

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002273.D
 Acq On : 09 Apr 2020 15:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 10 09:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	170852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125308	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	95063	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	7.74	113	90991	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	10.19	98	376897	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.49	95	123959	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	84943	49.193	ug/l	99
3) Chloromethane	2.13	50	104900	48.270	ug/l	99
4) Vinyl Chloride	2.26	62	113923	49.251	ug/l	97
5) Bromomethane	2.66	94	69803	48.867	ug/l	99
6) Chloroethane	2.81	64	66350	49.737	ug/l	100
7) Trichlorofluoromethane	3.14	101	145852	48.825	ug/l	98
8) Diethyl Ether	3.55	74	64729	50.970	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	97136	47.870	ug/l	99
10) Methyl Iodide	4.11	142	117473	49.805	ug/l	99
11) Tert butyl alcohol	4.98	59	57421	288.916	ug/l	97
12) 1,1-Dichloroethene	3.89	96	100932	48.925	ug/l	99
13) Acrolein	3.75	56	54771	223.573	ug/l	99
14) Allyl chloride	4.50	41	176037	52.842	ug/l	98
15) Acrylonitrile	5.19	53	168556	259.548	ug/l	99
16) Acetone	3.97	43	128616	257.013	ug/l	98
17) Carbon Disulfide	4.21	76	334787	48.864	ug/l	99
18) Methyl Acetate	4.50	43	82188	52.949	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	280965	51.805	ug/l	98
20) Methylene Chloride	4.74	84	116201	47.243	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	112871	48.744	ug/l	94
22) Diisopropyl ether	6.14	45	352323	52.552	ug/l	97
23) Vinyl Acetate	6.08	43	1158685	271.206	ug/l	99
24) 1,1-Dichloroethane	6.04	63	195370	51.234	ug/l	97
25) 2-Butanone	7.00	43	209262	264.237	ug/l	97
26) 2,2-Dichloropropane	7.00	77	155108	48.625	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	123598	48.965	ug/l	98
28) Bromochloromethane	7.35	49	83439	50.688	ug/l	93
29) Tetrahydrofuran	7.36	42	140504	268.395	ug/l	97
30) Chloroform	7.52	83	183689	51.101	ug/l	99
31) Cyclohexane	7.80	56	193477	48.336	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	151871	50.760	ug/l	100
36) 1,1-Dichloropropene	7.93	75	150929	48.776	ug/l	99
37) Ethyl Acetate	7.09	43	93589	52.943	ug/l	99
38) Carbon Tetrachloride	7.92	117	131405	49.647	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	201357	47.837	ug/l	98
40) Benzene	8.18	78	454887	48.454	ug/l	100
41) Methacrylonitrile	7.35	41	55672m	53.387	ug/l	
42) 1,2-Dichloroethane	8.25	62	118535	50.970	ug/l	98
43) Isopropyl Acetate	8.28	43	171758	53.276	ug/l	97
44) Trichloroethene	8.95	130	127938	46.352	ug/l	99
45) 1,2-Dichloropropane	9.23	63	115976	49.789	ug/l	97
46) Dibromomethane	9.32	93	59951	49.224	ug/l	99
47) Bromodichloromethane	9.51	83	141279	50.555	ug/l	98
48) Methyl methacrylate	9.30	41	76269	52.760	ug/l	97
49) 1,4-Dioxane	9.32	88	17079	991.340	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	450831	268.364	ug/l	99
52) Toluene	10.25	92	276735	48.912	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	155688	51.132	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	185183	50.589	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	88622	49.701	ug/l	99
56) Ethyl methacrylate	10.52	69	132625	52.114	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156512	49.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	343584	260.710	ug/l	98
59) 2-Hexanone	10.85	43	308502	264.601	ug/l	99
60) Dibromochloromethane	11.00	129	96091	50.539	ug/l	100
61) 1,2-Dibromoethane	11.10	107	84320	49.672	ug/l	99
64) Tetrachloroethene	10.73	164	133762	47.669	ug/l	98
65) Chlorobenzene	11.52	112	280697	48.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	94455	49.587	ug/l	99
67) Ethyl Benzene	11.60	91	522215	49.443	ug/l	99
68) m/p-Xylenes	11.71	106	381682	96.484	ug/l	100
69) o-Xylene	12.04	106	181926	48.984	ug/l	99
70) Styrene	12.05	104	315083	48.899	ug/l	99
71) Bromoform	12.22	173	52832	51.002	ug/l #	99
73) Isopropylbenzene	12.34	105	479113	48.669	ug/l	99
74) N-amyl acetate	12.15	43	144158	51.588	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	64663	54.291	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	69214m	47.566	ug/l	
77) Bromobenzene	12.62	156	105831	48.864	ug/l	99
78) n-propylbenzene	12.68	91	591392	48.303	ug/l	100
79) 2-Chlorotoluene	12.77	91	326509	49.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	399482	49.067	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	39172	52.360	ug/l	95
82) 4-Chlorotoluene	12.86	91	334155	47.916	ug/l	100
83) tert-Butylbenzene	13.08	119	330877	48.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	395337	48.627	ug/l	100
85) sec-Butylbenzene	13.27	105	490096	48.243	ug/l	100
86) p-Isopropyltoluene	13.38	119	421129	48.165	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	200154	47.685	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	199186	46.749	ug/l	99
89) n-Butylbenzene	13.70	91	428271	47.786	ug/l	100
90) Hexachloroethane	13.97	117	80676	48.421	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	181811	47.668	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14215	49.348	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

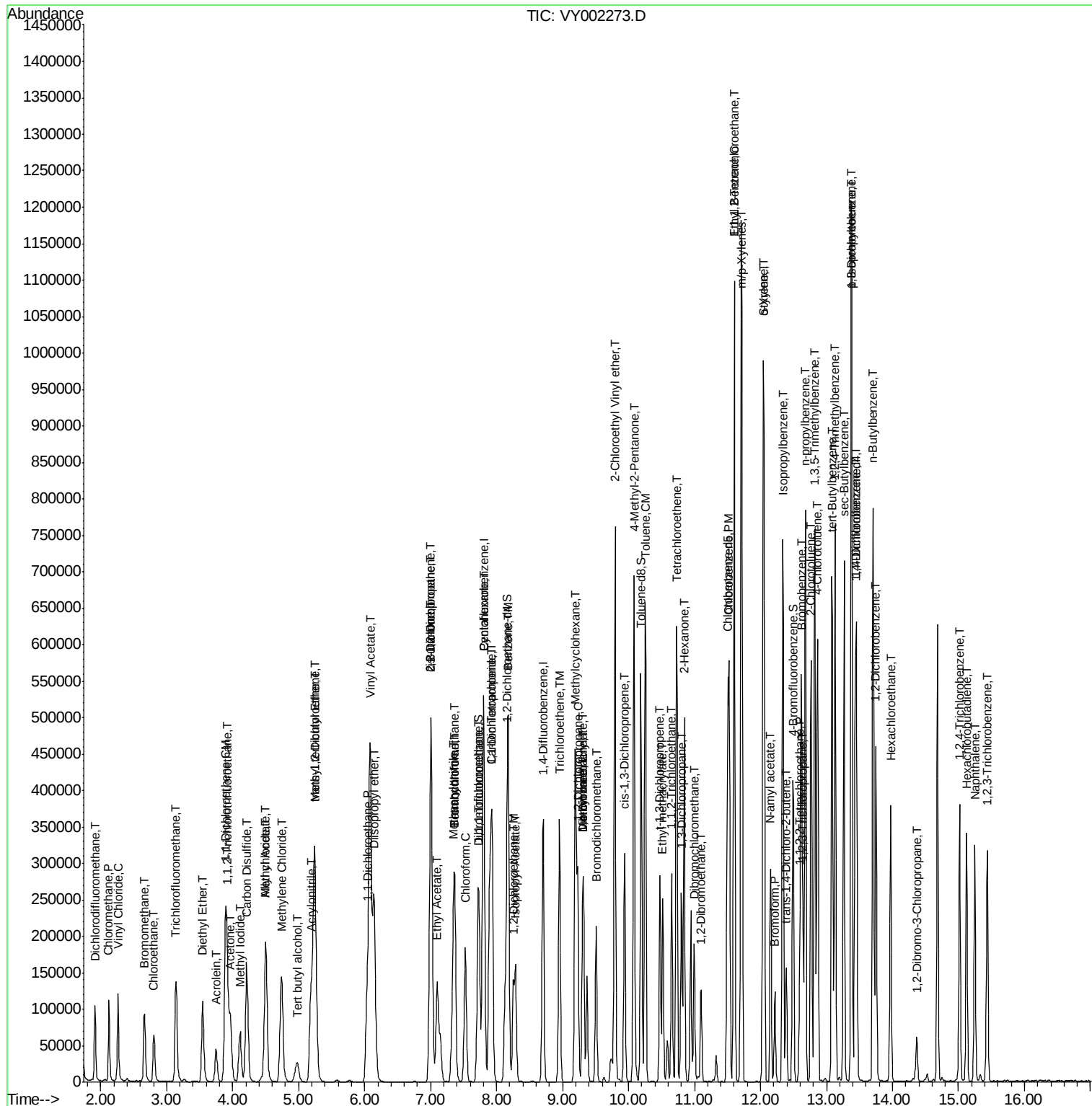
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	113009	45.331	ug/l	99
94) Hexachlorobutadiene	15.13	225	57420	45.730	ug/l	99
95) Naphthalene	15.25	128	260208	47.670	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	97587	45.081	ug/l	100

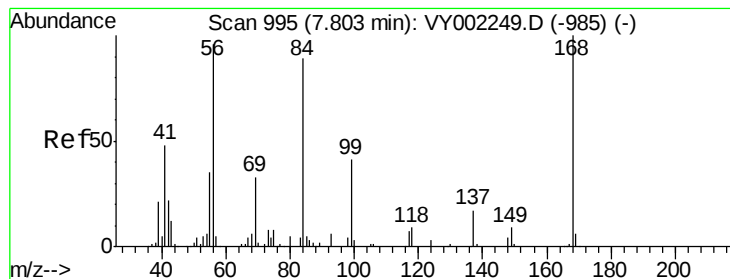
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

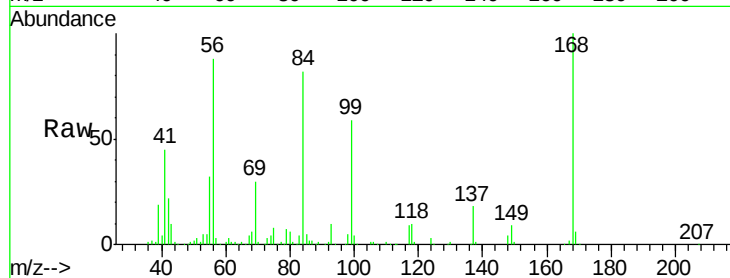
VSTDCCC050EC

Tot Ion:168 Resp: 170852

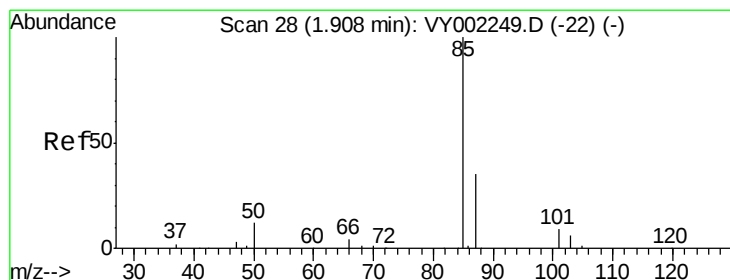
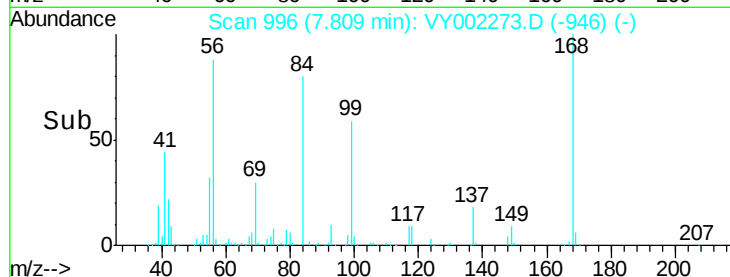
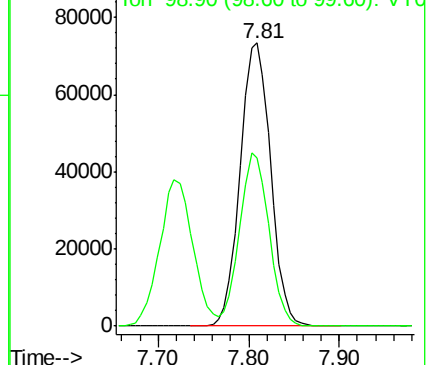
Ion Ratio Lower Upper

168 100

99 59.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 49.193 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002273.D

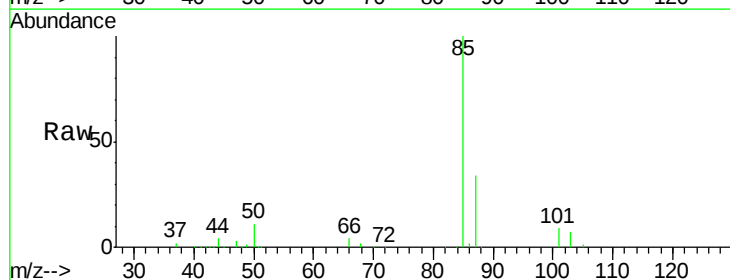
Acq: 09 Apr 2020 15:37

Tgt Ion: 85 Resp: 84943

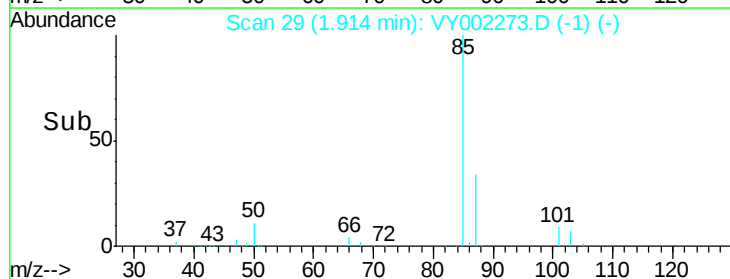
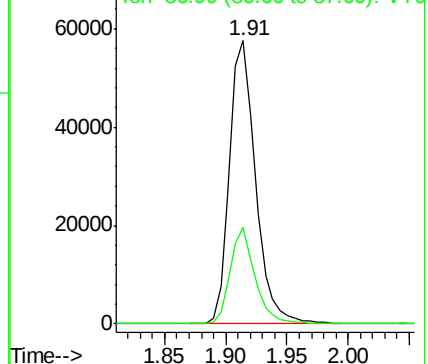
Ion Ratio Lower Upper

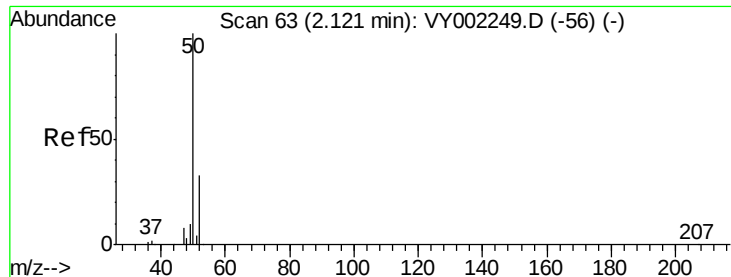
85 100

87 34.0 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 48.270 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

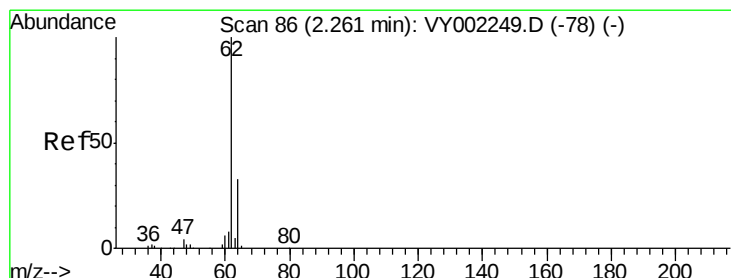
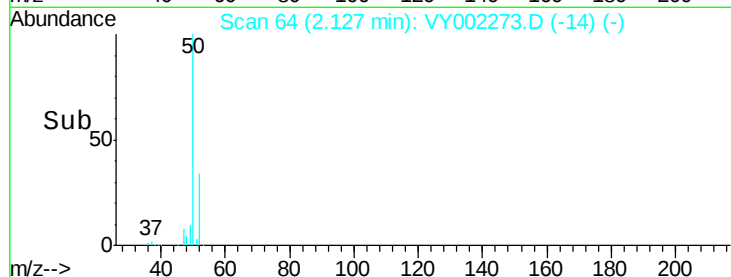
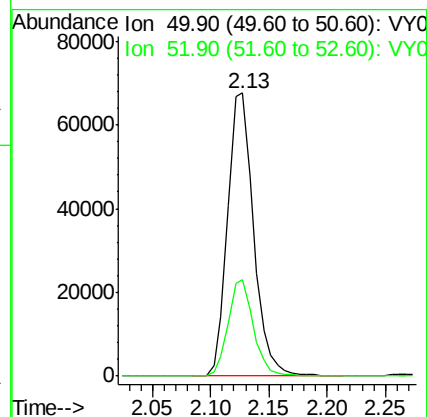
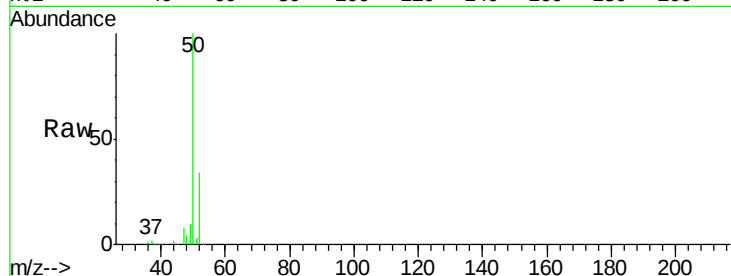
VSTDCCC050EC

Tot Ion: 50 Resp: 104900

Ion Ratio Lower Upper

50 100

52 34.0 26.6 39.8



#4

Vinyl Chloride

Concen: 49.251 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002273.D

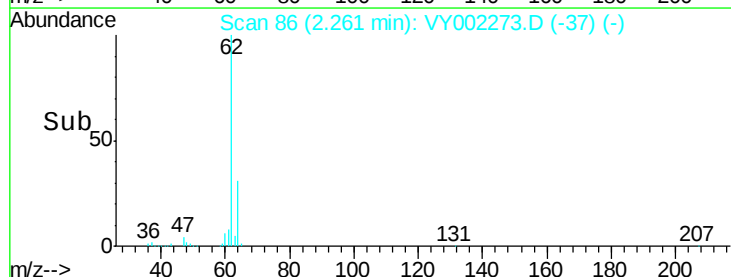
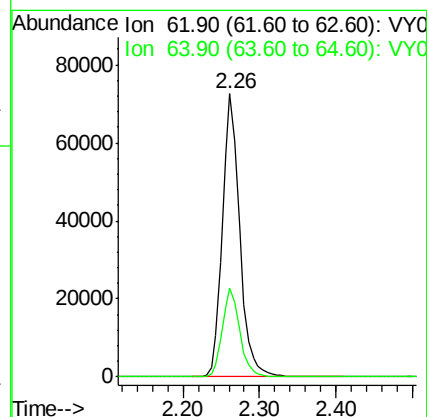
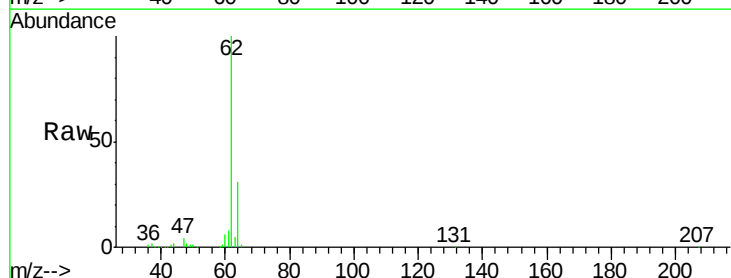
Acq: 09 Apr 2020 15:37

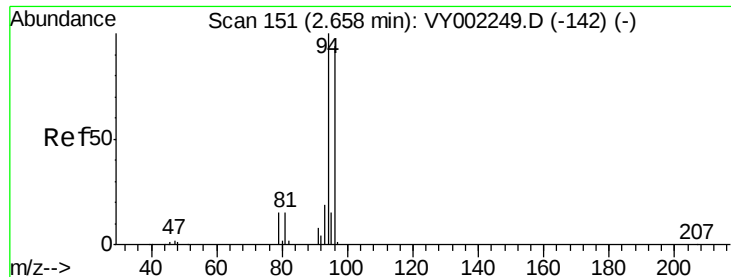
Tgt Ion: 62 Resp: 113923

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2





#5

Bromomethane

Concen: 48.867 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

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ClientSampleId :

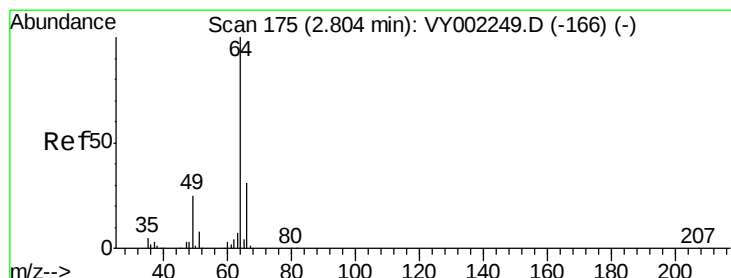
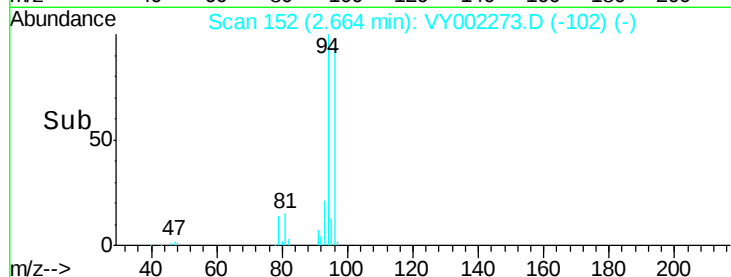
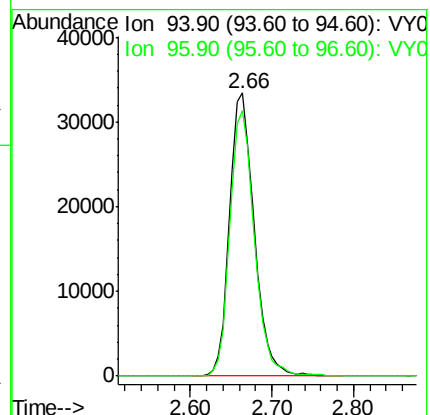
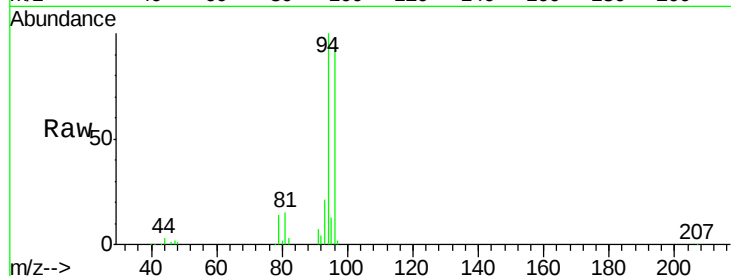
VSTDCCC050EC

Tot Ion: 94 Resp: 69803

Ion Ratio Lower Upper

94 100

96 93.9 75.6 113.4



#6

Chloroethane

Concen: 49.737 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002273.D

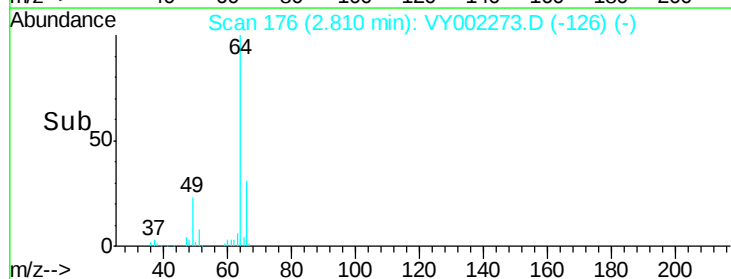
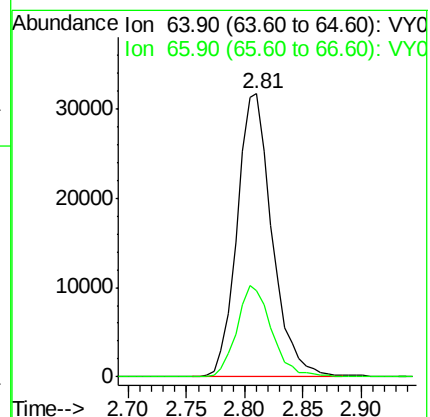
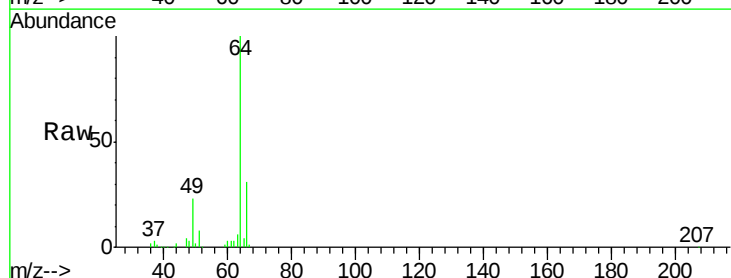
Acq: 09 Apr 2020 15:37

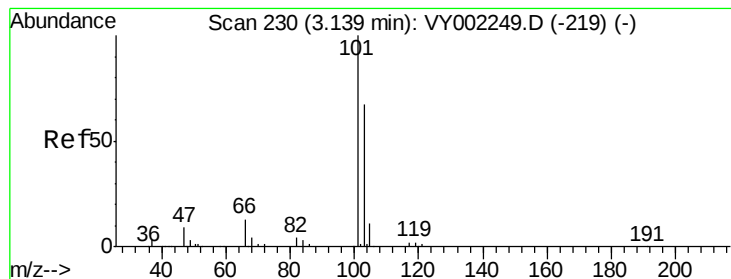
Tgt Ion: 64 Resp: 66350

Ion Ratio Lower Upper

64 100

66 30.6 24.6 37.0



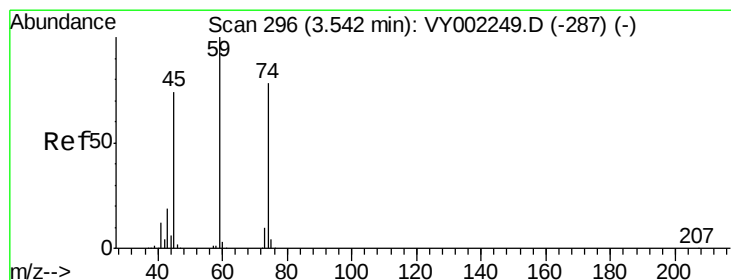
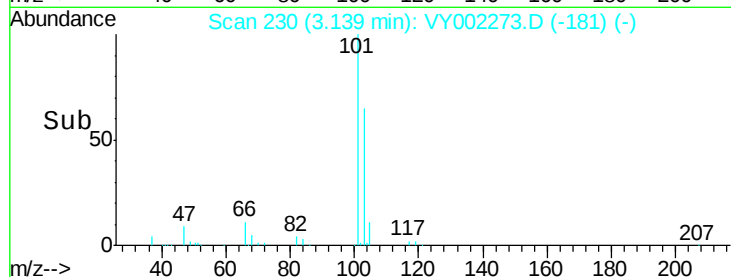
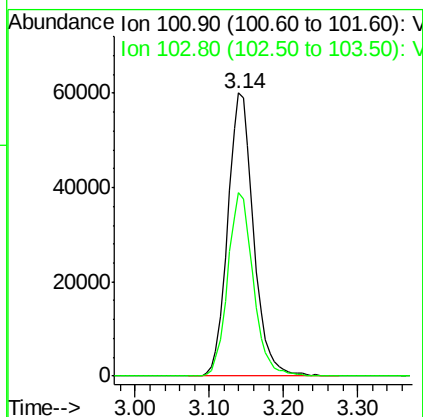
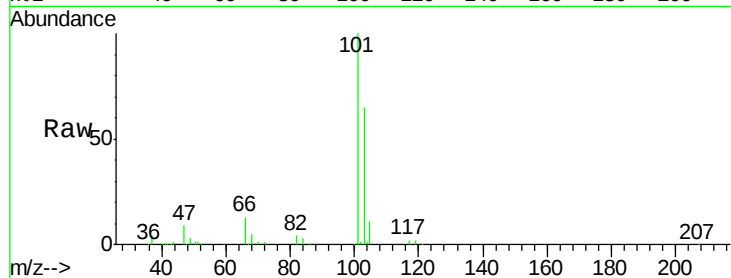


#7

Trichlorofluoromethane
 Concen: 48.825 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002273.D
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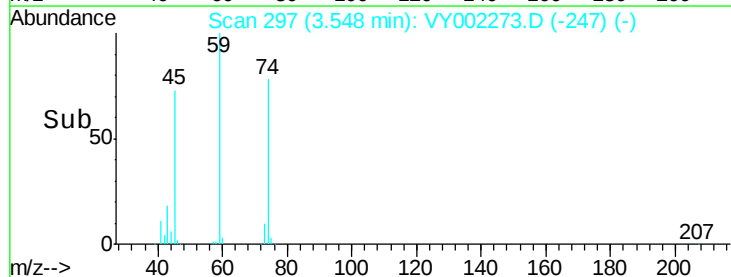
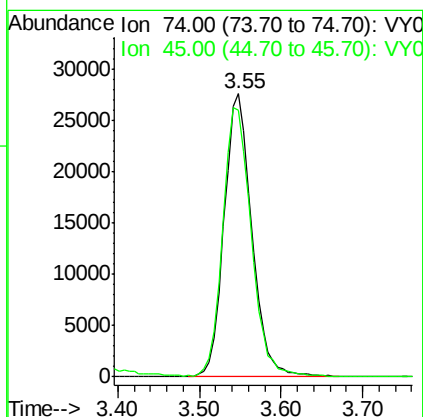
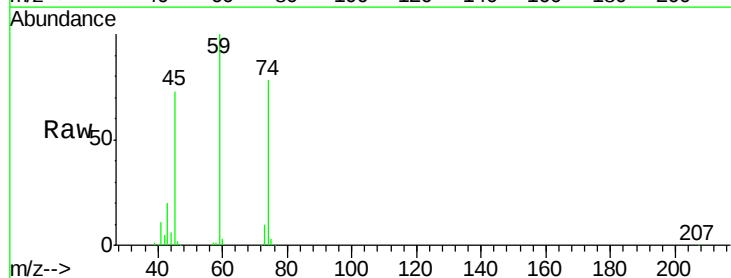
Tot Ion:101 Resp: 145852
 Ion Ratio Lower Upper
 101 100
 103 64.8 53.3 79.9

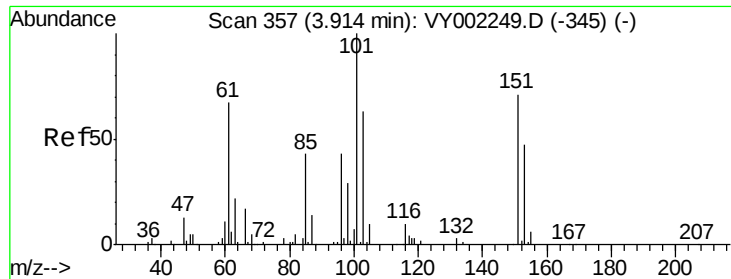


#8

Diethyl Ether
 Concen: 50.970 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion: 74 Resp: 64729
 Ion Ratio Lower Upper
 74 100
 45 98.5 48.0 144.2

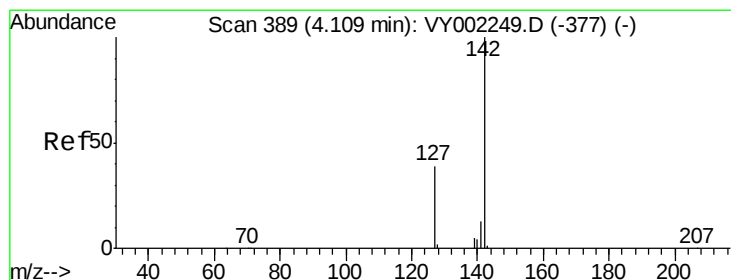
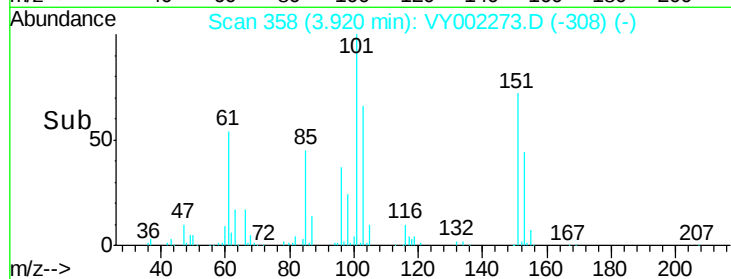
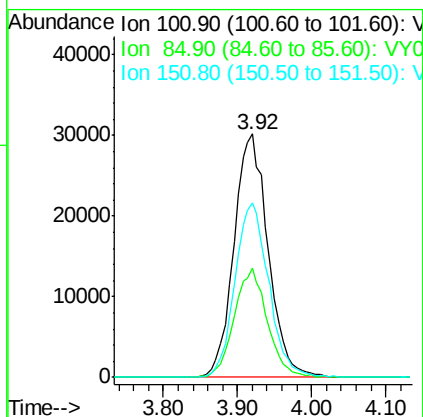
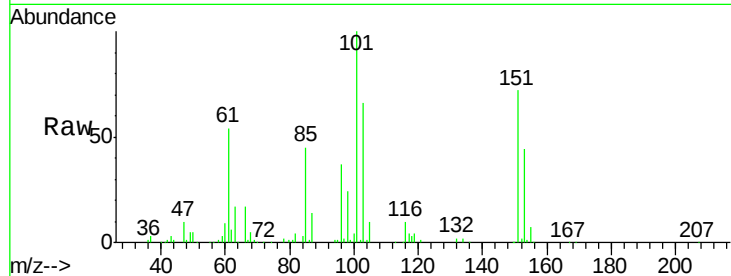




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.870 ug/l
 RT: 3.92 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

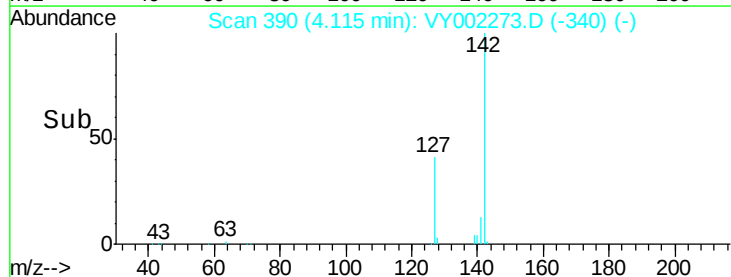
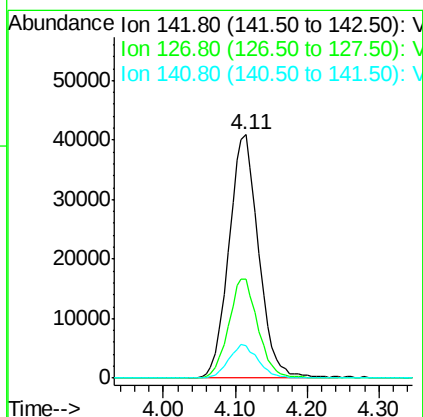
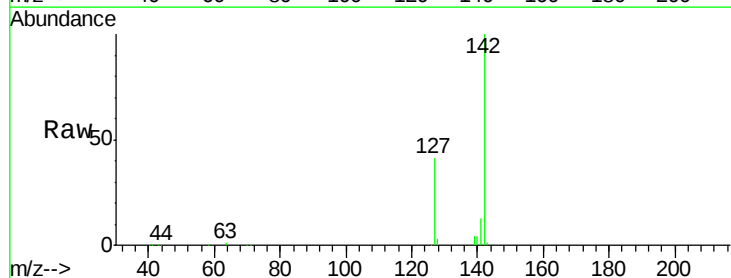
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

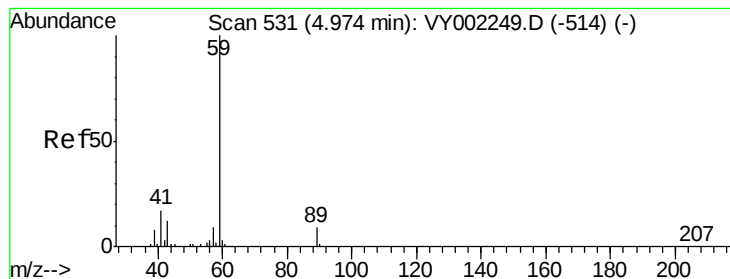
Tot Ion	101	Resp	97136
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.6	52.0
151	71.1	57.6	86.4



#10
 Methyl Iodide
 Concen: 49.805 ug/l
 RT: 4.11 min Scan# 390
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion	142	Resp	117473
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.4	48.6
141	13.6	11.2	16.8



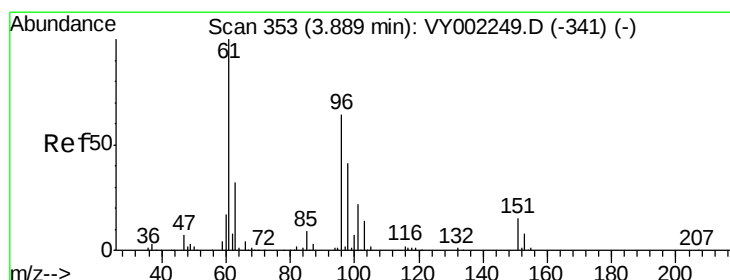
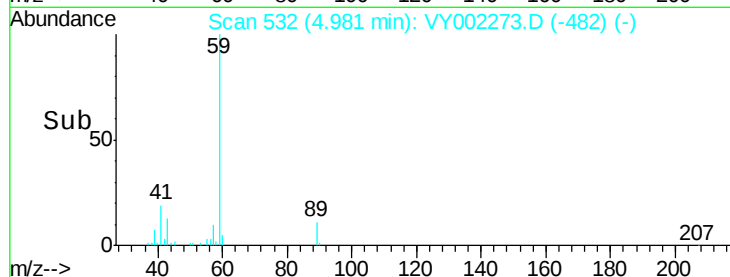
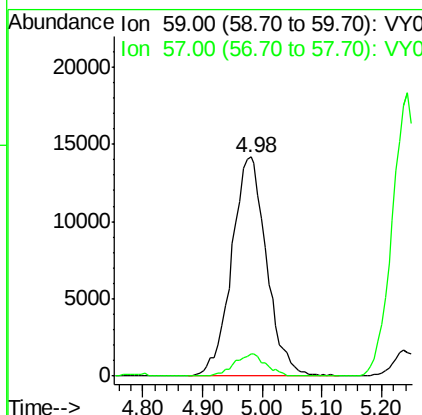
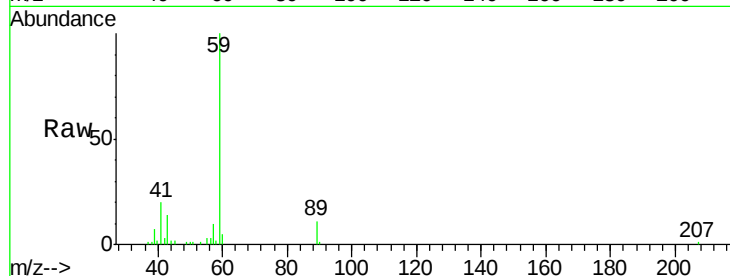


#11

Tert butyl alcohol
 Concen: 288.916 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

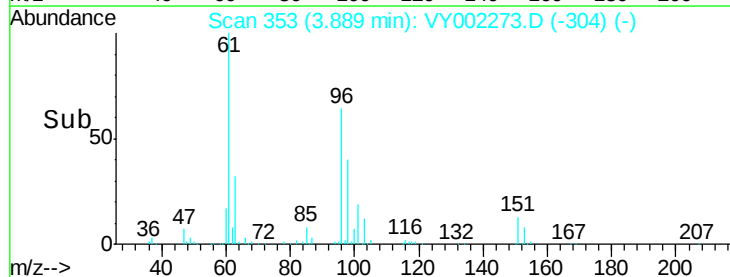
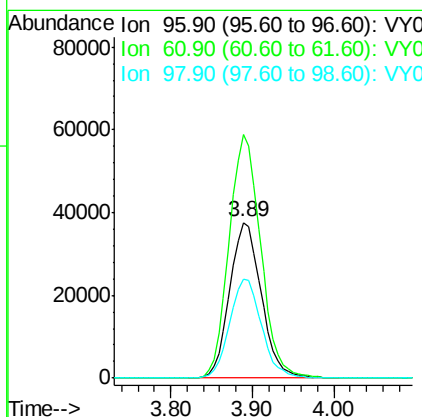
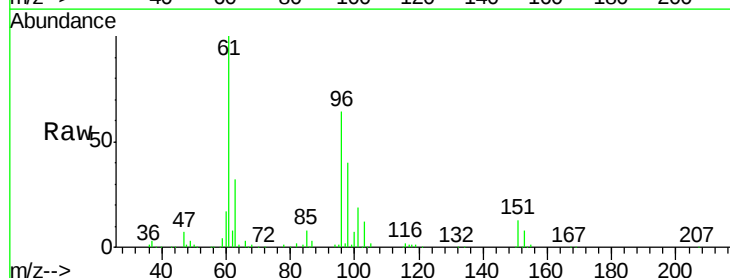
Tot Ion: 59 Resp: 57421
 Ion Ratio Lower Upper
 59 100
 57 9.2 6.6 9.8

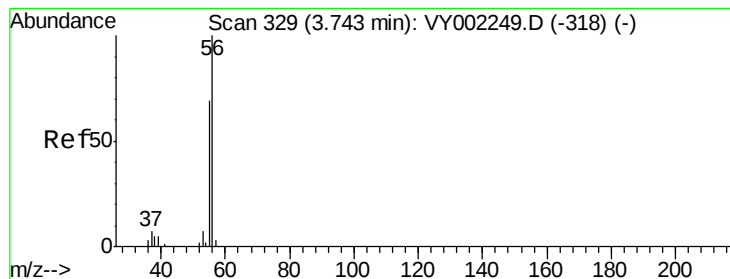


#12

1,1-Dichloroethene
 Concen: 48.925 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion: 96 Resp: 100932
 Ion Ratio Lower Upper
 96 100
 61 156.7 125.9 188.9
 98 63.3 51.1 76.7





#13

Acrolein

Concen: 223.573 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

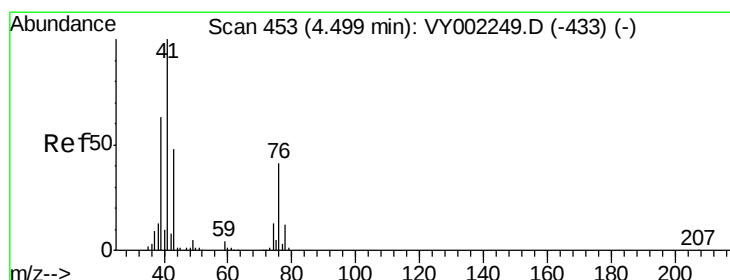
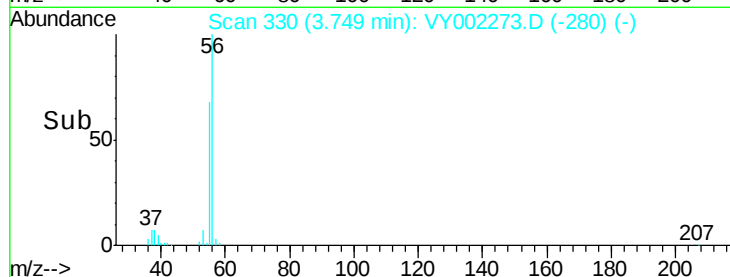
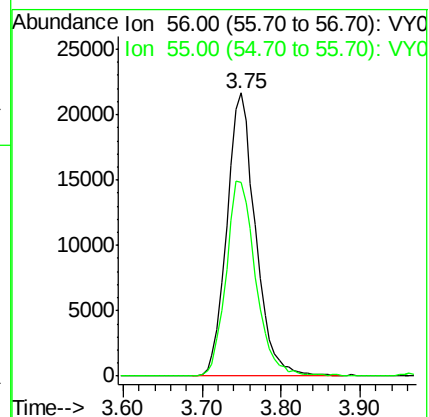
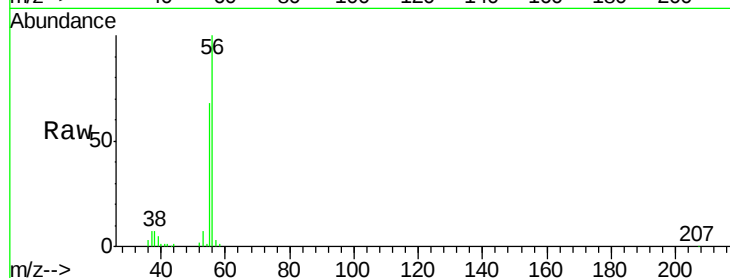
VSTDCCC050EC

Tot Ion: 56 Resp: 54771

Ion Ratio Lower Upper

56 100

55 70.8 55.8 83.8



#14

Allyl chloride

Concen: 52.842 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

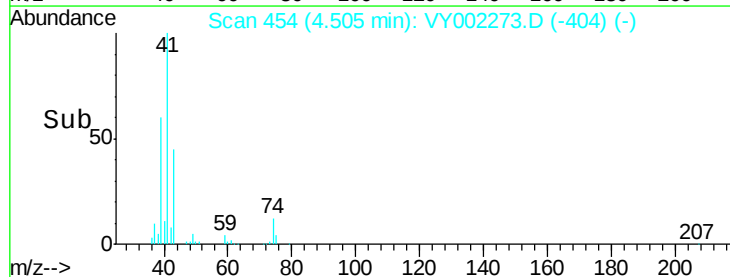
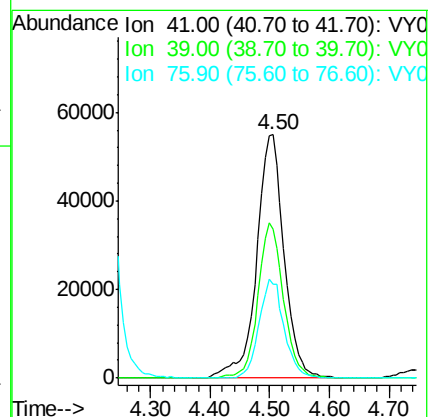
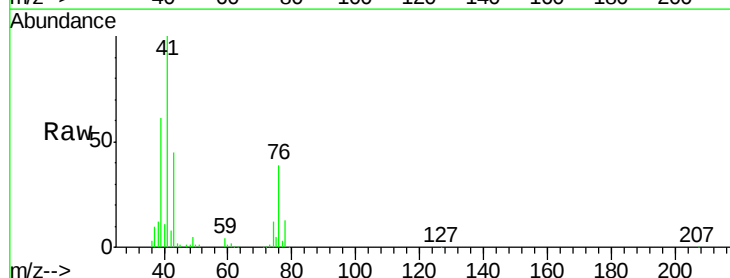
Tgt Ion: 41 Resp: 176037

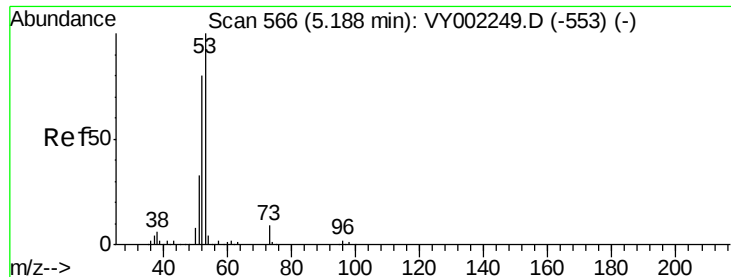
Ion Ratio Lower Upper

41 100

39 59.3 48.0 72.0

76 36.9 31.0 46.6





#15

Acrylonitrile

Concen: 259.548 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

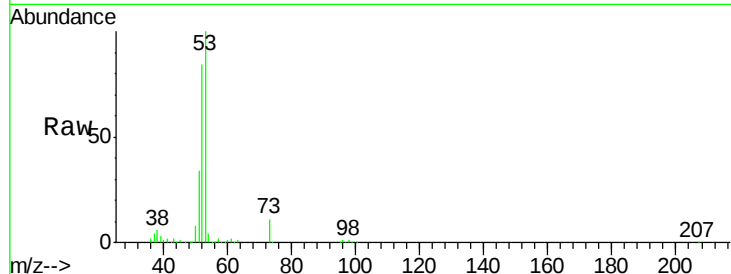
Tot Ion: 53 Resp: 168556

Ion Ratio Lower Upper

53 100

52 82.2 65.1 97.7

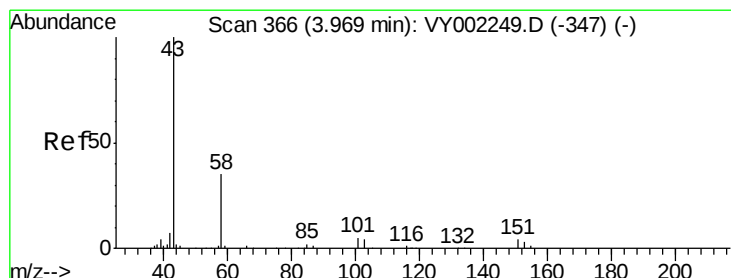
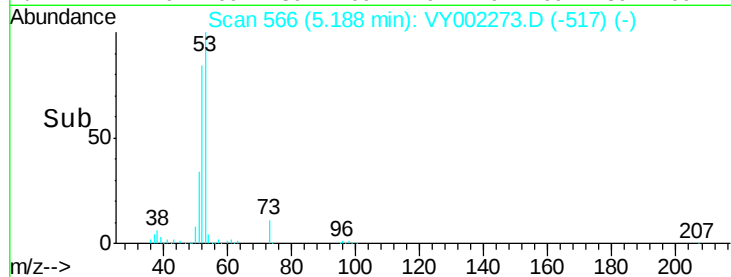
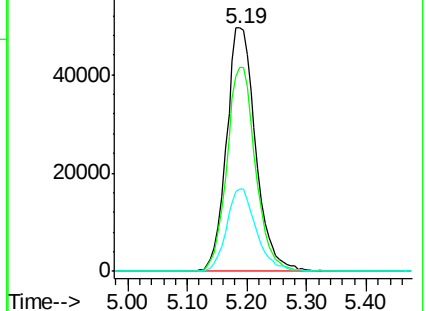
51 34.3 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 257.013 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002273.D

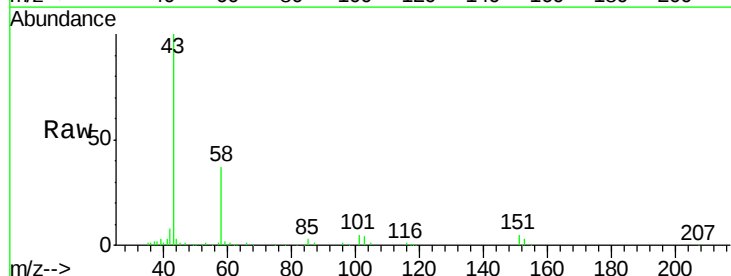
Acq: 09 Apr 2020 15:37

Tgt Ion: 43 Resp: 128616

Ion Ratio Lower Upper

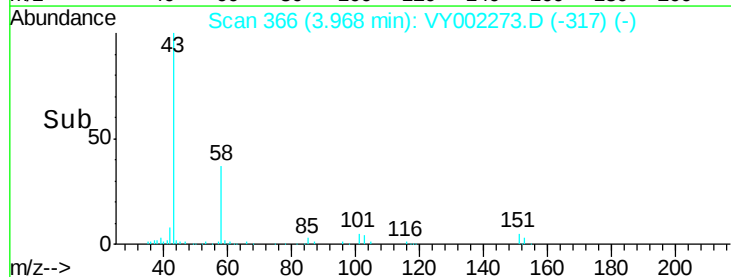
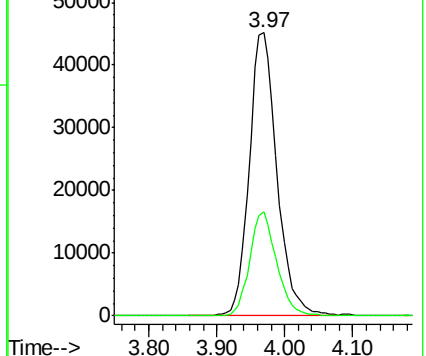
43 100

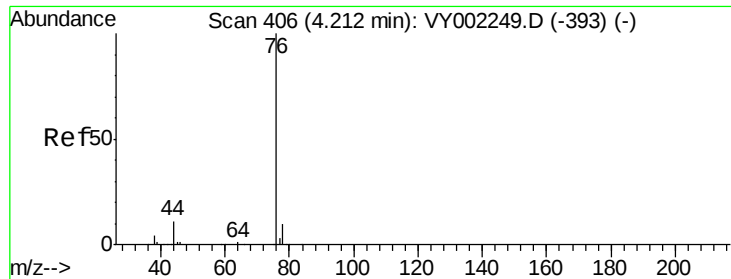
58 37.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

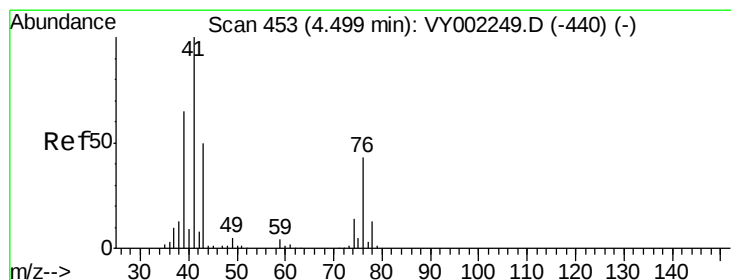
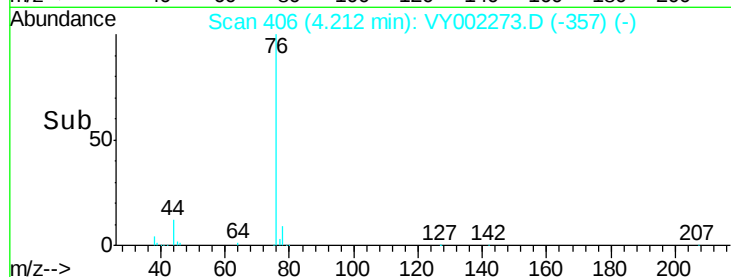
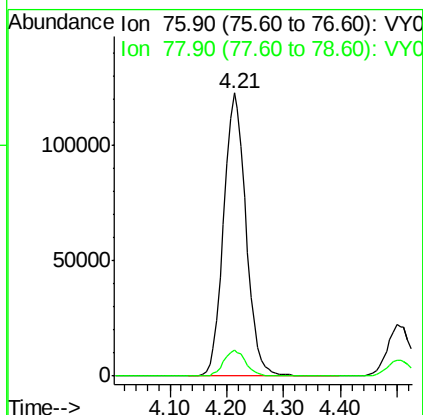
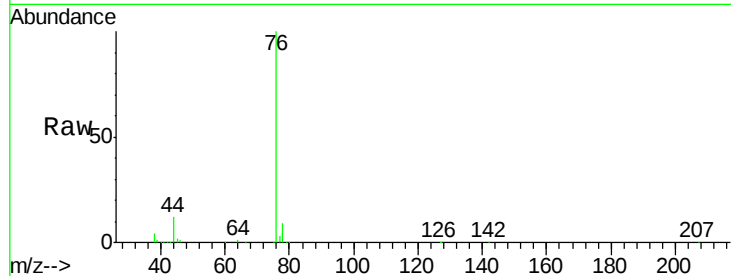




#17
 Carbon Disulfide
 Concen: 48.864 ug/l
 RT: 4.21 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

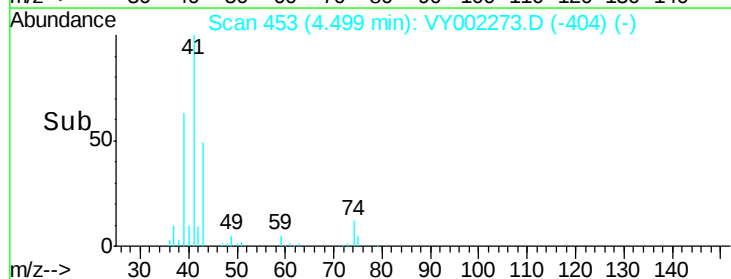
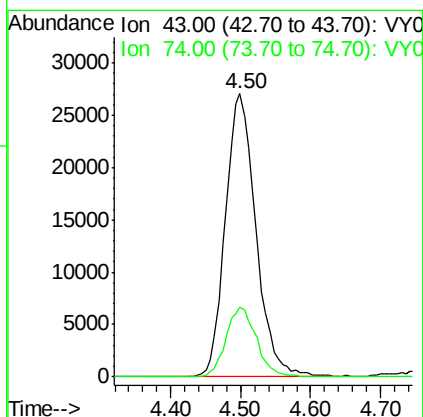
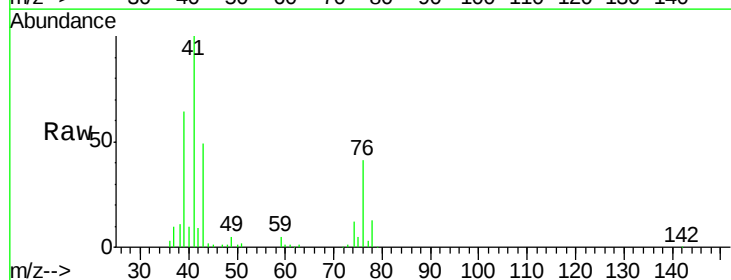
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

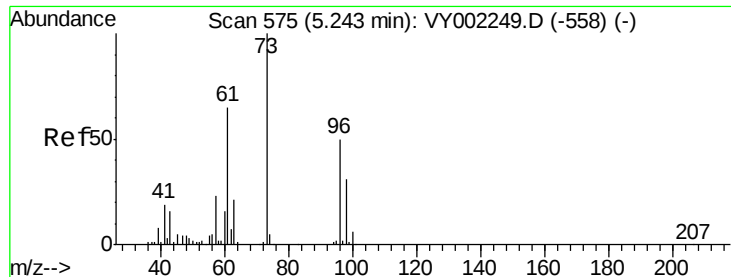
Tot Ion: 76 Resp: 334787
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.7 11.5



#18
 Methyl Acetate
 Concen: 52.949 ug/l
 RT: 4.50 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion: 43 Resp: 82188
 Ion Ratio Lower Upper
 43 100
 74 24.4 20.3 30.5

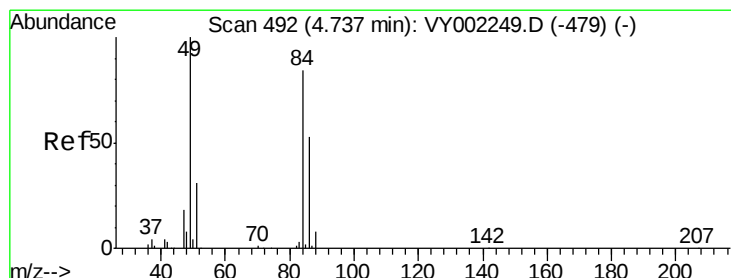
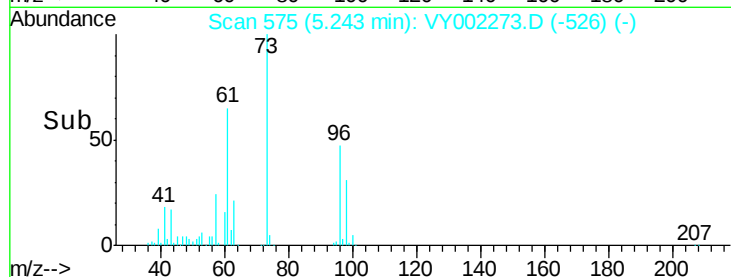
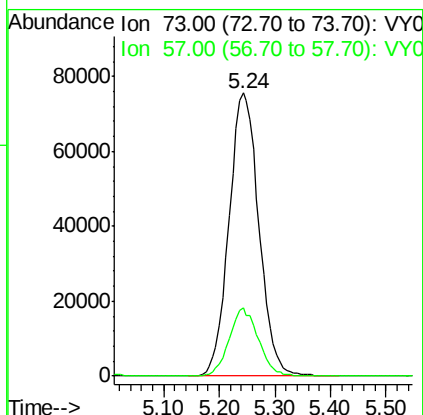
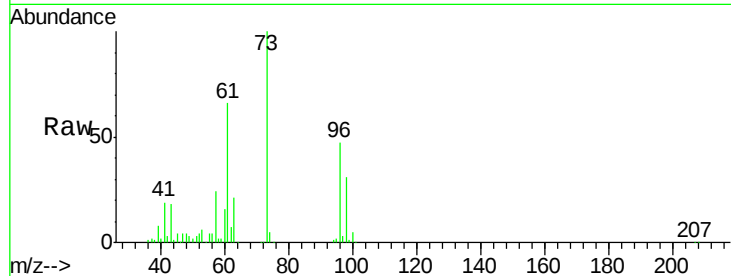




#19
Methvl tert-butvl Ether
Concen: 51.805 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

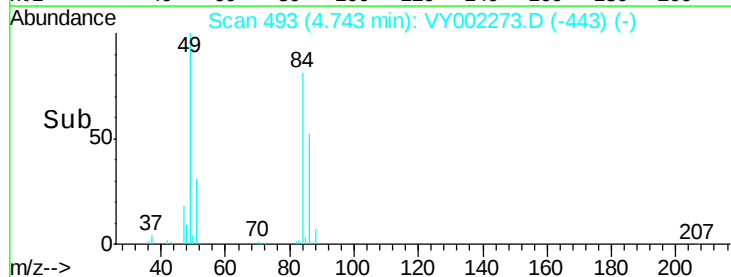
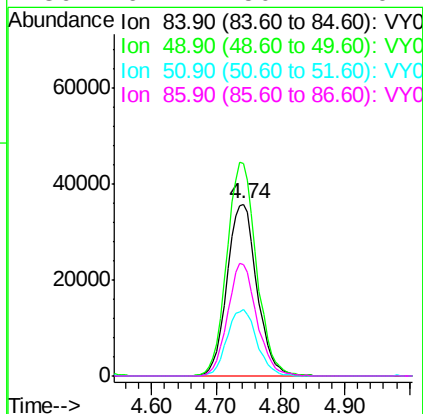
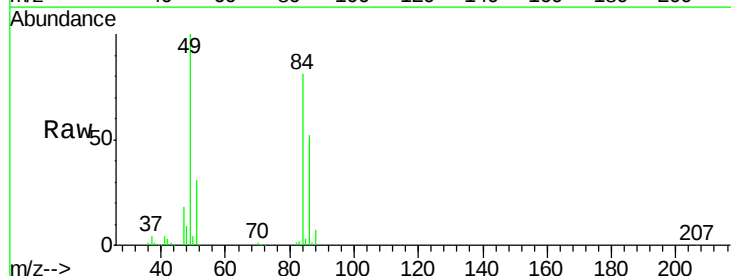
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

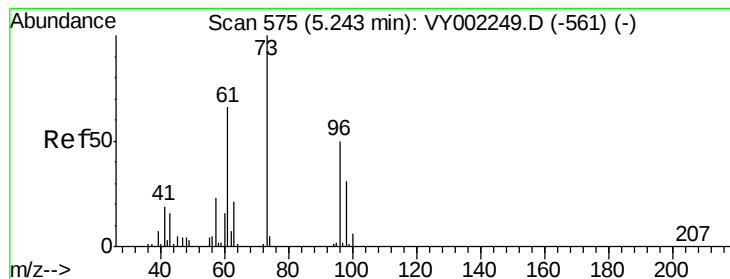
Tot Ion: 73 Resp: 280965
Ion Ratio Lower Upper
73 100
57 24.2 18.7 28.1



#20
Methylene Chloride
Concen: 47.243 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion: 84 Resp: 116201
Ion Ratio Lower Upper
84 100
49 123.7 95.5 143.3
51 38.7 29.5 44.3
86 64.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.744 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

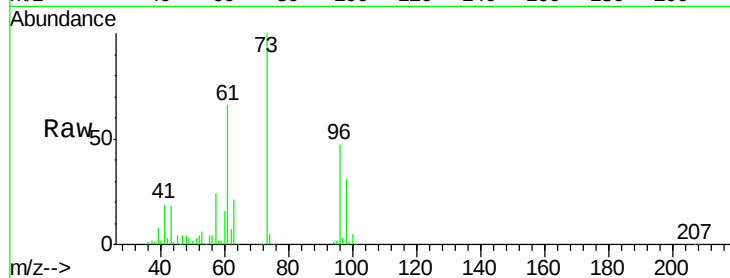
Tot Ion: 96 Resp: 112871

Ion Ratio Lower Upper

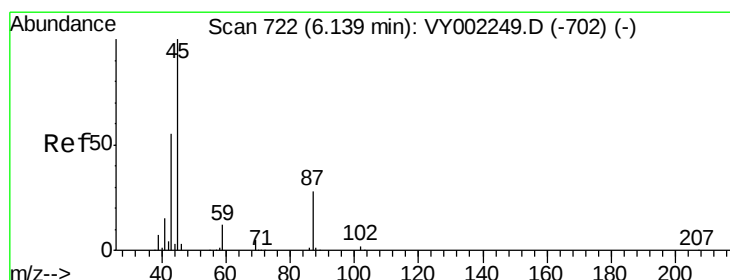
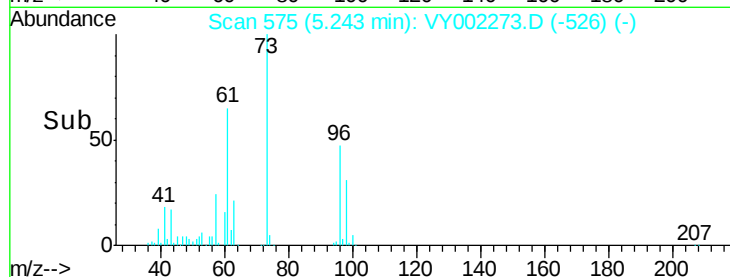
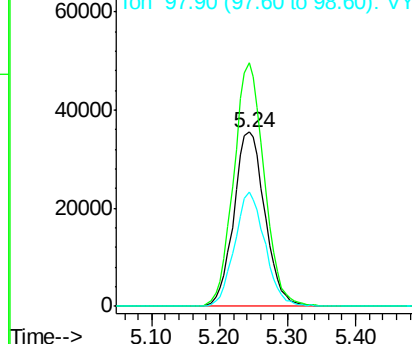
96 100

61 139.7 104.6 157.0

98 65.4 50.1 75.1



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: 52.552 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Tgt Ion: 45 Resp: 352323

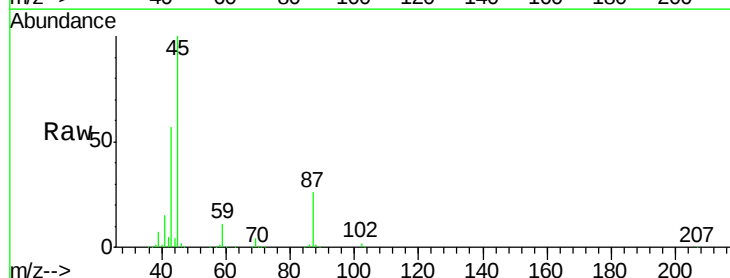
Ion Ratio Lower Upper

45 100

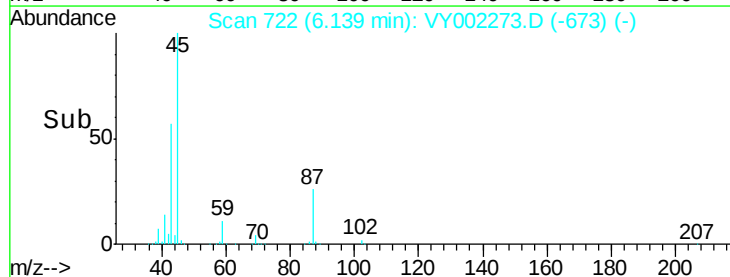
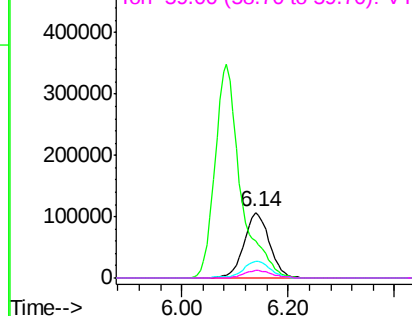
43 57.1 44.7 67.1

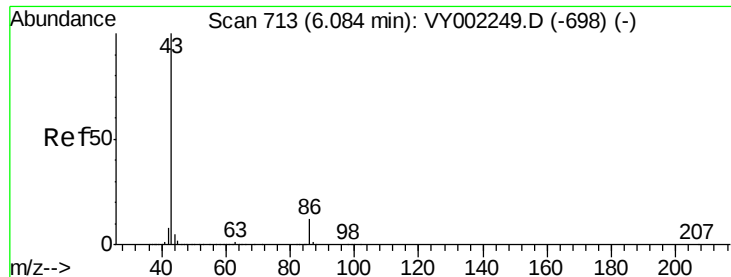
87 26.4 23.0 34.4

59 11.4 10.1 15.1



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: 271.206 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

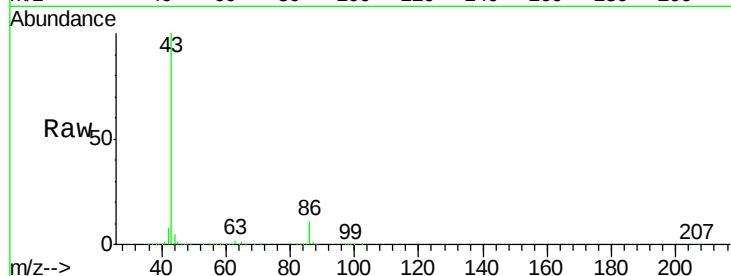
VSTDCCC050EC

Tot Ion: 43 Resp: 1158685

Ion Ratio Lower Upper

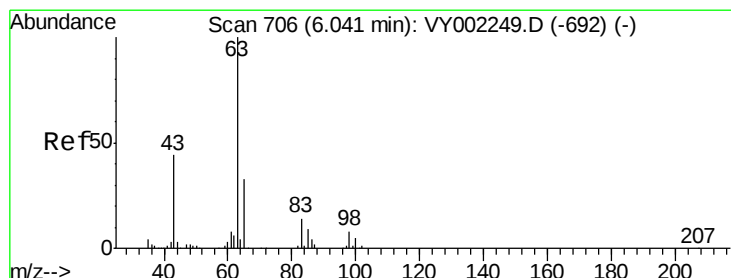
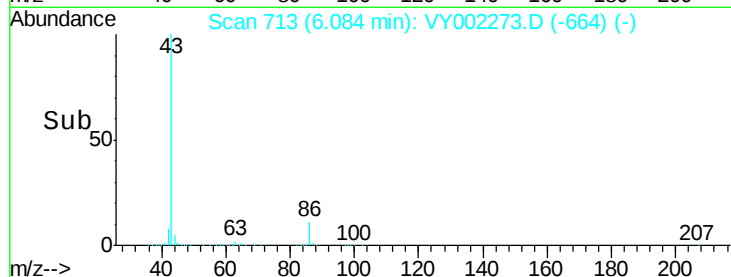
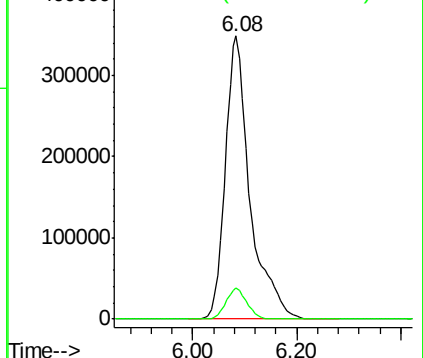
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.234 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

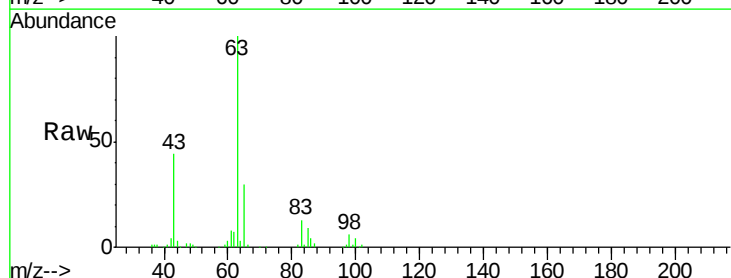
Tgt Ion: 63 Resp: 195370

Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.0

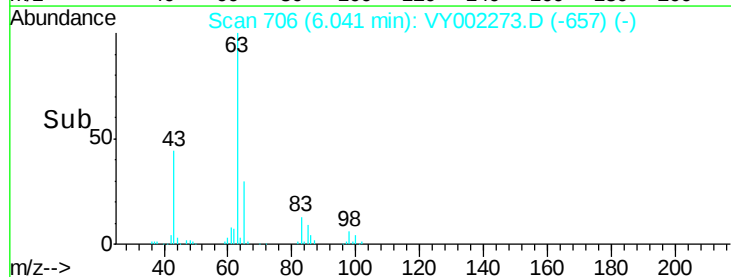
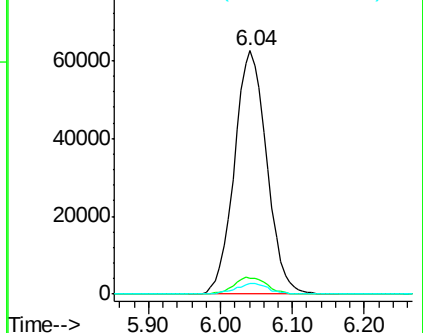
100 4.4 2.4 7.1

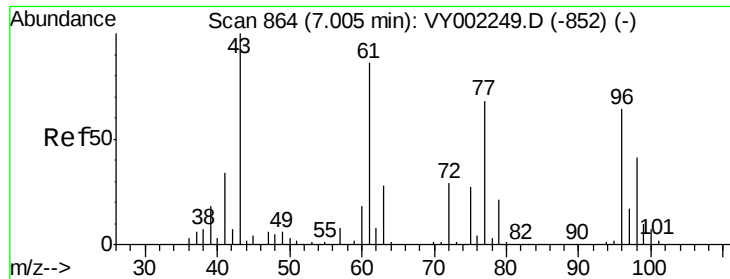


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

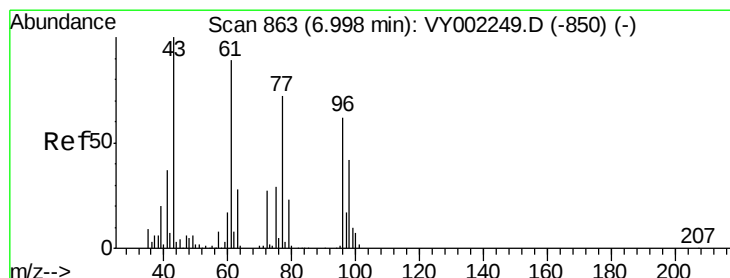
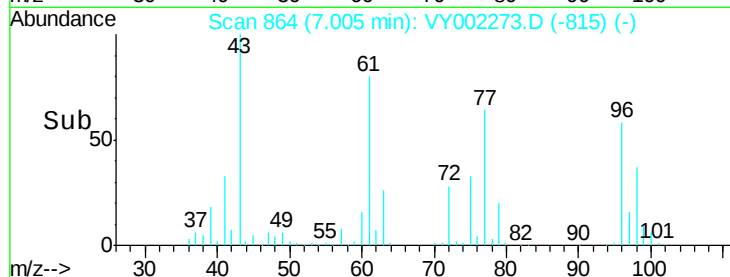
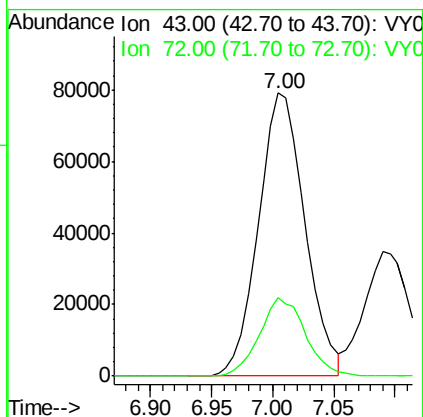
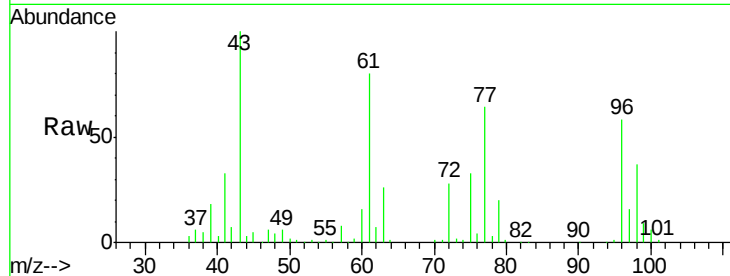




#25
2-Butanone
Concen: 264.237 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

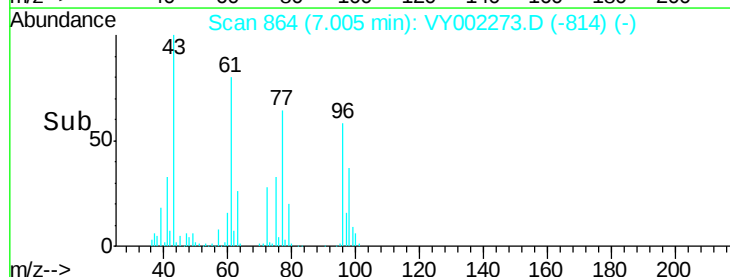
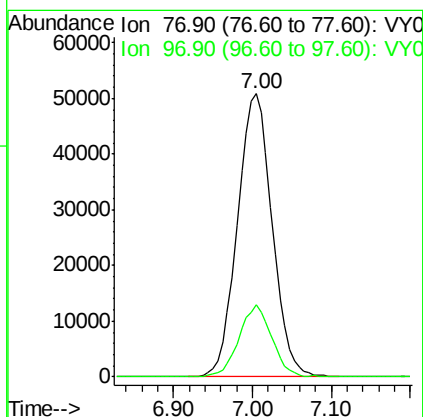
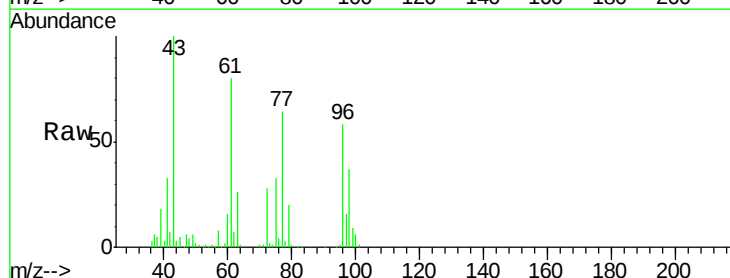
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

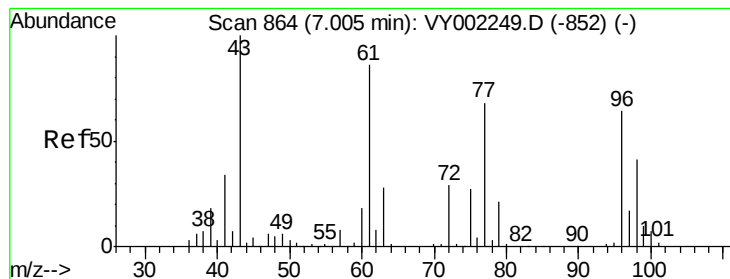
Tot Ion: 43 Resp: 209262
Ion Ratio Lower Upper
43 100
72 27.6 23.2 34.8



#26
2,2-Dichloropropane
Concen: 48.625 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion: 77 Resp: 155108
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6



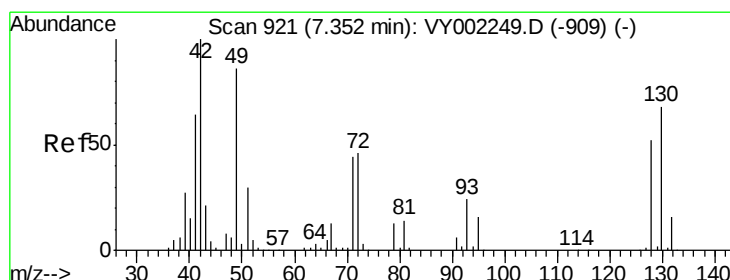
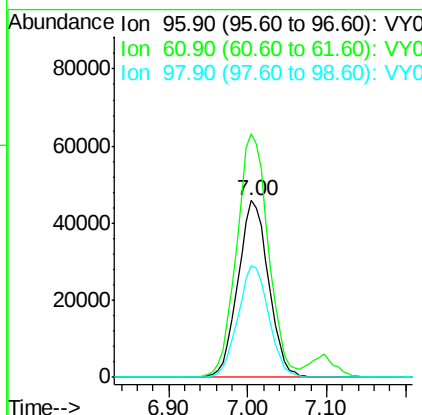
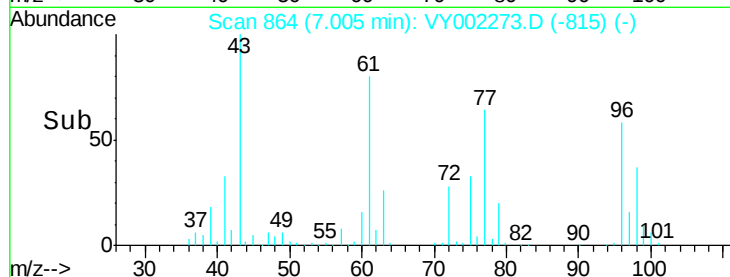
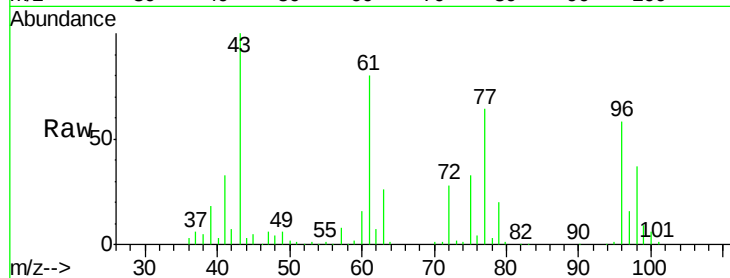


#27

cis-1,2-Dichloroethene
Concen: 48.965 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

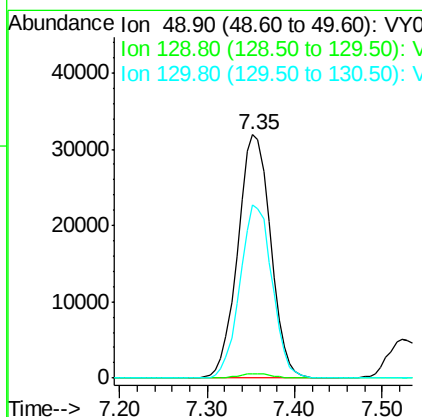
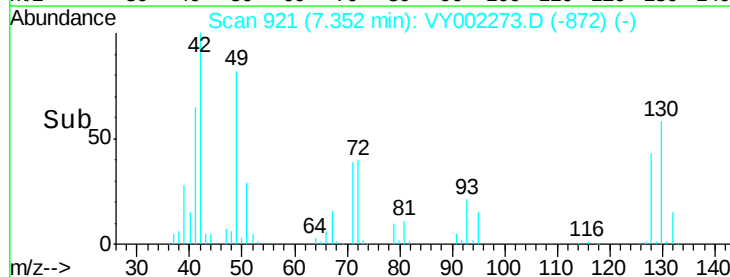
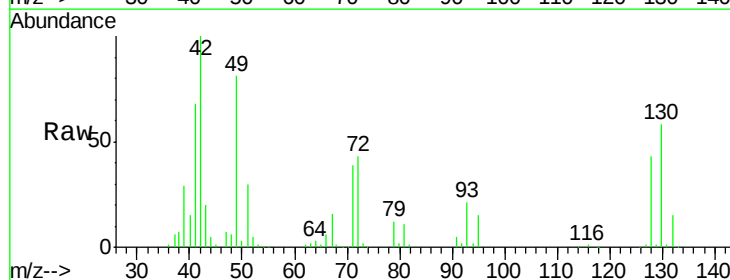
Tot Ion	96	Resp	123598
Ion Ratio	Lower	Upper	
96	100		
61	143.0	0.0	278.0
98	64.0	0.0	128.6

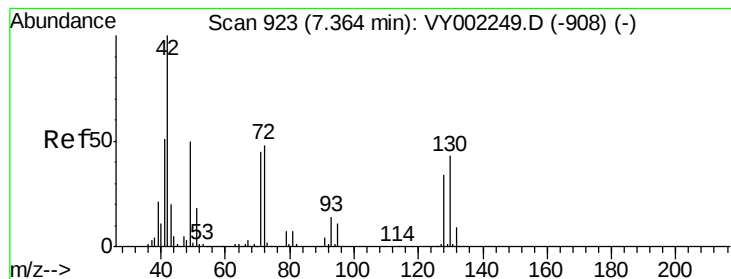


#28

Bromochloromethane
Concen: 50.688 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion	49	Resp	83439
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.2
130	69.7	60.9	91.3





#29

Tetrahydrofuran

Concen: 268.395 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

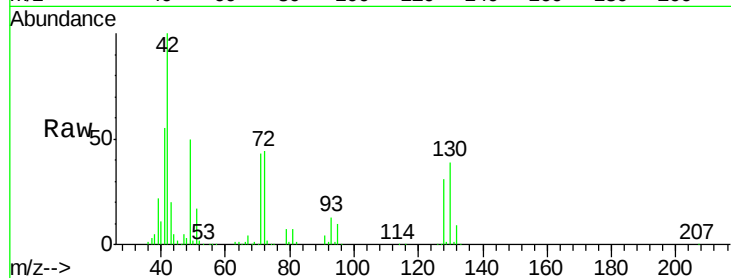
Tot Ion: 42 Resp: 140504

Ion Ratio Lower Upper

42 100

72 43.6 36.7 55.1

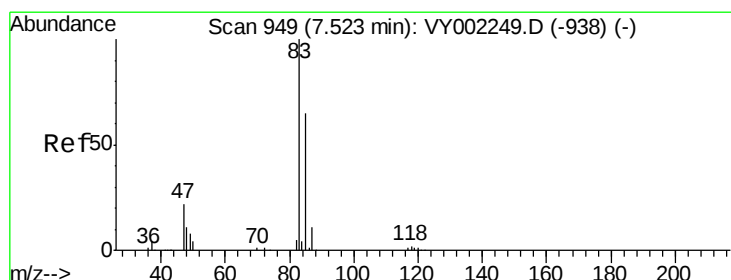
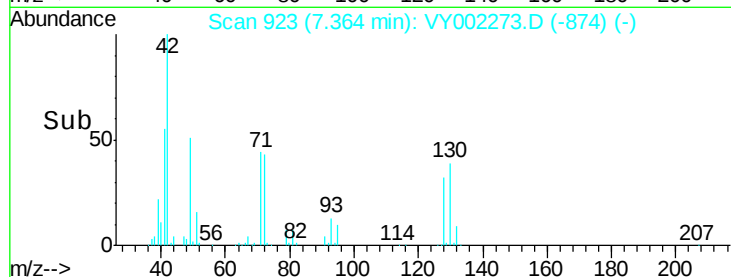
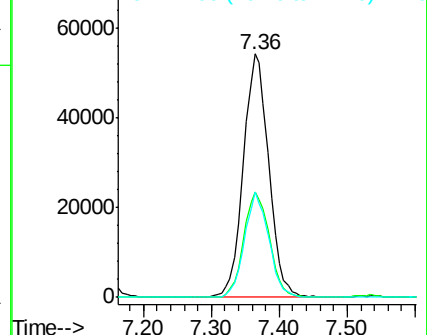
71 41.2 34.7 52.1



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: 51.101 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY002273.D

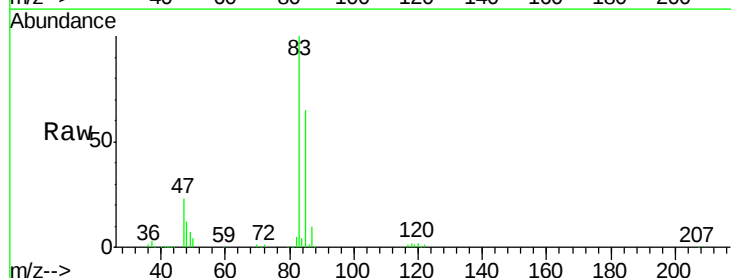
Acq: 09 Apr 2020 15:37

Tgt Ion: 83 Resp: 183689

Ion Ratio Lower Upper

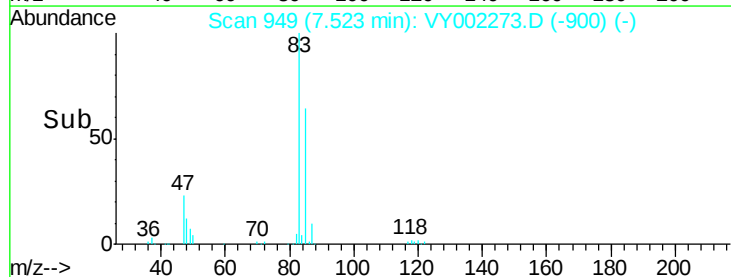
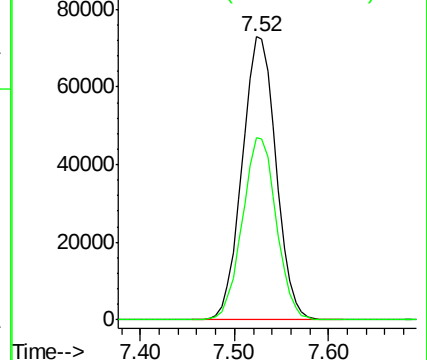
83 100

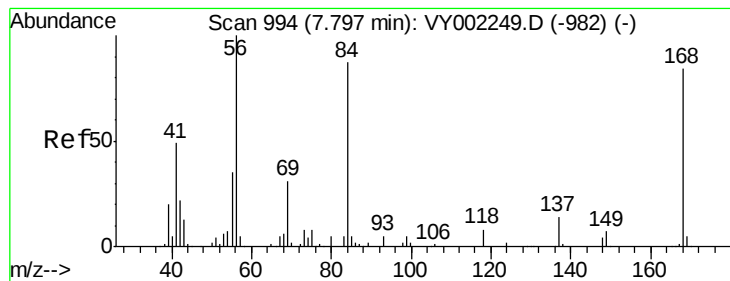
85 64.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.336 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

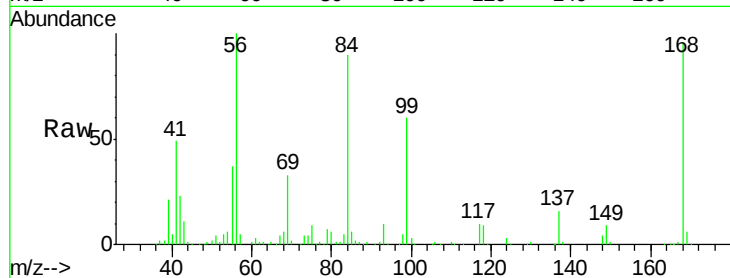
Tot Ion: 56 Resp: 193477

Ion Ratio Lower Upper

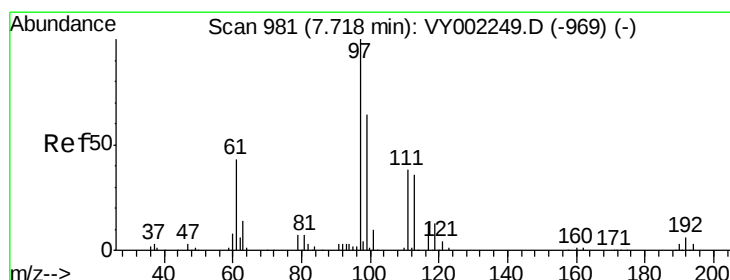
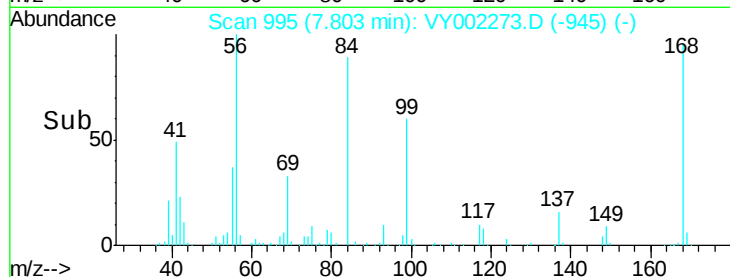
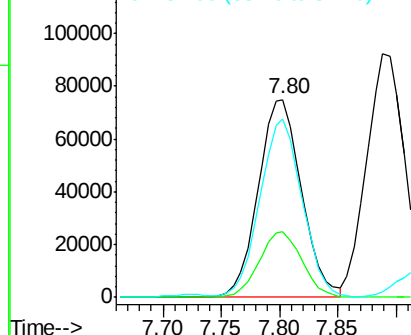
56 100

69 32.9 25.0 37.6

84 88.5 69.7 104.5



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: 50.760 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

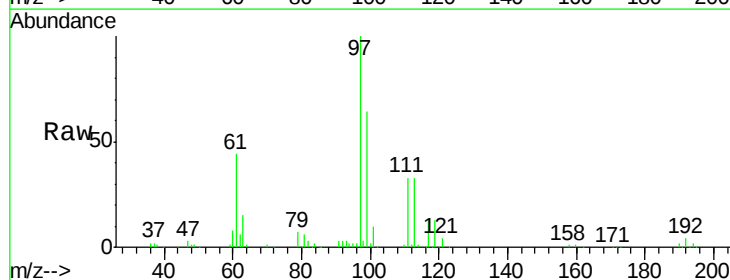
Tgt Ion: 97 Resp: 151871

Ion Ratio Lower Upper

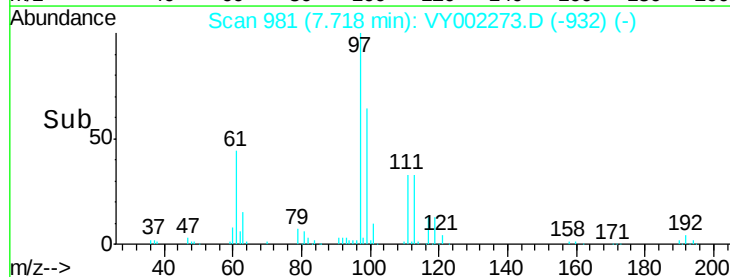
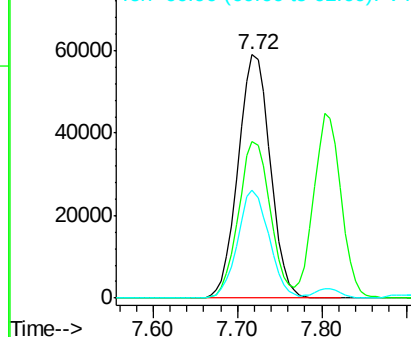
97 100

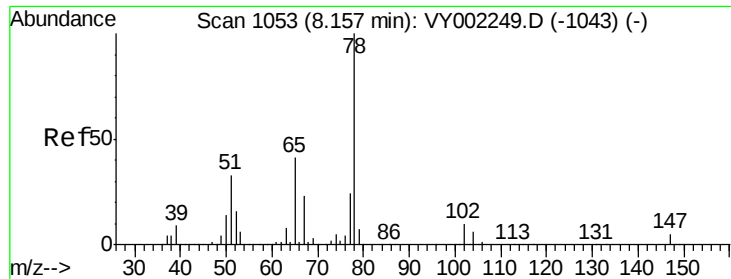
99 64.0 51.3 76.9

61 43.4 34.3 51.5



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

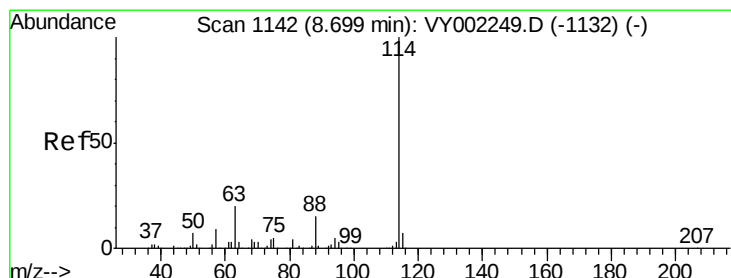
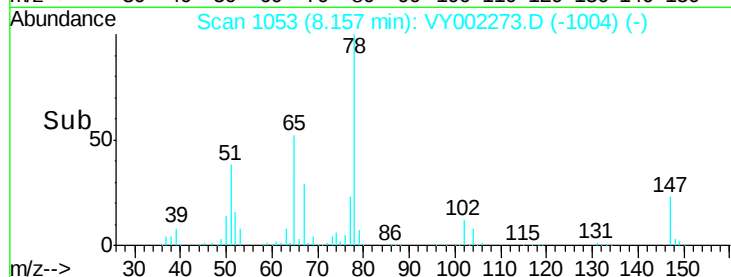
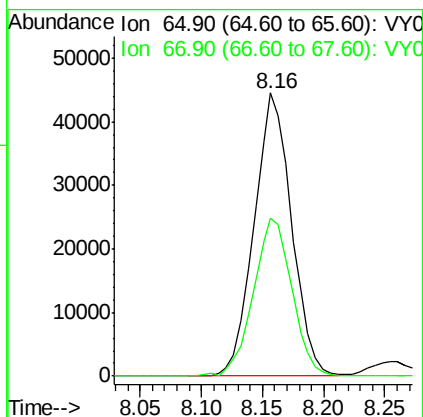
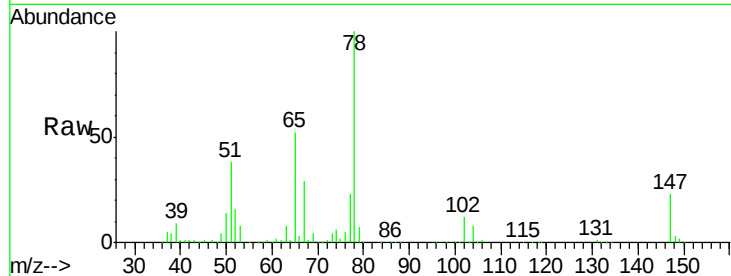




#33
 1,2-Dichloroethane-d4
 Concen: 50.033 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

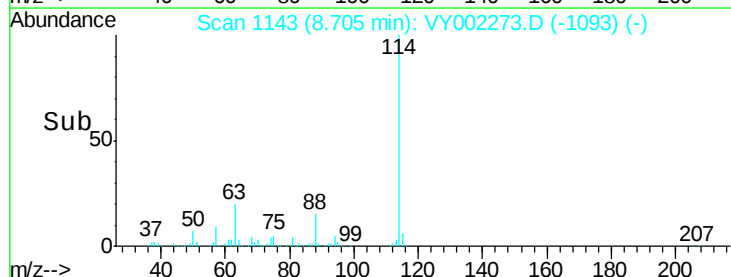
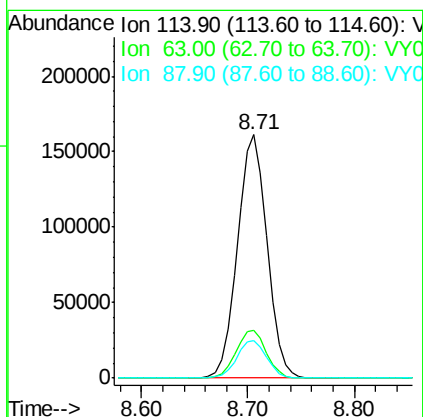
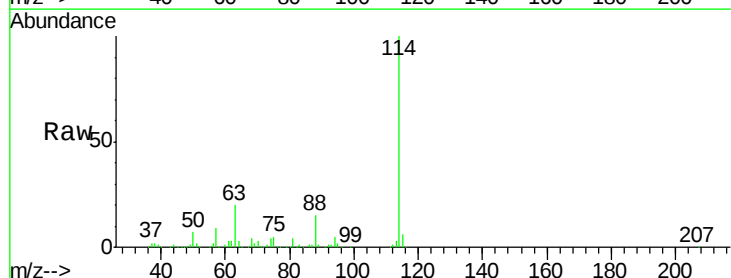
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

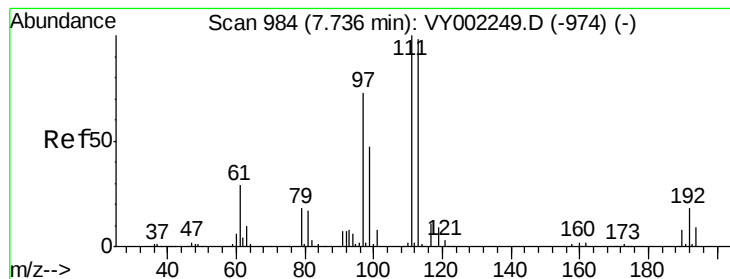
Tot Ion: 65 Resp: 95063
 Ion Ratio Lower Upper
 65 100
 67 57.3 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion: 114 Resp: 314147
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.677 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

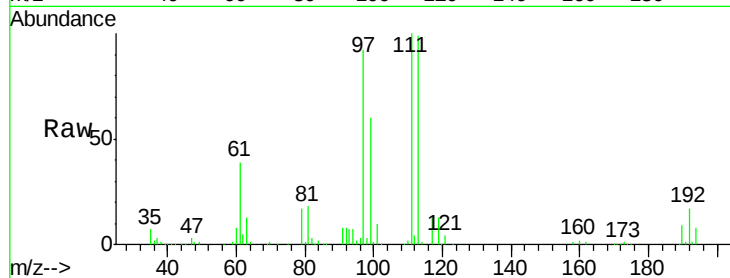
Tot Ion:113 Resp: 90991

Ion Ratio Lower Upper

113 100

111 104.8 83.5 125.3

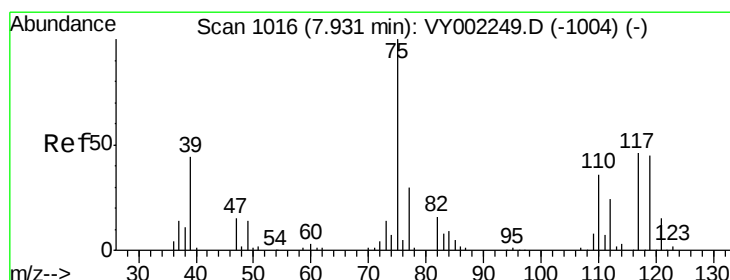
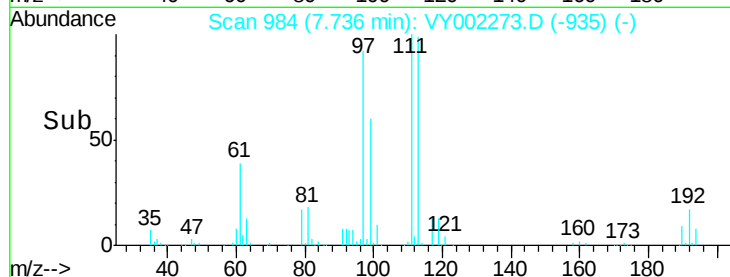
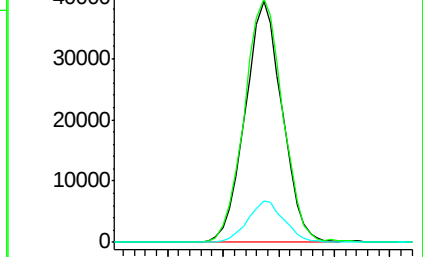
192 17.1 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.776 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

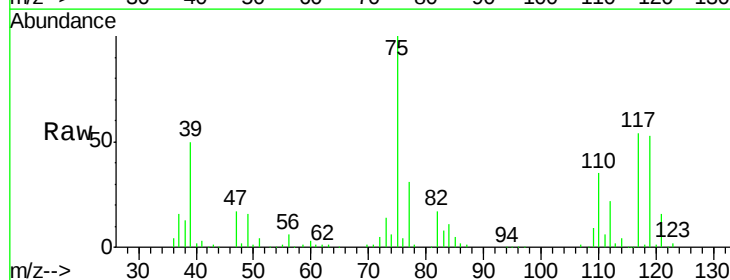
Tgt Ion: 75 Resp: 150929

Ion Ratio Lower Upper

75 100

110 35.0 17.8 53.3

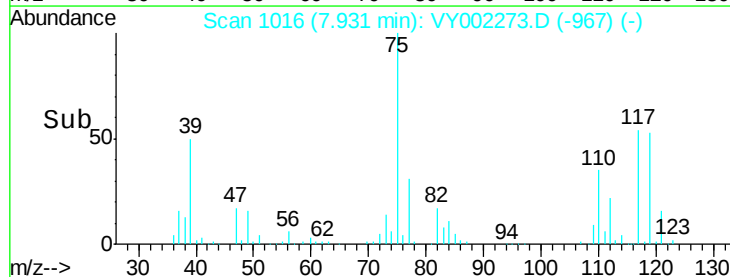
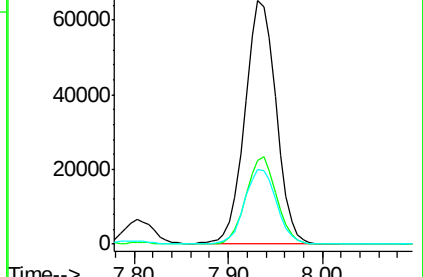
77 31.4 24.4 36.6

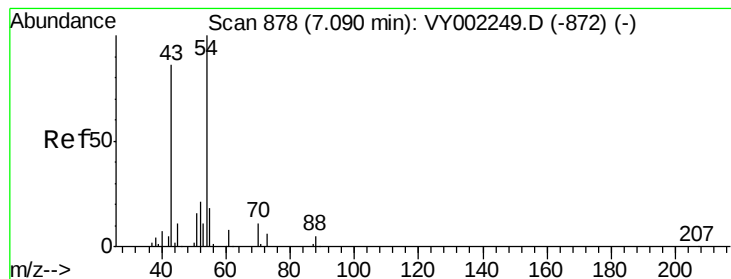


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 52.943 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

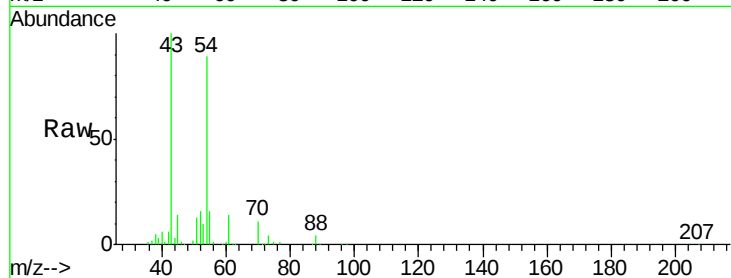
Tot Ion: 43 Resp: 93589

Ion Ratio Lower Upper

43 100

61 14.2 11.8 17.6

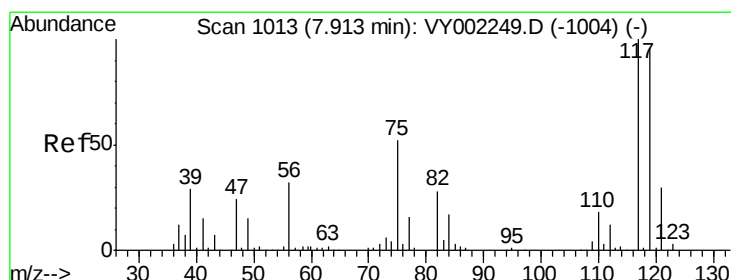
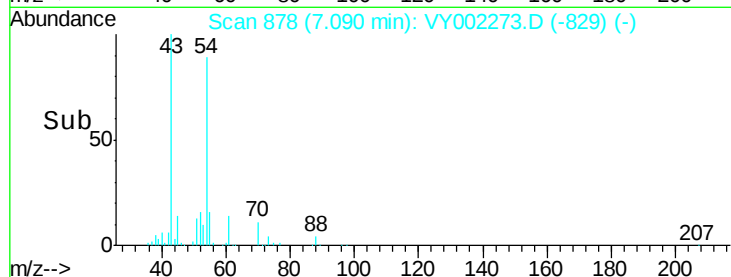
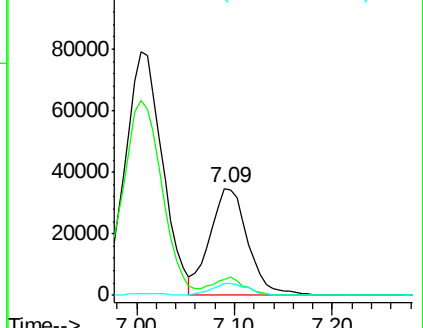
70 10.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VY002273.D (-829) (-)

Ion 60.90 (60.60 to 61.60): VY002273.D (-829) (-)

Ion 70.00 (69.70 to 70.70): VY002273.D (-829) (-)



#38

Carbon Tetrachloride

Concen: 49.647 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

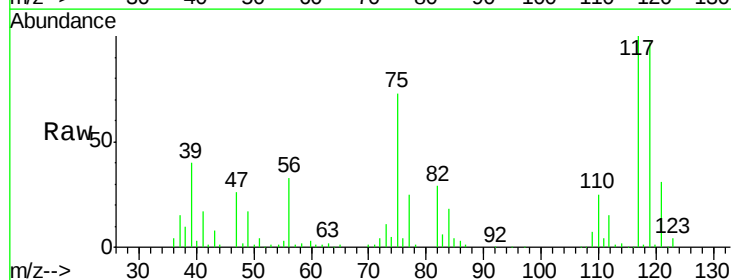
Tgt Ion: 117 Resp: 131405

Ion Ratio Lower Upper

117 100

119 96.7 77.1 115.7

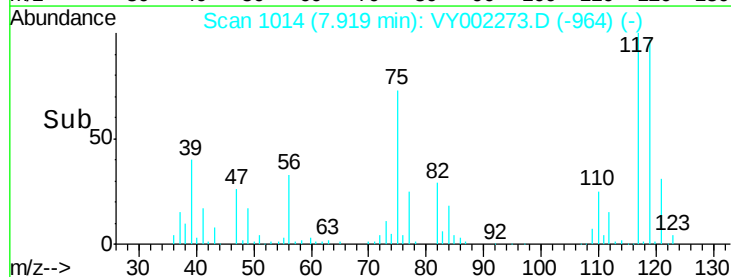
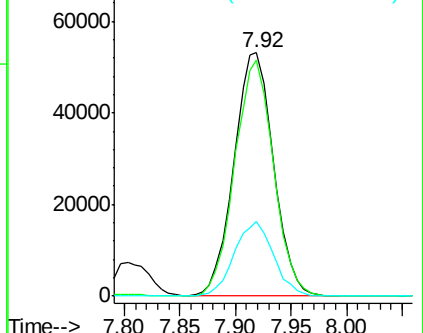
121 30.6 23.9 35.9

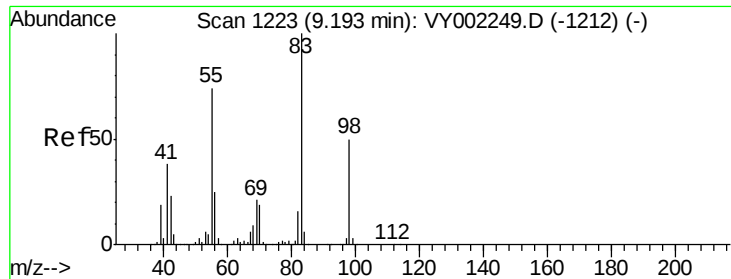


Abundance Ion 116.80 (116.50 to 117.50): VY002273.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY002273.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY002273.D (-964) (-)

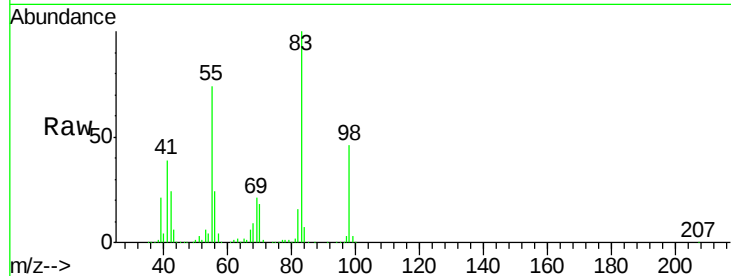




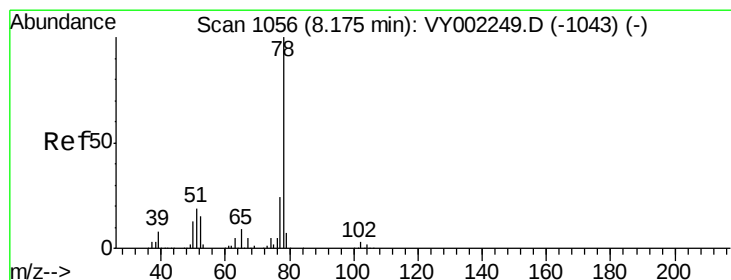
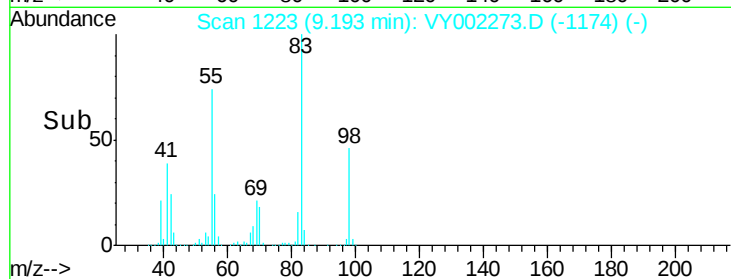
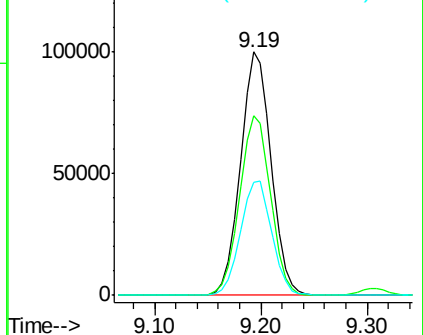
#39
Methvlcvclohexane
Concen: 47.837 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 201357
Ion Ratio Lower Upper
83 100
55 73.7 59.3 88.9
98 46.4 39.6 59.4

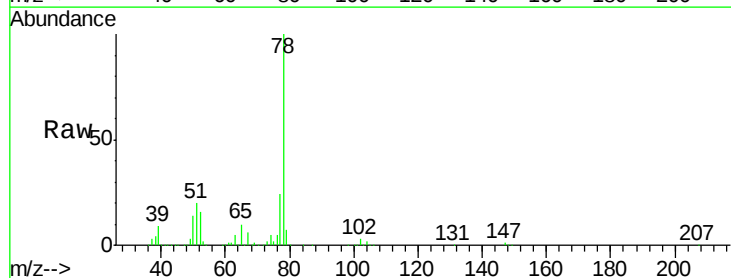


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

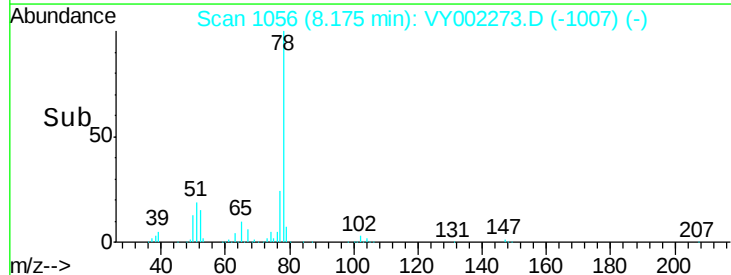
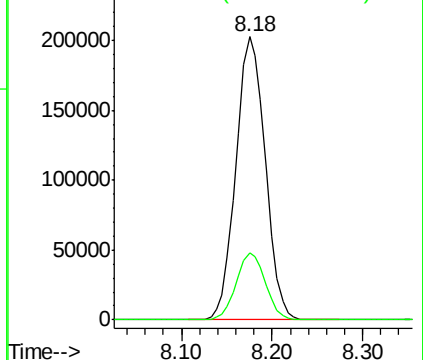


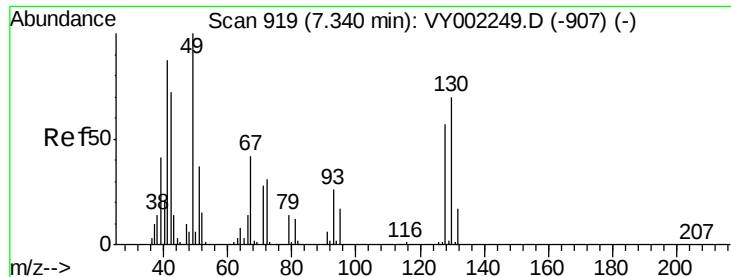
#40
Benzene
Concen: 48.454 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion: 78 Resp: 454887
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 53.387 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 55672

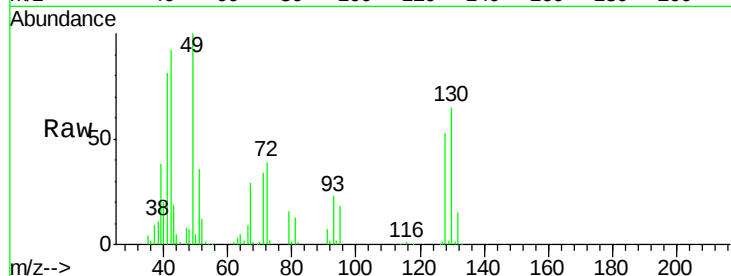
Ion Ratio Lower Upper

41 100

39 97.4 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

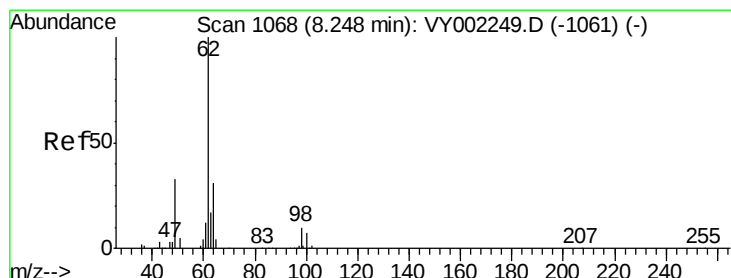
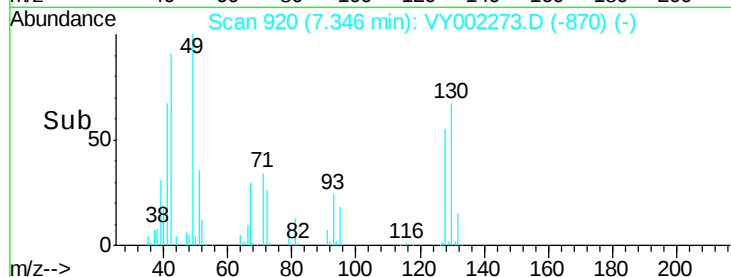
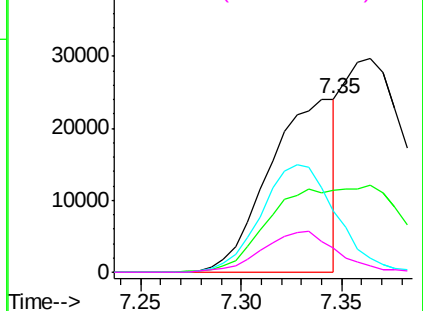


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 50.970 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VY002273.D

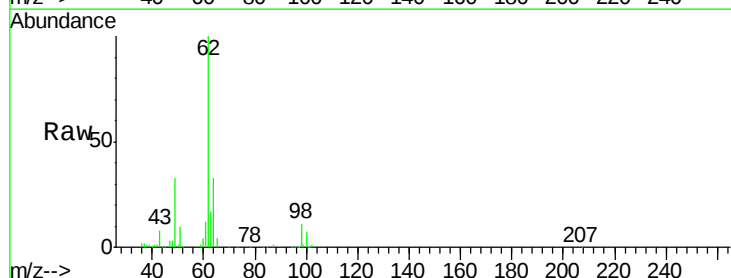
Acq: 09 Apr 2020 15:37

Tgt Ion: 62 Resp: 118535

Ion Ratio Lower Upper

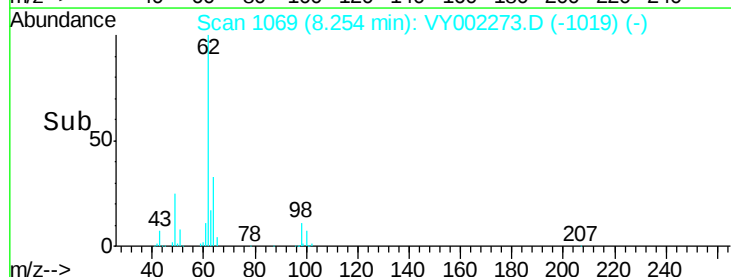
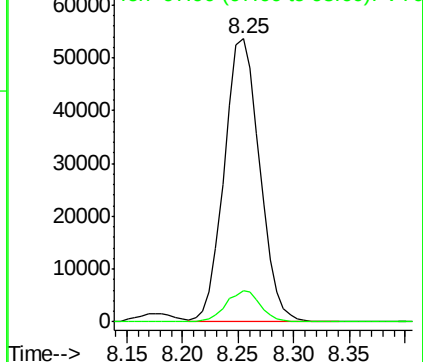
62 100

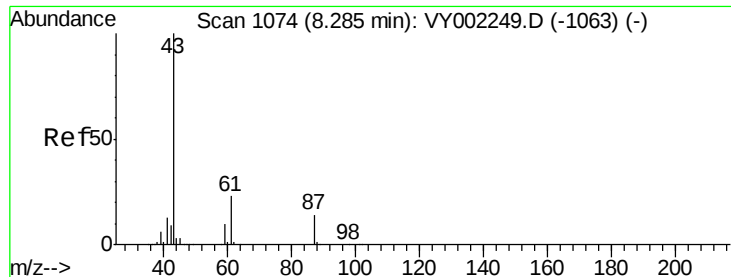
98 10.7 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.276 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

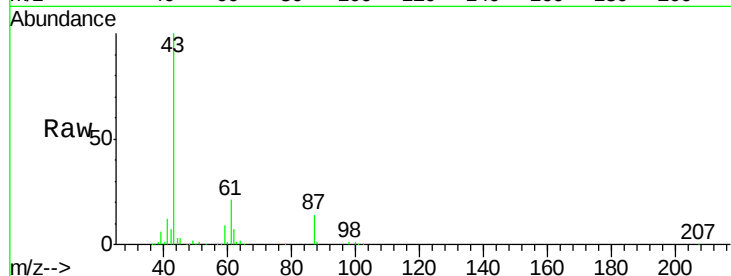
Tot Ion: 43 Resp: 171758

Ion Ratio Lower Upper

43 100

61 29.3 24.9 37.3

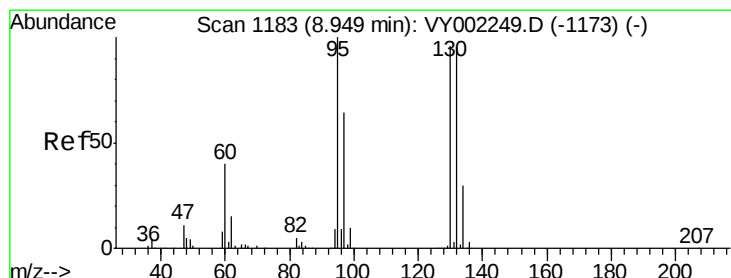
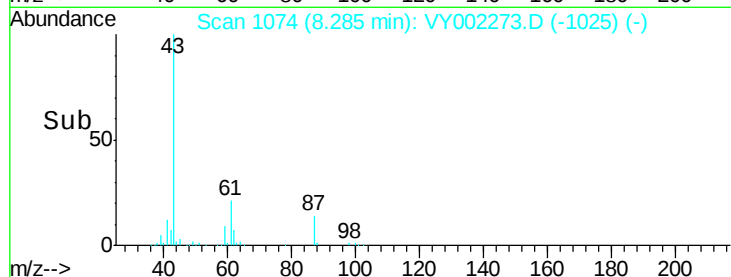
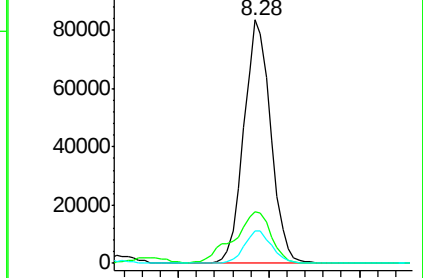
87 13.6 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002273.D (-1025) (-)

Ion 61.00 (60.70 to 61.70): VY002273.D (-1025) (-)

Ion 87.00 (86.70 to 87.70): VY002273.D (-1025) (-)



#44

Trichloroethene

Concen: 46.352 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY002273.D

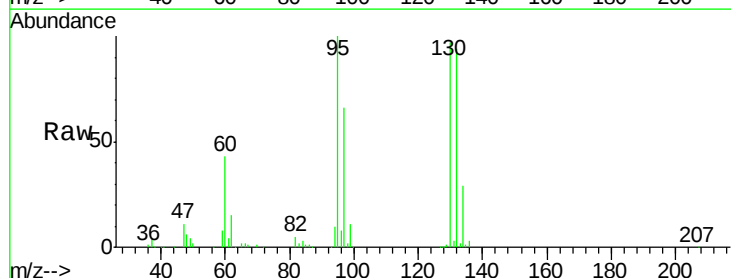
Acq: 09 Apr 2020 15:37

Tgt Ion: 130 Resp: 127938

Ion Ratio Lower Upper

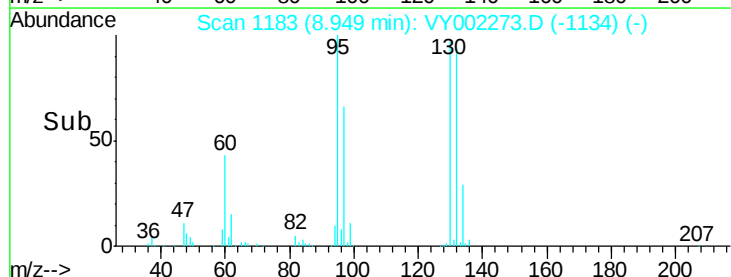
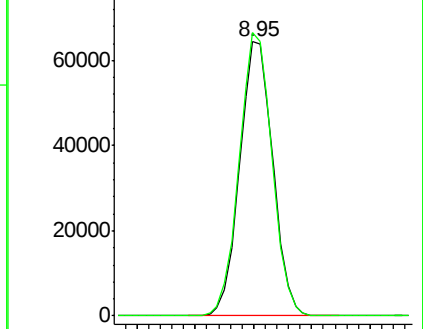
130 100

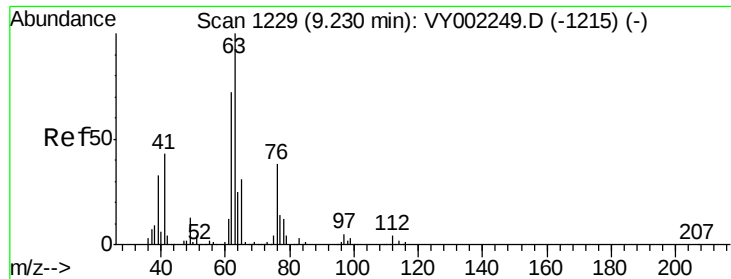
95 103.3 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002273.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY002273.D (-1134) (-)

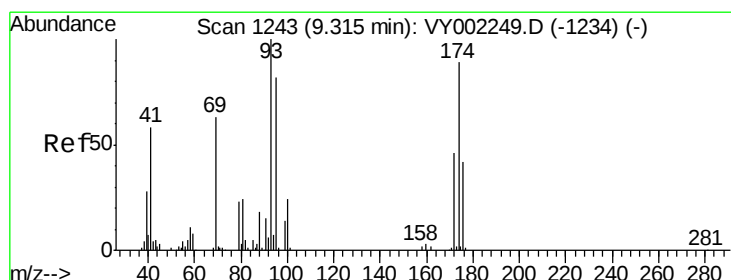
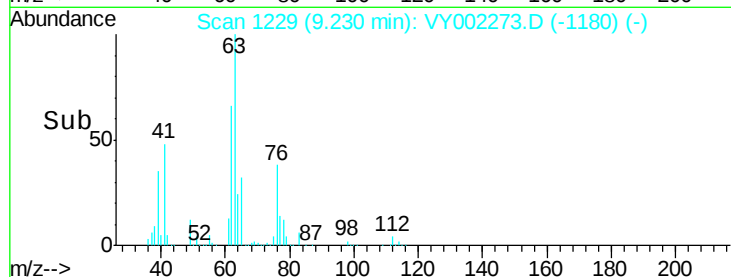
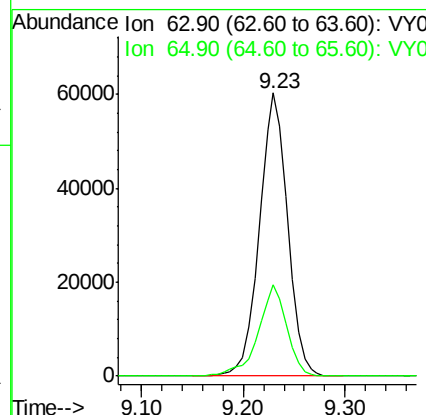
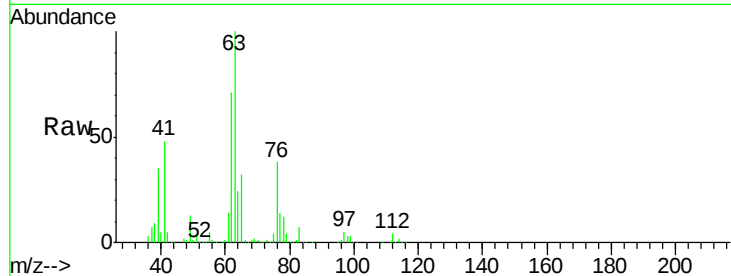




#45
 1,2-Dichloropropane
 Concen: 49.789 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

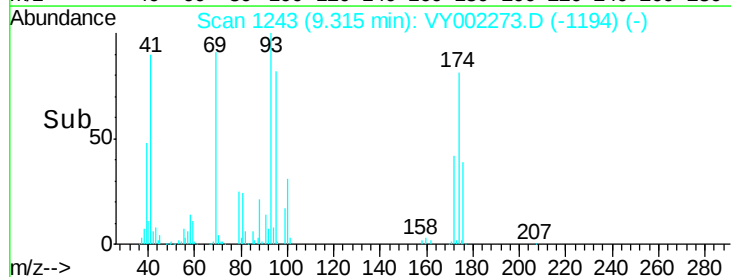
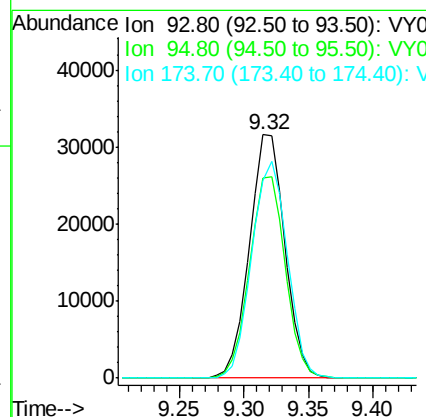
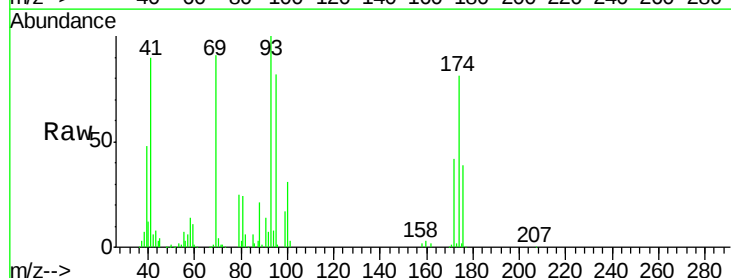
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

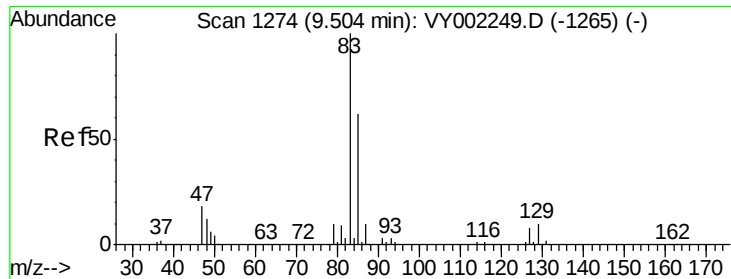
Tot Ion: 63 Resp: 115976
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0



#46
 Dibromomethane
 Concen: 49.224 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion: 93 Resp: 59951
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.3 100.9
 174 89.5 72.5 108.7





#47

Bromodichloromethane

Concen: 50.555 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

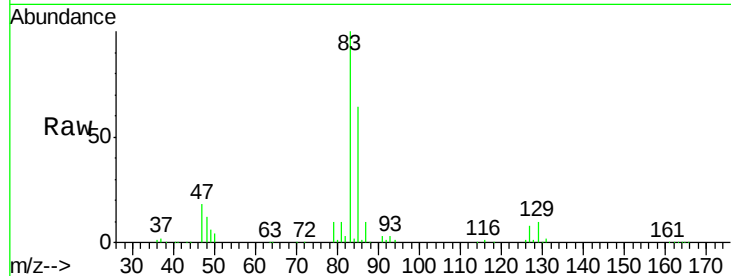
Tot Ion: 83 Resp: 141279

Ion Ratio Lower Upper

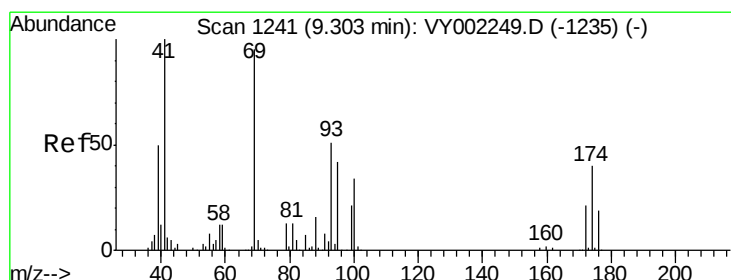
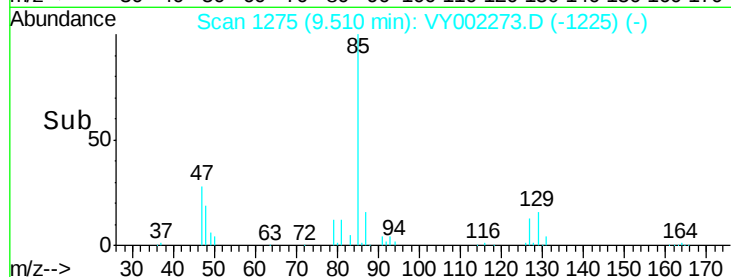
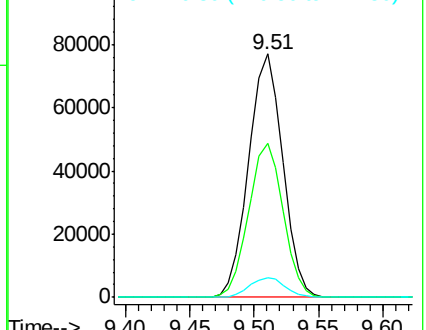
83 100

85 63.5 49.7 74.5

127 7.9 6.2 9.4



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



#48

Methyl methacrylate

Concen: 52.760 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

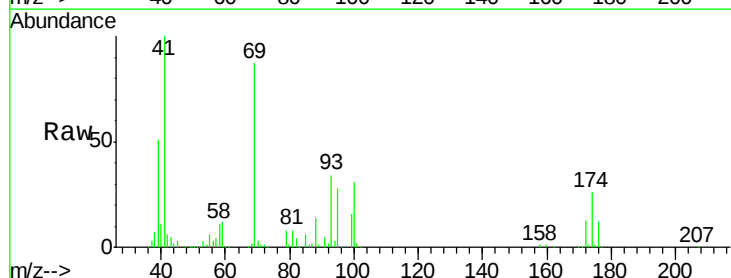
Tgt Ion: 41 Resp: 76269

Ion Ratio Lower Upper

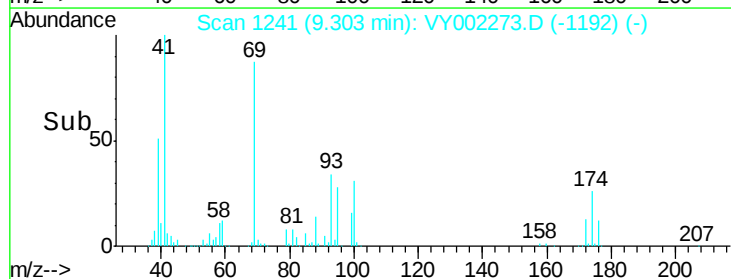
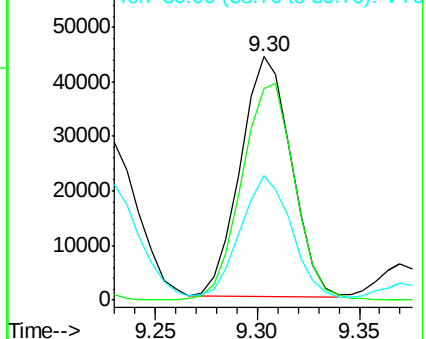
41 100

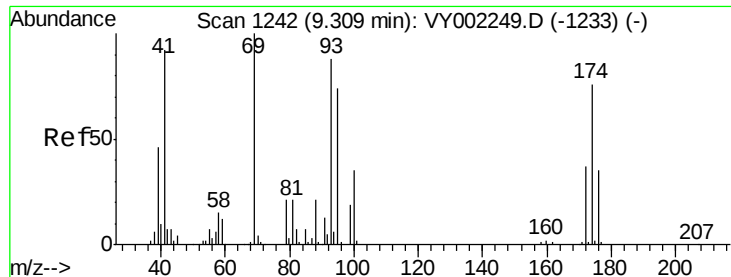
69 93.6 76.7 115.1

39 53.0 40.5 60.7



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





#49

1,4-Dioxane

Concen: 991.340 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

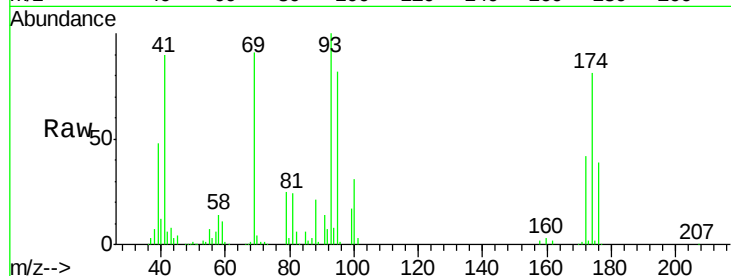
Tot Ion: 88 Resp: 17079

Ion Ratio Lower Upper

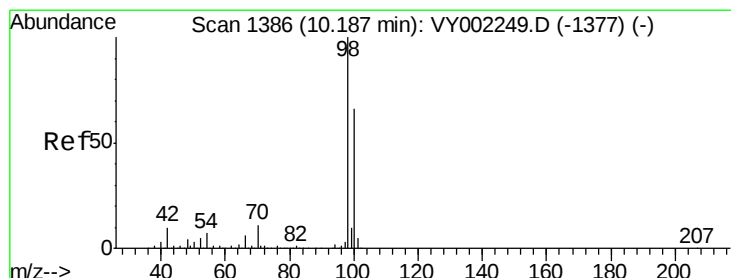
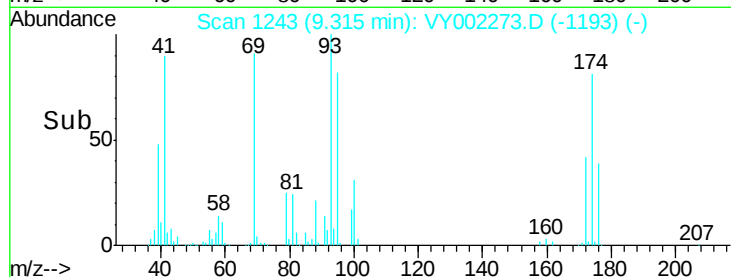
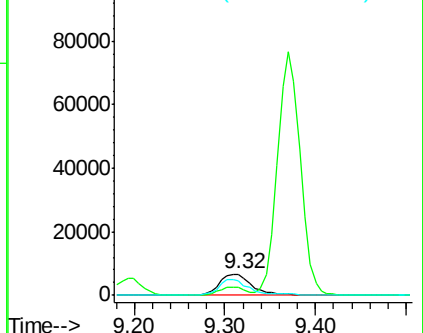
88 100

43 29.2 22.2 33.2

58 72.4 57.6 86.4



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



#50

Toluene-d8

Concen: 48.172 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002273.D

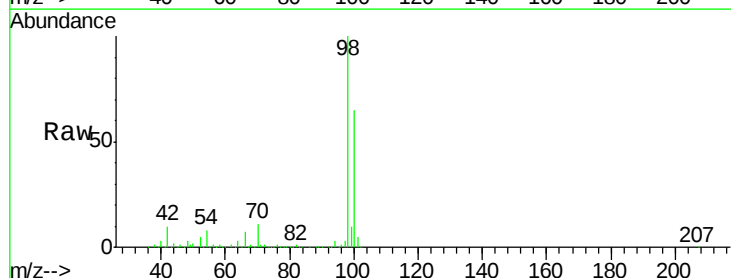
Acq: 09 Apr 2020 15:37

Tgt Ion: 98 Resp: 376897

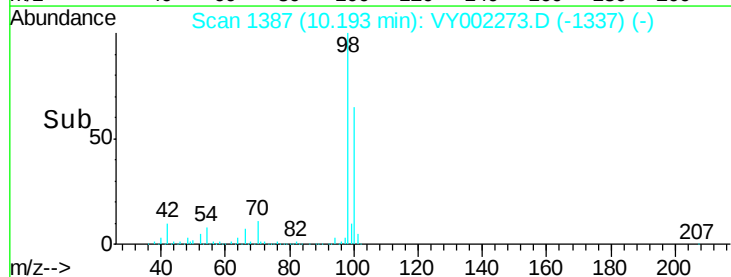
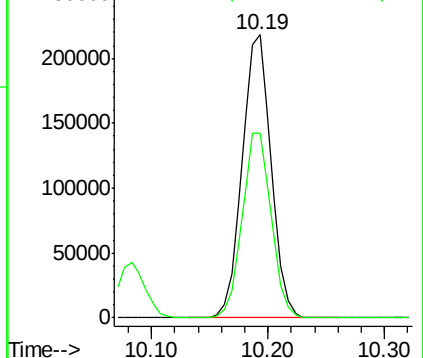
Ion Ratio Lower Upper

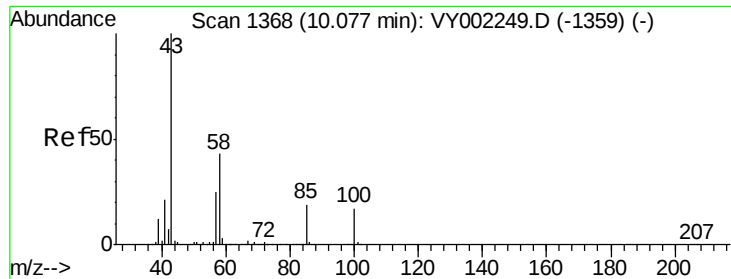
98 100

100 65.5 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 268.364 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

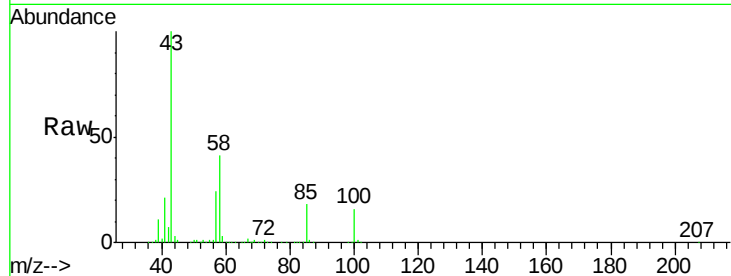
VSTDCCC050EC

Tot Ion: 43 Resp: 450831

Ion Ratio Lower Upper

43 100

58 41.4 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1359) (-)

10.08

250000

200000

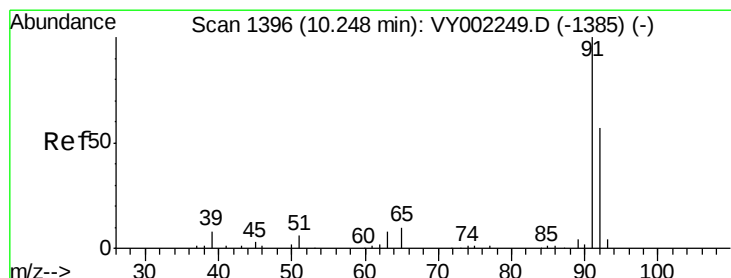
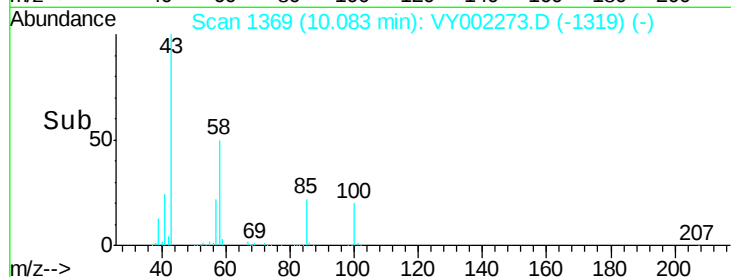
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 48.912 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002273.D

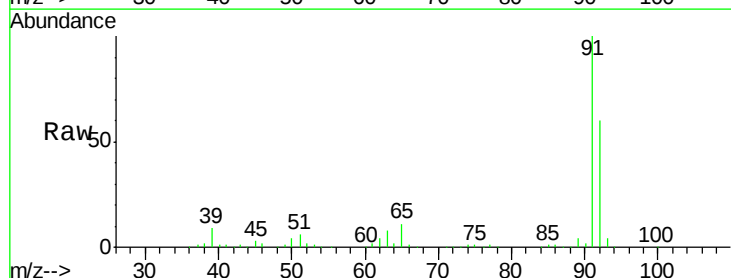
Acq: 09 Apr 2020 15:37

Tgt Ion: 92 Resp: 276735

Ion Ratio Lower Upper

92 100

91 170.3 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)

Ion 91.00 (90.70 to 91.70): VY002249.D (-1385) (-)

10.25

300000

250000

200000

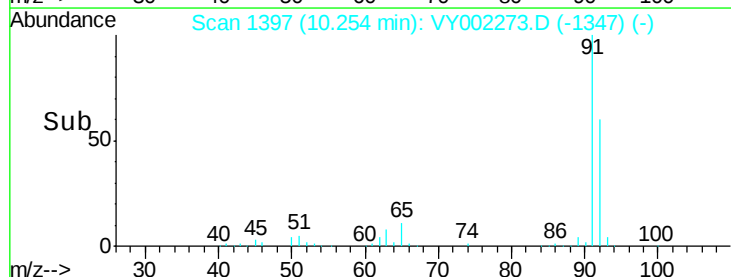
150000

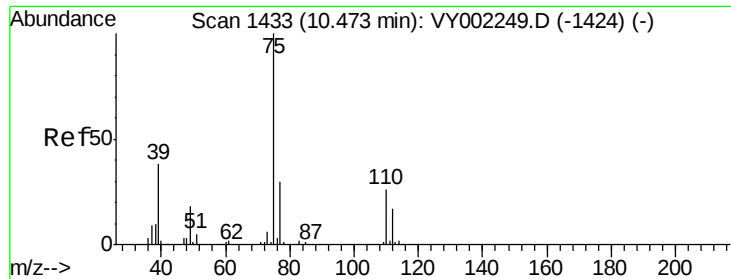
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.132 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

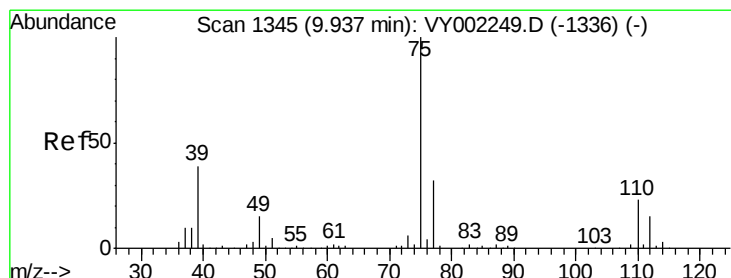
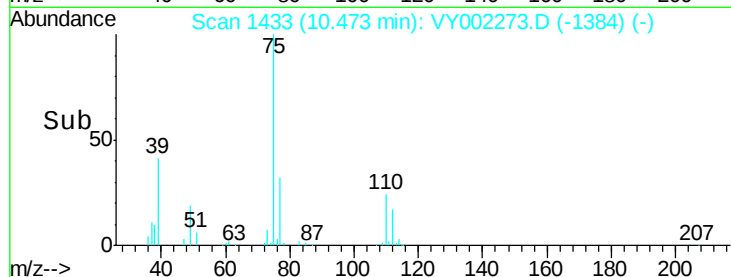
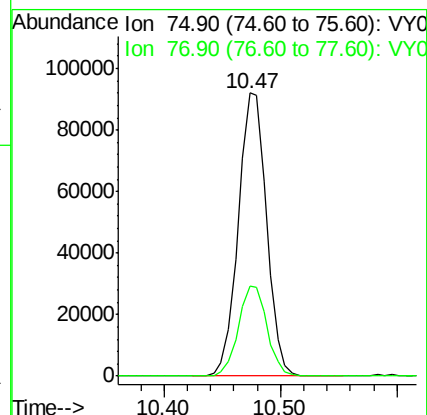
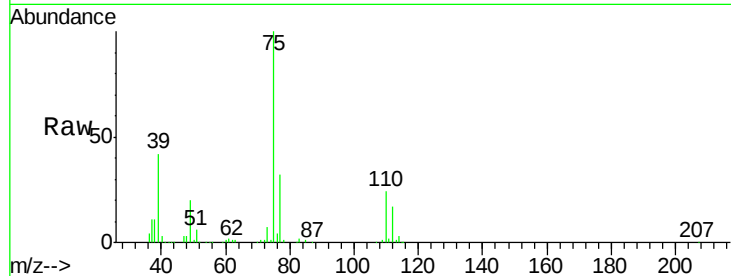
VSTDCCC050EC

Tot Ion: 75 Resp: 155688

Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 50.589 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

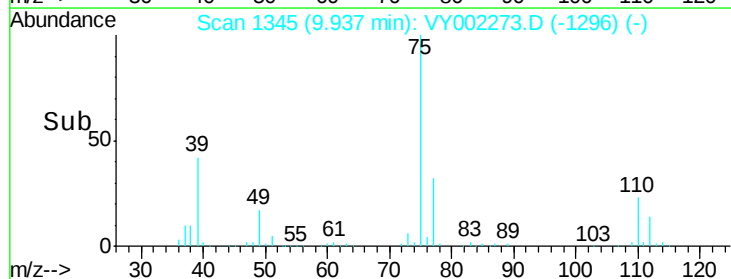
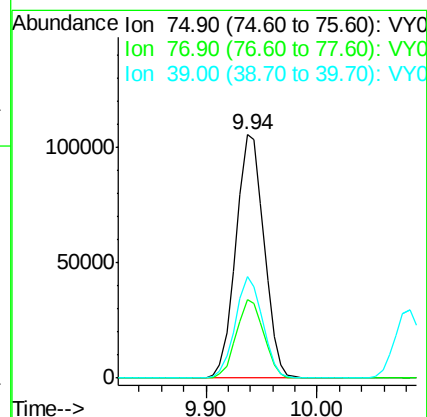
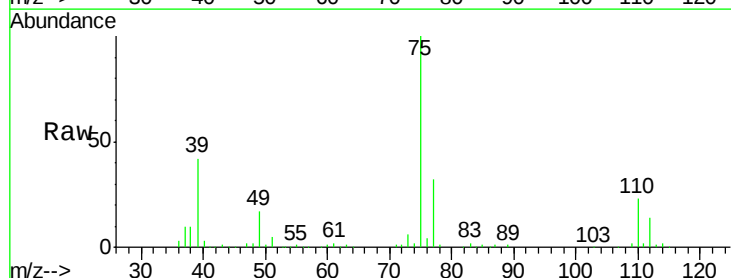
Tgt Ion: 75 Resp: 185183

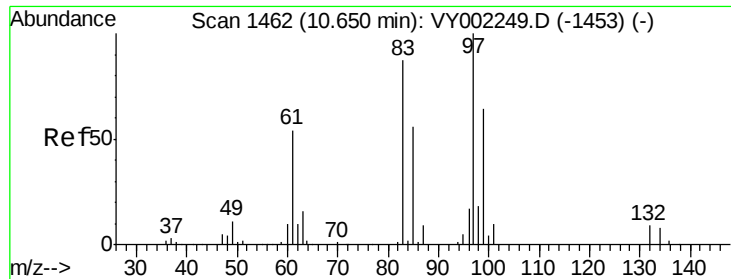
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 41.7 30.8 46.2





#55

1,1,2-Trichloroethane

Concen: 49.701 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 88622

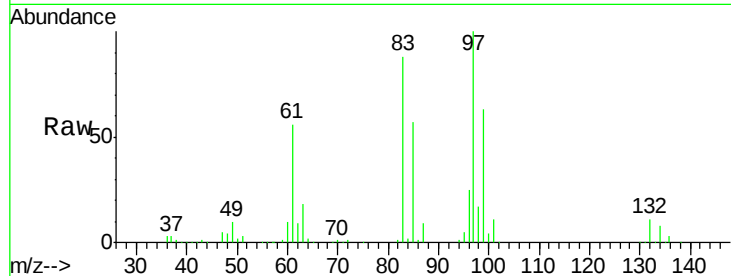
Ion Ratio Lower Upper

97 100

83 87.9 69.5 104.3

85 56.7 45.2 67.8

99 63.5 50.9 76.3

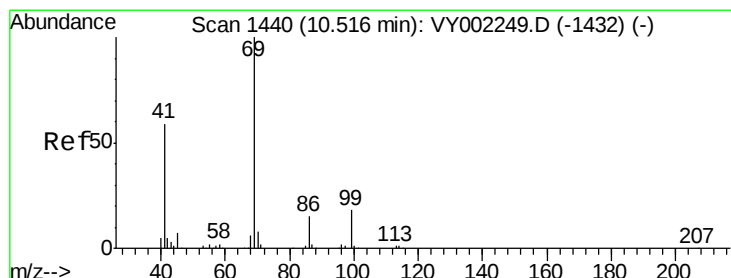
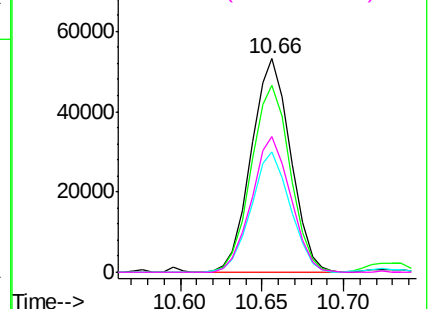
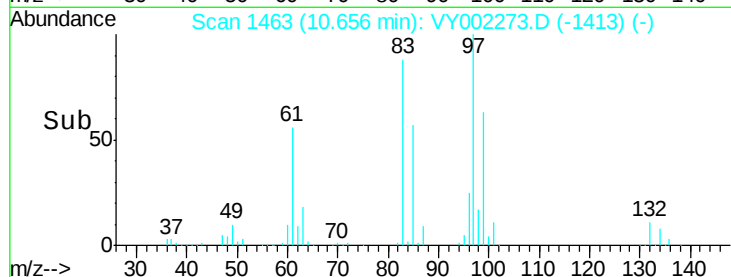


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 52.114 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

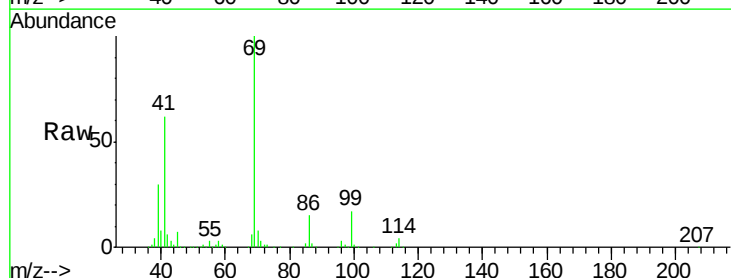
Tgt Ion: 69 Resp: 132625

Ion Ratio Lower Upper

69 100

41 61.7 47.9 71.9

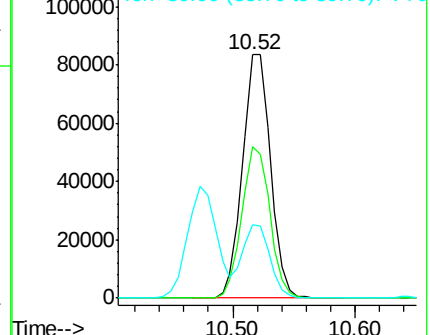
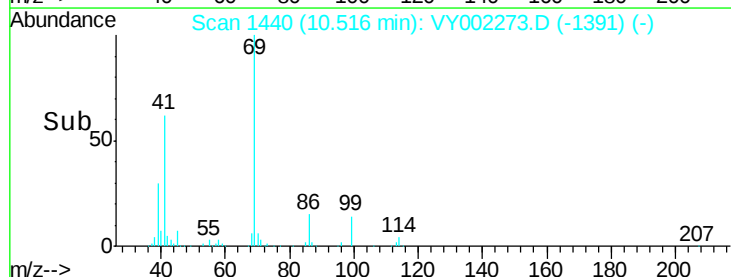
39 29.8 23.8 35.6

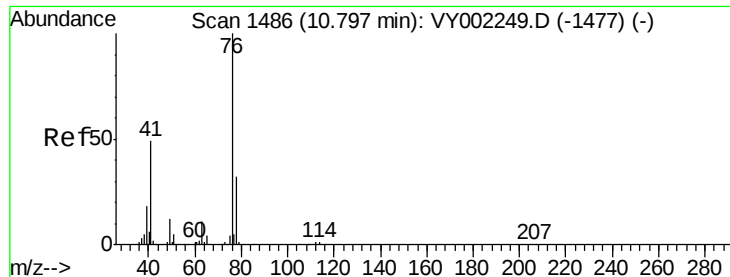


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 49.938 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

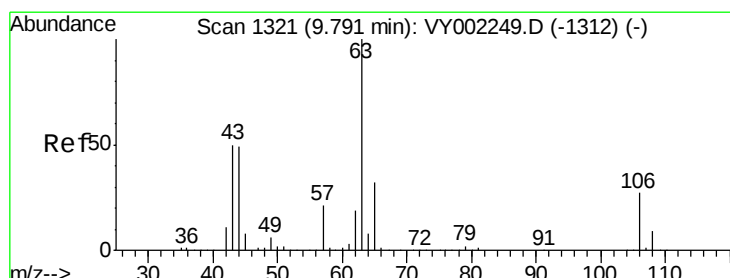
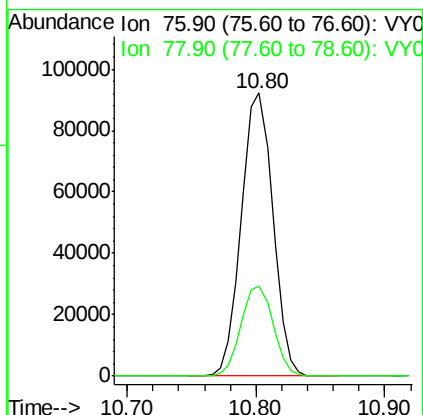
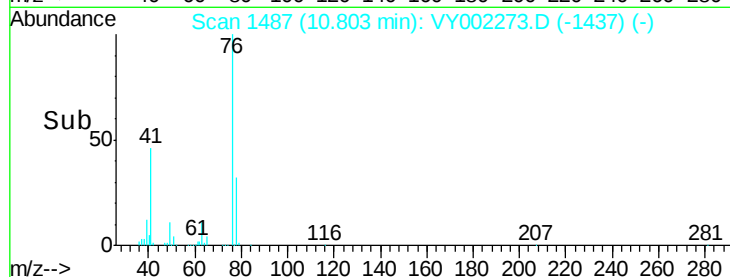
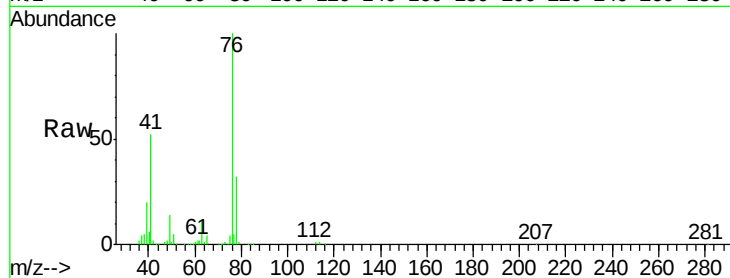
VSTDCCC050EC

Tot Ion: 76 Resp: 156512

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.710 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002273.D

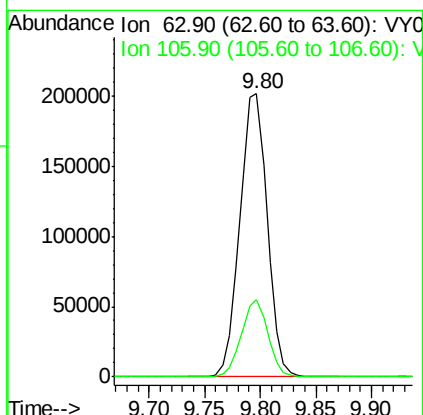
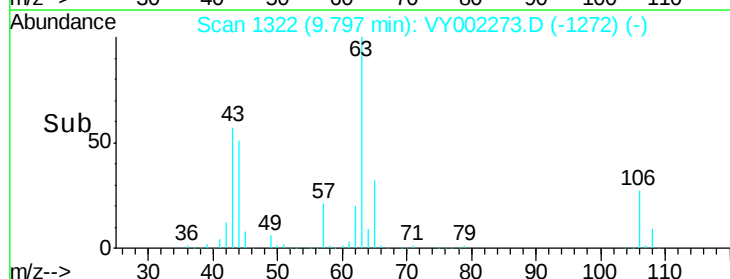
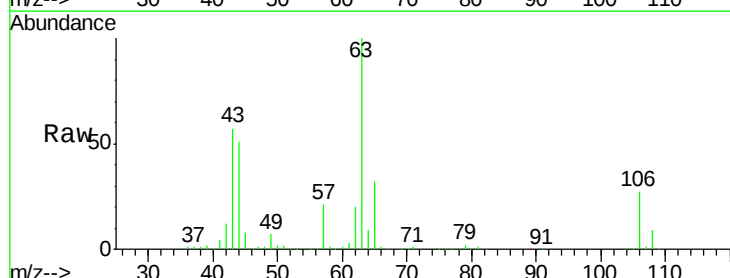
Acq: 09 Apr 2020 15:37

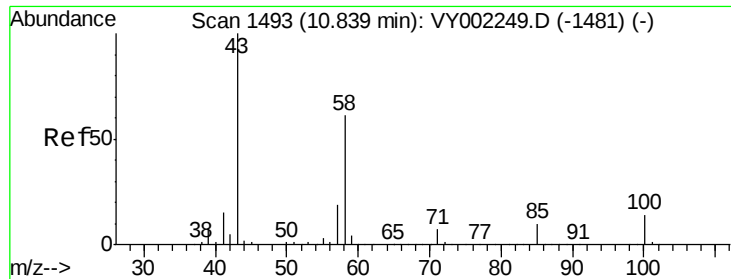
Tgt Ion: 63 Resp: 343584

Ion Ratio Lower Upper

63 100

106 26.5 22.2 33.2

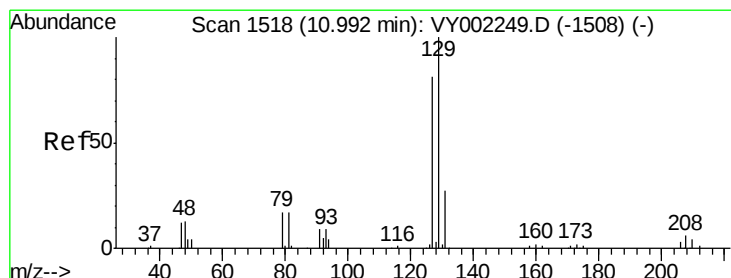
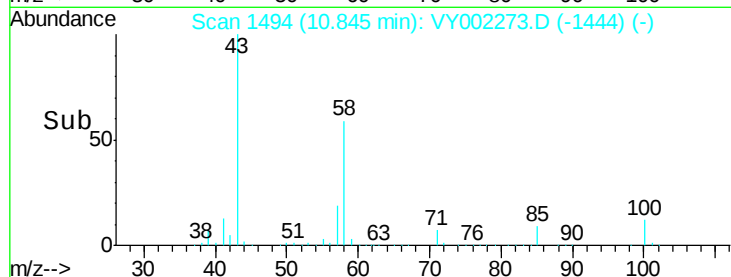
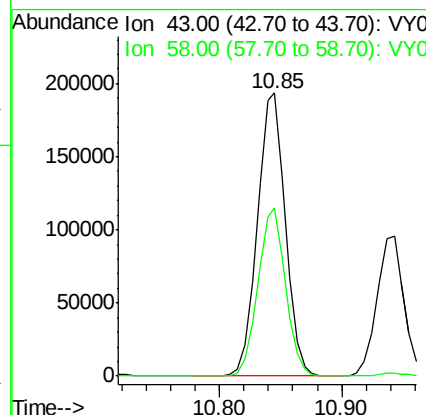
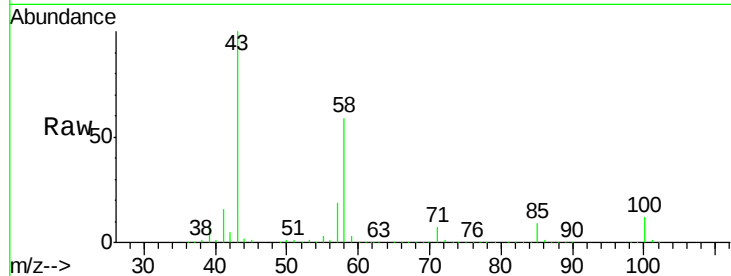




#59
2-Hexanone
Concen: 264.601 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

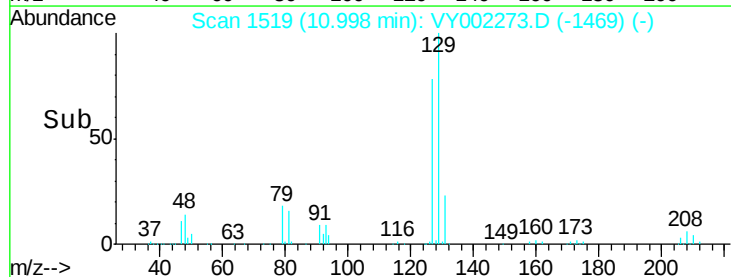
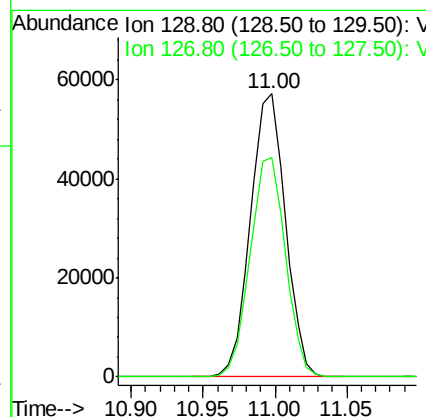
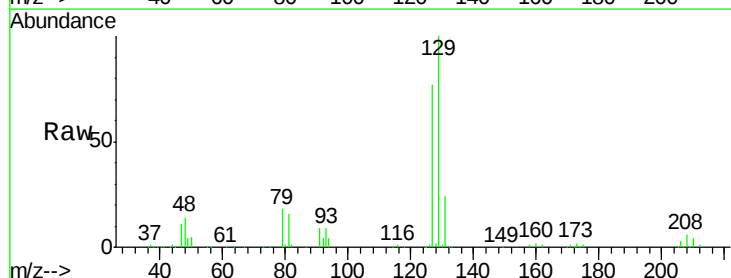
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

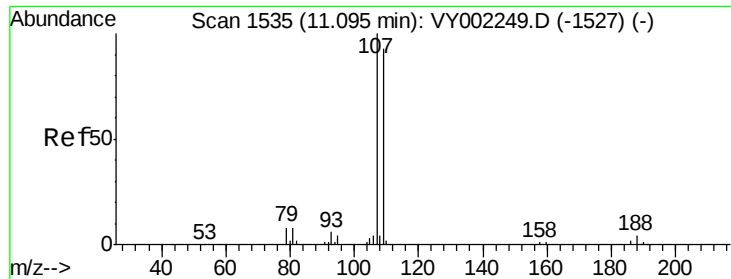
Tot Ion: 43 Resp: 308502
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.3



#60
Dibromochloromethane
Concen: 50.539 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion: 129 Resp: 96091
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

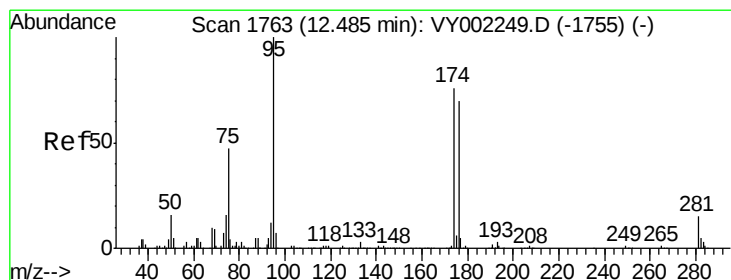
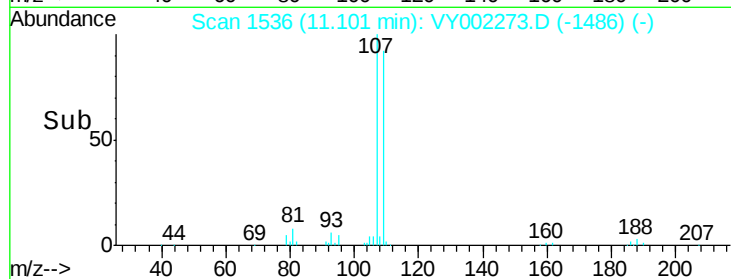
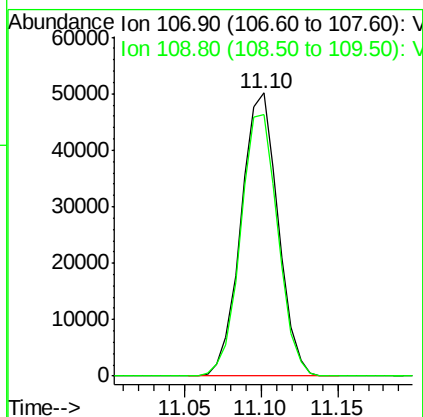
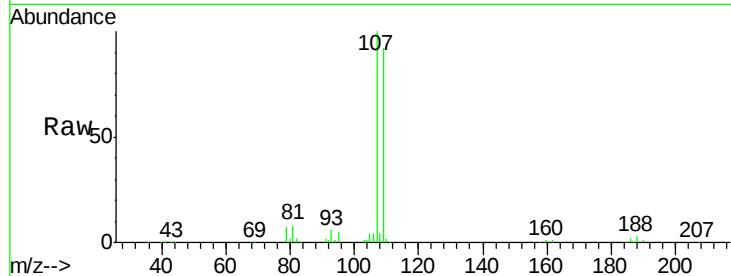




#61
 1,2-Dibromoethane
 Concen: 49.672 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

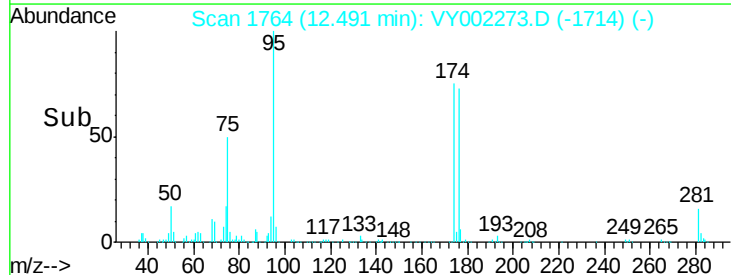
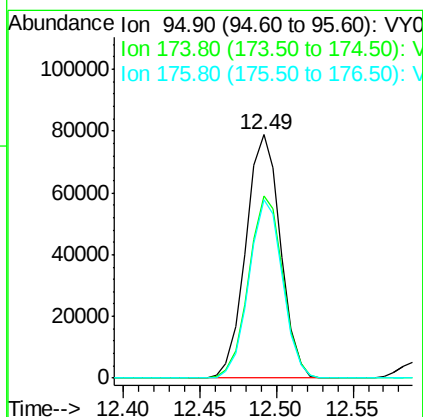
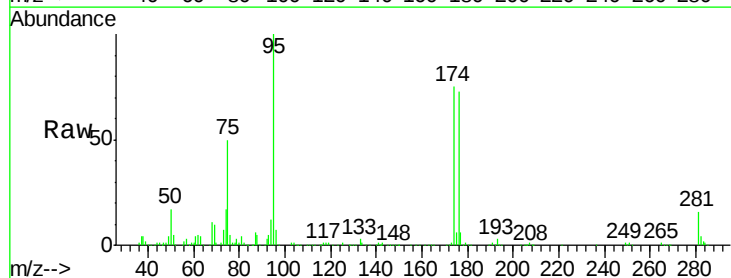
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

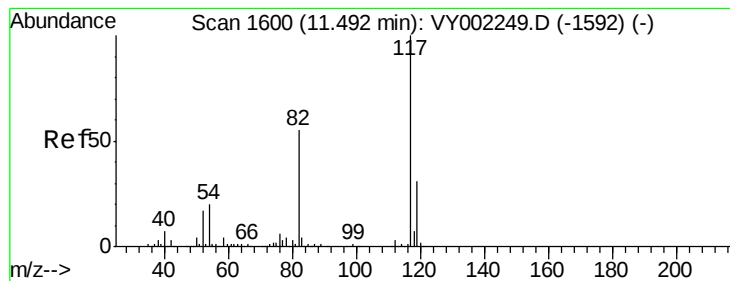
Tot Ion:107 Resp: 84320
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.023 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion: 95 Resp: 123959
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 150.6
 176 71.2 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

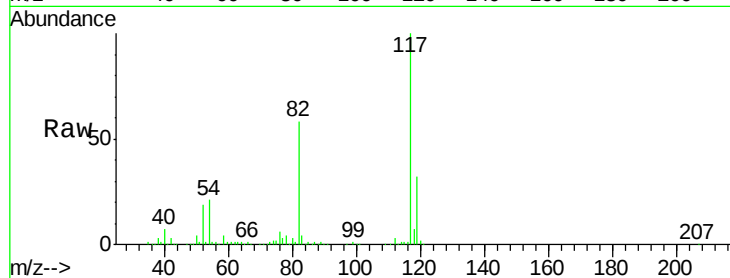
Tot Ion:117 Resp: 277548

Ion Ratio Lower Upper

117 100

82 57.5 44.2 66.4

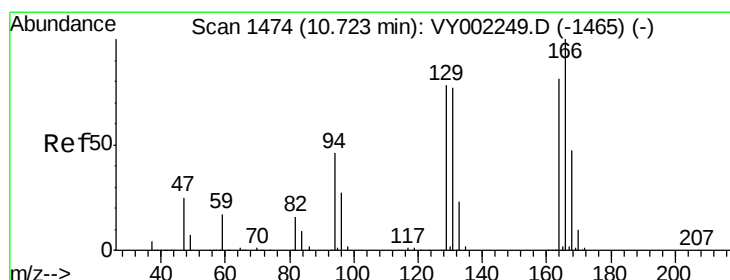
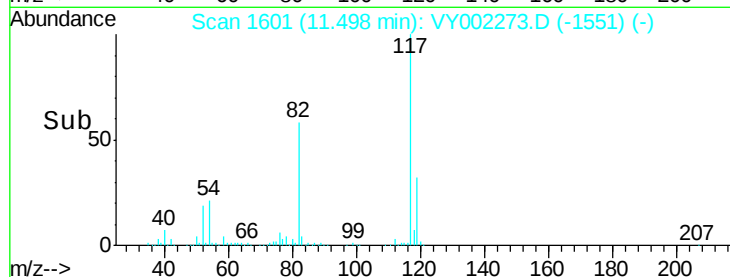
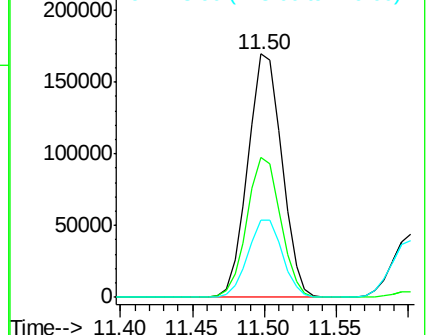
119 31.9 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.669 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Tgt Ion:164 Resp: 133762

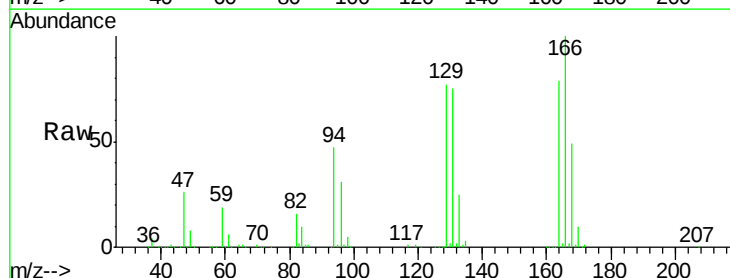
Ion Ratio Lower Upper

164 100

166 126.0 98.4 147.6

129 97.6 76.6 115.0

131 95.0 75.4 113.2

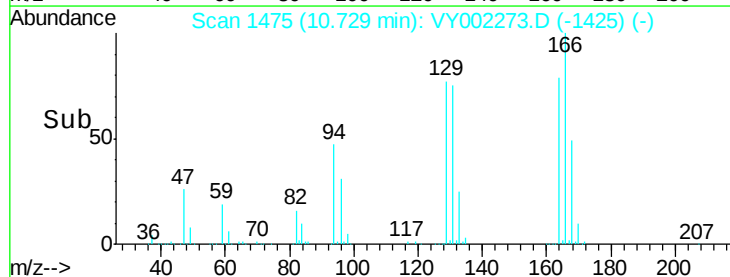
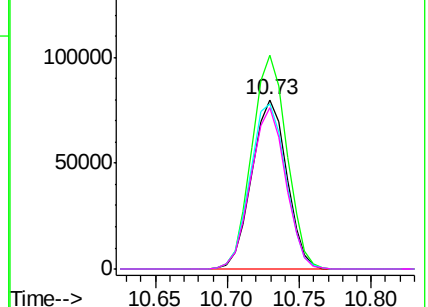


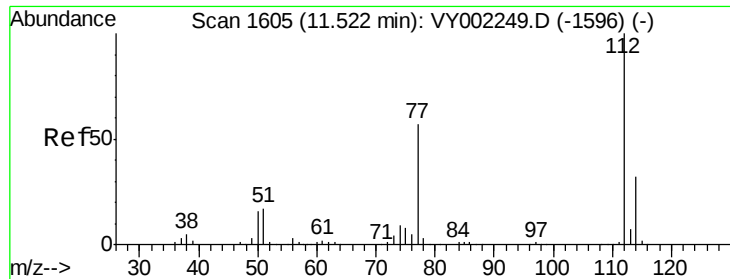
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.653 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

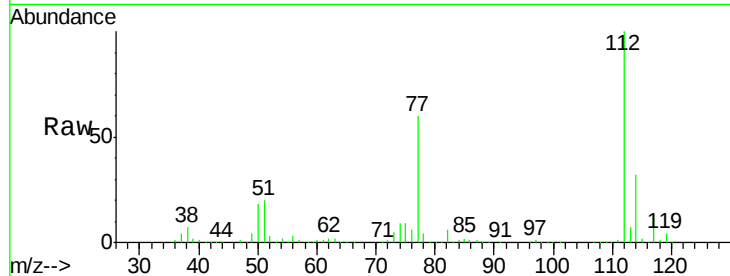
VSTDCCC050EC

Tot Ion:112 Resp: 280697

Ion Ratio Lower Upper

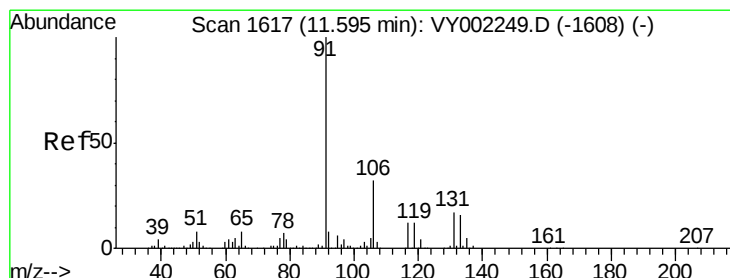
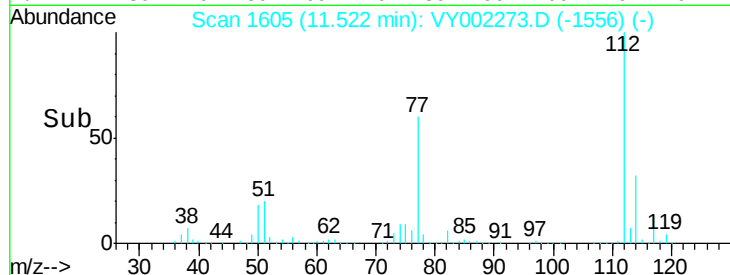
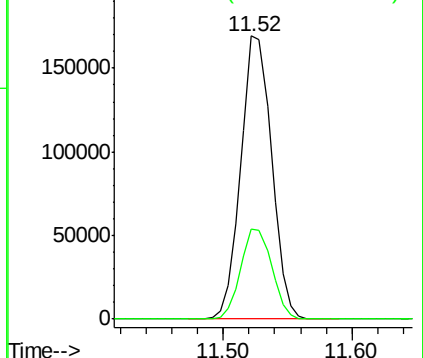
112 100

114 31.7 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.587 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

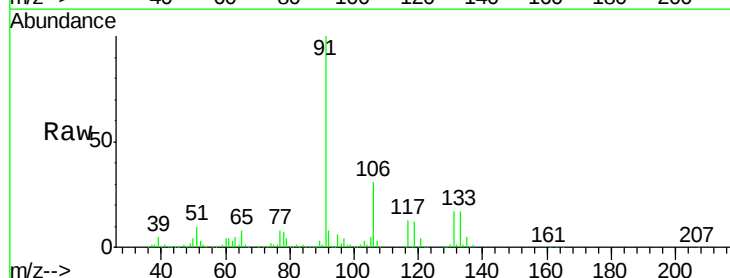
Tgt Ion:131 Resp: 94455

Ion Ratio Lower Upper

131 100

133 93.9 46.5 139.3

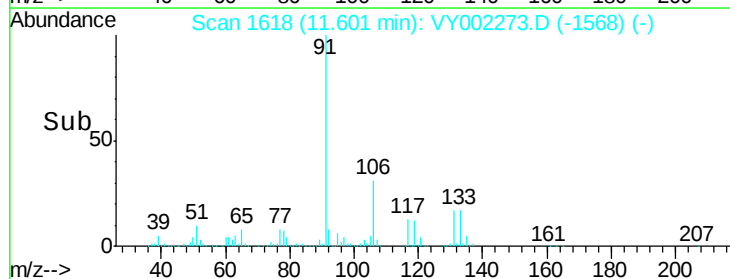
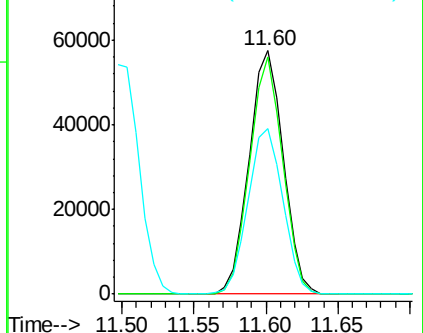
119 69.4 34.5 103.6

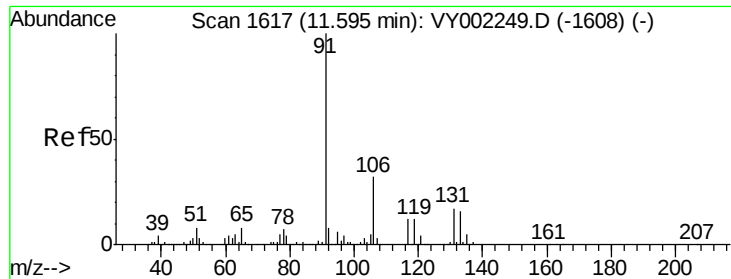


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

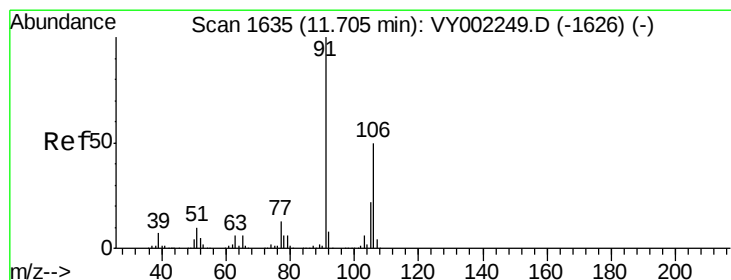
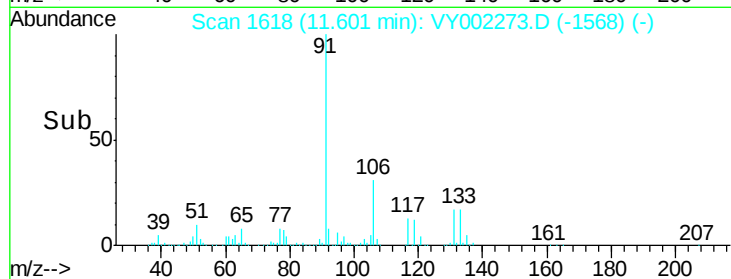
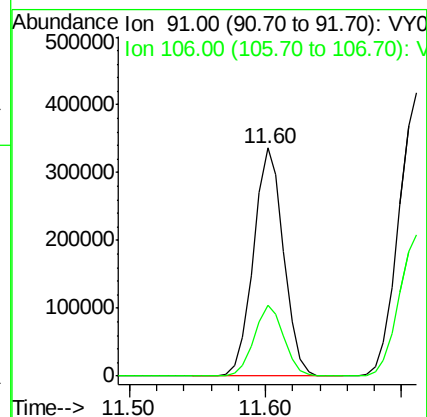
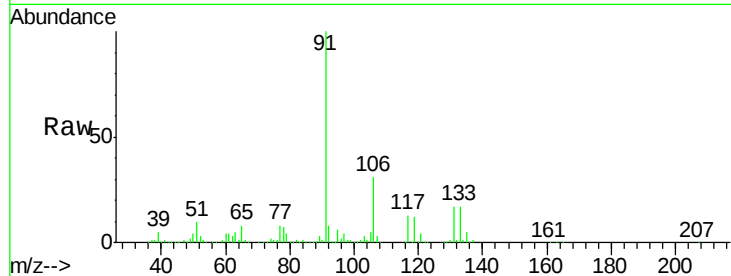




#67
Ethyl Benzene
Concen: 49.443 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

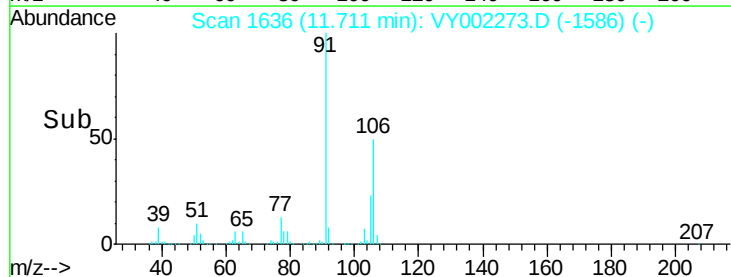
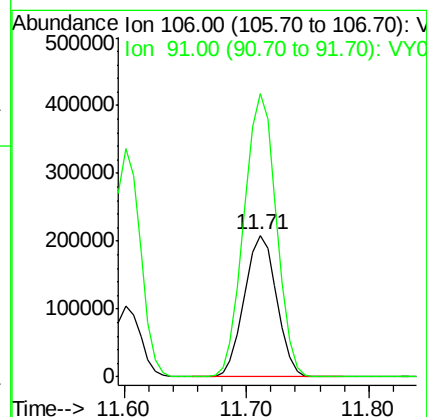
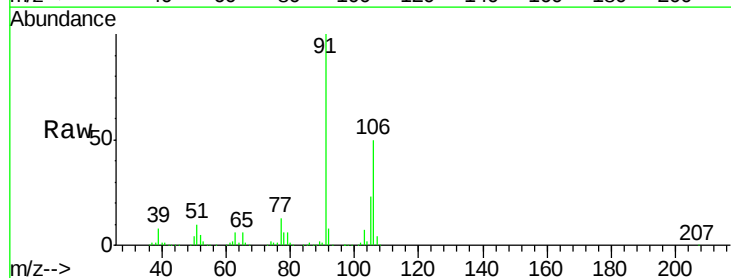
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

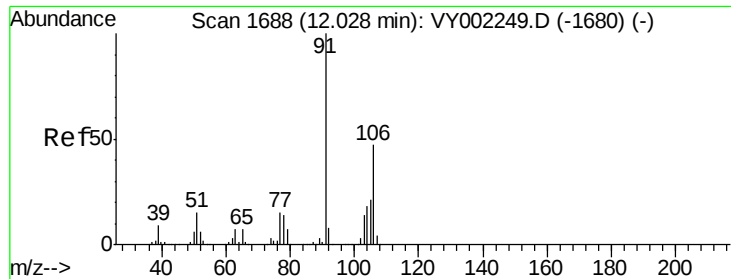
Tot Ion: 91 Resp: 522215
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 96.484 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion: 106 Resp: 381682
Ion Ratio Lower Upper
106 100
91 200.4 159.8 239.6

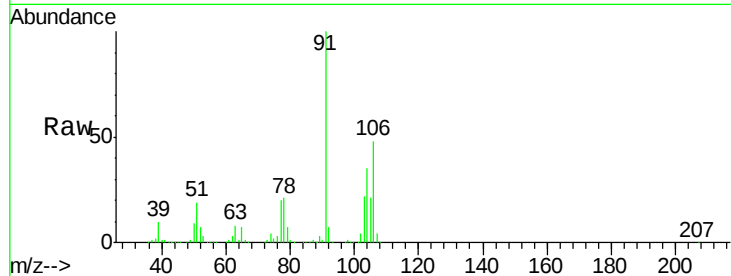




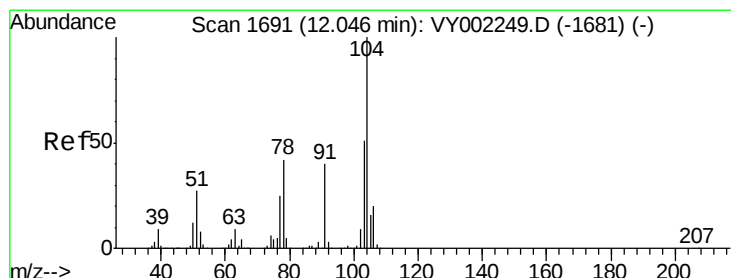
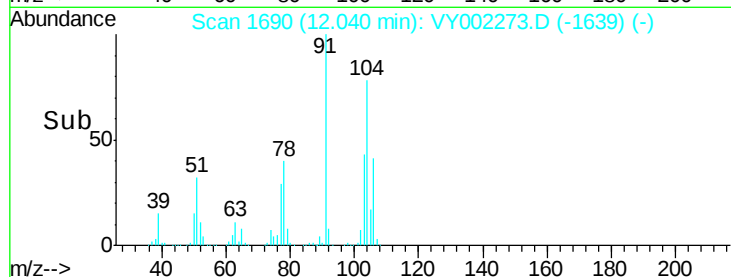
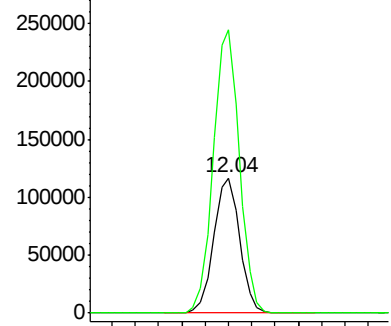
#69
o-Xylene
Concen: 48.984 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 181926
Ion Ratio Lower Upper
106 100
91 209.4 105.8 317.3

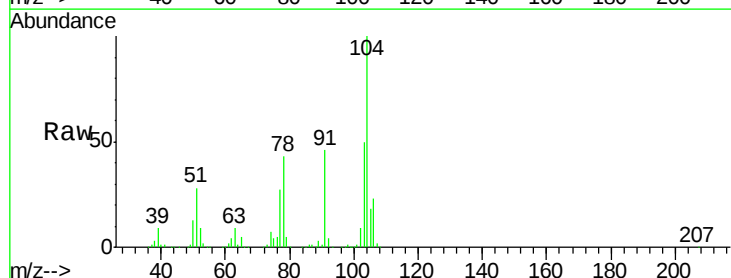


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

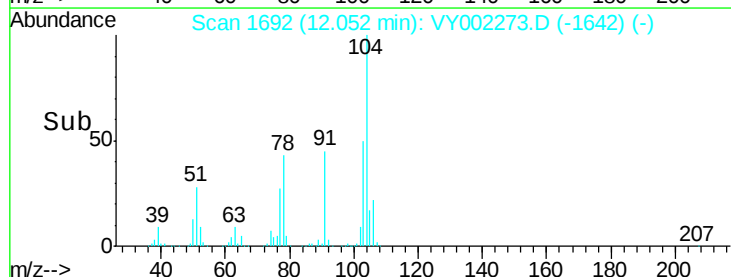
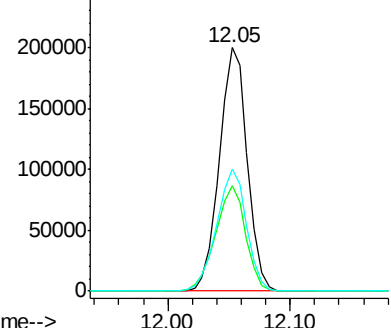


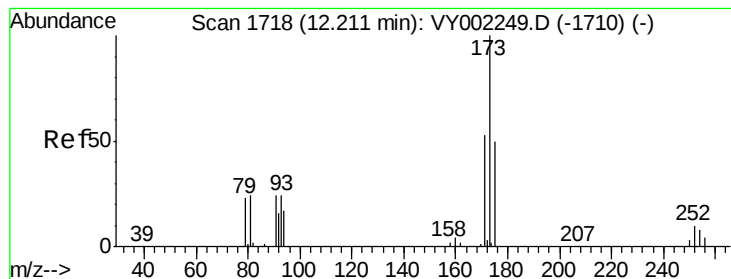
#70
Styrene
Concen: 48.899 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion:104 Resp: 315083
Ion Ratio Lower Upper
104 100
78 46.7 37.2 55.8
103 53.7 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.002 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

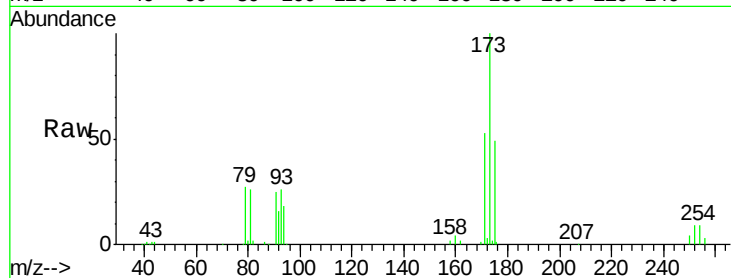
Tot Ion:173 Resp: 52832

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

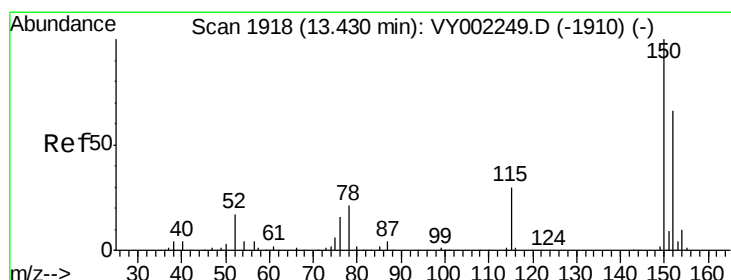
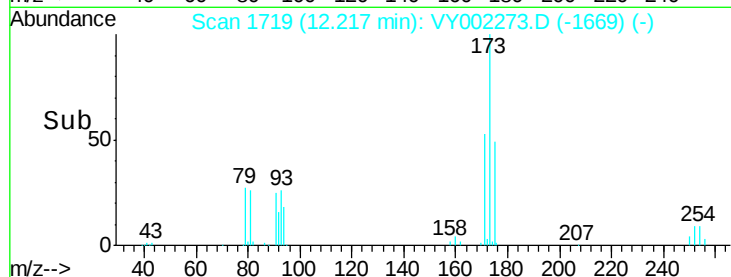
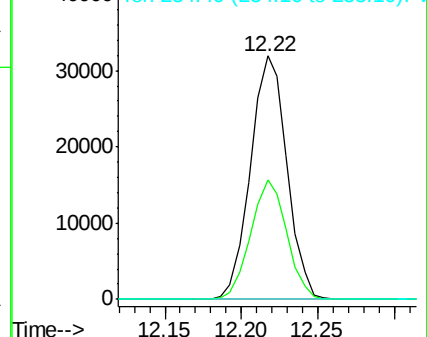
254 0.0 0.0 0.0



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. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

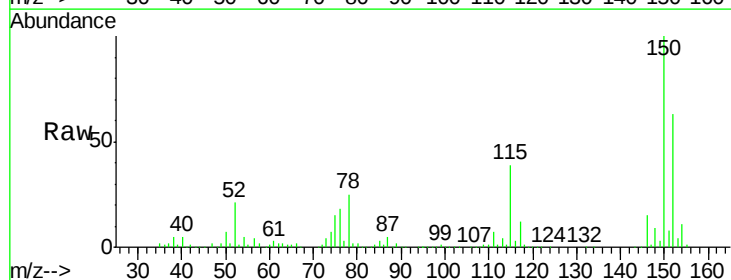
Tgt Ion:152 Resp: 125308

Ion Ratio Lower Upper

152 100

115 60.7 30.7 92.1

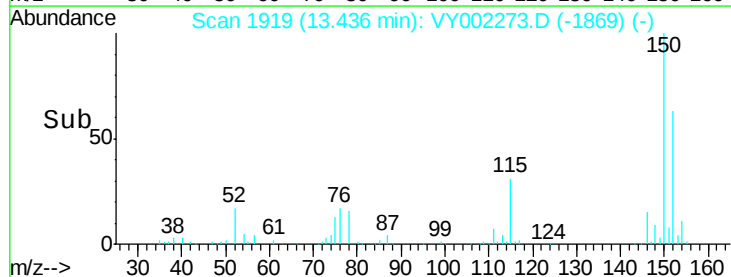
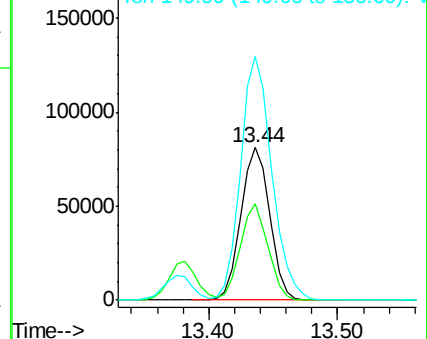
150 173.8 0.0 350.6

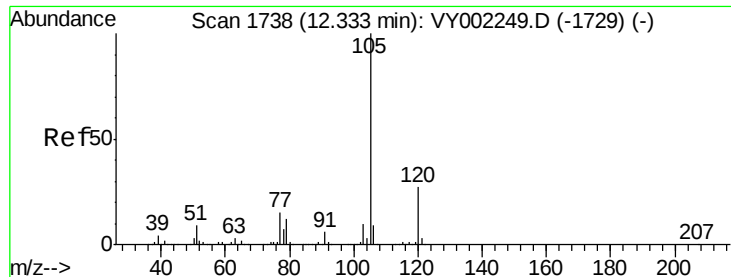


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.669 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

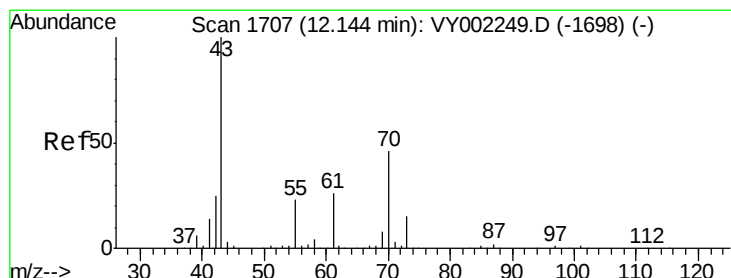
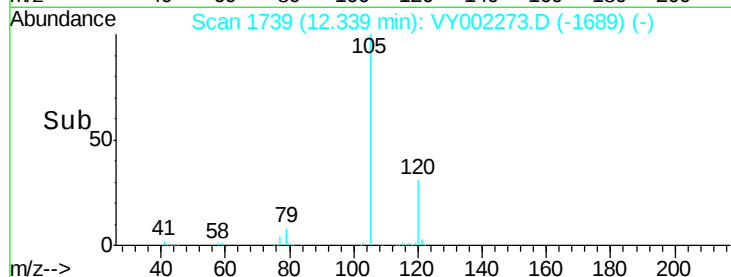
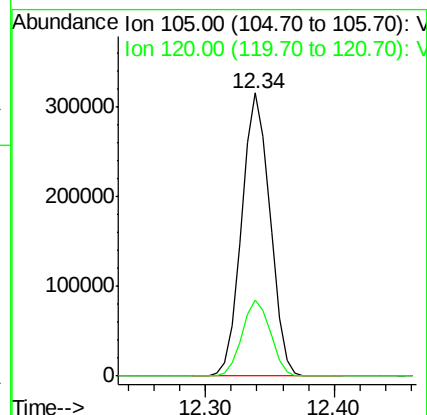
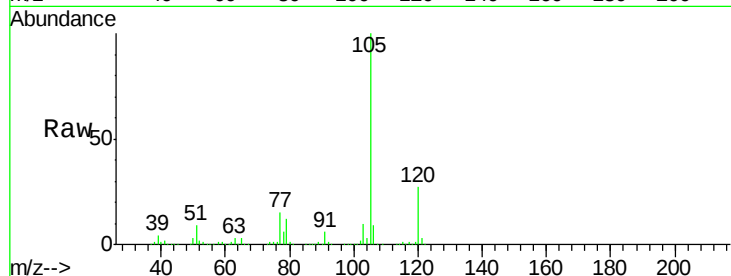
VSTDCCC050EC

Tot Ion:105 Resp: 479113

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 51.588 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Tgt Ion: 43 Resp: 144158

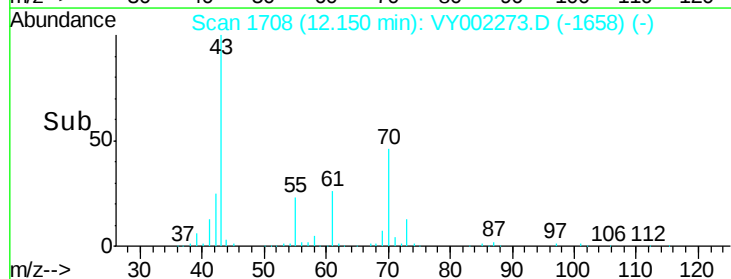
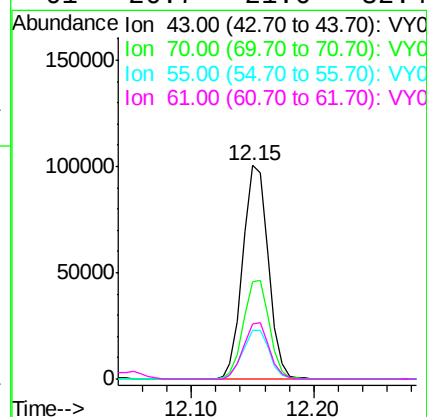
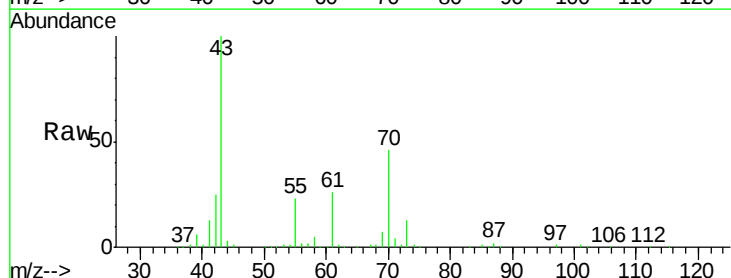
Ion Ratio Lower Upper

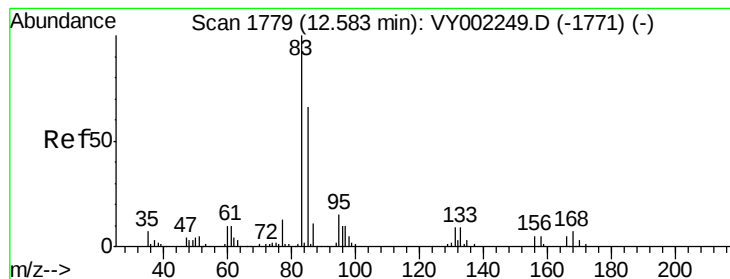
43 100

70 47.2 37.5 56.3

55 24.0 19.0 28.6

61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.291 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

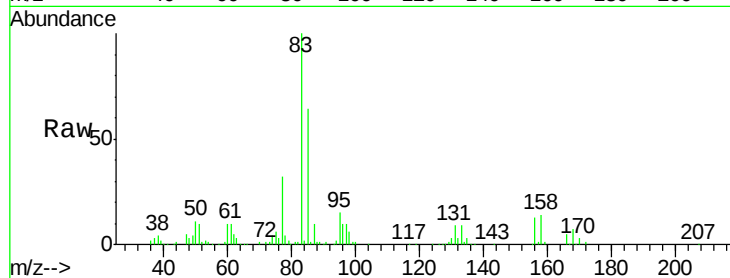
Tot Ion: 83 Resp: 64663

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

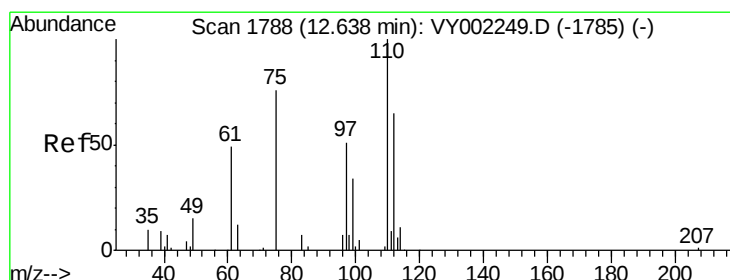
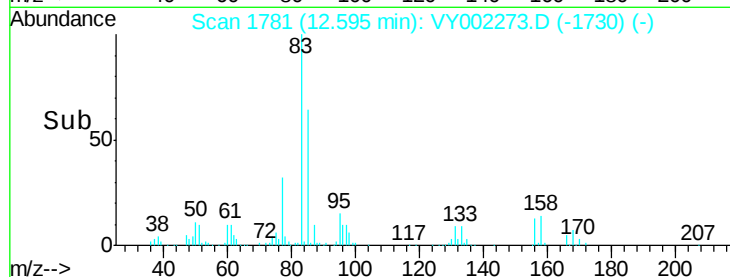
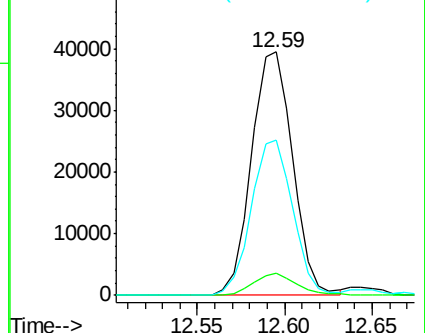
85 64.0 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 47.566 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002273.D

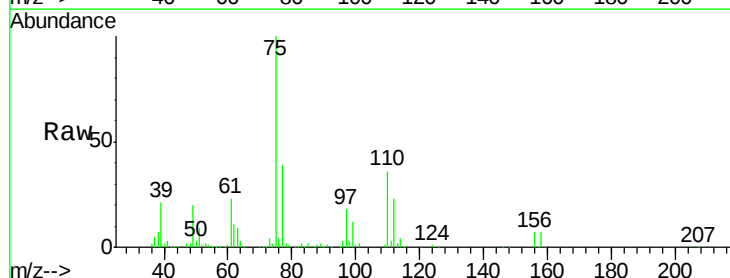
Acq: 09 Apr 2020 15:37

Tgt Ion: 75 Resp: 69214

Ion Ratio Lower Upper

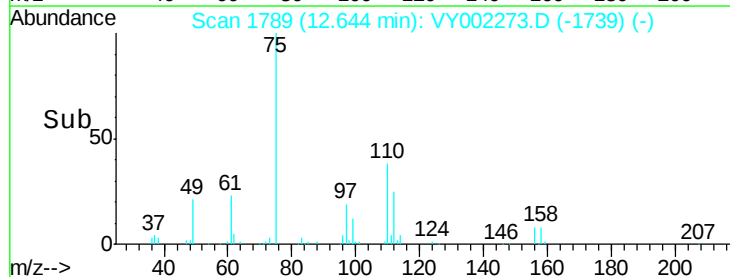
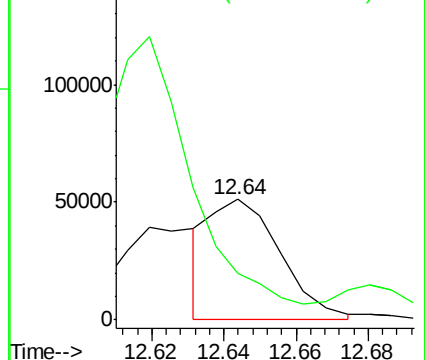
75 100

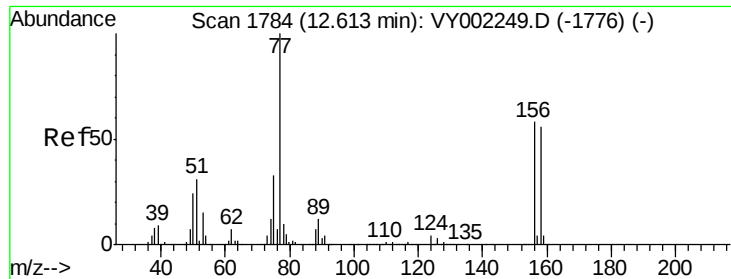
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.864 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

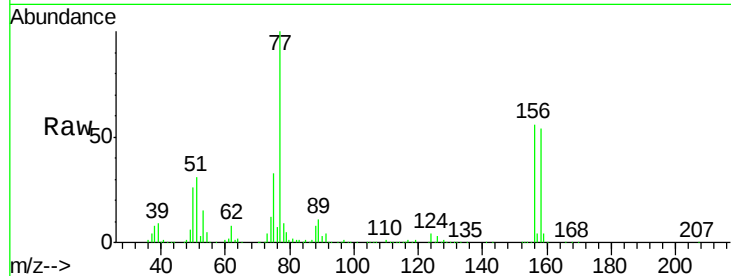
Tot Ion:156 Resp: 105831

Ion Ratio Lower Upper

156 100

77 205.5 101.3 303.9

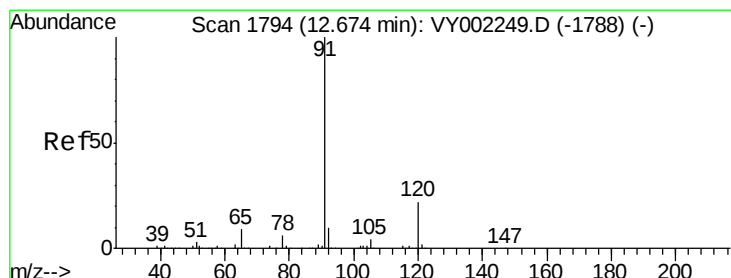
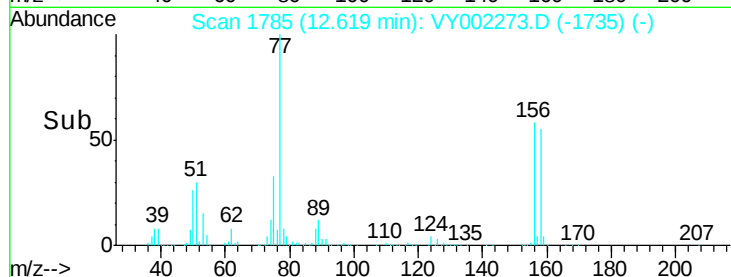
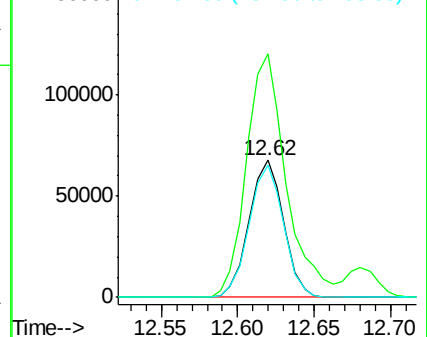
158 96.3 48.3 144.8



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: 48.303 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002273.D

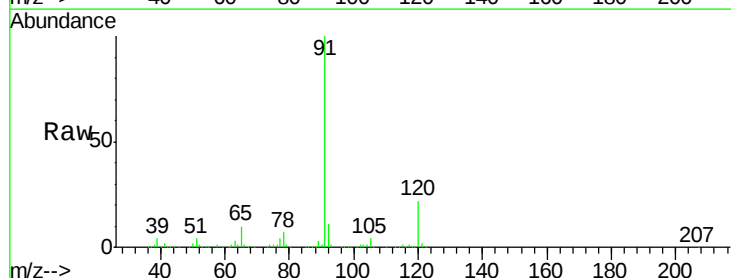
Acq: 09 Apr 2020 15:37

Tgt Ion: 91 Resp: 591392

Ion Ratio Lower Upper

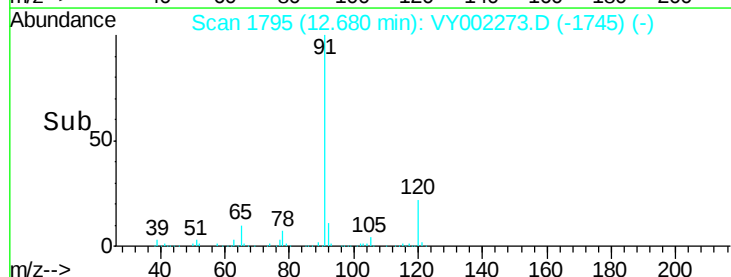
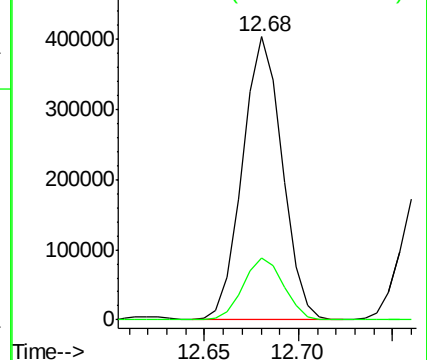
91 100

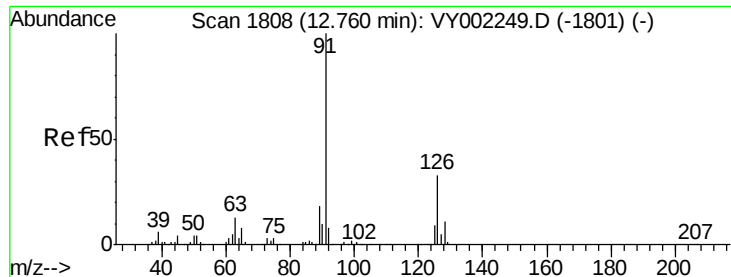
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.072 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

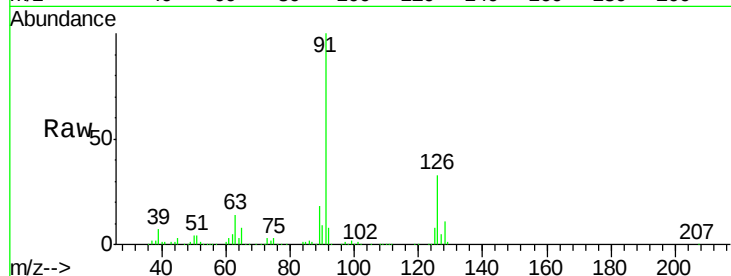
VSTDCCC050EC

Tot Ion: 91 Resp: 326509

Ion Ratio Lower Upper

91 100

126 33.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)

400000

300000

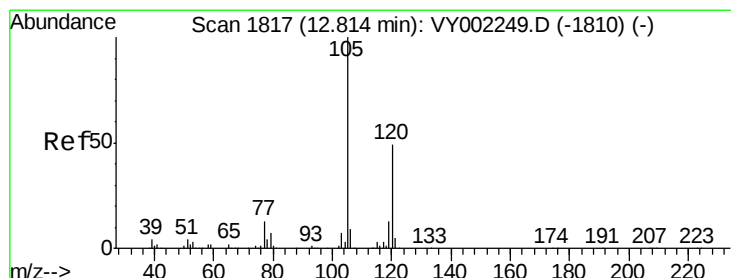
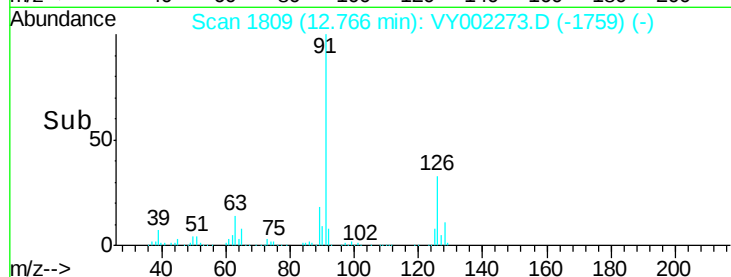
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.067 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002273.D

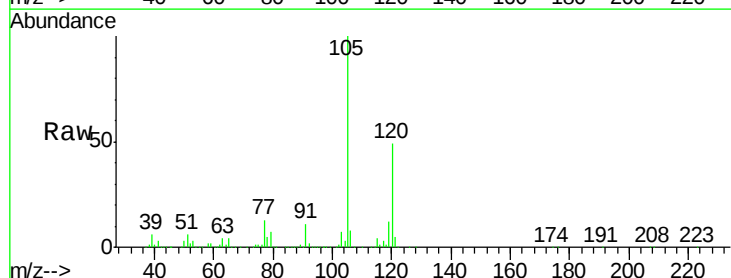
Acq: 09 Apr 2020 15:37

Tgt Ion: 105 Resp: 399482

Ion Ratio Lower Upper

105 100

120 48.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)

300000

250000

200000

150000

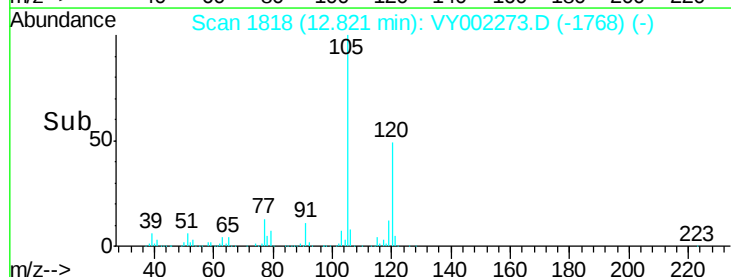
100000

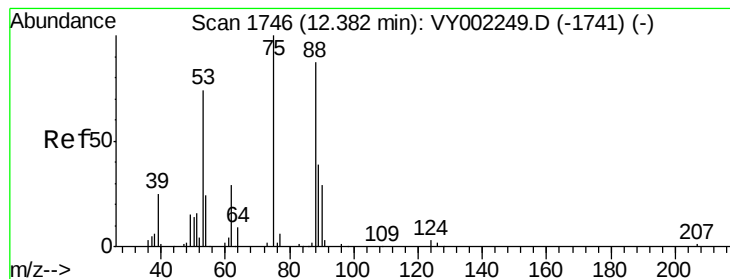
50000

0

12.80 12.82 12.84

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.360 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

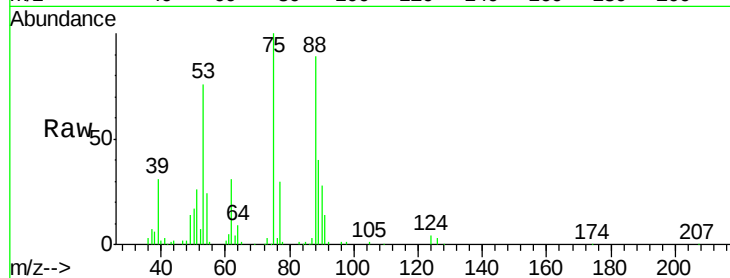
Tot Ion: 75 Resp: 39172

Ion Ratio Lower Upper

75 100

53 78.5 59.8 89.8

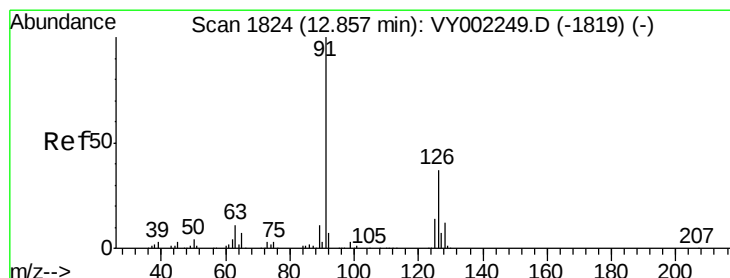
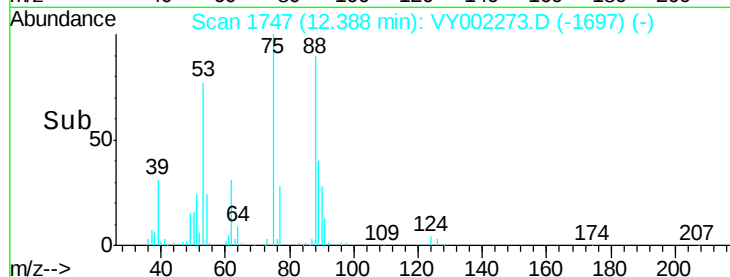
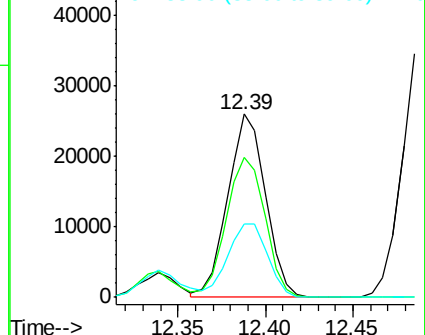
89 42.5 37.0 55.6



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: 47.916 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002273.D

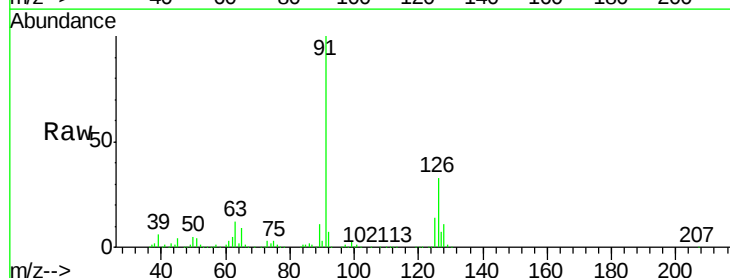
Acq: 09 Apr 2020 15:37

Tgt Ion: 91 Resp: 334155

Ion Ratio Lower Upper

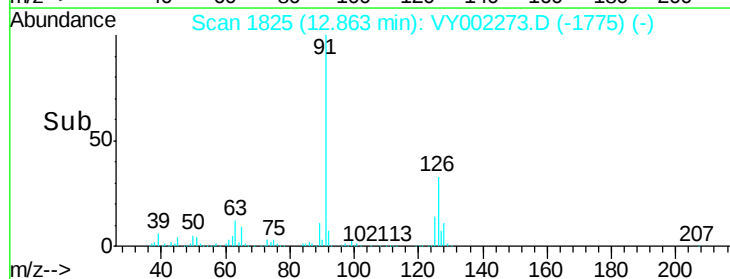
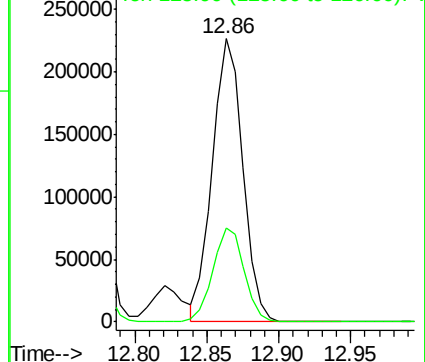
91 100

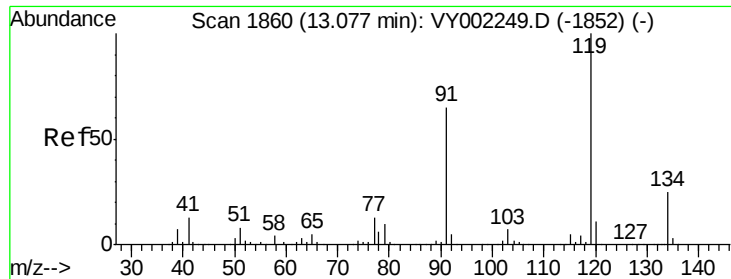
126 34.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

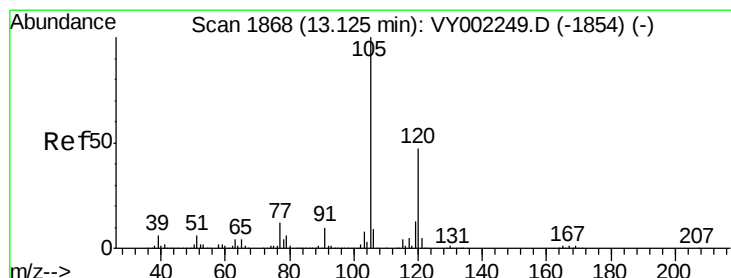
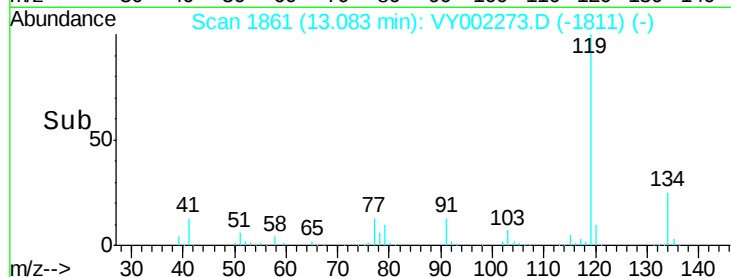
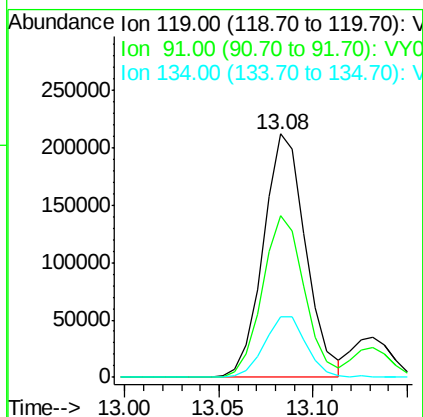
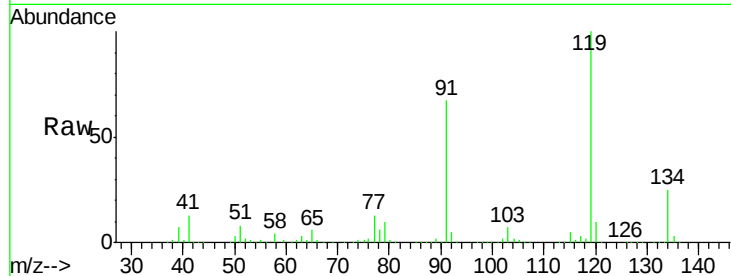




#83
tert-Butylbenzene
Concen: 48.519 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

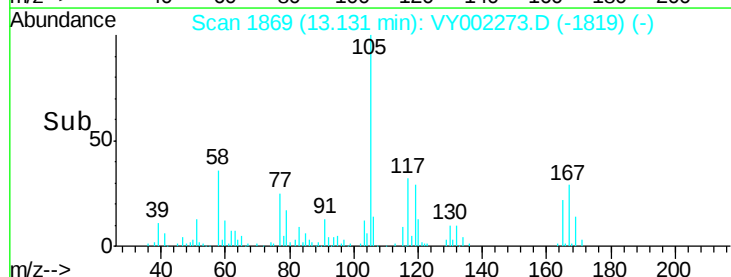
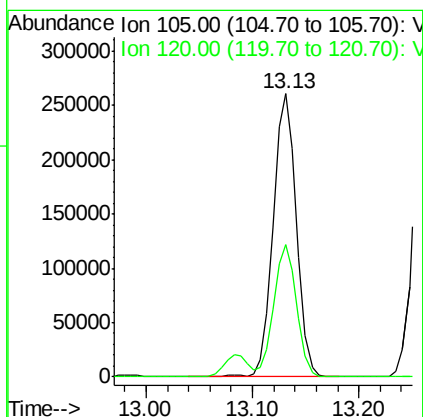
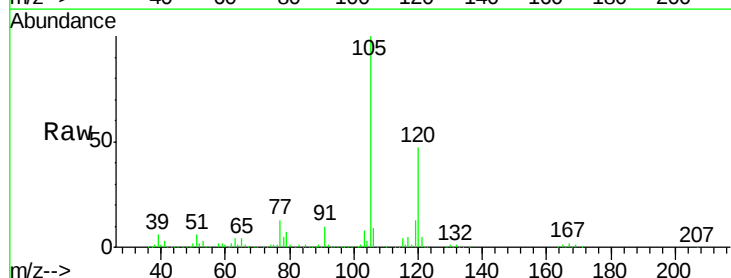
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

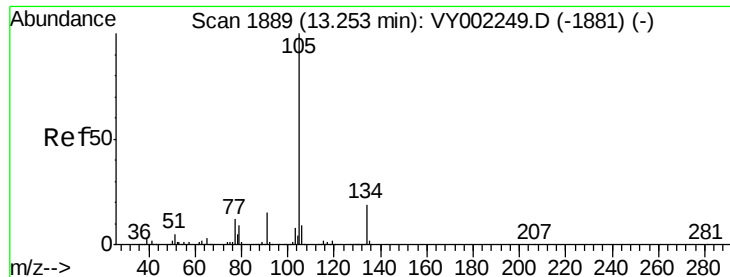
Tot Ion:119 Resp: 330877
Ion Ratio Lower Upper
119 100
91 65.9 32.4 97.0
134 24.9 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 48.627 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion:105 Resp: 395337
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.243 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

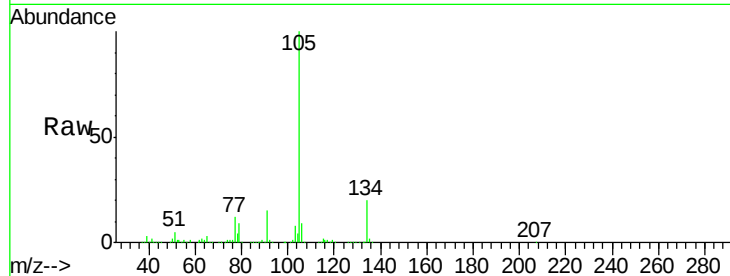
VSTDCCC050EC

Tot Ion:105 Resp: 490096

Ion Ratio Lower Upper

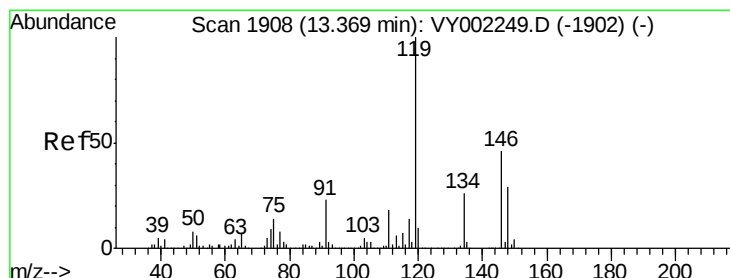
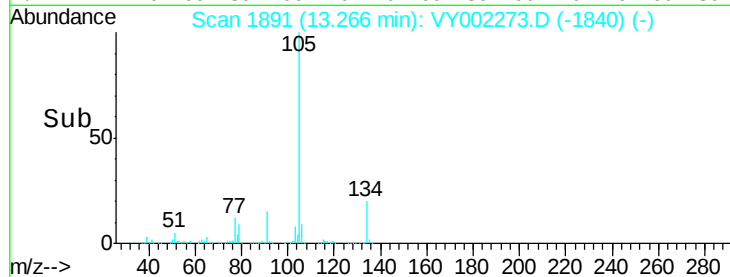
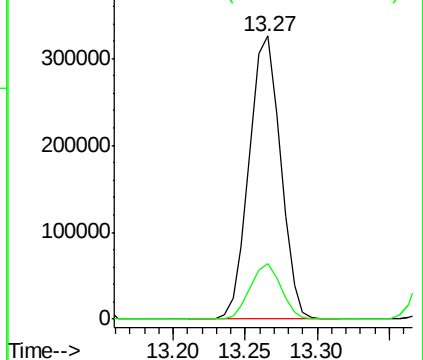
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.165 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

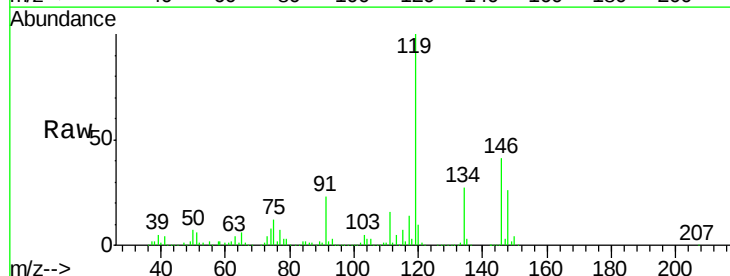
Tgt Ion:119 Resp: 421129

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

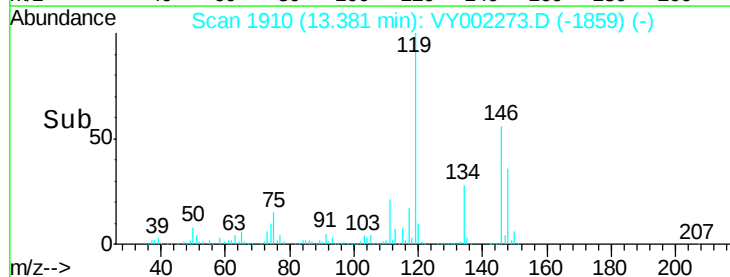
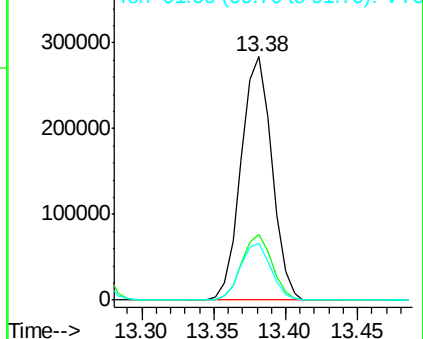
91 23.1 11.5 34.4

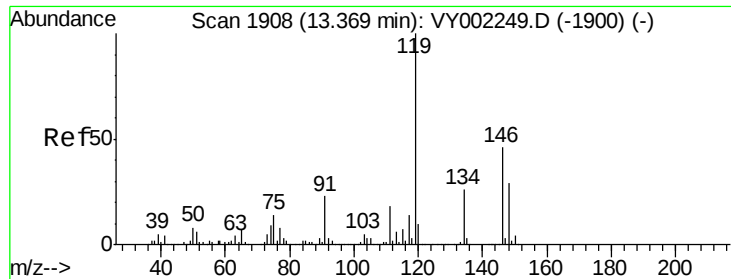


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

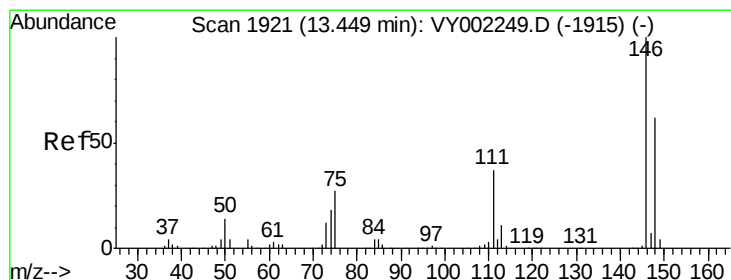
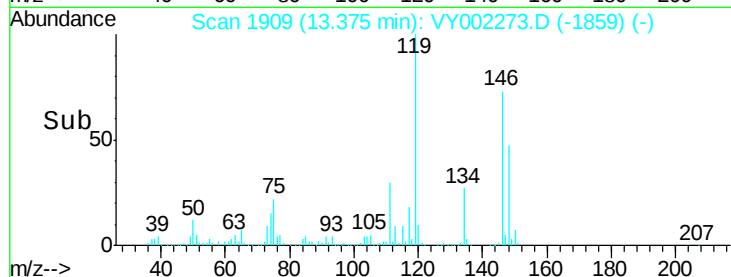
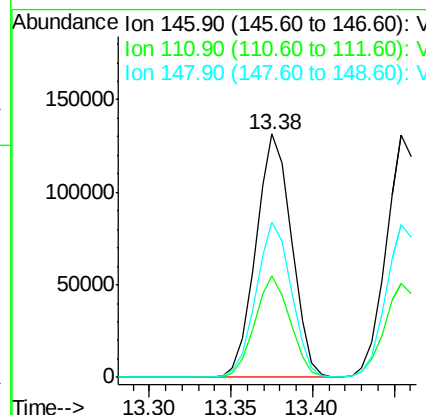
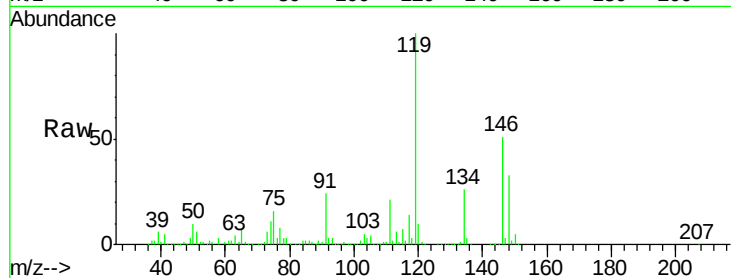




#87
 1,3-Dichlorobenzene
 Concen: 47.685 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

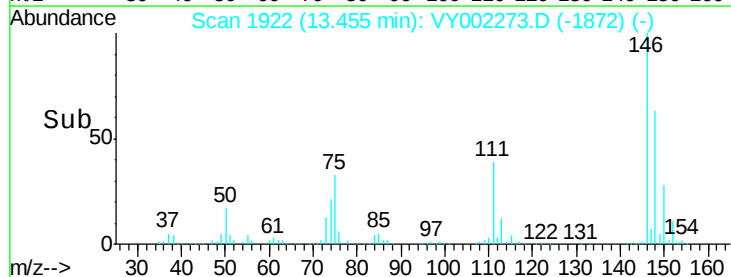
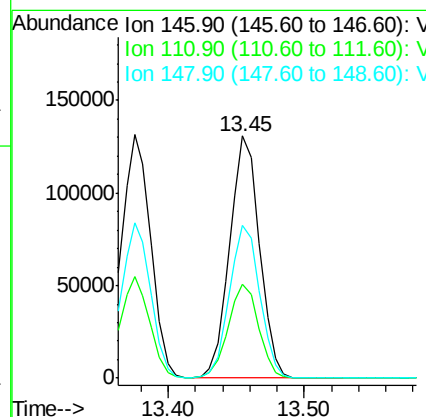
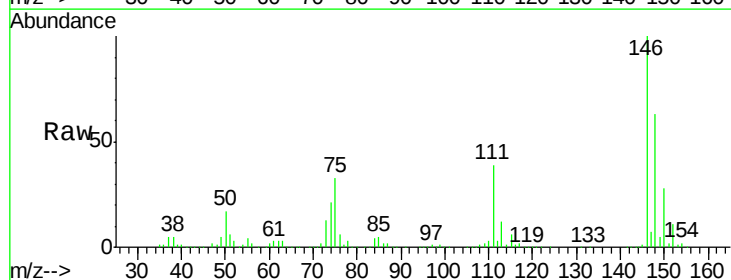
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

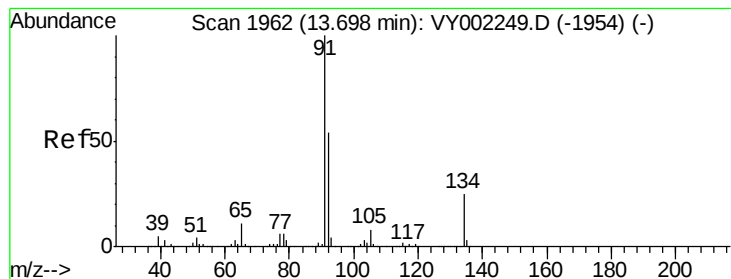
Tot Ion:146 Resp: 200154
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.749 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion:146 Resp: 199186
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 47.786 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

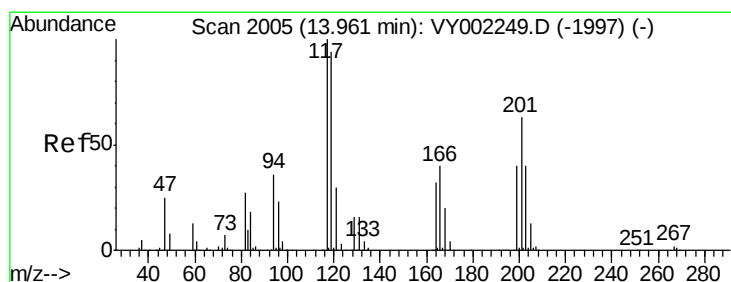
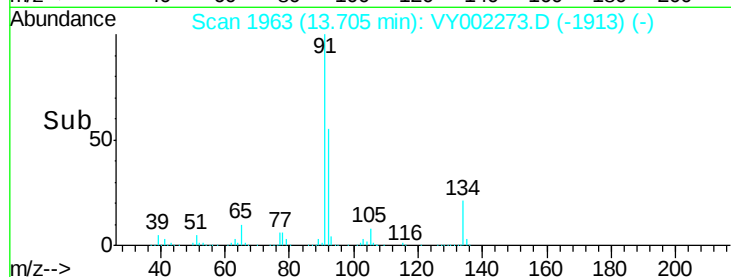
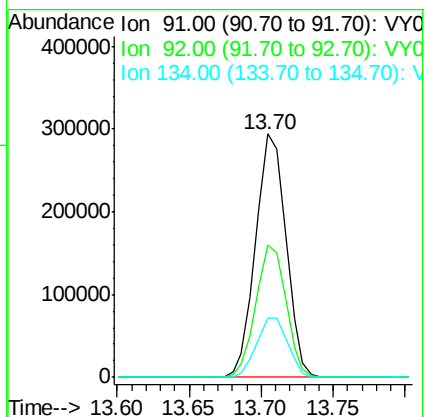
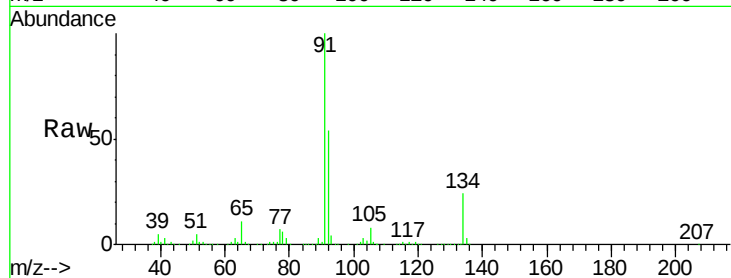
Tot Ion: 91 Resp: 428271

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.6

134 25.1 12.7 38.0



#90

Hexachloroethane

Concen: 48.421 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002273.D

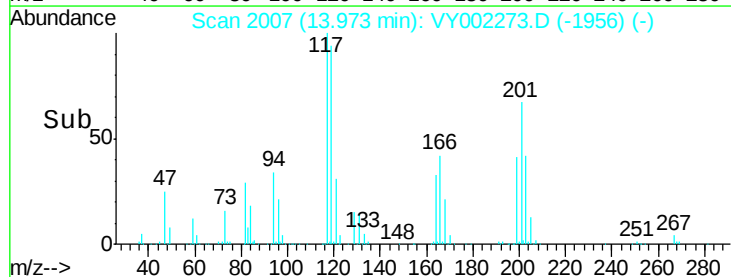
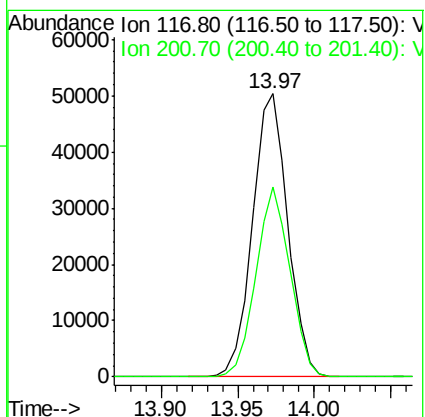
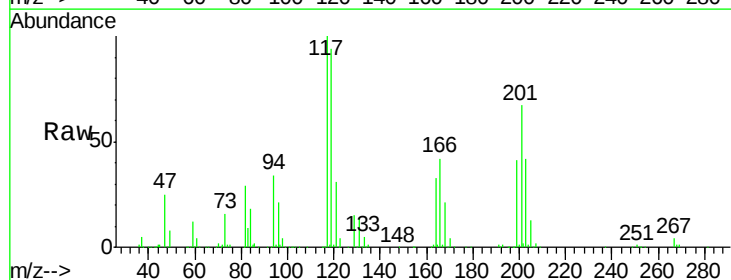
Acq: 09 Apr 2020 15:37

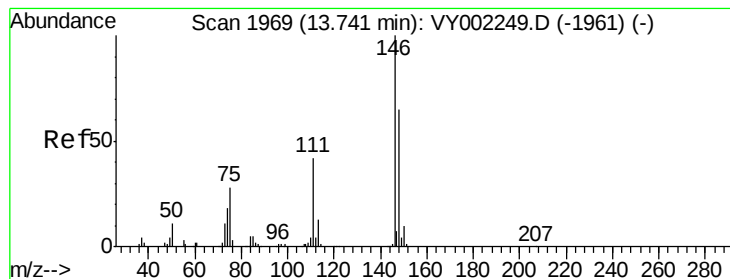
Tgt Ion: 117 Resp: 80676

Ion Ratio Lower Upper

117 100

201 65.1 33.1 99.2





#91

1,2-Dichlorobenzene

Concen: 47.668 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

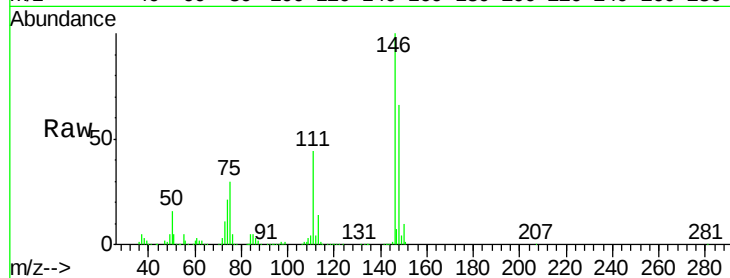
Tot Ion:146 Resp: 181811

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

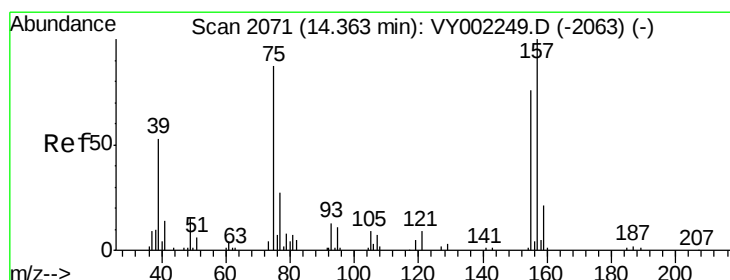
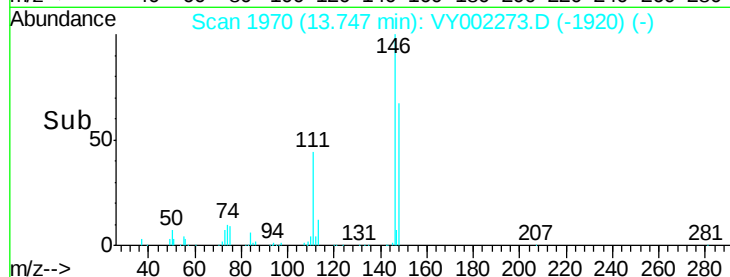
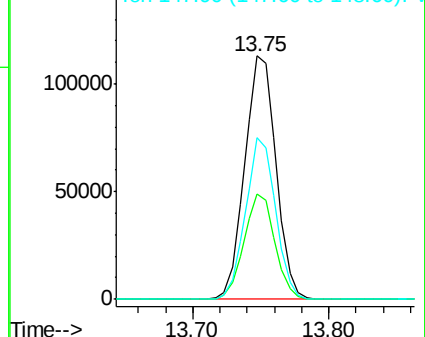
148 63.8 31.9 95.9



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: 49.348 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002273.D

Acq: 09 Apr 2020 15:37

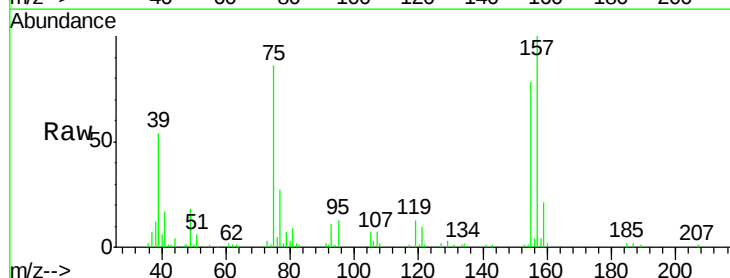
Tgt Ion: 75 Resp: 14215

Ion Ratio Lower Upper

75 100

155 87.2 43.6 130.8

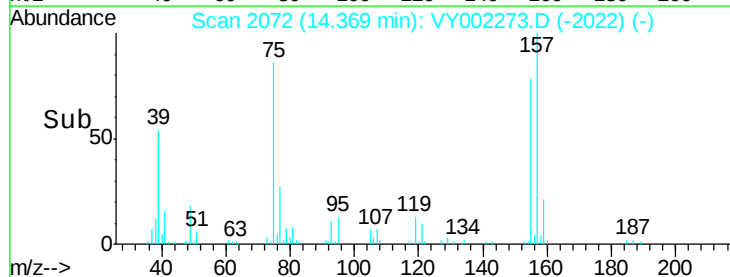
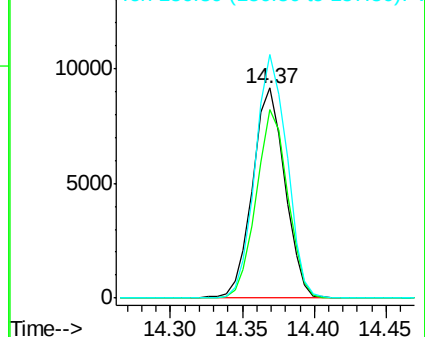
157 113.2 56.0 168.2

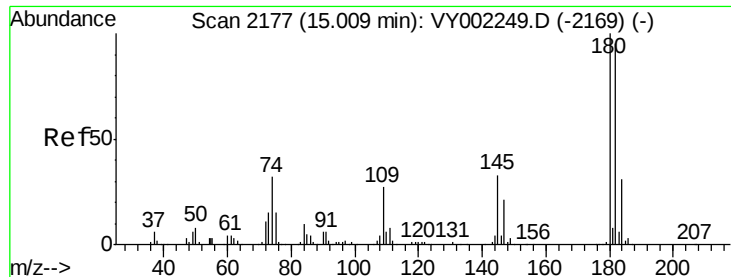


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

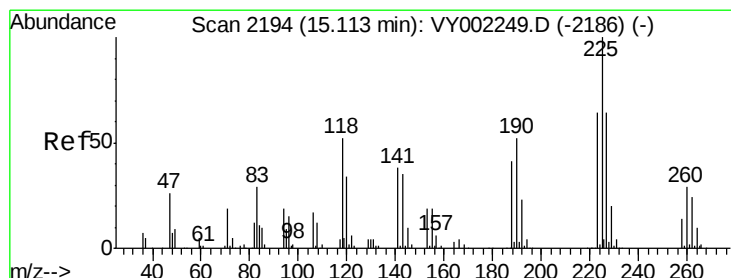
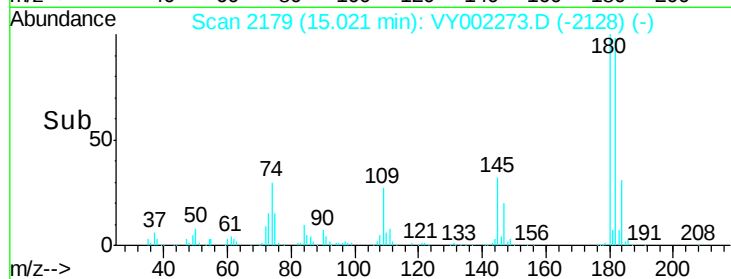
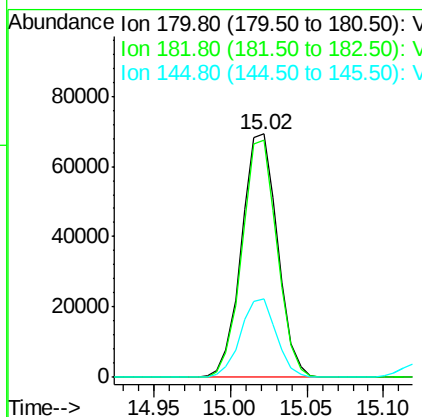
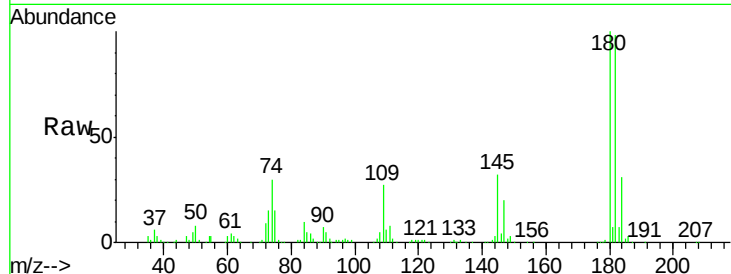




#93
 1,2,4-Trichlorobenzene
 Concen: 45.331 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

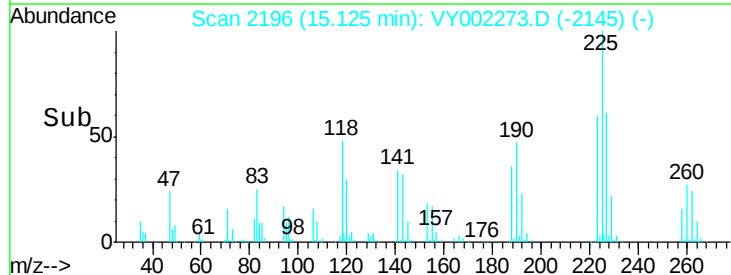
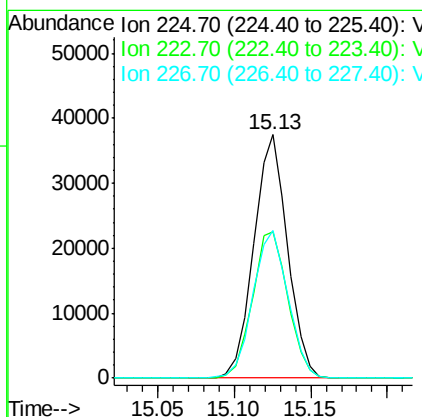
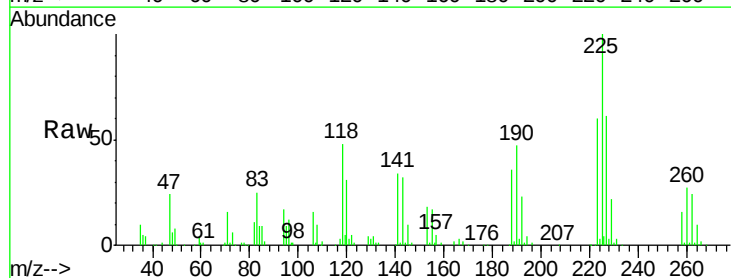
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

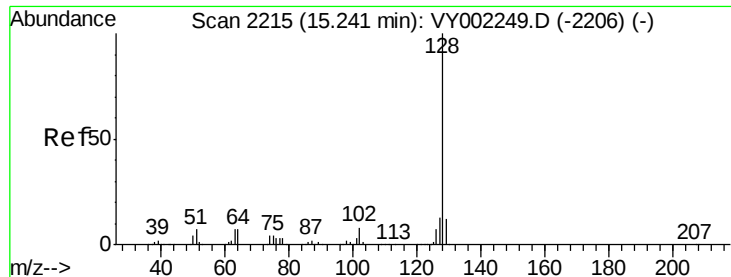
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	31.9	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 45.730 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002273.D
 Acq: 09 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.0	93.0
227	63.1	31.3	93.9

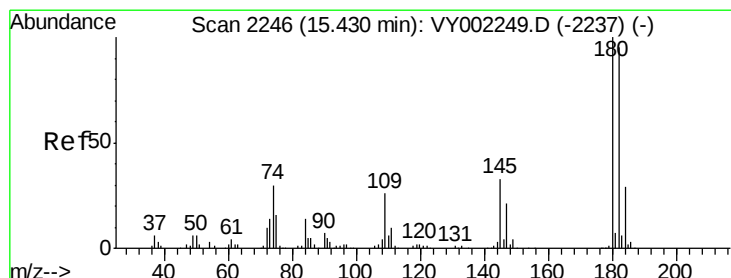
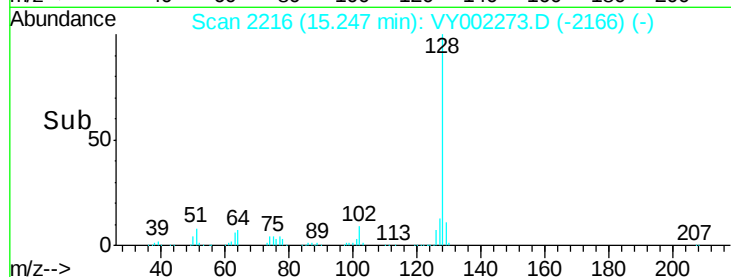
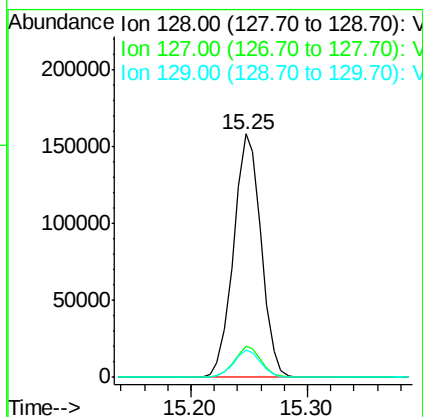
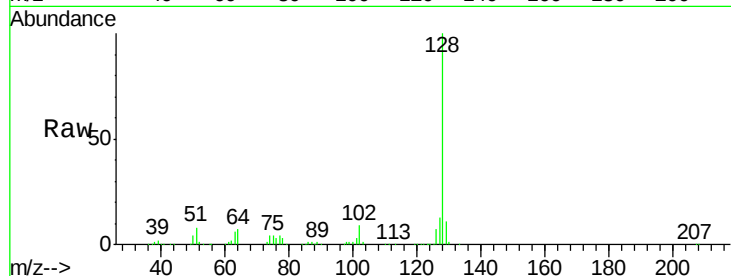




#95
Naphthalene
Concen: 47.670 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 260208
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.081 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002273.D
Acq: 09 Apr 2020 15:37

Tgt Ion:180 Resp: 97587
Ion Ratio Lower Upper
180 100
182 94.1 47.1 141.3
145 33.4 16.7 50.1

