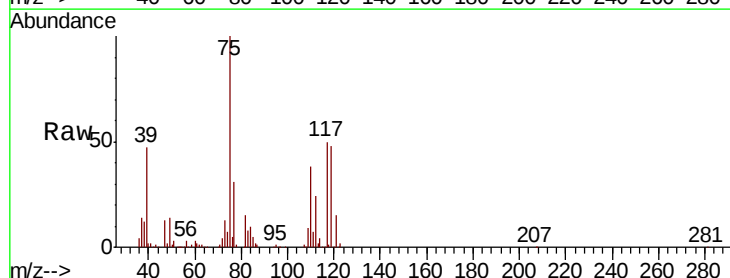
Instrument :
 MSVOA_Y
 ClientSampleId :

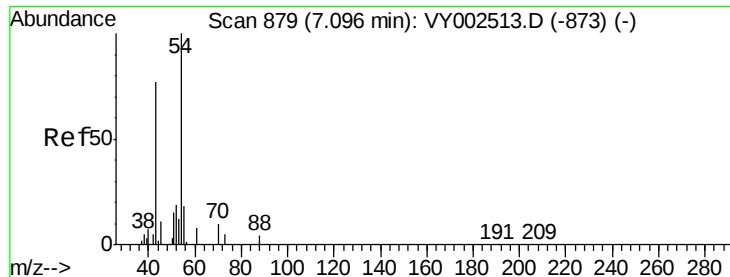
Tot Ion:113 Resp: 173689
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 22.6 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 52.557 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion: 75 Resp: 260335
 Ion Ratio Lower Upper
 75 100
 110 37.8 19.1 57.3
 77 31.1 24.6 37.0

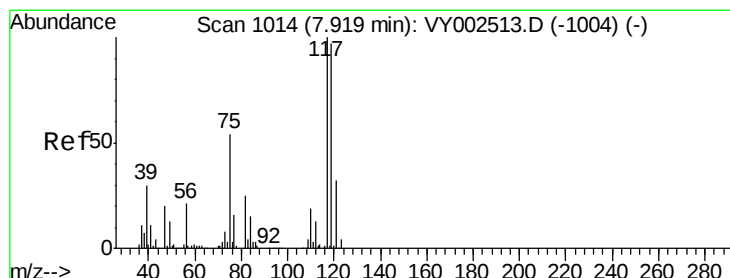
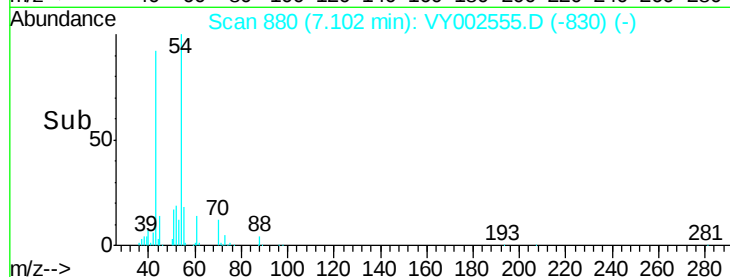
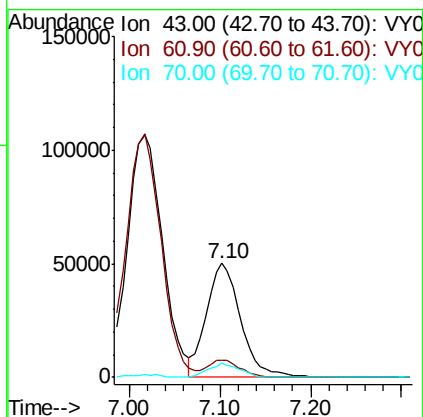
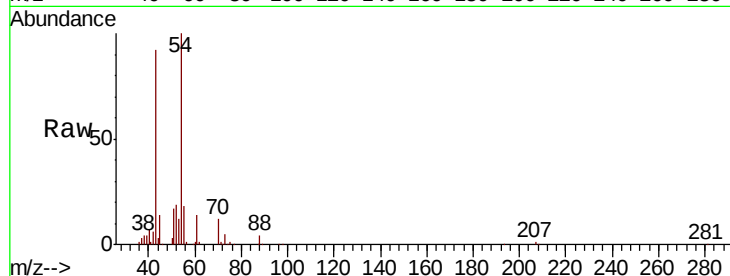




#37
Ethyl Acetate
Concen: 52.038 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

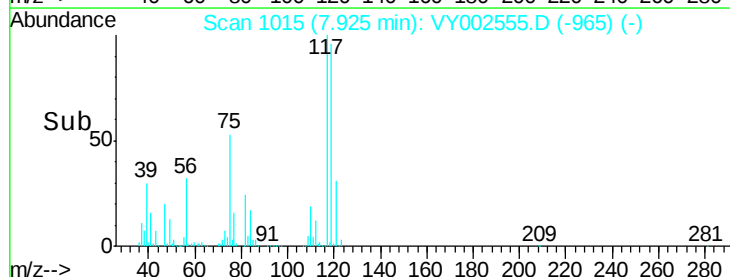
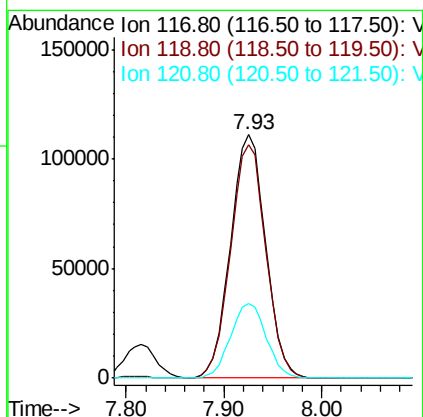
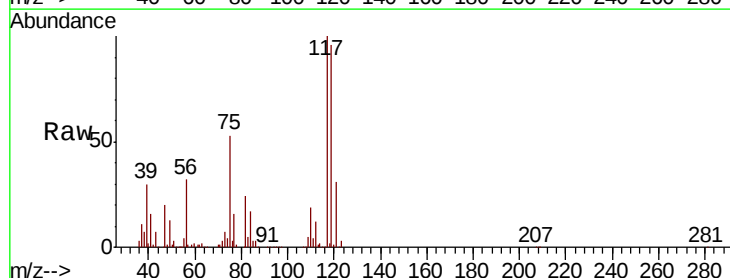
Instrument :
MSVOA_Y
ClientSampleId :

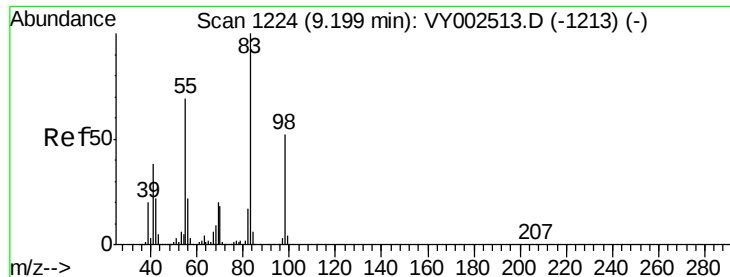
Tot Ion: 43 Resp: 132459
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 51.043 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 117 Resp: 276039
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
121 30.9 25.2 37.8

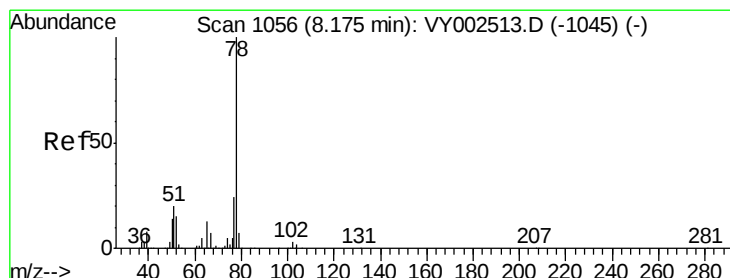
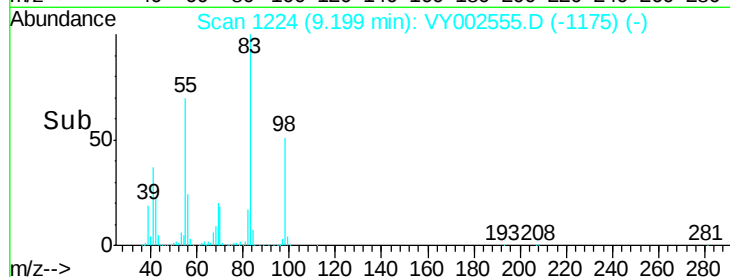
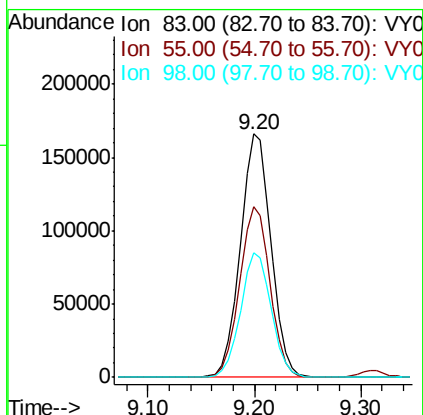
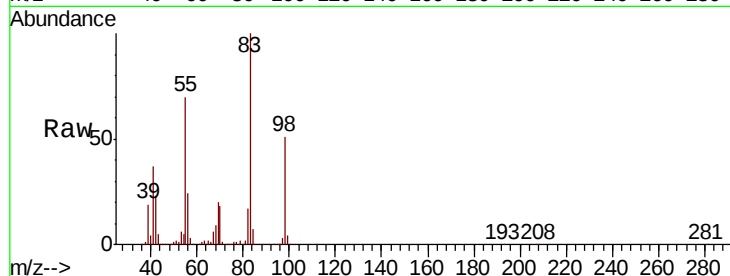




#39
Methvlcvclohexane
Concen: 51.259 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

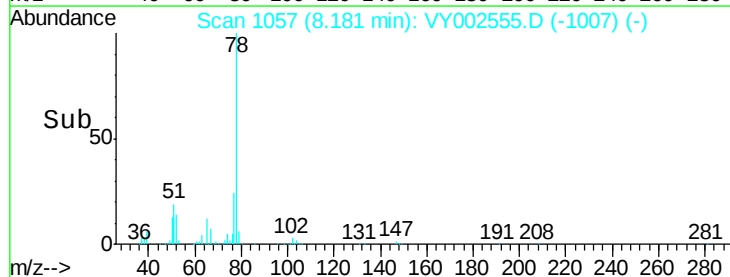
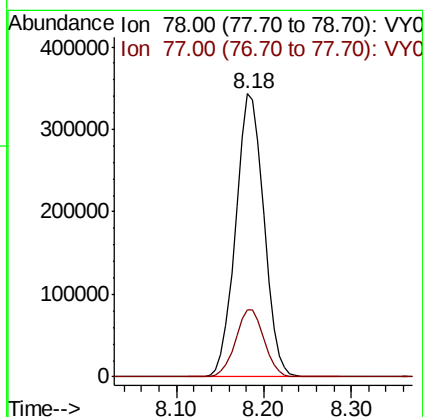
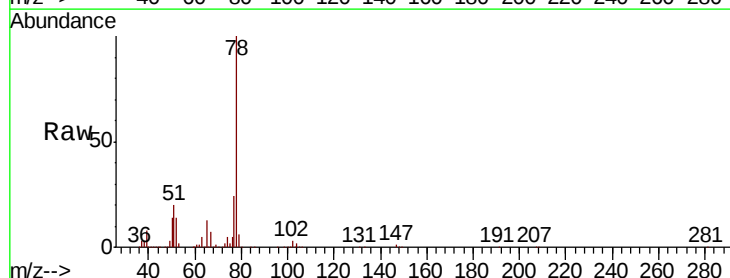
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 335364
Ion Ratio Lower Upper
83 100
55 70.2 55.4 83.0
98 51.3 41.3 61.9



#40
Benzene
Concen: 53.745 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 78 Resp: 768907
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

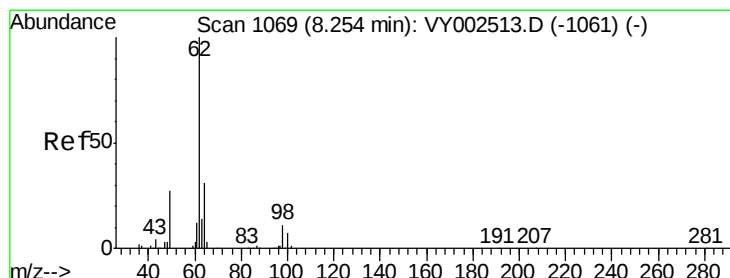
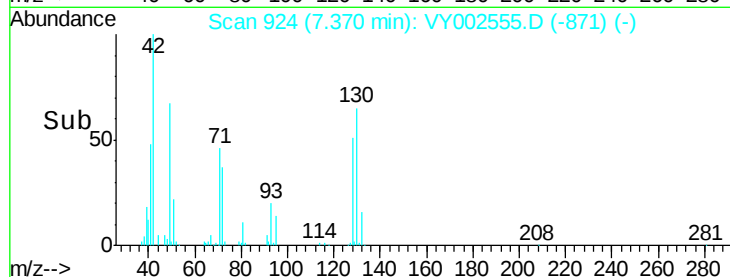
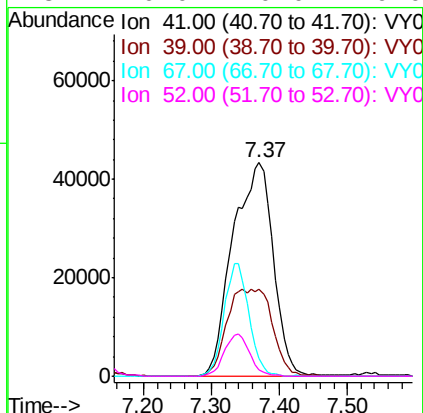
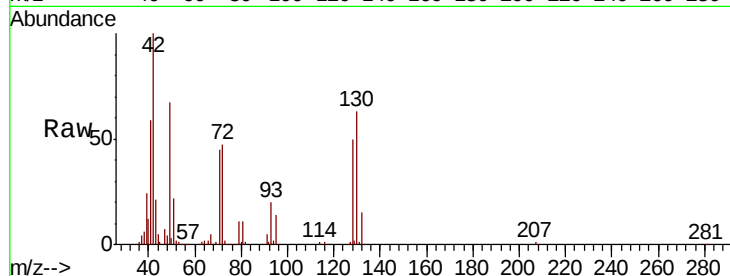




#41
Methacrylonitrile
Concen: 131.091 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

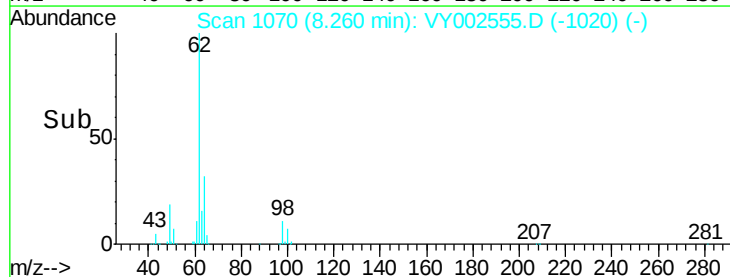
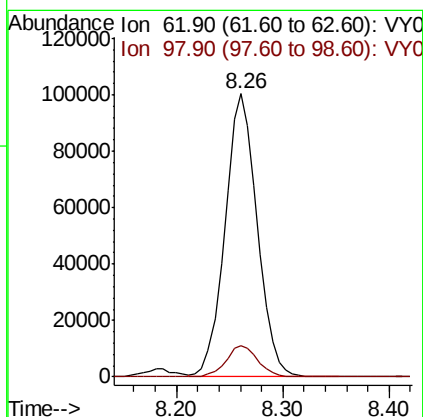
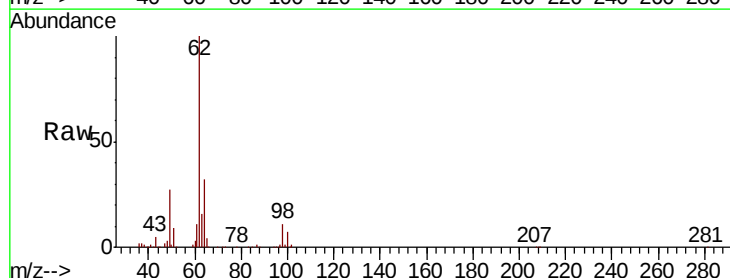
Instrument :
MSVOA_Y
ClientSampleId :

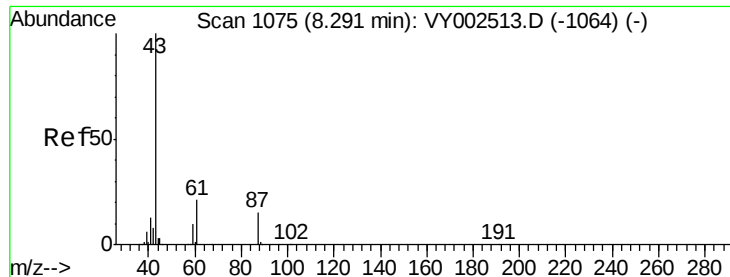
Tot Ion: 41 Resp: 179411
Ion Ratio Lower Upper
41 100
39 0.0 83.1 124.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.777 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 62 Resp: 211791
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.0



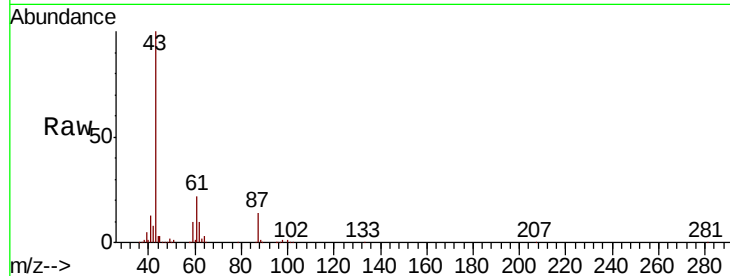


#43

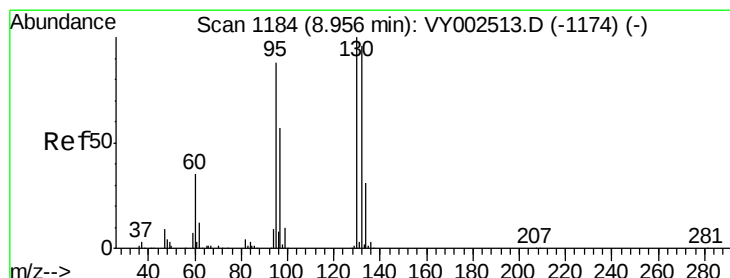
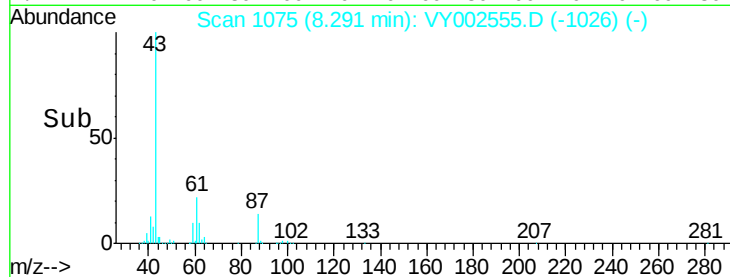
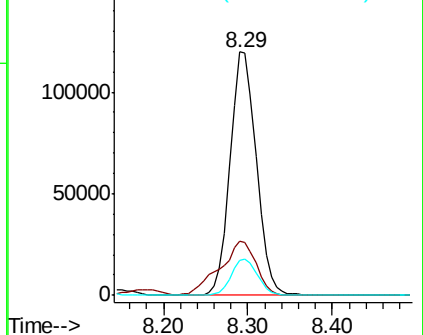
Isopropyl Acetate
 Concen: 52.905 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	252462
Ion Ratio	Lower	Upper	
43	100		
61	31.0	24.8	37.2
87	15.0	12.2	18.2



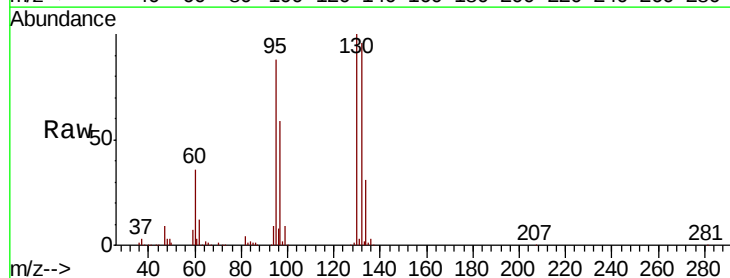
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



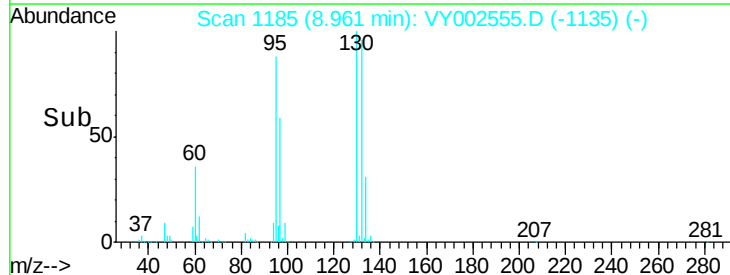
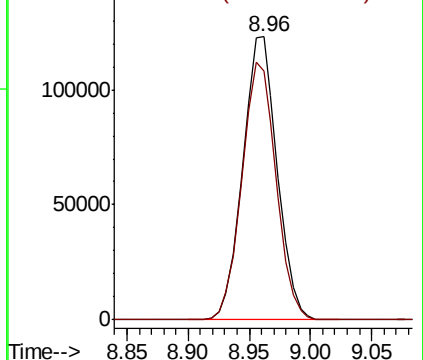
#44

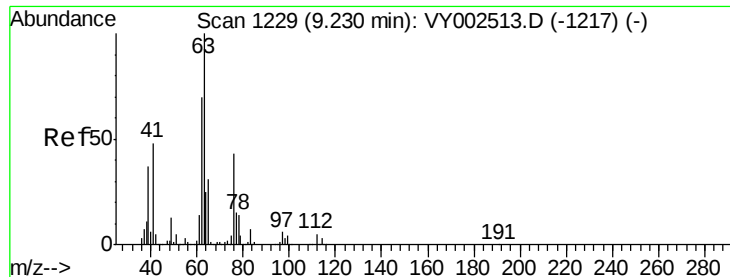
Trichloroethene
 Concen: 53.712 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion	130	Resp	240144
Ion Ratio	Lower	Upper	
130	100		
95	87.8	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 54.060 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

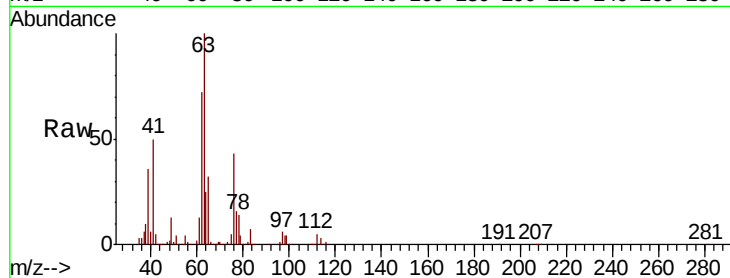
ClientSampled :

Tot Ion: 63 Resp: 186657

Ion Ratio Lower Upper

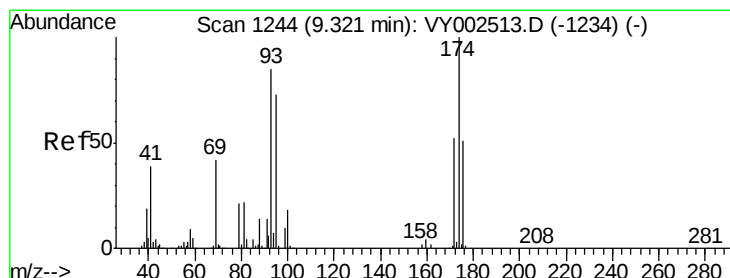
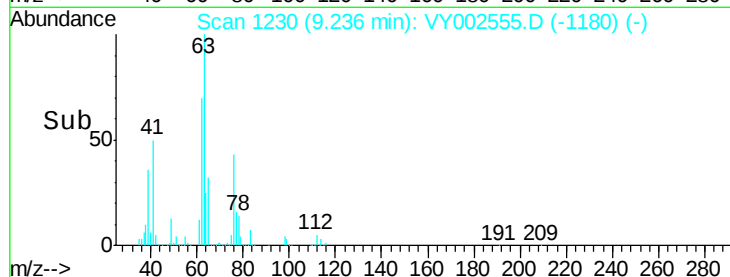
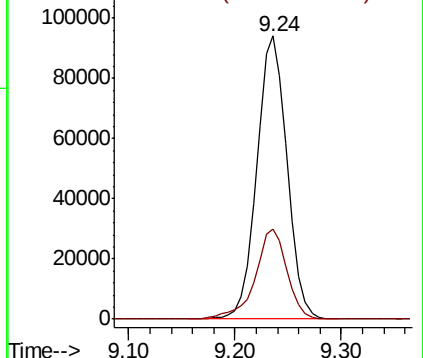
63 100

65 31.8 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 53.726 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

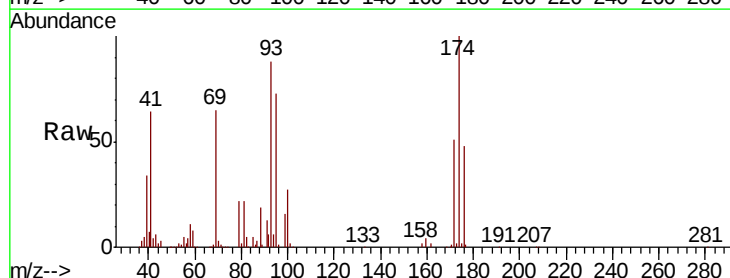
Tgt Ion: 93 Resp: 106733

Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.4

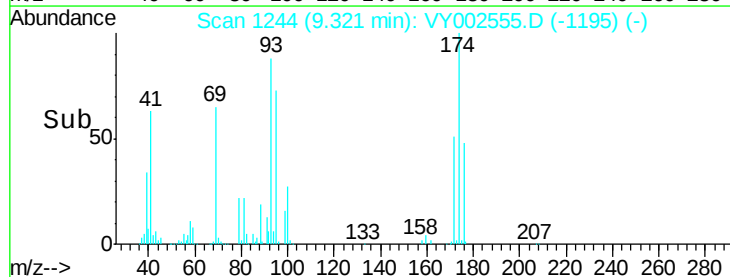
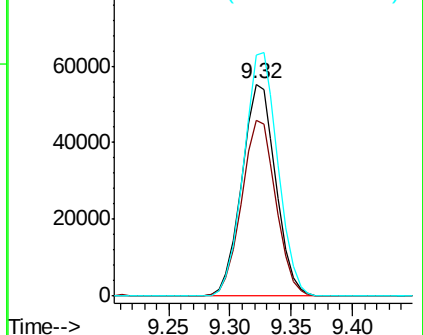
174 115.5 92.7 139.1

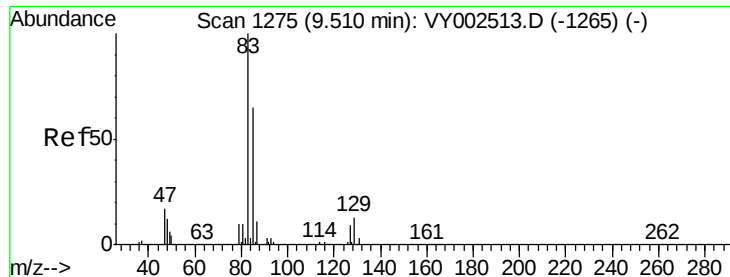


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.662 ug/l

RT: 9.52 min Scan# 1276

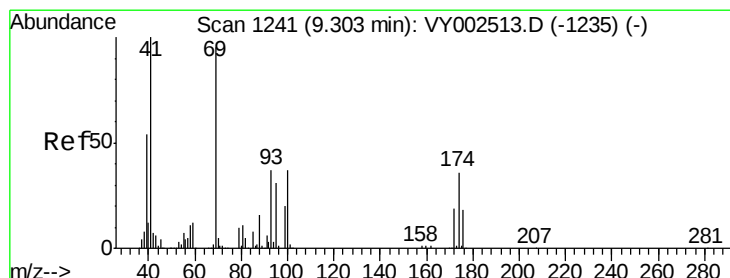
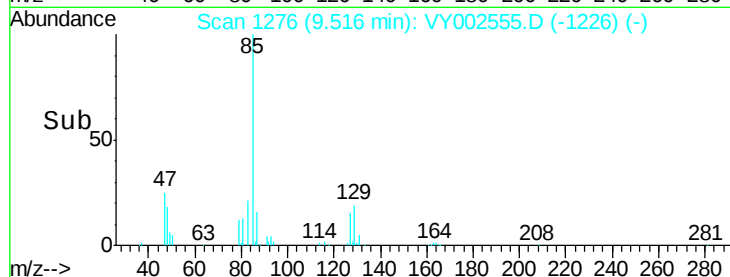
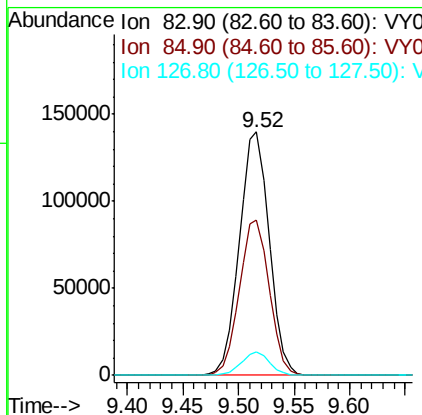
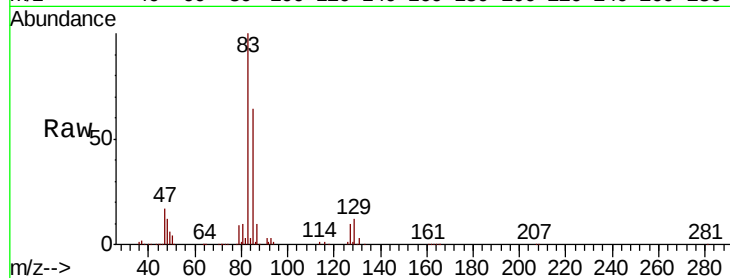
Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	83	Resp:	259213
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	9.6	7.4	11.0



#48

Methyl methacrylate

Concen: 53.065 ug/l

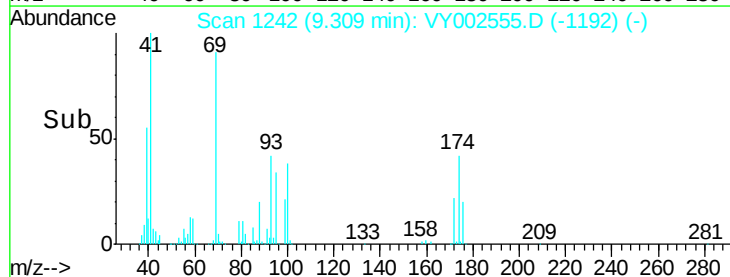
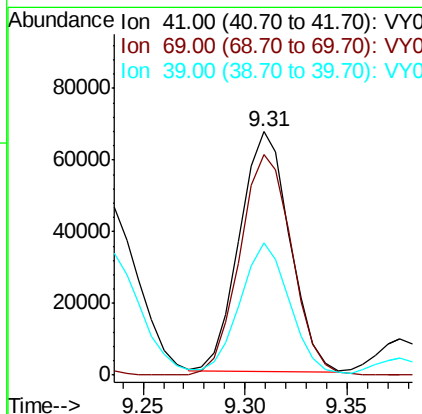
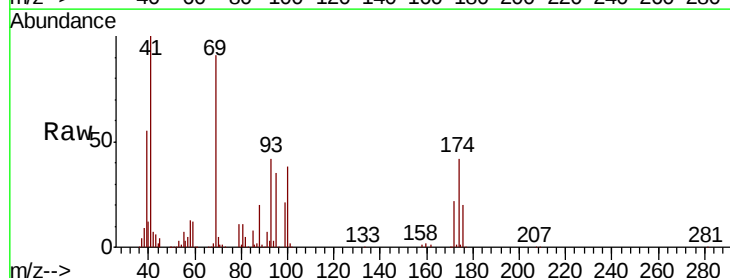
RT: 9.31 min Scan# 1242

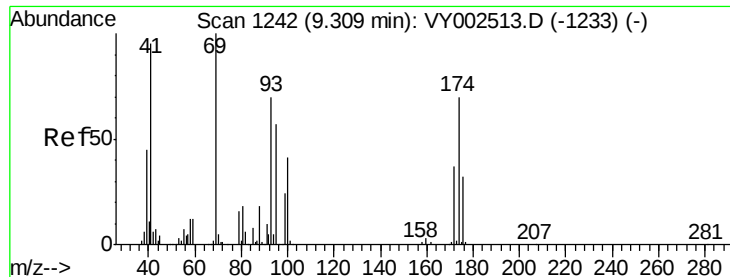
Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Tgt Ion:	41	Resp:	114601
Ion	Ratio	Lower	Upper
41	100		
69	95.6	76.2	114.4
39	52.5	42.7	64.1

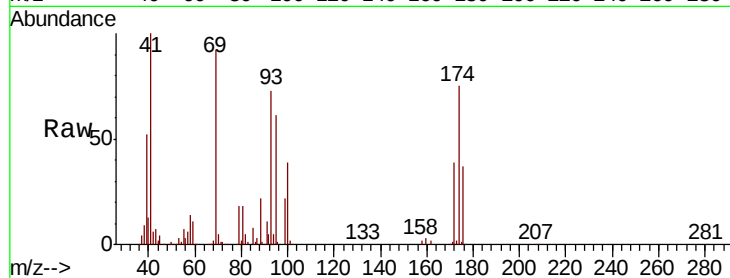




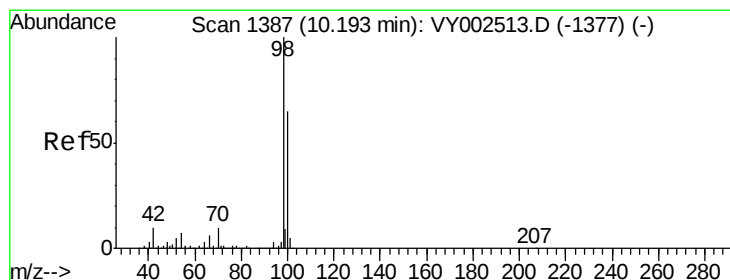
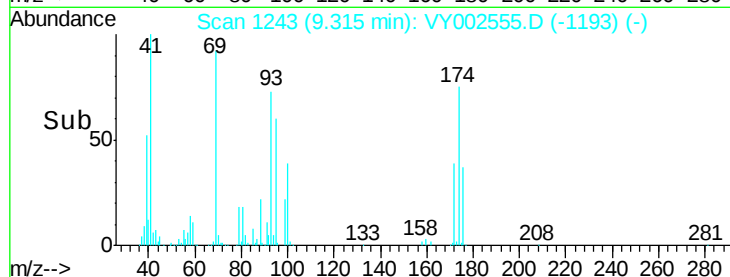
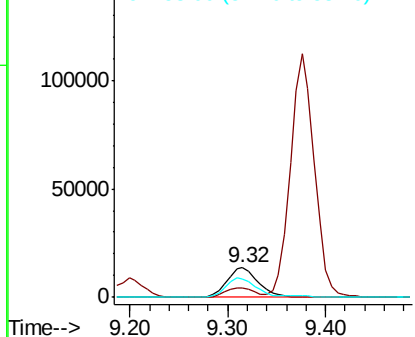
#49
1,4-Dioxane
Concen: 1154.228 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 30360
Ion Ratio Lower Upper
88 100
43 28.1 22.8 34.2
58 66.3 51.4 77.2

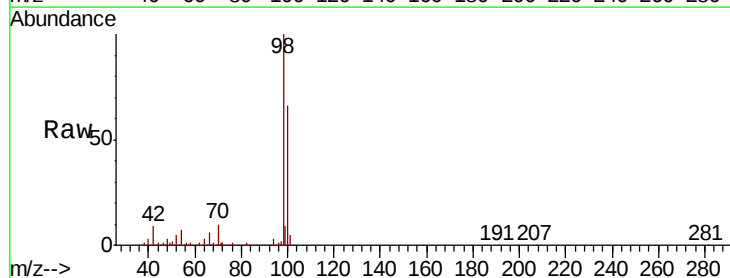


Abundance Ion 88.00 (87.70 to 88.70): VY0
150000 Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

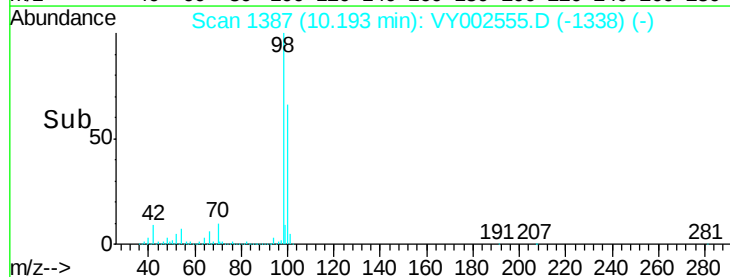
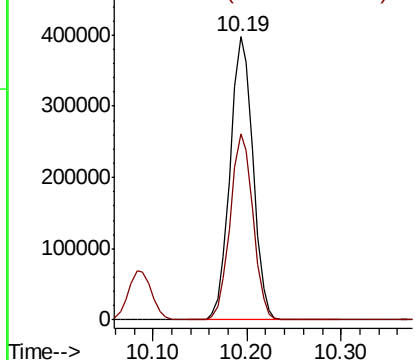


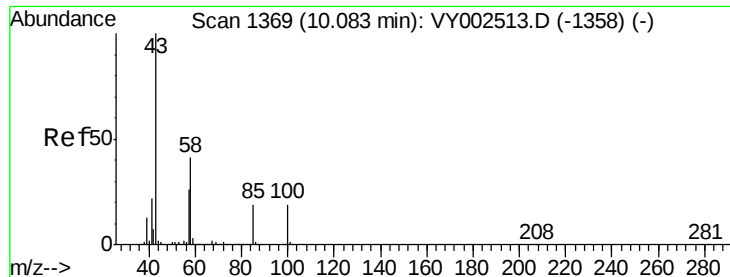
#50
Toluene-d8
Concen: 50.724 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 98 Resp: 669376
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
400000 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 264.874 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

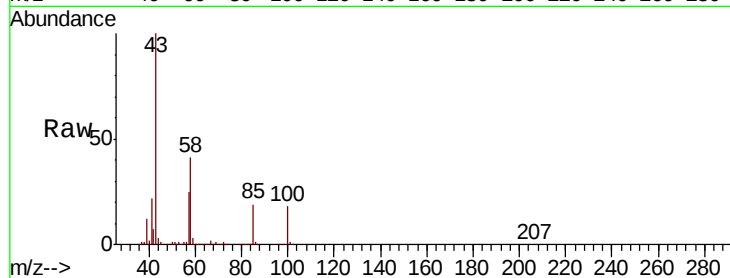
ClientSampled :

Tot Ion: 43 Resp: 651498

Ion Ratio Lower Upper

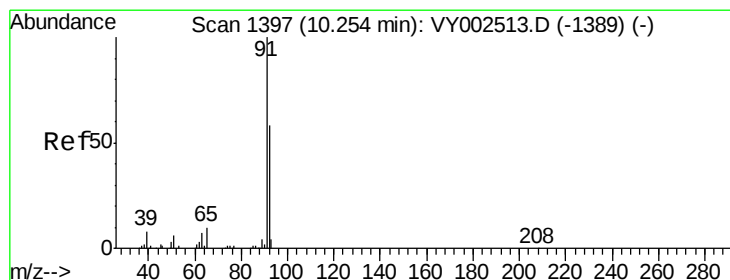
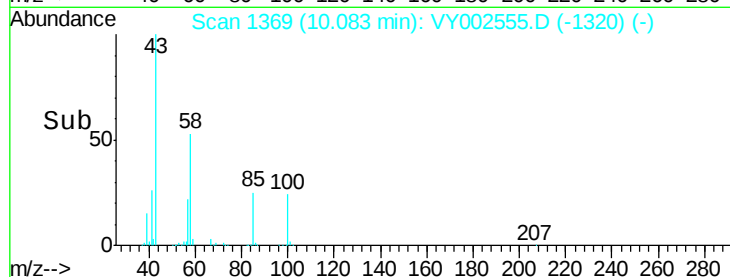
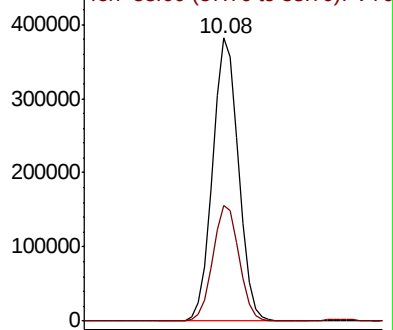
43 100

58 41.5 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.301 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002555.D

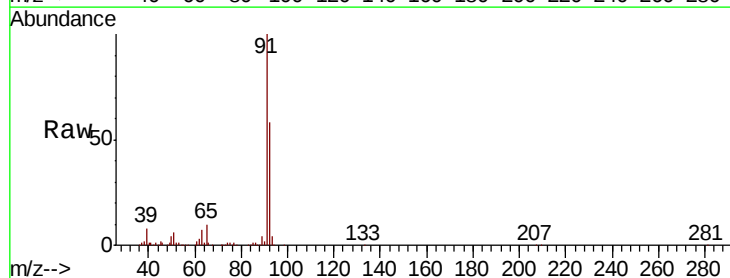
Acq: 04 May 2020 21:33

Tgt Ion: 92 Resp: 490068

Ion Ratio Lower Upper

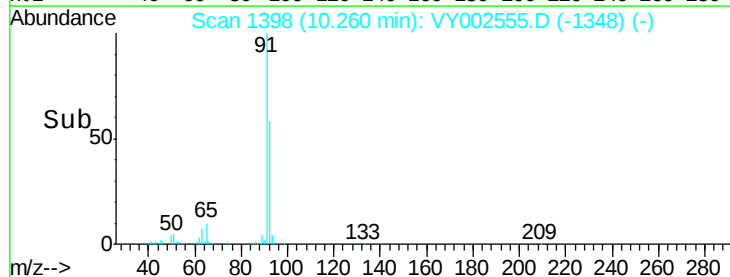
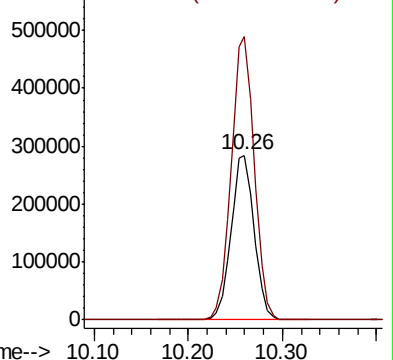
92 100

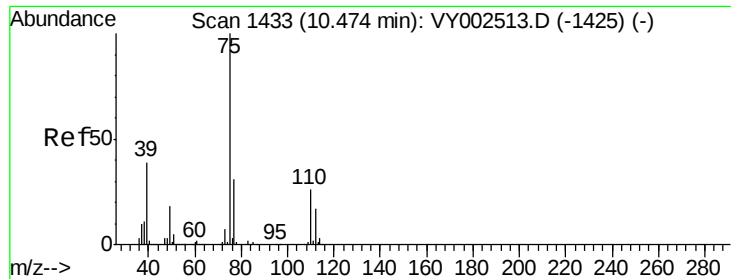
91 172.3 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 52.757 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

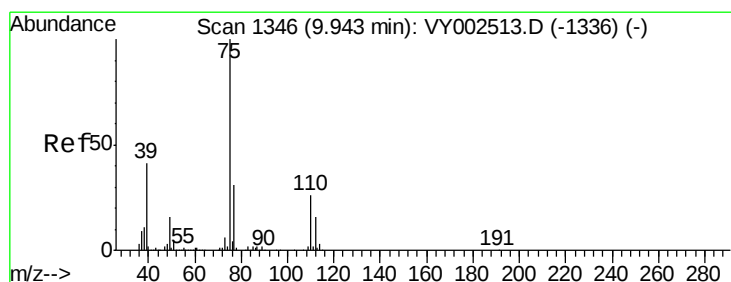
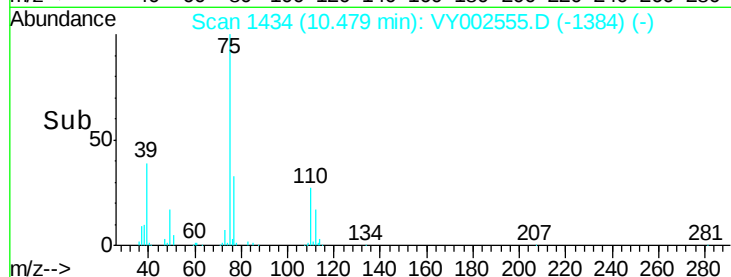
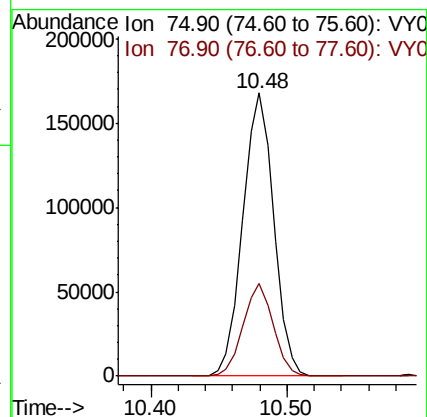
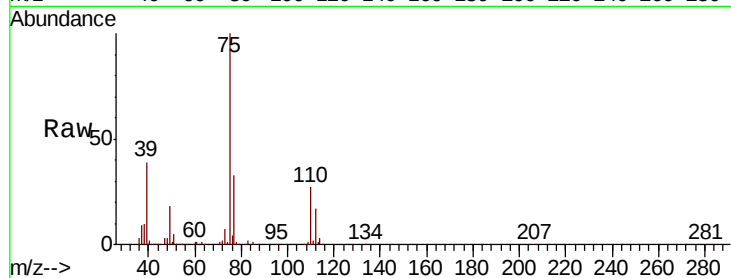
ClientSampleId :

Tot Ion: 75 Resp: 267012

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.980 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

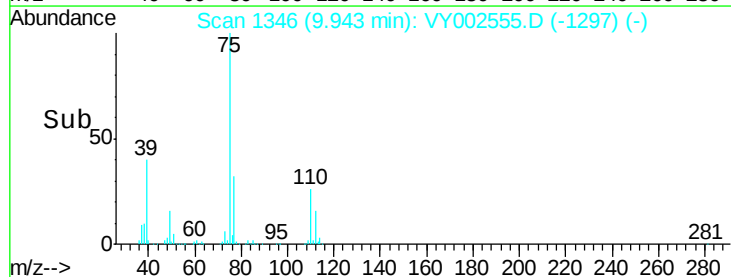
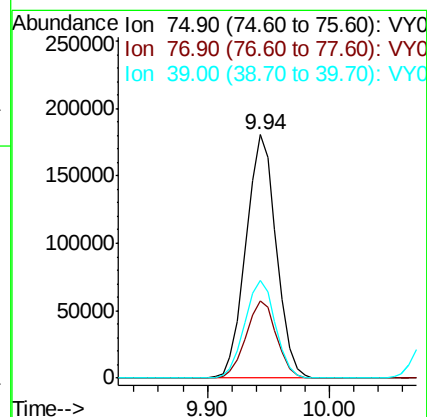
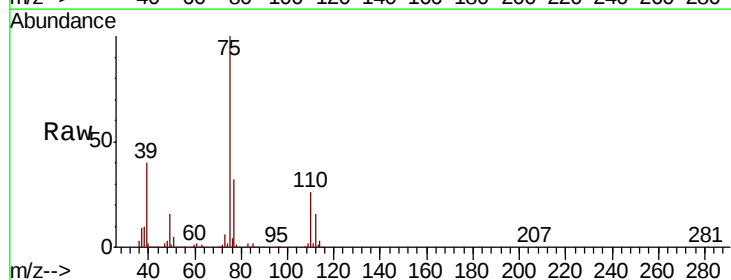
Tgt Ion: 75 Resp: 309984

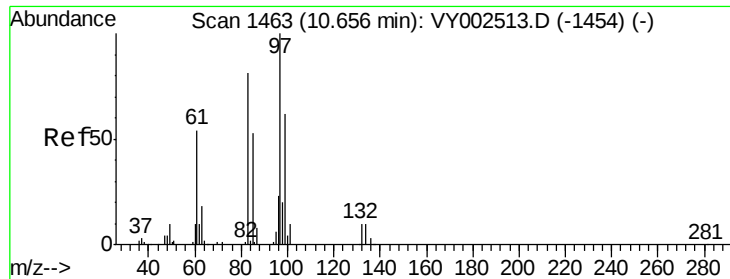
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 40.3 32.7 49.1

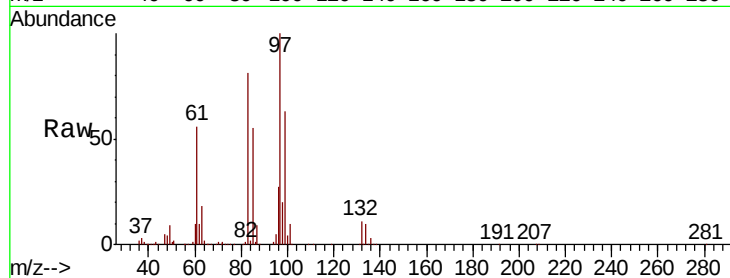




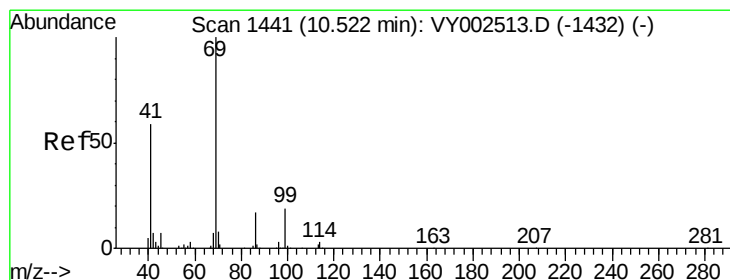
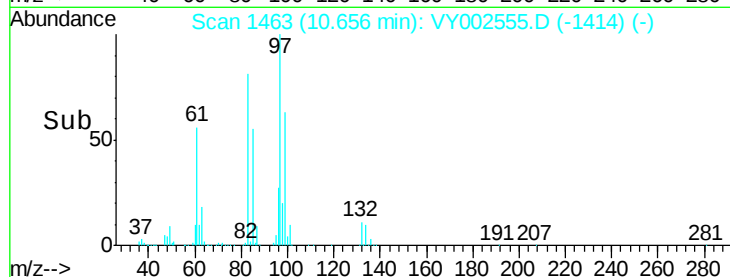
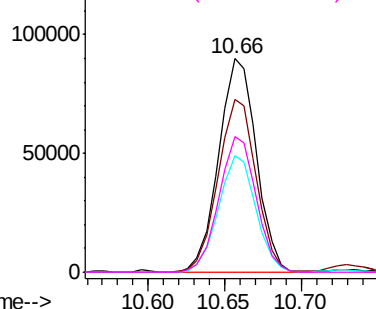
#55
 1,1,2-Trichloroethane
 Concen: 53.203 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	154130
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.1	97.7
85	54.6	42.7	64.1
99	63.3	50.0	75.0

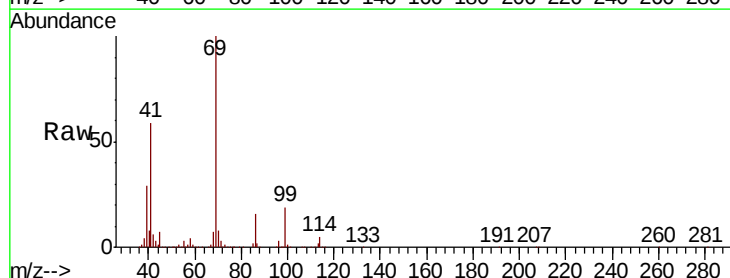


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

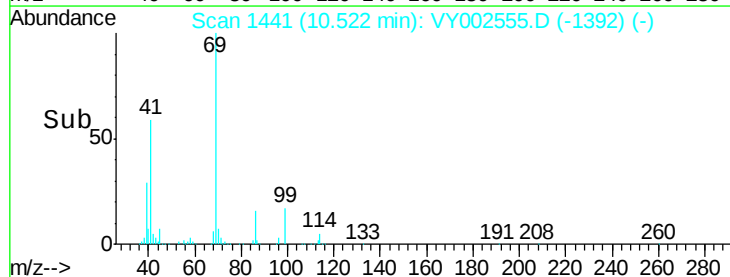
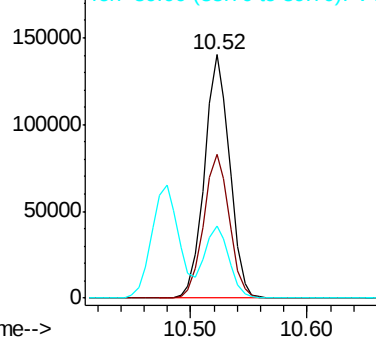


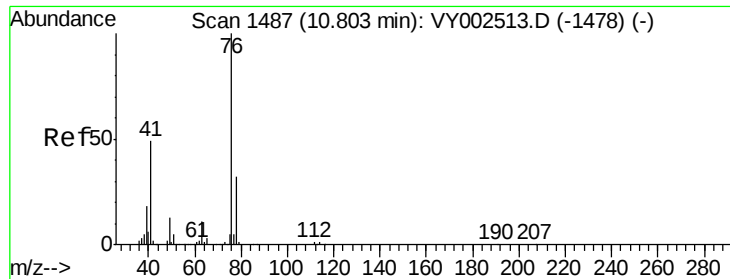
#56
 Ethyl methacrylate
 Concen: 54.715 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion:	69	Resp:	210869
Ion	Ratio	Lower	Upper
69	100		
41	60.3	48.6	73.0
39	28.2	25.0	37.4



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





#57

1,3-Dichloropropane

Concen: 52.920 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

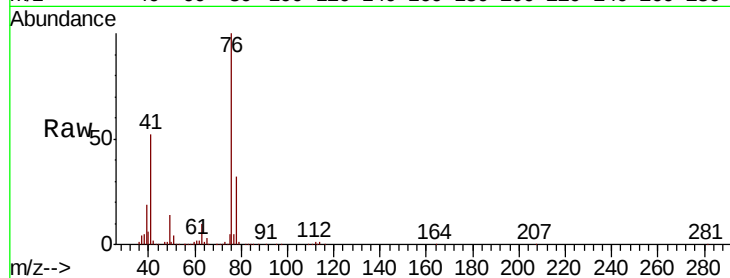
ClientSampleId :

Tot Ion: 76 Resp: 259989

Ion Ratio Lower Upper

76 100

78 32.5 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

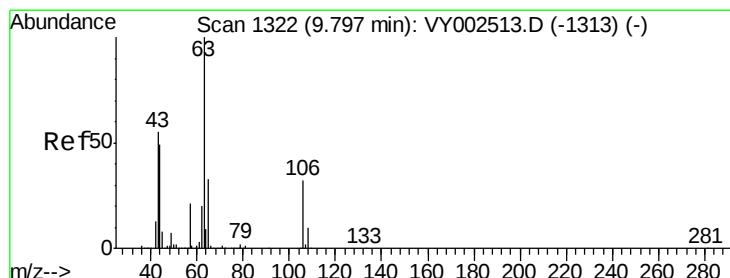
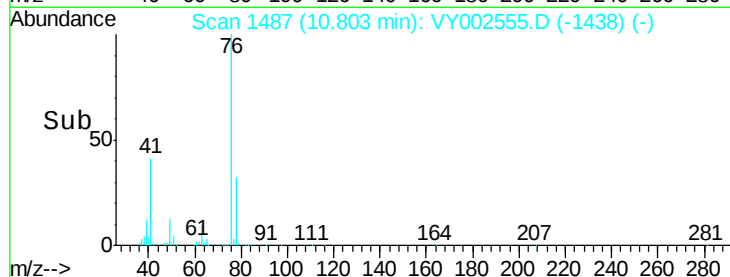
150000

100000

50000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 272.628 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002555.D

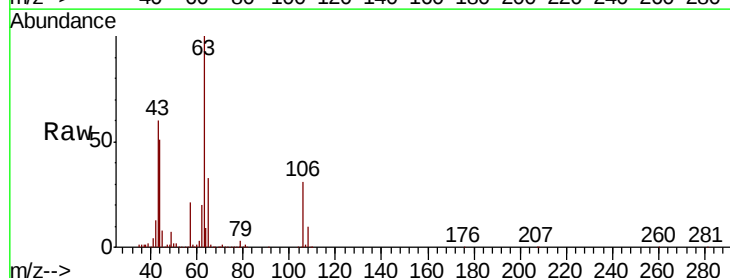
Acq: 04 May 2020 21:33

Tgt Ion: 63 Resp: 554085

Ion Ratio Lower Upper

63 100

106 31.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.80

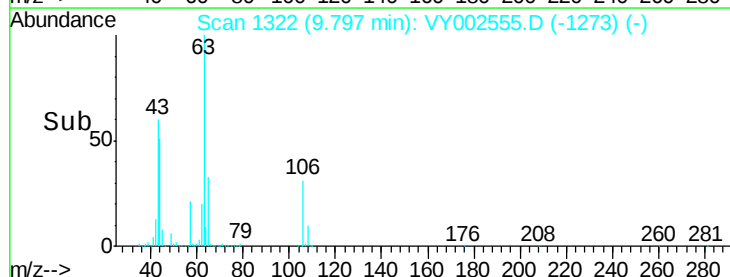
300000

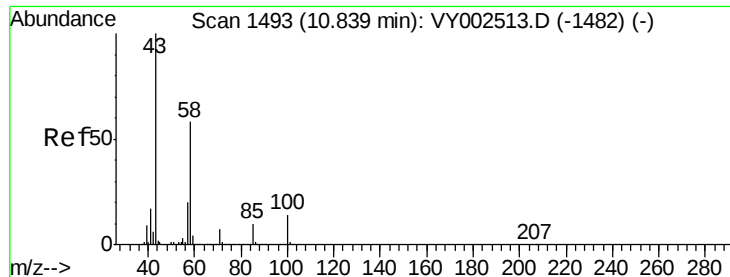
200000

100000

0

Time--> 9.70 9.75 9.80 9.85

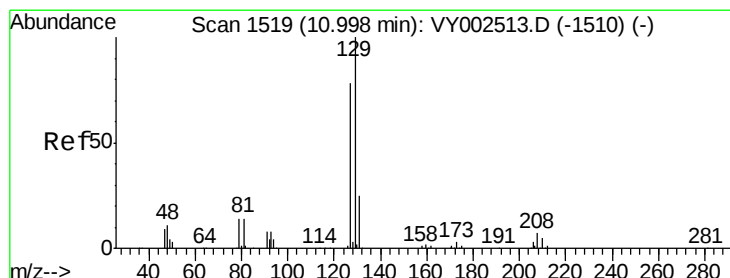
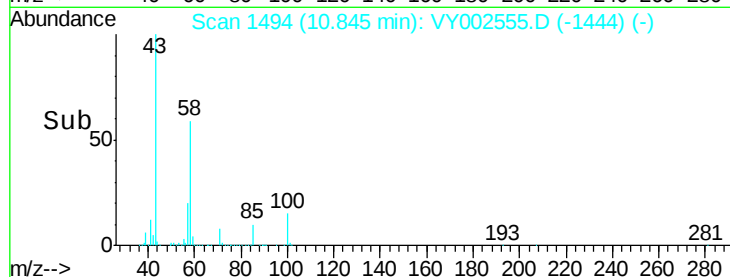
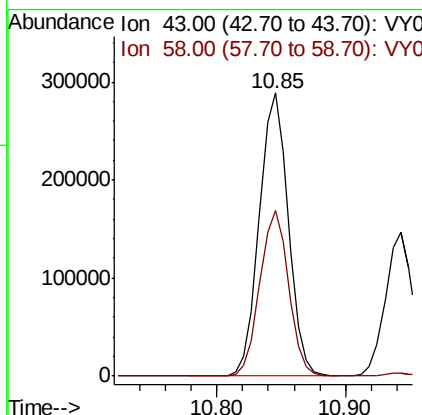
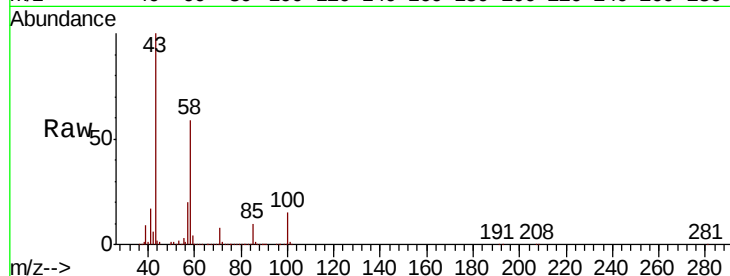




#59
2-Hexanone
Concen: 265.630 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

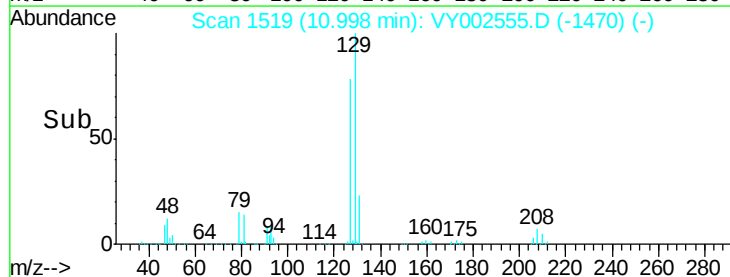
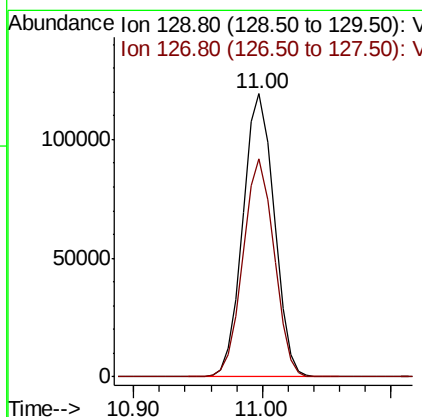
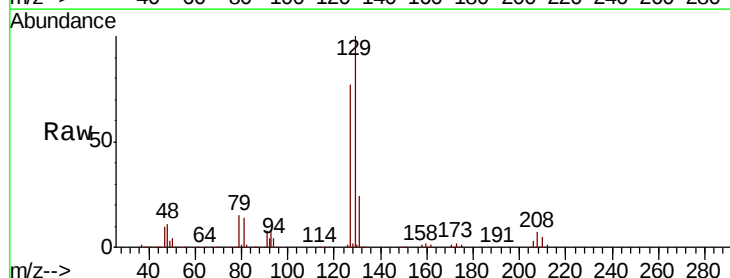
Instrument :
MSVOA_Y
ClientSampleId :

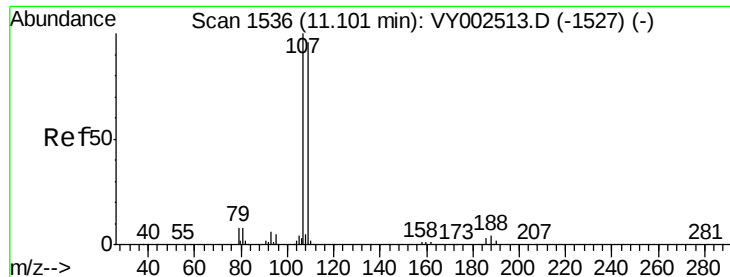
Tot Ion: 43 Resp: 449686
Ion Ratio Lower Upper
43 100
58 58.0 29.1 87.3



#60
Dibromochloromethane
Concen: 54.386 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion: 129 Resp: 200392
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.133 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

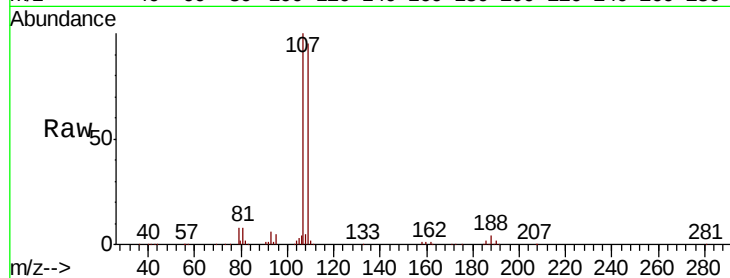
ClientSampled :

Tot Ion:107 Resp: 152414

Ion Ratio Lower Upper

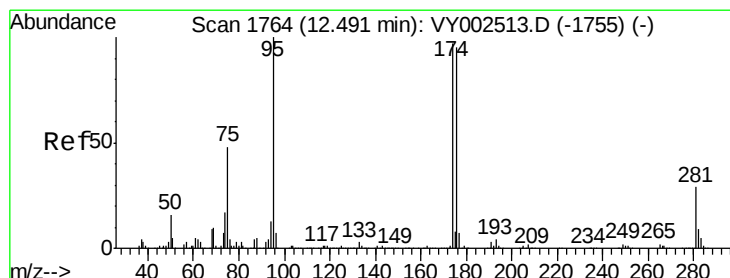
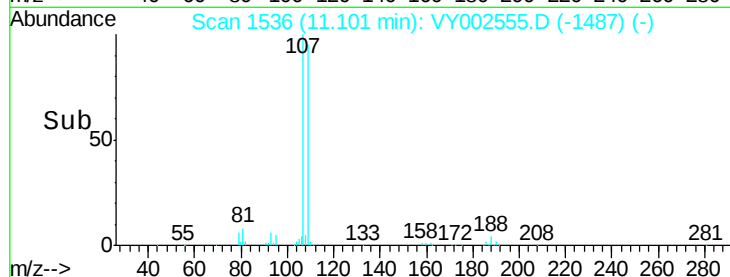
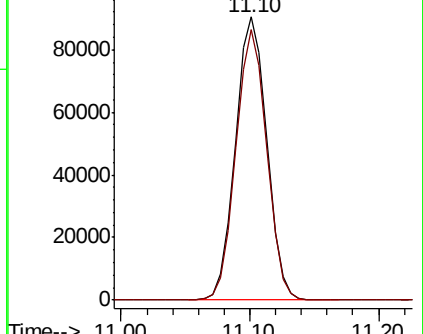
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.061 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

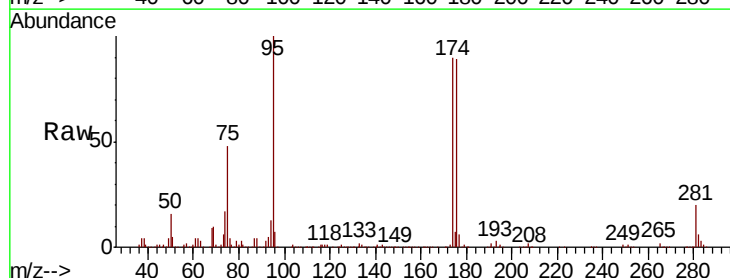
Tgt Ion: 95 Resp: 228644

Ion Ratio Lower Upper

95 100

174 92.5 0.0 188.8

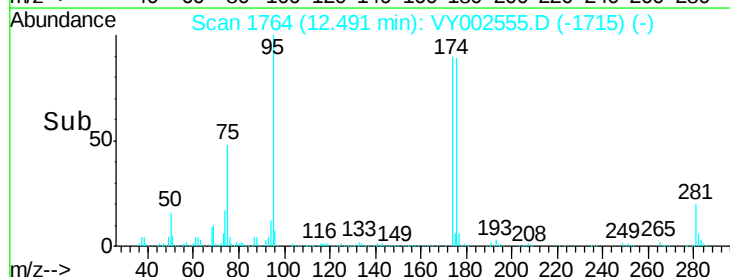
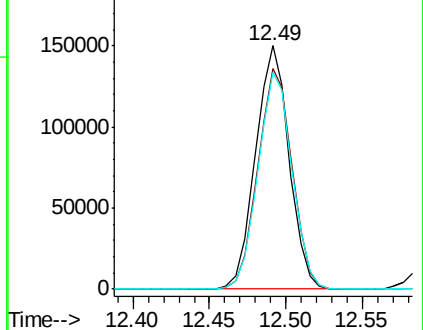
176 90.5 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

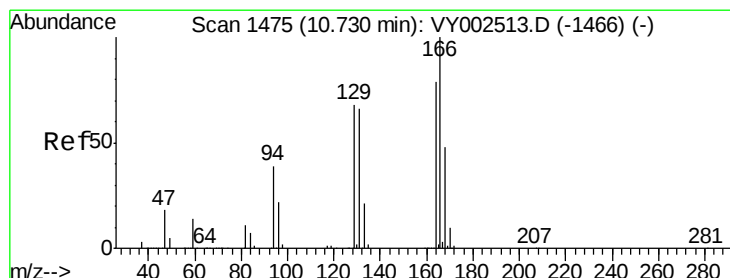
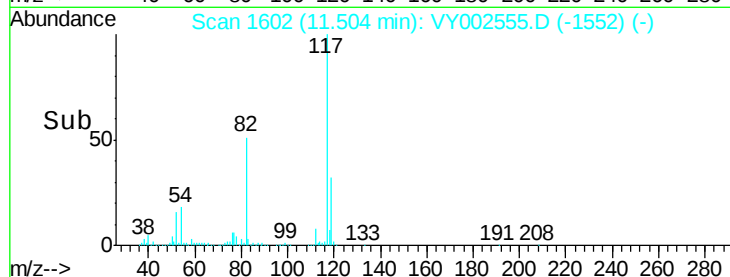
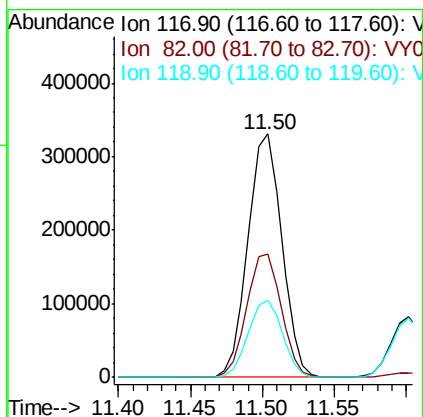
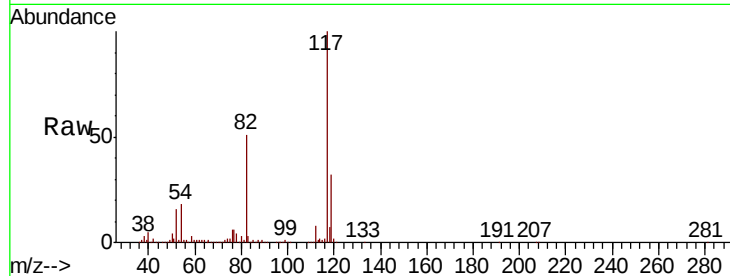




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

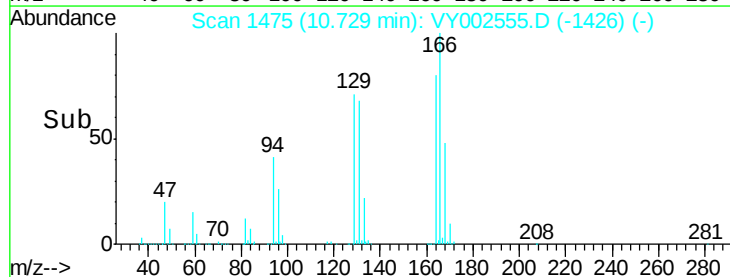
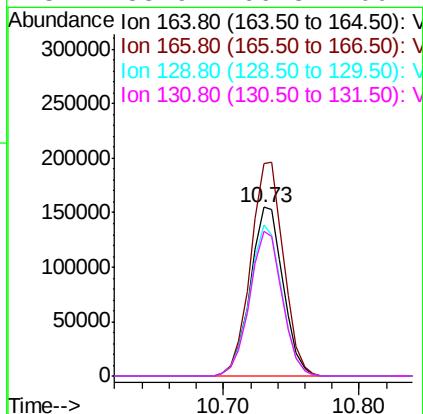
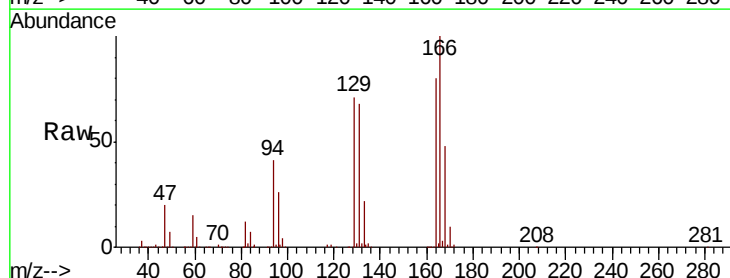
Instrument :
MSVOA_Y
ClientSampled :

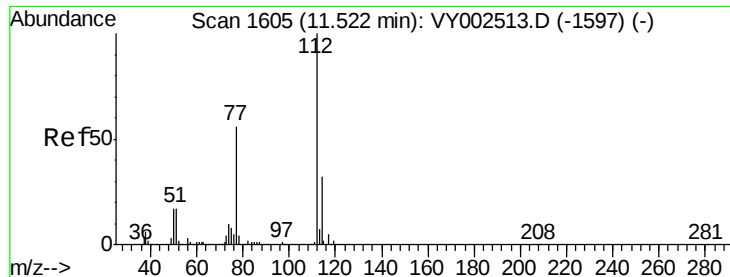
Tot Ion:117 Resp: 538482
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.5 26.0 39.0



#64
Tetrachloroethene
Concen: 54.880 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion:164 Resp: 262567
Ion Ratio Lower Upper
164 100
166 125.6 100.7 151.1
129 89.4 68.3 102.5
131 85.9 66.8 100.2

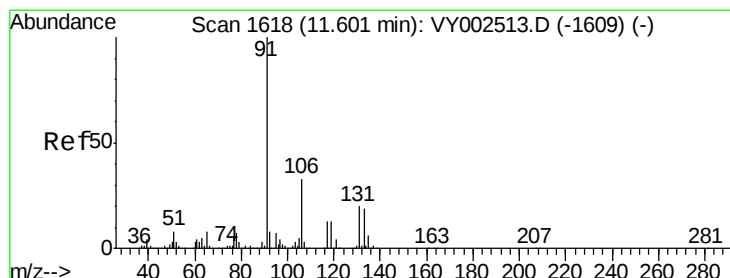
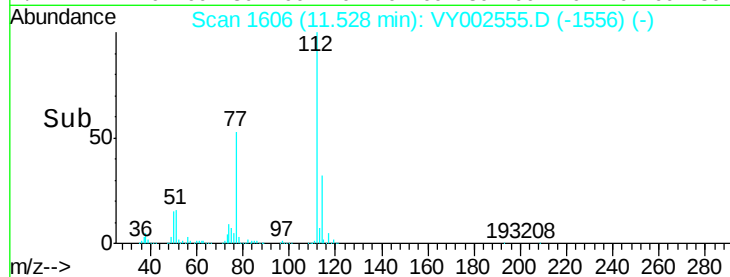
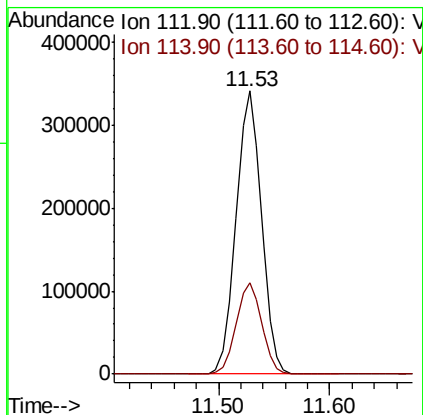
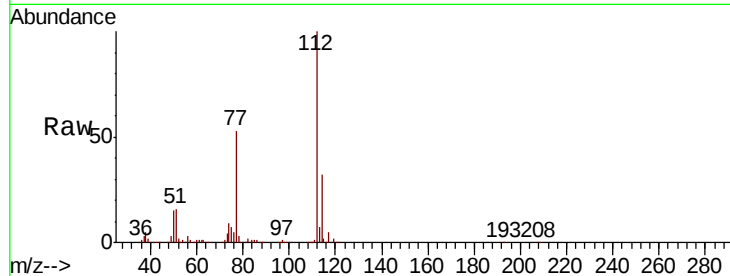




#65
Chlorobenzene
Concen: 52.549 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

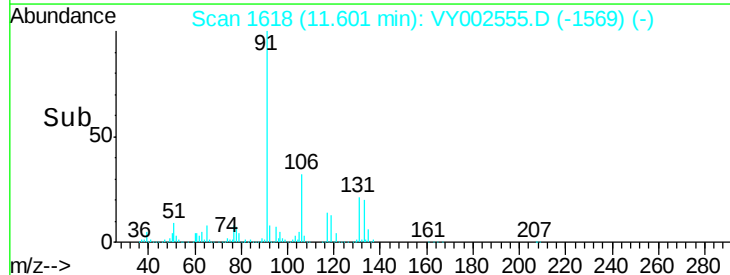
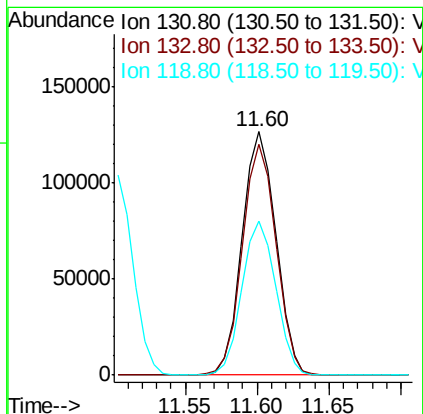
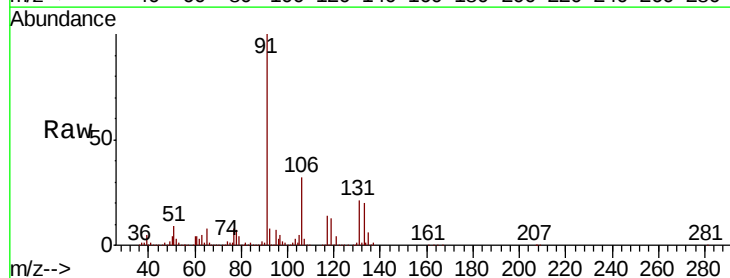
Instrument :
MSVOA_Y
ClientSampleId :

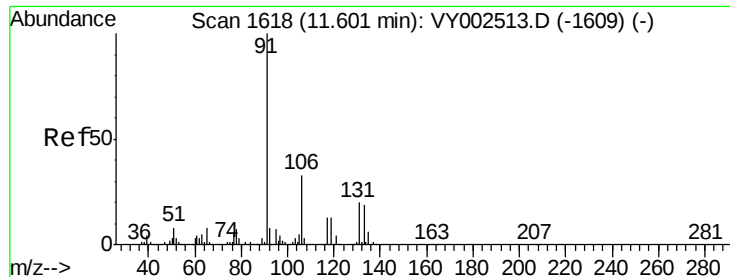
Tot Ion:112 Resp: 537921
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.175 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion:131 Resp: 205855
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 63.6 31.6 95.0





#67

Ethyl Benzene

Concen: 52.305 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

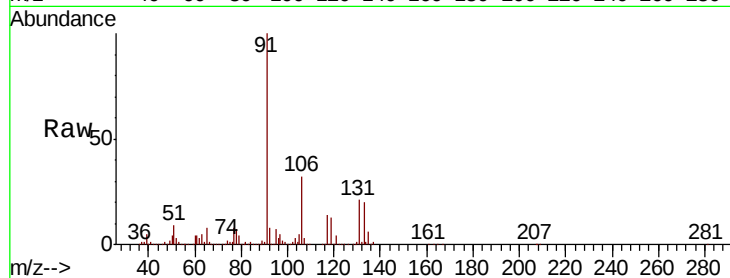
ClientSampled :

Tot Ion: 91 Resp: 940502

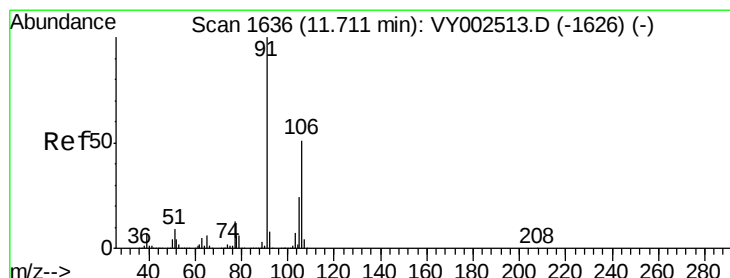
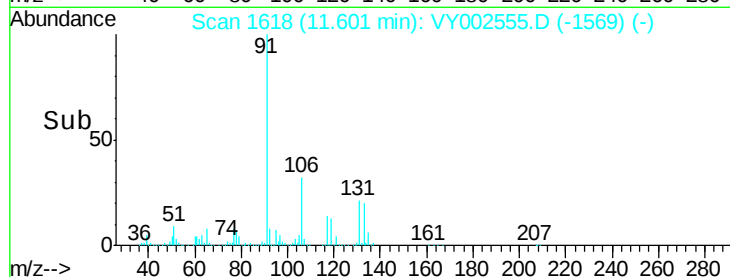
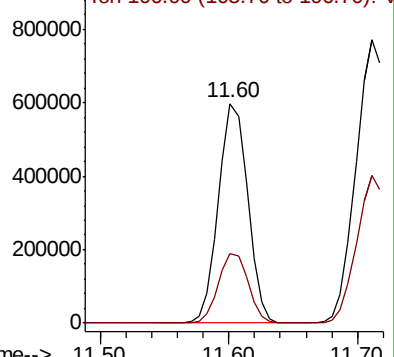
Ion Ratio Lower Upper

91 100

106 32.0 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)



#68

m/p-Xylenes

Concen: 104.644 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002555.D

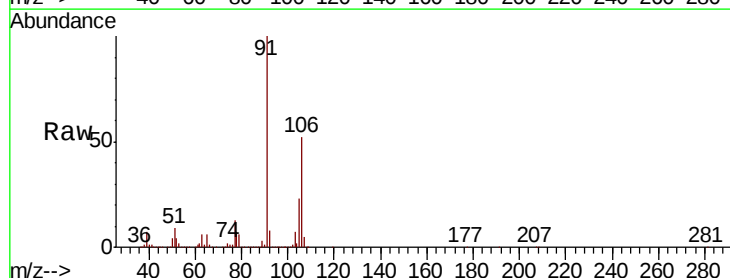
Acq: 04 May 2020 21:33

Tgt Ion: 106 Resp: 728044

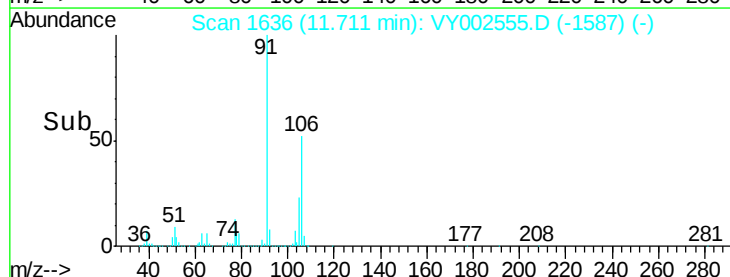
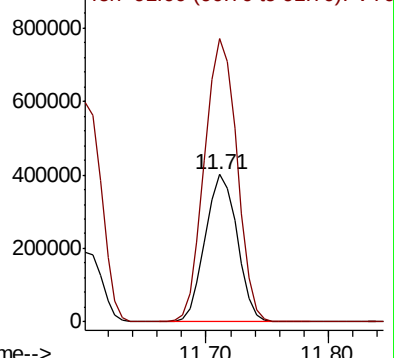
Ion Ratio Lower Upper

106 100

91 194.7 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

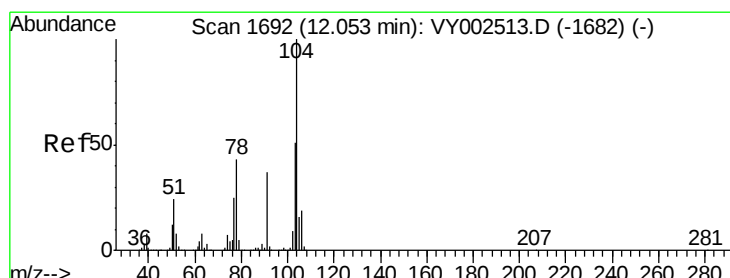
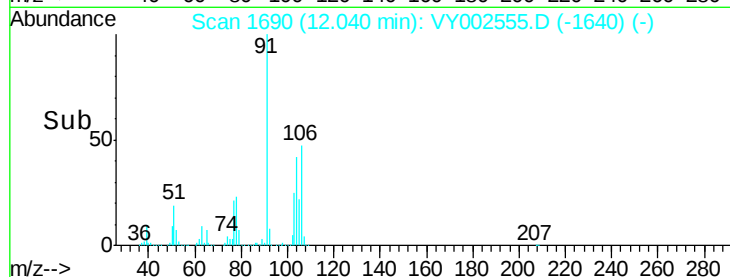
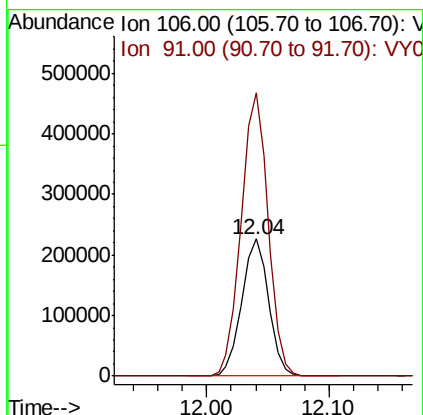
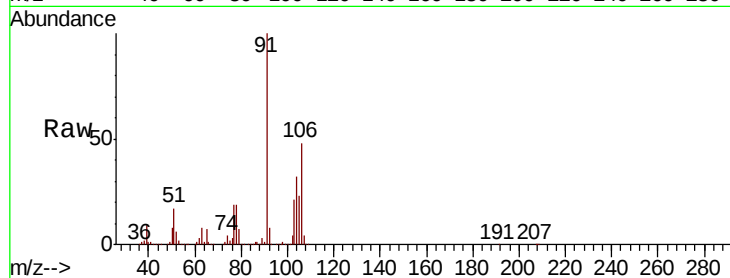




#69
o-Xylene
Concen: 53.014 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

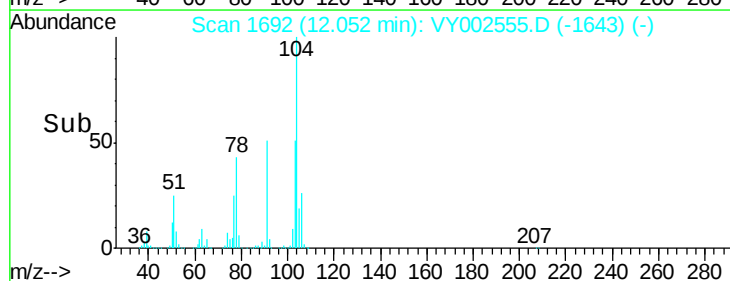
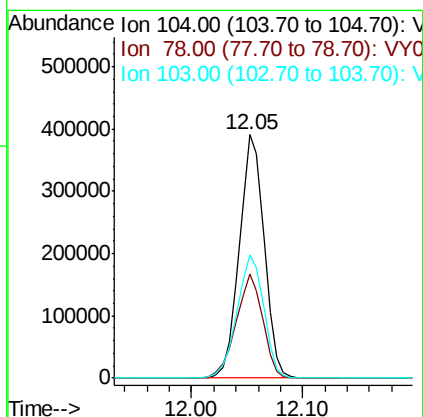
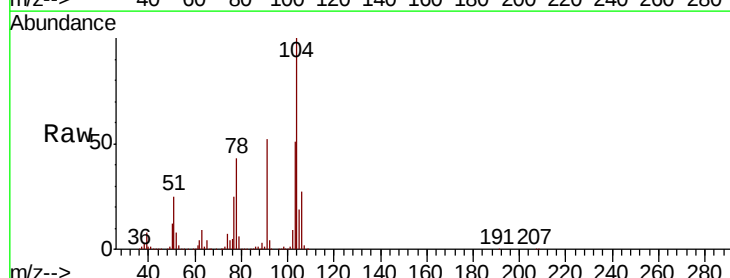
Instrument :
MSVOA_Y
ClientSampleId :

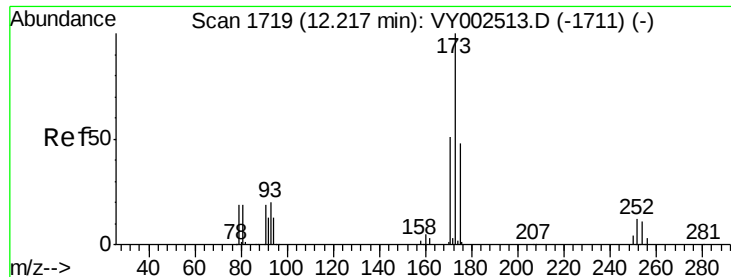
Tot Ion:106 Resp: 345345
Ion Ratio Lower Upper
106 100
91 207.0 103.8 311.3



#70
Styrene
Concen: 54.009 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion:104 Resp: 601463
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 53.122 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

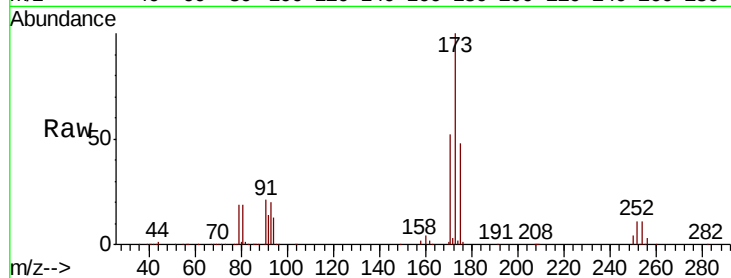
Tot Ion:173 Resp: 125286

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

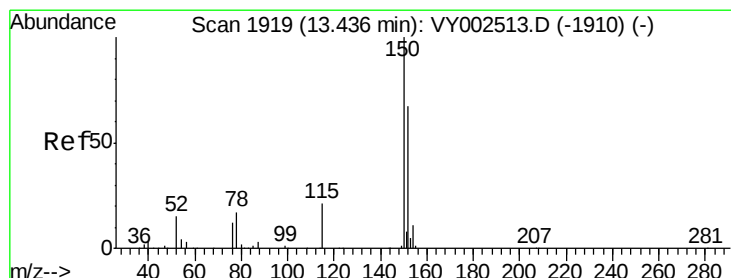
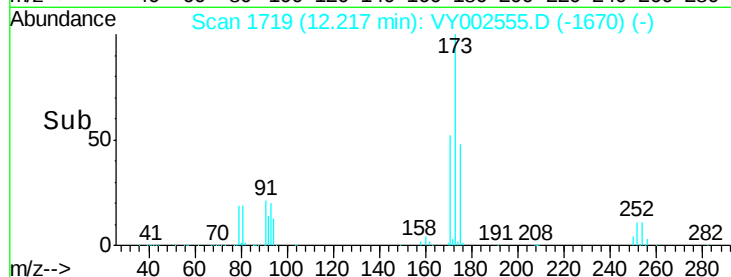
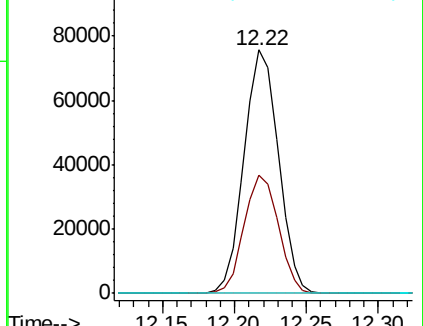
254 0.2 0.2 0.2



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

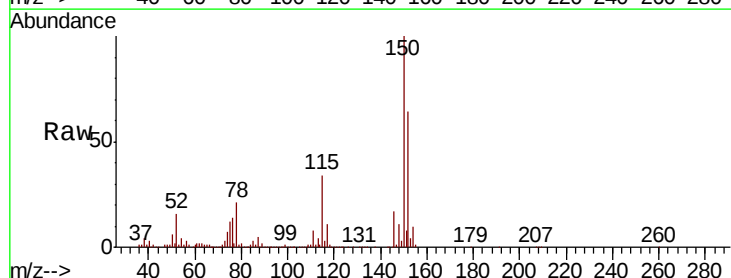
Tgt Ion:152 Resp: 273771

Ion Ratio Lower Upper

152 100

115 54.3 27.5 82.4

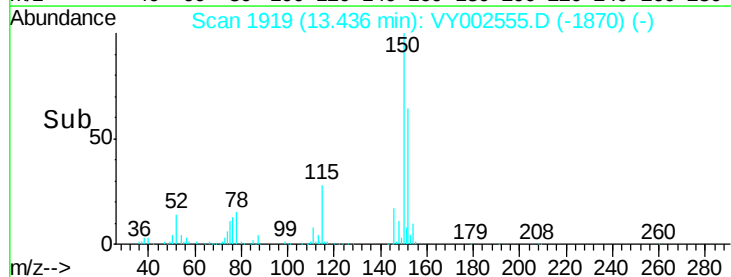
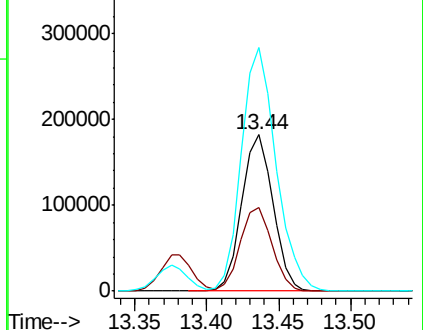
150 172.7 0.0 346.4

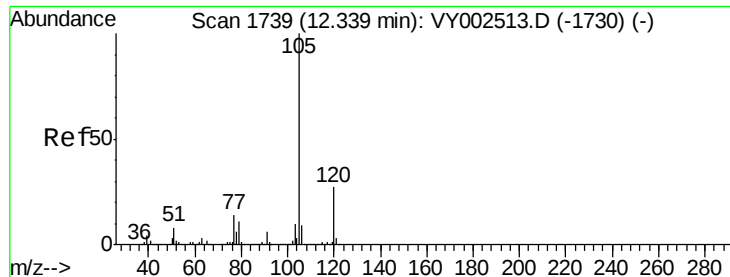


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.248 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

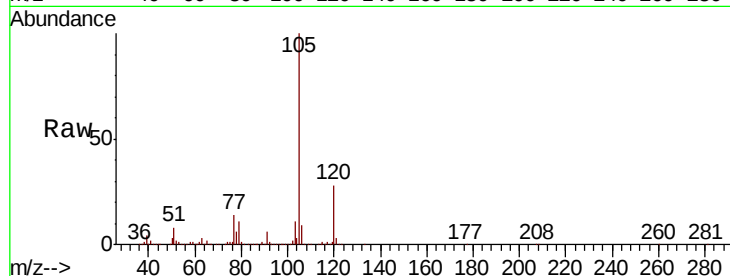
ClientSampleId :

Tot Ion:105 Resp: 927029

Ion Ratio Lower Upper

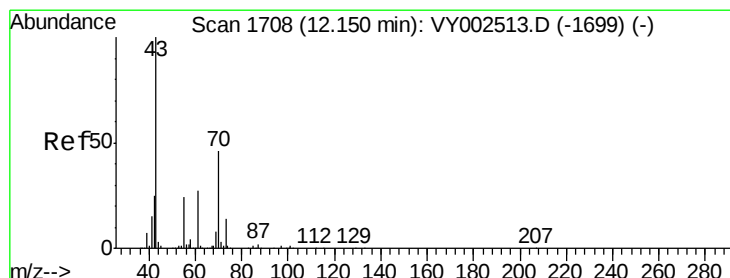
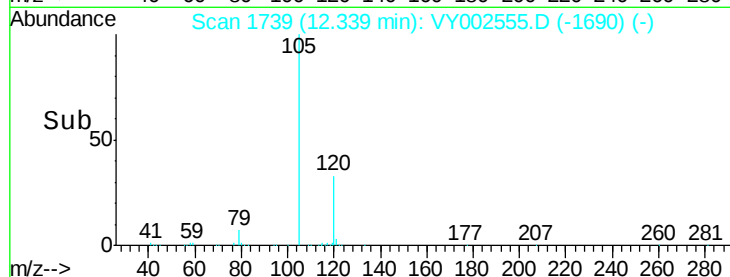
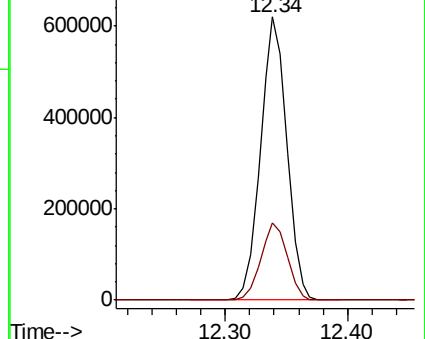
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.086 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Tgt Ion: 43 Resp: 230849

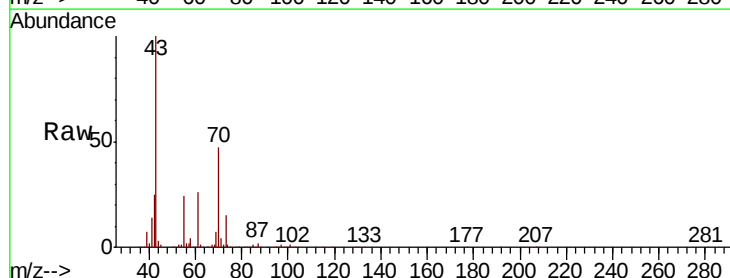
Ion Ratio Lower Upper

43 100

70 47.2 36.7 55.1

55 24.2 19.2 28.8

61 26.3 21.1 31.7

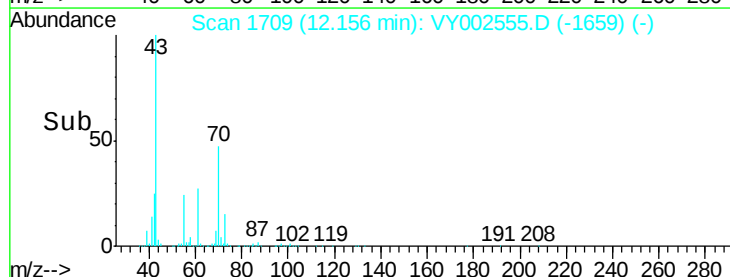
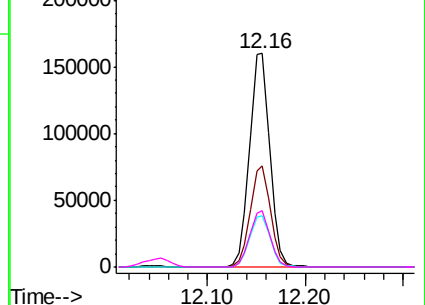


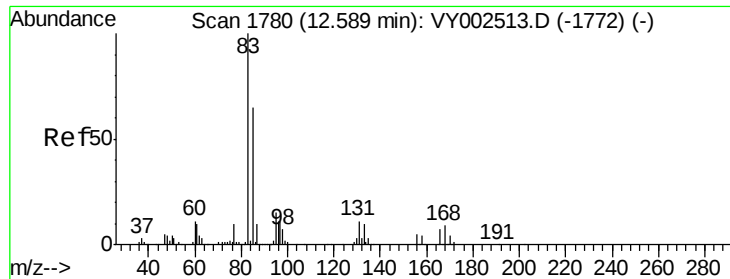
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.202 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

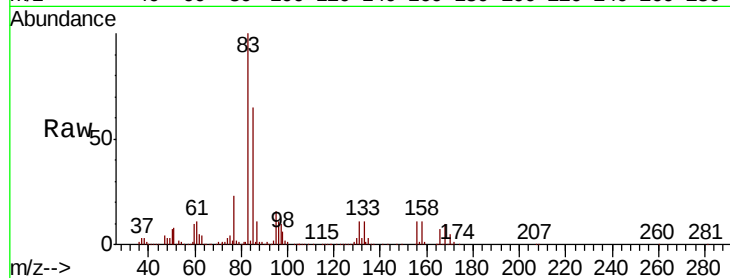
Tot Ion: 83 Resp: 141659

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.8

85 64.7 31.9 95.9



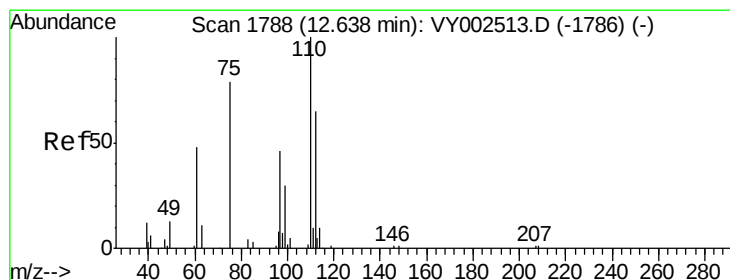
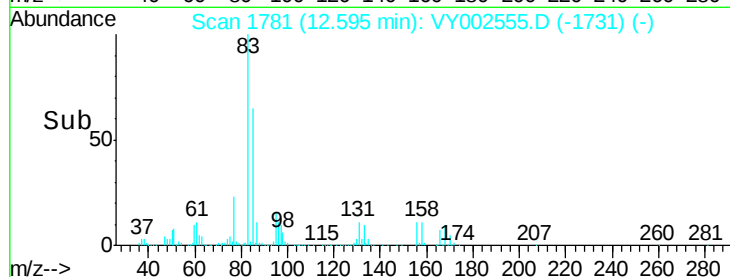
Abundance Ion 82.90 (82.60 to 83.60): VY002555.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002555.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002555.D (-1772) (-)

12.59

Time-->



#76

1,2,3-Trichloropropane

Concen: 92.444 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002555.D

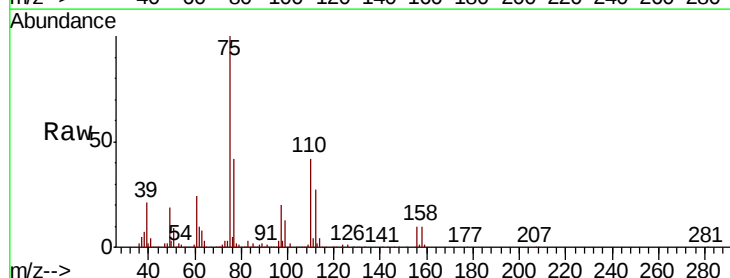
Acq: 04 May 2020 21:33

Tgt Ion: 75 Resp: 224909

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

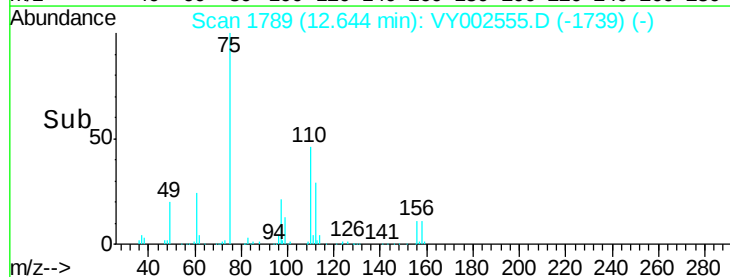


Abundance Ion 74.90 (74.60 to 75.60): VY002555.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002555.D (-1786) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 53.512 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

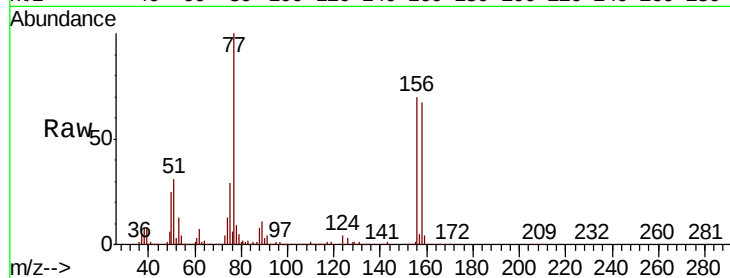
Tot Ion:156 Resp: 237212

Ion Ratio Lower Upper

156 100

77 162.9 82.0 245.8

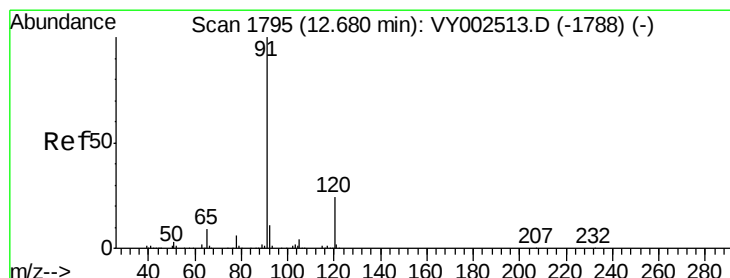
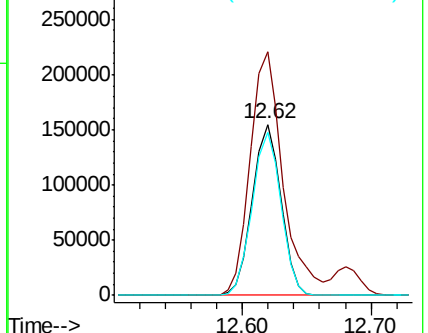
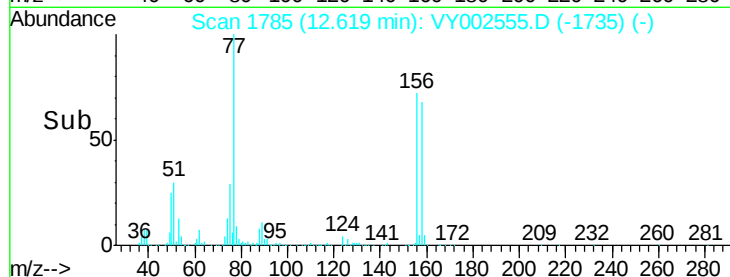
158 96.2 48.5 145.6



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: 52.142 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002555.D

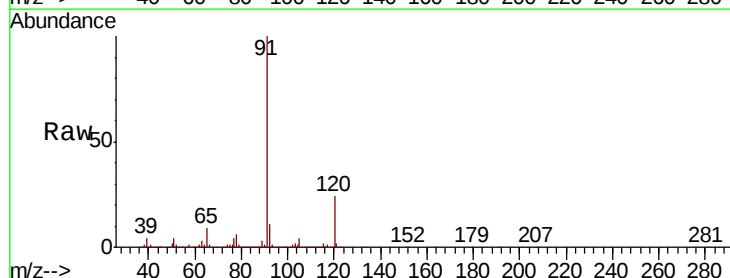
Acq: 04 May 2020 21:33

Tgt Ion: 91 Resp: 1073626

Ion Ratio Lower Upper

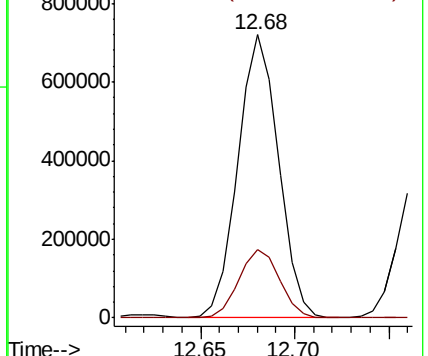
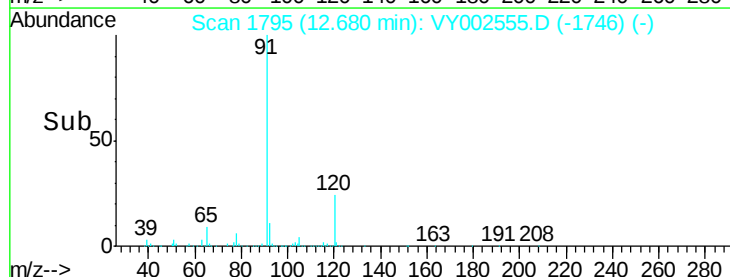
91 100

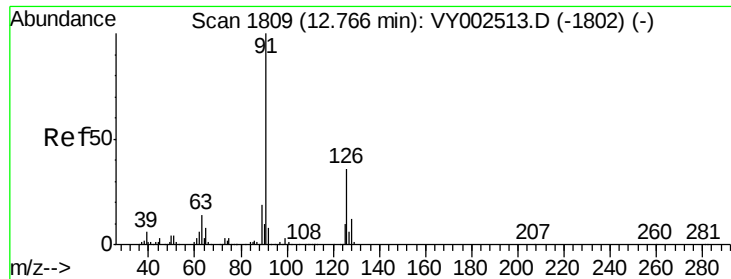
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

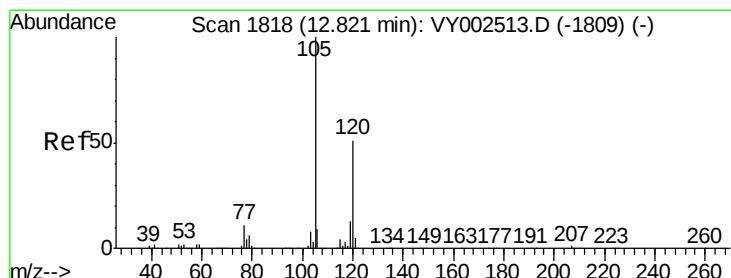
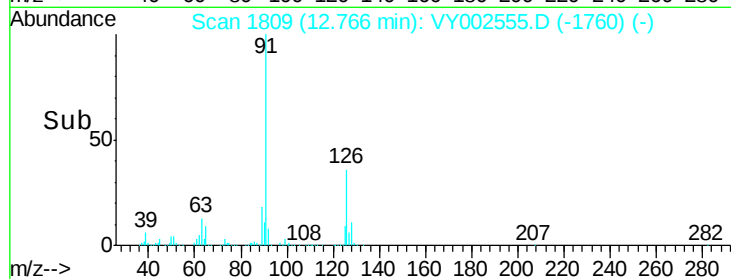
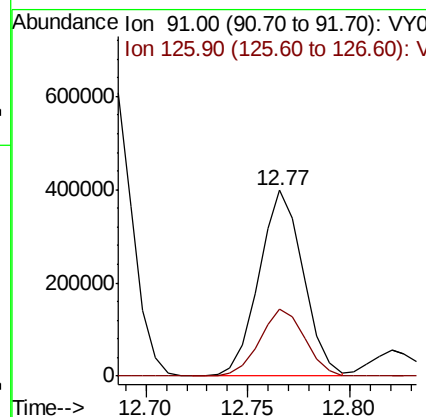
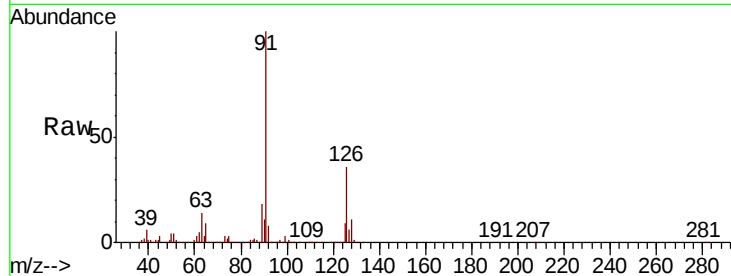




#79
 2-Chlorotoluene
 Concen: 52.768 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

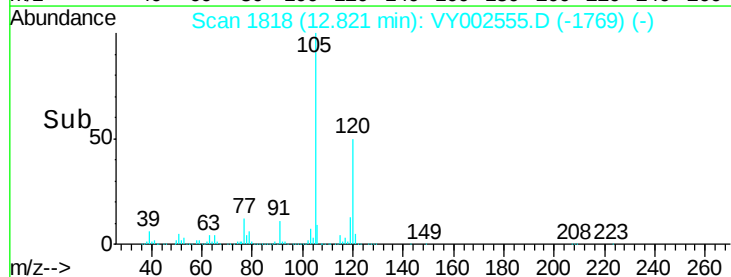
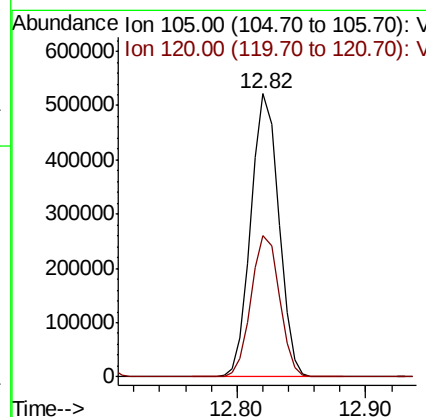
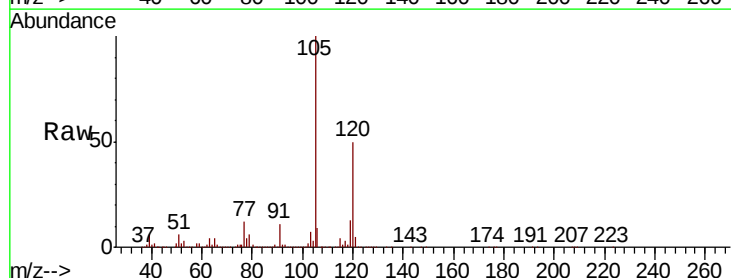
Instrument :
 MSVOA_Y
 ClientSampleId :

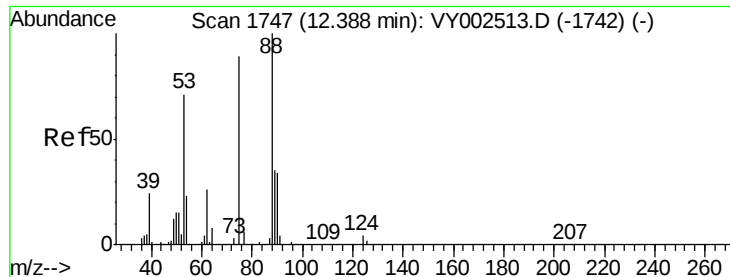
Tot Ion: 91 Resp: 601851
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 52.957 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion: 105 Resp: 778862
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.947 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

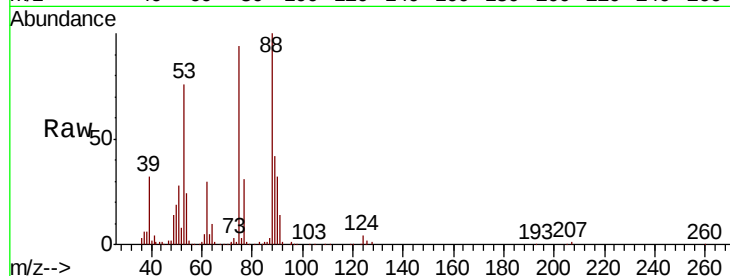
Tot Ion: 75 Resp: 60601

Ion Ratio Lower Upper

75 100

53 82.8 67.4 101.0

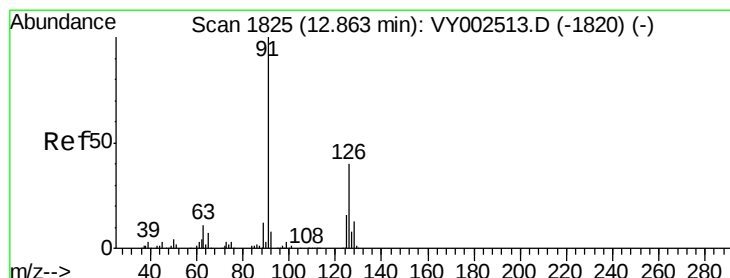
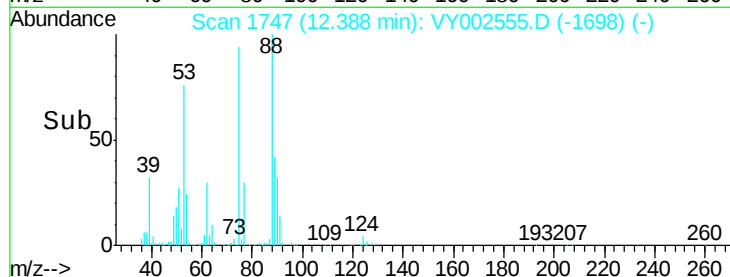
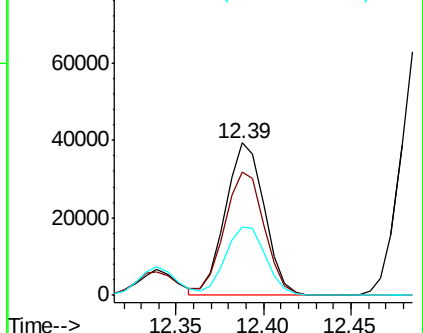
89 46.4 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 52.047 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002555.D

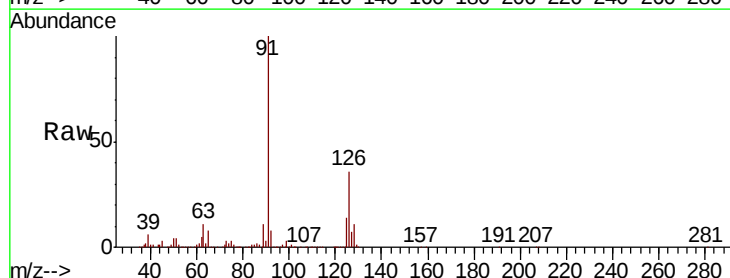
Acq: 04 May 2020 21:33

Tgt Ion: 91 Resp: 623561

Ion Ratio Lower Upper

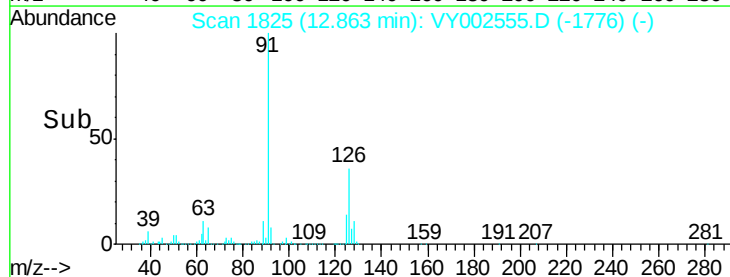
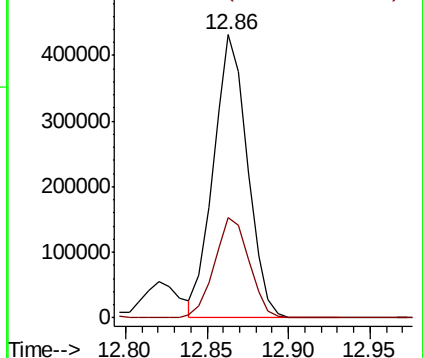
91 100

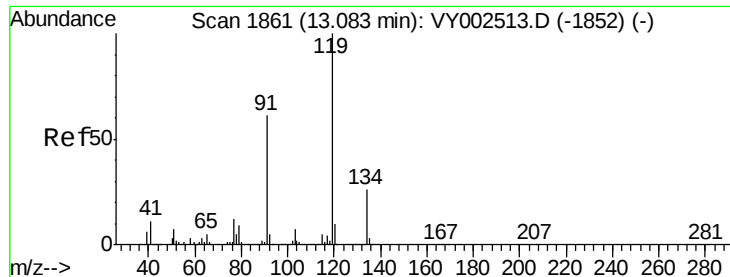
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

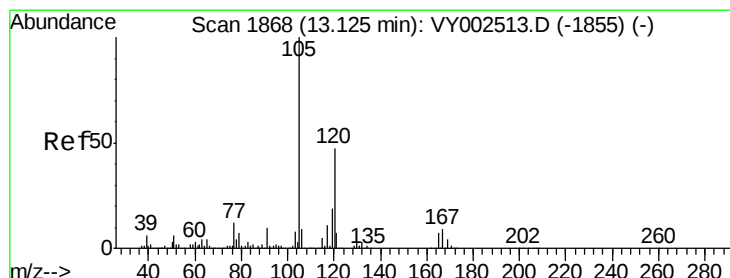
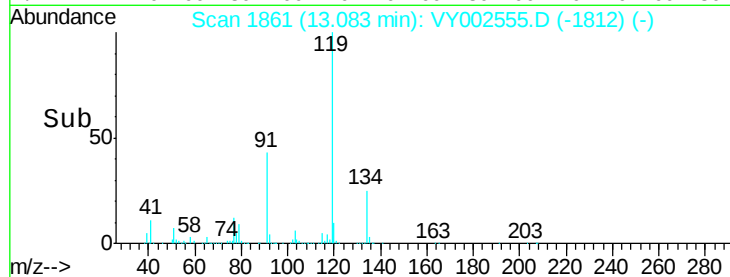
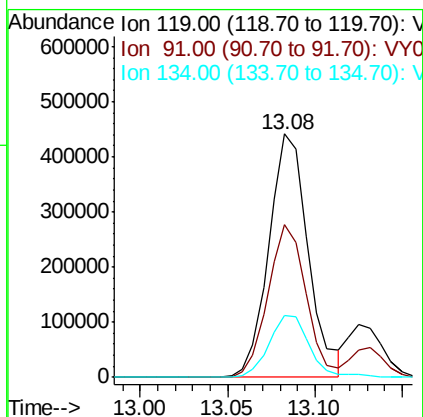
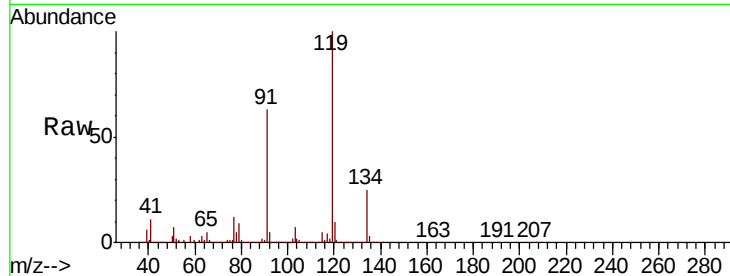




#83
tert-Butylbenzene
Concen: 53.622 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

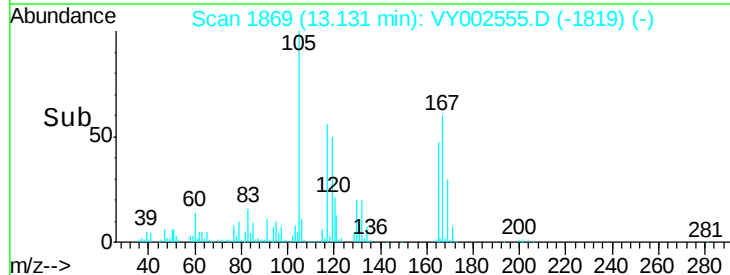
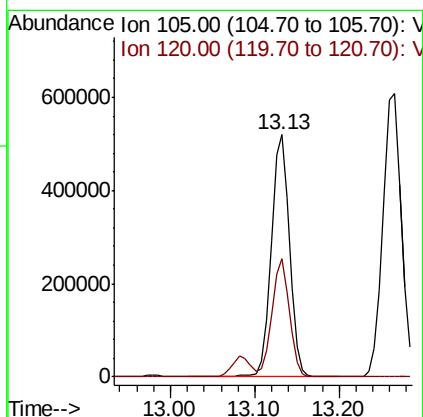
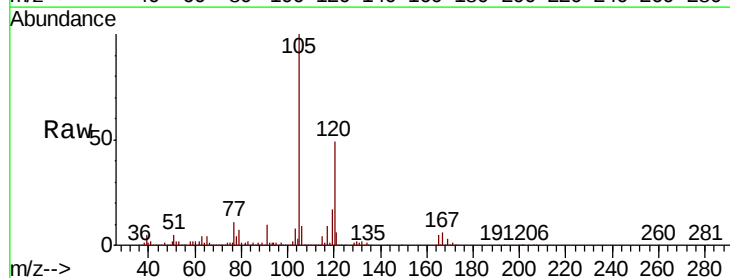
Instrument :
MSVOA_Y
ClientSampleId :

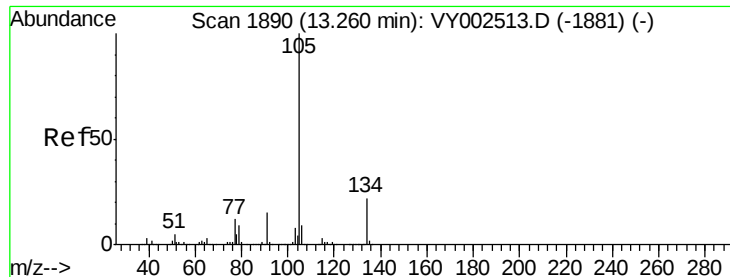
Tot Ion:119 Resp: 691508
Ion Ratio Lower Upper
119 100
91 61.0 30.6 91.6
134 26.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 53.085 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion:105 Resp: 778114
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 52.120 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

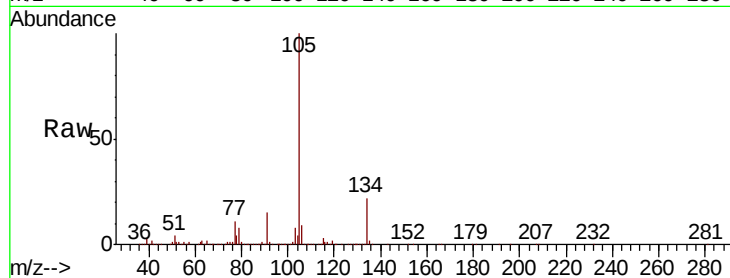
ClientSampleId :

Tot Ion:105 Resp: 932666

Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

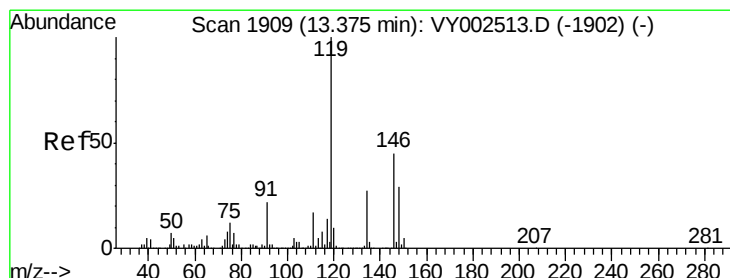
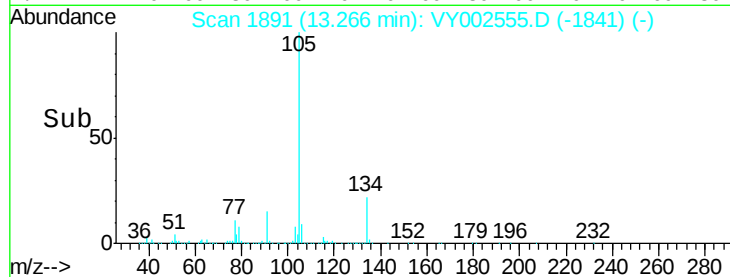
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.788 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

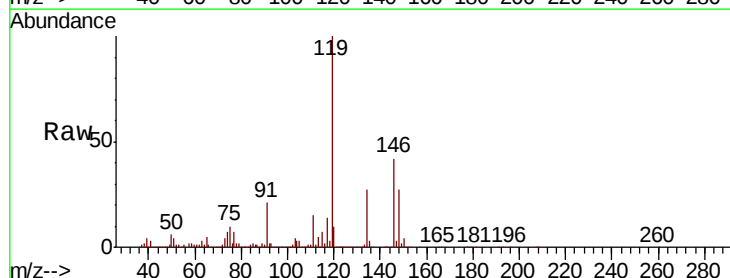
Tgt Ion:119 Resp: 868346

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 21.9 10.9 32.9



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

800000

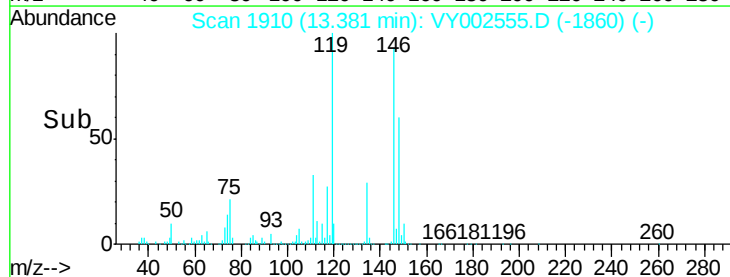
600000

400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.658 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

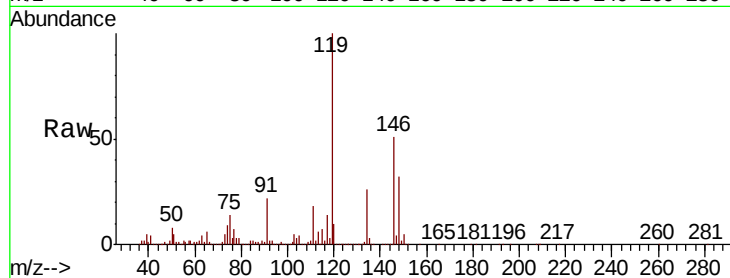
Tot Ion:146 Resp: 441802

Ion Ratio Lower Upper

146 100

111 36.6 18.8 56.3

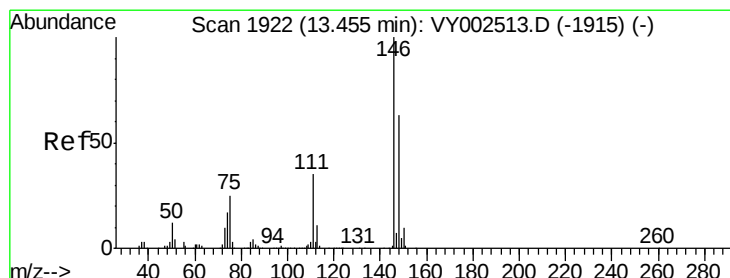
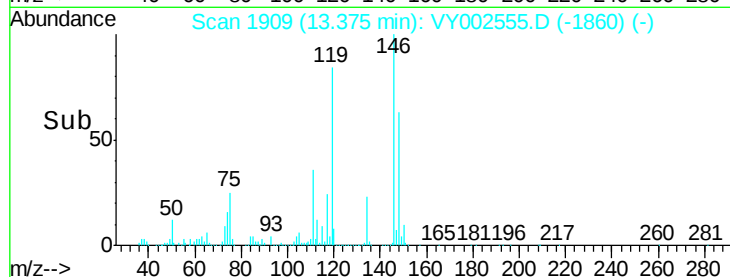
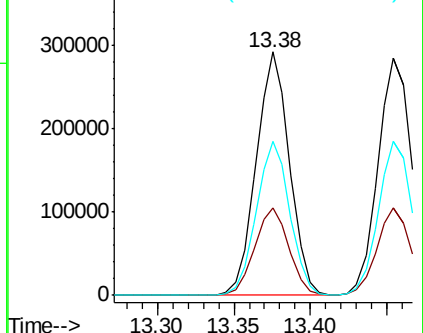
148 63.4 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 52.364 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

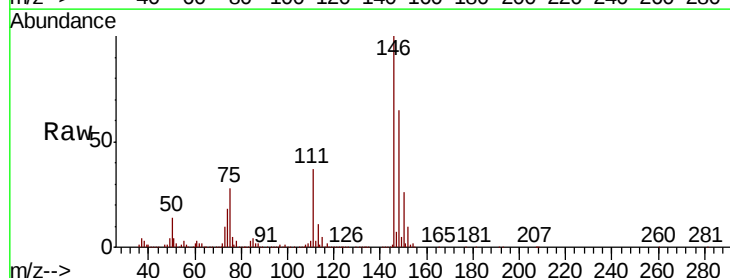
Tgt Ion:146 Resp: 435026

Ion Ratio Lower Upper

146 100

111 36.4 18.1 54.1

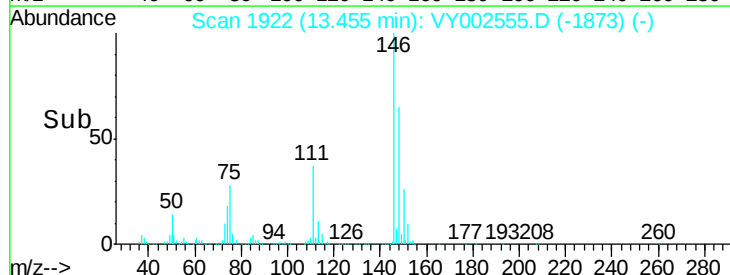
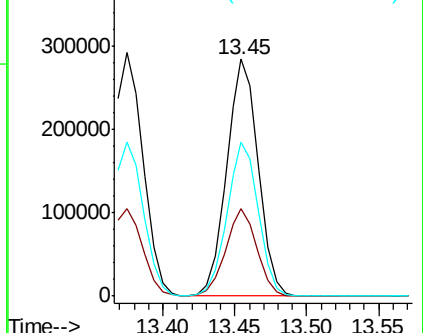
148 64.6 31.9 95.5

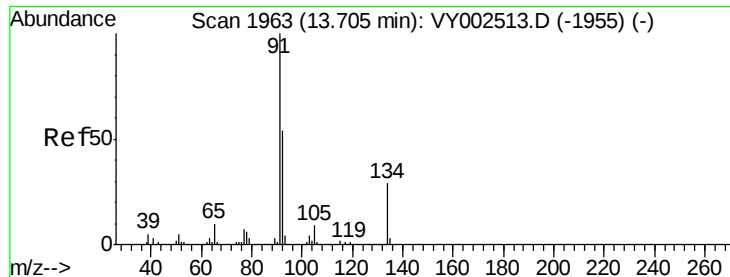


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.465 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

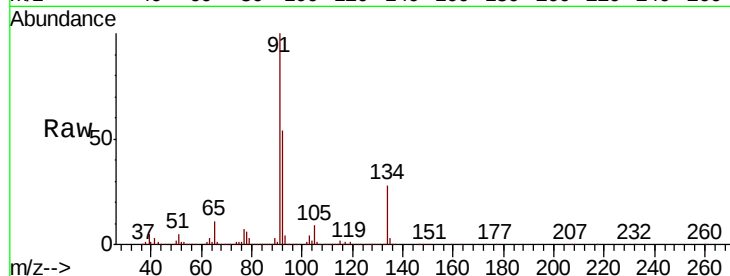
Tot Ion: 91 Resp: 785564

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.3

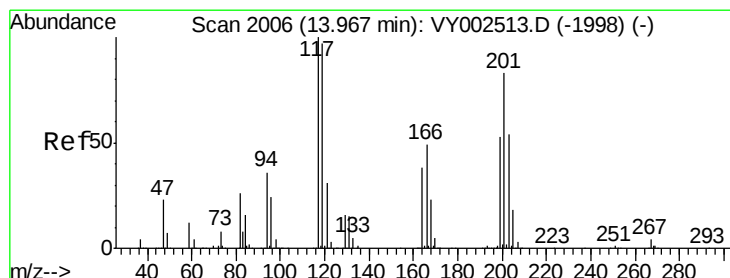
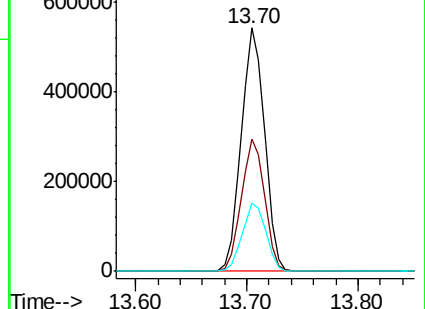
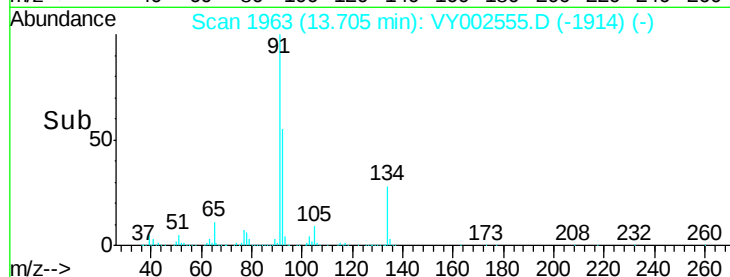
134 28.4 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)



#90

Hexachloroethane

Concen: 53.942 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002555.D

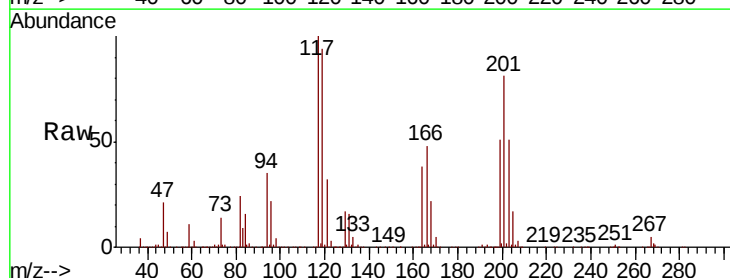
Acq: 04 May 2020 21:33

Tgt Ion: 117 Resp: 164711

Ion Ratio Lower Upper

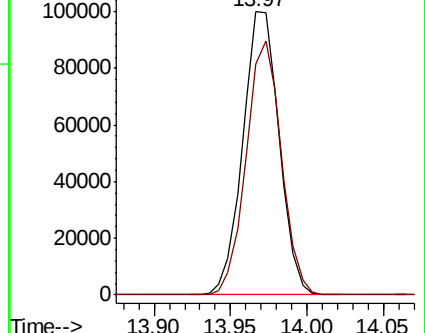
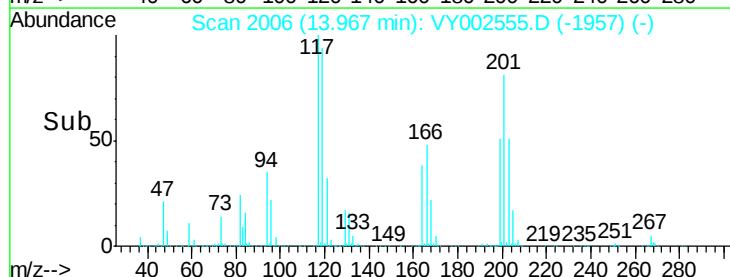
117 100

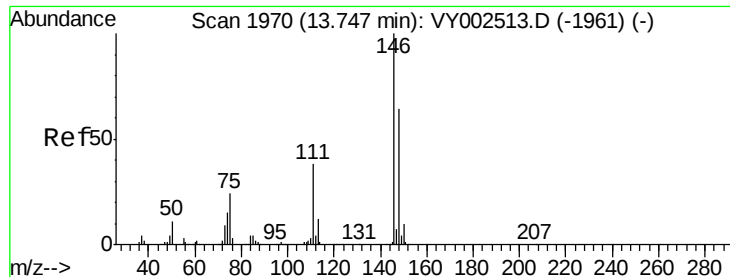
201 87.0 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)





#91

1,2-Dichlorobenzene

Concen: 52.726 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

Instrument :

MSVOA_Y

ClientSampleId :

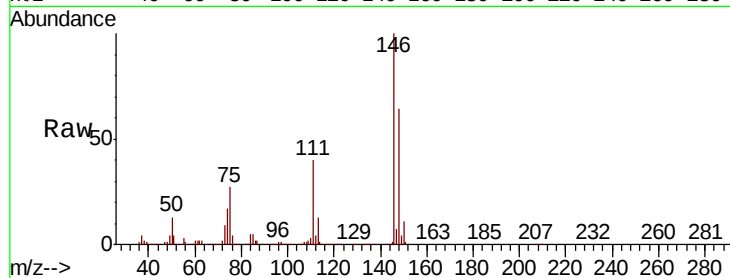
Tot Ion:146 Resp: 394730

Ion Ratio Lower Upper

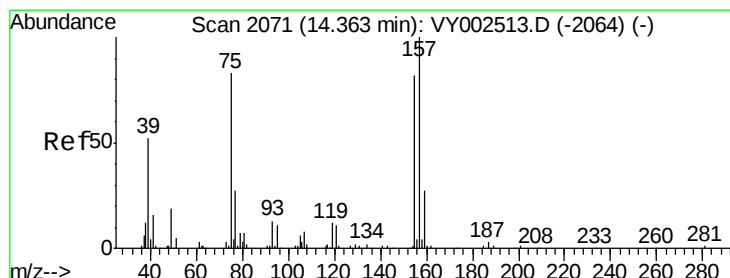
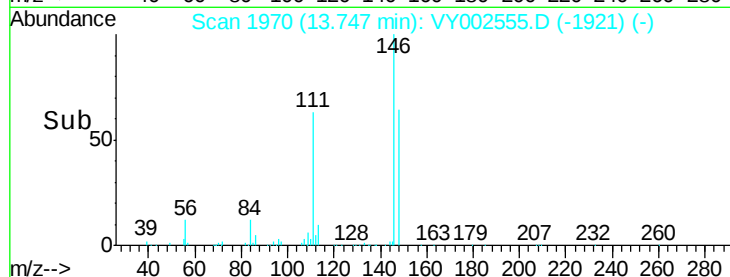
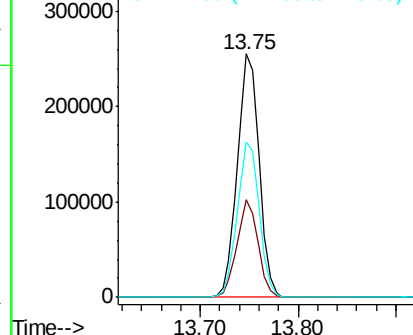
146 100

111 38.8 19.1 57.5

148 64.3 31.9 95.7



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: 52.473 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002555.D

Acq: 04 May 2020 21:33

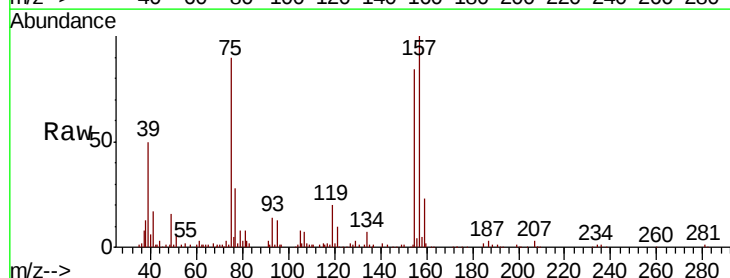
Tgt Ion: 75 Resp: 27601

Ion Ratio Lower Upper

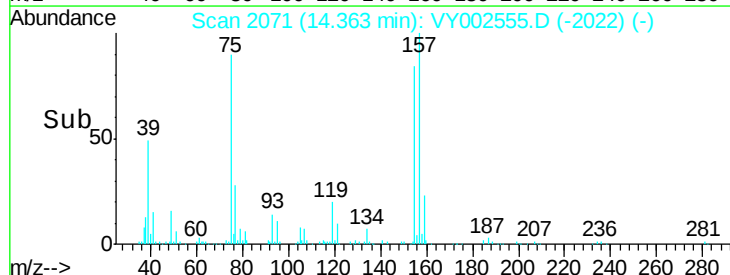
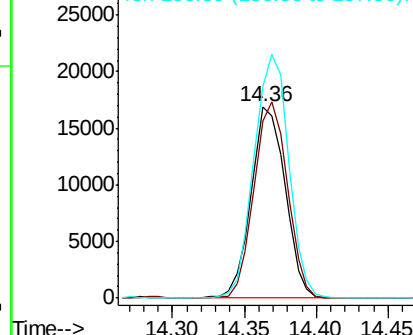
75 100

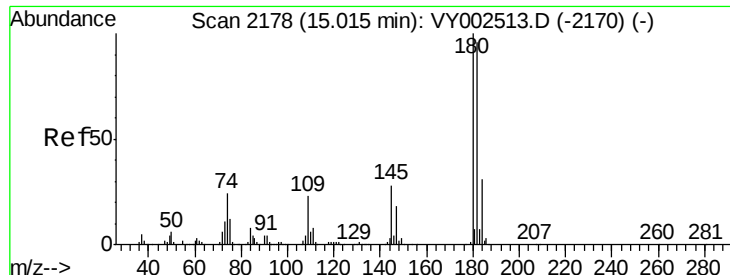
155 100.8 51.3 153.9

157 129.9 65.0 195.0



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

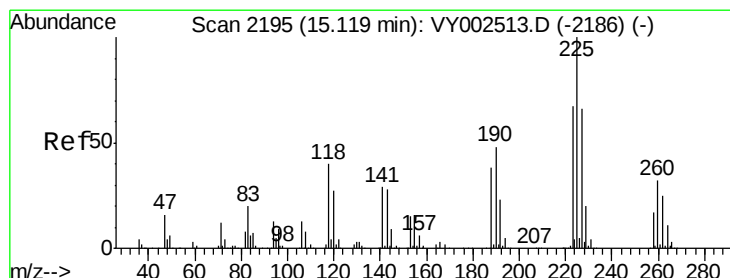
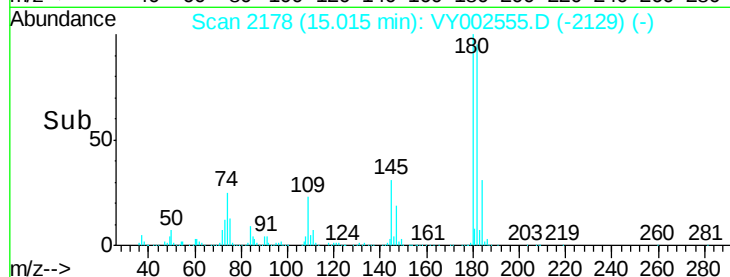
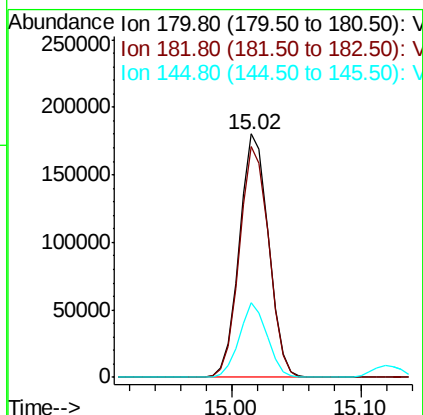
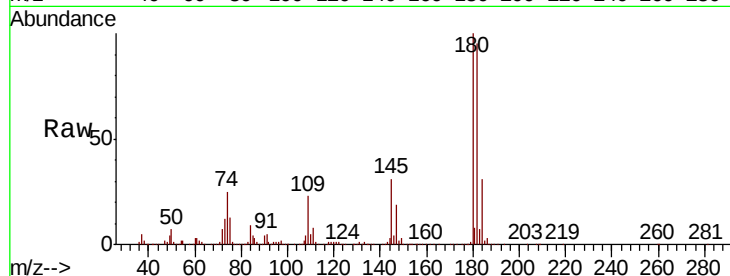




#93
 1,2,4-Trichlorobenzene
 Concen: 51.720 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

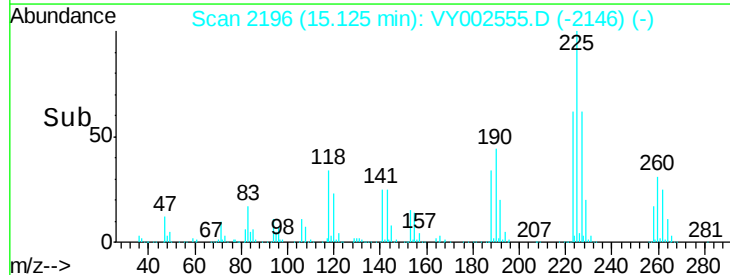
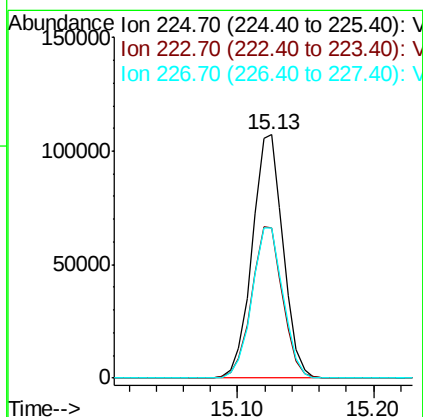
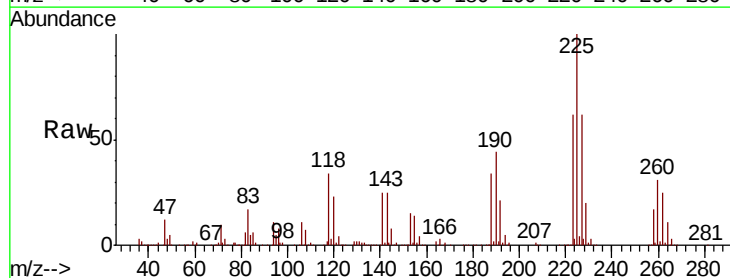
Instrument :
 MSVOA_Y
 ClientSampleId :

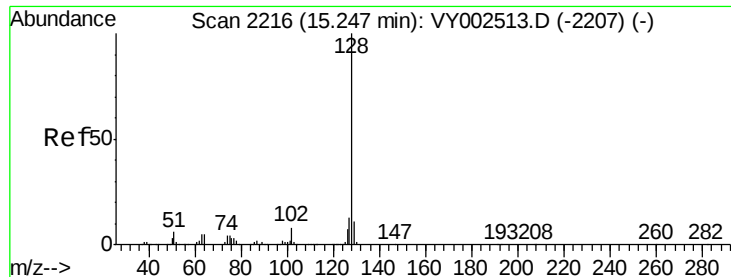
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	29.3	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 52.290 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002555.D
 Acq: 04 May 2020 21:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	96.5
227	62.6	32.0	96.2

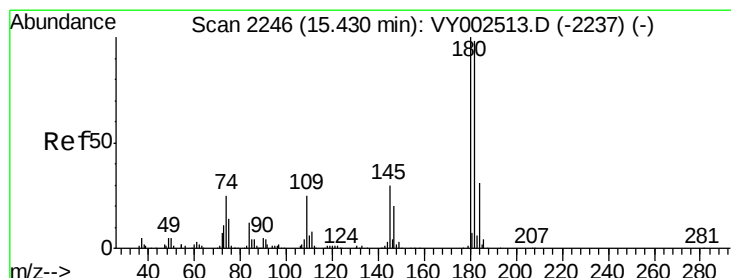
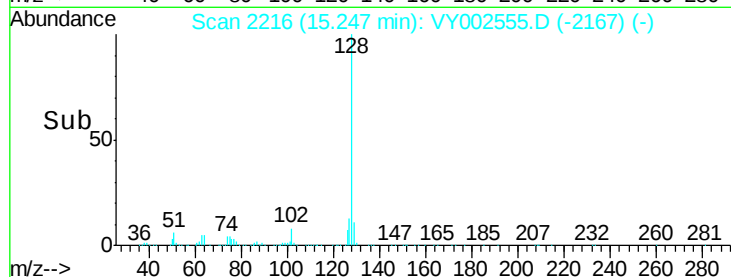
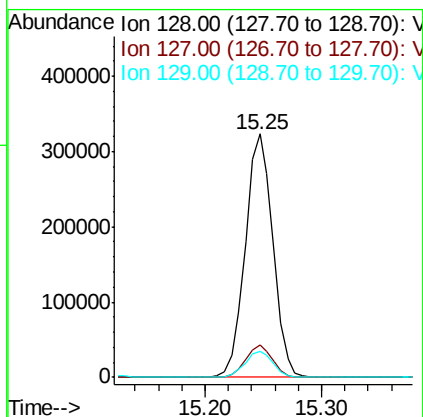
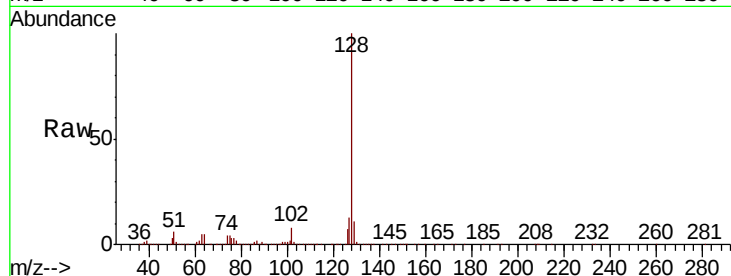




#95
Naphthalene
Concen: 53.745 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 532890
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.295 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002555.D
Acq: 04 May 2020 21:33

Tgt Ion:180 Resp: 241297
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.8
145 31.3 15.0 45.1

