

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002263.D
 Acq On : 09 Apr 2020 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 10 08:46:18 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	7.82	168	169974	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	305178	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	271761	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	123262	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	96304	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
35) Dibromofluoromethane	7.74	113	94566	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
50) Toluene-d8	10.19	98	397737	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	132371	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	85613	49.837	ug/l	96
3) Chloromethane	2.13	50	103842	48.030	ug/l	100
4) Vinyl Chloride	2.27	62	110420	47.983	ug/l	99
5) Bromomethane	2.67	94	69153	48.662	ug/l	98
6) Chloroethane	2.81	64	64964	48.950	ug/l	96
7) Trichlorofluoromethane	3.15	101	141062	47.465	ug/l	98
8) Diethyl Ether	3.55	74	59026	46.720	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	97666	48.380	ug/l	99
10) Methyl Iodide	4.12	142	112098	47.771	ug/l	99
11) Tert butyl alcohol	4.99	59	44696	217.637	ug/l	97
12) 1,1-Dichloroethene	3.90	96	96947	47.236	ug/l	99
13) Acrolein	3.76	56	54913	225.311	ug/l	99
14) Allyl chloride	4.51	41	162727	49.099	ug/l	100
15) Acrylonitrile	5.20	53	147863	228.860	ug/l	100
16) Acetone	3.97	43	147155	295.578	ug/l	98
17) Carbon Disulfide	4.22	76	328397	48.179	ug/l	98
18) Methyl Acetate	4.51	43	70169	45.439	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	250805	46.483	ug/l	99
20) Methylene Chloride	4.75	84	108634	44.394	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	109054	47.339	ug/l	95
22) Diisopropyl ether	6.15	45	324835	48.703	ug/l	98
23) Vinyl Acetate	6.09	43	1028546	241.989	ug/l	98
24) 1,1-Dichloroethane	6.05	63	183546	48.382	ug/l	99
25) 2-Butanone	7.01	43	202066	256.468	ug/l	95
26) 2,2-Dichloropropane	7.01	77	150364	47.382	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	118427	47.159	ug/l	99
28) Bromochloromethane	7.36	49	80420	49.107	ug/l	97
29) Tetrahydrofuran	7.37	42	119091	228.667	ug/l	98
30) Chloroform	7.54	83	170312	47.625	ug/l	96
31) Cyclohexane	7.81	56	187962	47.201	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	143750	48.294	ug/l	99
36) 1,1-Dichloropropene	7.94	75	147650	49.119	ug/l	99
37) Ethyl Acetate	7.10	43	78476	45.699	ug/l	99
38) Carbon Tetrachloride	7.93	117	126229	49.093	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	196793	48.127	ug/l	99
40) Benzene	8.18	78	434055	47.593	ug/l	98
41) Methacrylonitrile	7.35	41	47464m	46.854	ug/l	
42) 1,2-Dichloroethane	8.26	62	107397	47.538	ug/l	100
43) Isopropyl Acetate	8.29	43	146425	46.753	ug/l	100
44) Trichloroethene	8.96	130	123846	46.188	ug/l	96
45) 1,2-Dichloropropane	9.24	63	111450	49.252	ug/l	99
46) Dibromomethane	9.32	93	54986	46.474	ug/l	98
47) Bromodichloromethane	9.52	83	132145	48.676	ug/l	97
48) Methyl methacrylate	9.31	41	68433	48.731	ug/l	96
49) 1,4-Dioxane	9.32	88	15242	910.714	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	386082	236.575	ug/l	98
52) Toluene	10.26	92	266122	48.419	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	145578	49.217	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	173222	48.712	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	82633	47.704	ug/l	98
56) Ethyl methacrylate	10.52	69	118289	47.846	ug/l	99
57) 1,3-Dichloropropane	10.80	76	143971	47.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	323656	252.807	ug/l	99
59) 2-Hexanone	10.85	43	278112	245.546	ug/l	100
60) Dibromochloromethane	11.00	129	90047	48.752	ug/l	99
61) 1,2-Dibromoethane	11.10	107	78207	47.425	ug/l	100
64) Tetrachloroethene	10.73	164	132144	48.095	ug/l	96
65) Chlorobenzene	11.53	112	271764	48.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	90864	48.718	ug/l	98
67) Ethyl Benzene	11.60	91	507823	49.104	ug/l	99
68) m/p-Xylenes	11.71	106	376386	97.171	ug/l	100
69) o-Xylene	12.04	106	176944	48.657	ug/l	99
70) Styrene	12.05	104	308252	48.858	ug/l	100
71) Bromoform	12.22	173	49576	48.878	ug/l #	99
73) Isopropylbenzene	12.34	105	473987	48.947	ug/l	100
74) N-amyl acetate	12.15	43	131619	47.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	59581	50.855	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	61594m	43.032	ug/l	
77) Bromobenzene	12.62	156	101255	47.527	ug/l	98
78) n-propylbenzene	12.68	91	586571	48.704	ug/l	100
79) 2-Chlorotoluene	12.77	91	316493	48.356	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	391729	48.914	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36110	49.068	ug/l	97
82) 4-Chlorotoluene	12.86	91	327087	47.681	ug/l	99
83) tert-Butylbenzene	13.08	119	325765	48.562	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	386748	48.360	ug/l	100
85) sec-Butylbenzene	13.26	105	485352	48.569	ug/l	100
86) p-Isopropyltoluene	13.38	119	421412	48.997	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	194955	47.217	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	194605	46.432	ug/l	98
89) n-Butylbenzene	13.70	91	426675	48.398	ug/l	100
90) Hexachloroethane	13.97	117	79518	48.518	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	177349	47.270	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13171	46.482	ug/l	97

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QLast Update : Wed Apr 08 15:15:02 2020
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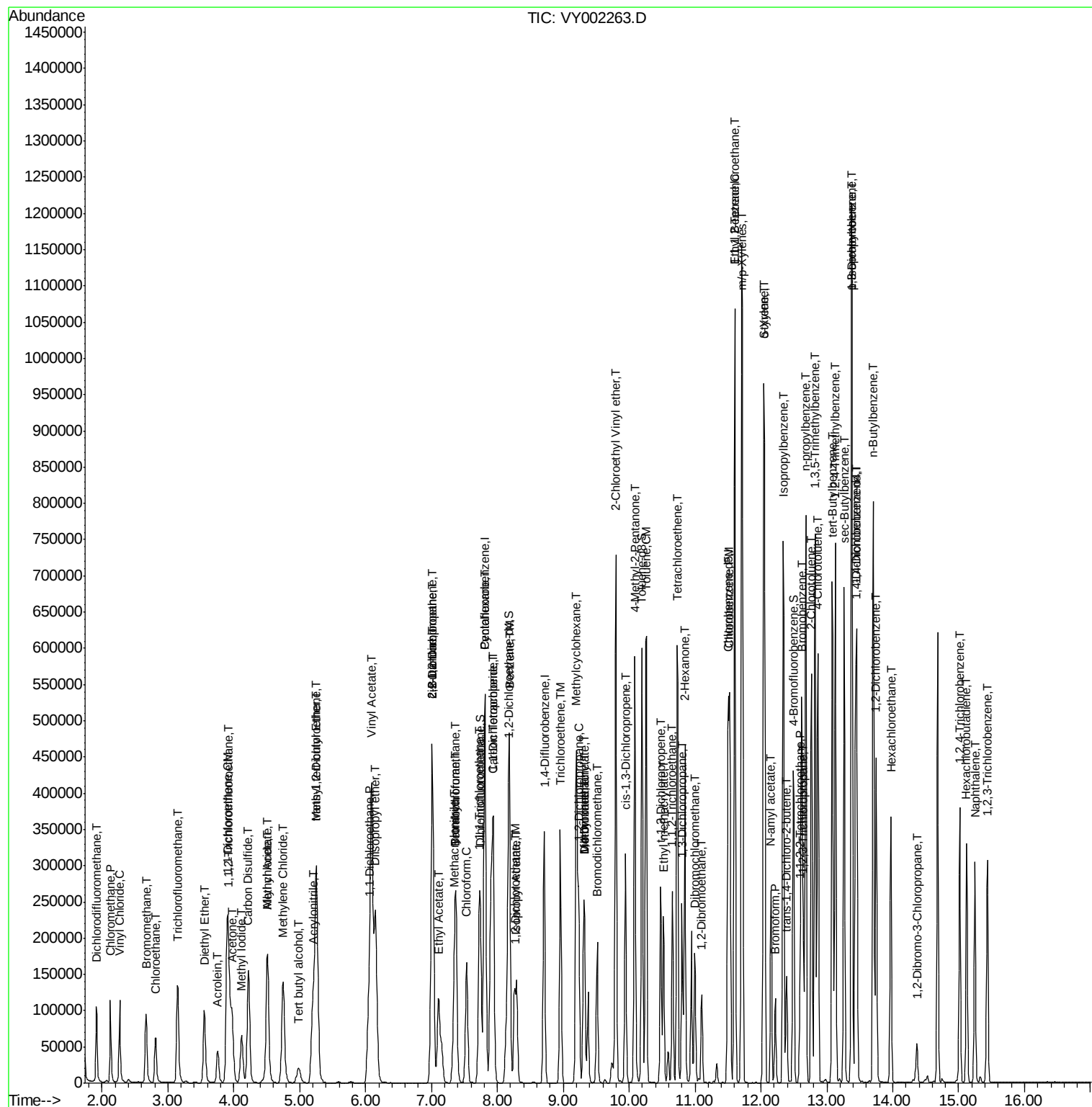
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	111614	45.514	ug/l	99
94) Hexachlorobutadiene	15.13	225	57616	46.648	ug/l	99
95) Naphthalene	15.25	128	240022	44.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	93648	43.979	ug/l	98

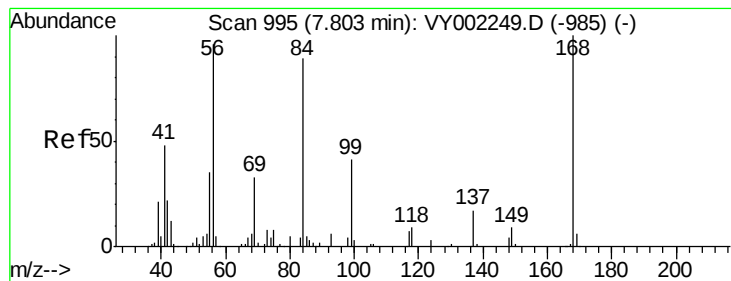
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

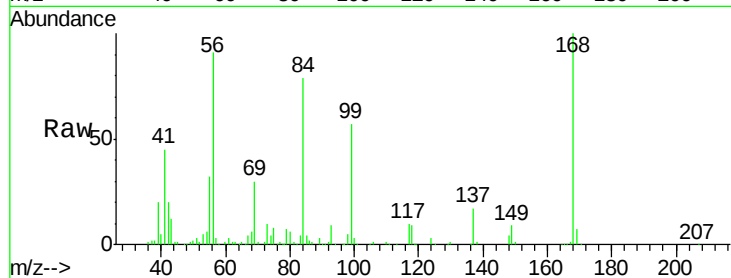
VSTDCCC050

Tot Ion:168 Resp: 169974

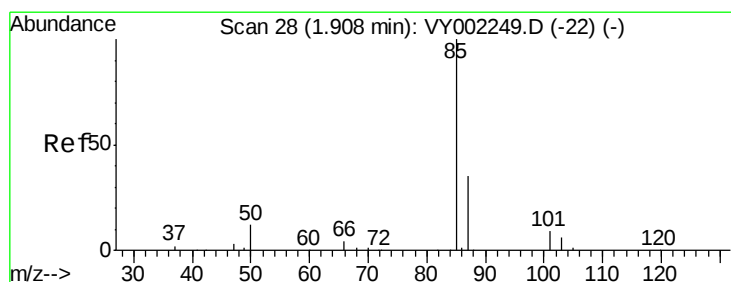
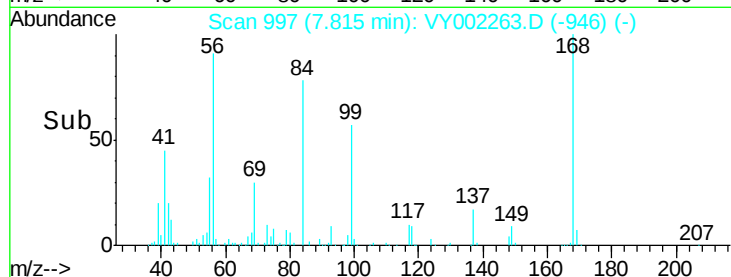
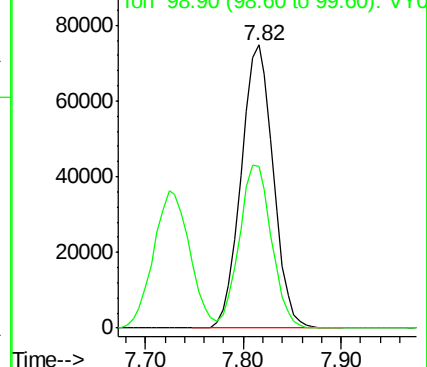
Ion Ratio Lower Upper

168 100

99 57.1 48.0 72.0



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



#2

Dichlorodifluoromethane

Concen: 49.837 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002263.D

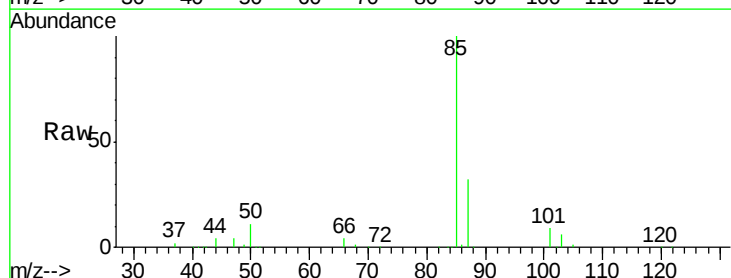
Acq: 09 Apr 2020 10:04

Tgt Ion: 85 Resp: 85613

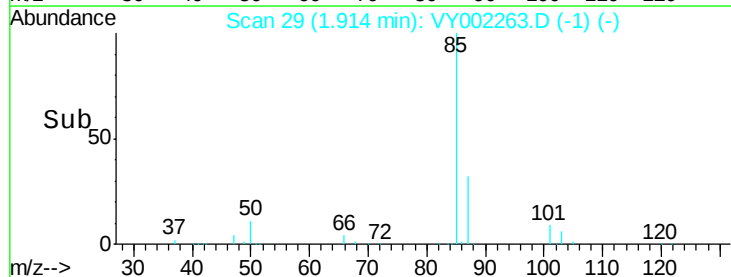
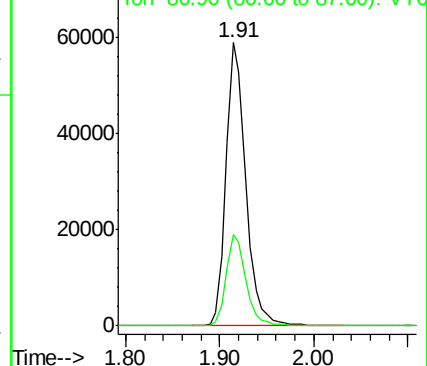
Ion Ratio Lower Upper

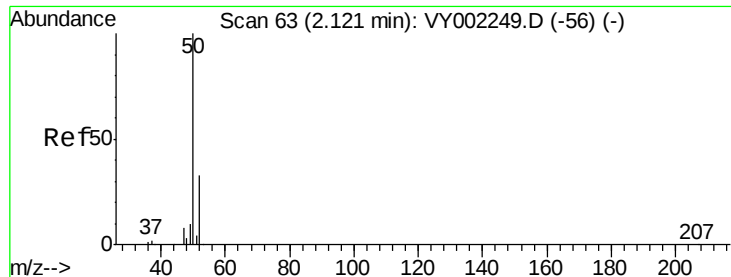
85 100

87 32.5 17.3 51.9



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





#3

Chloromethane

Concen: 48.030 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

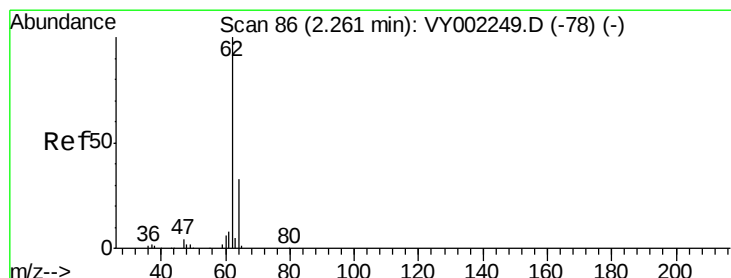
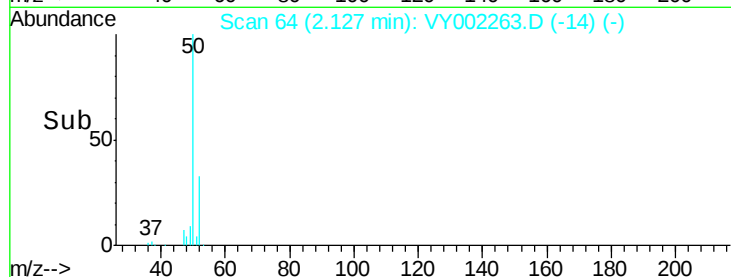
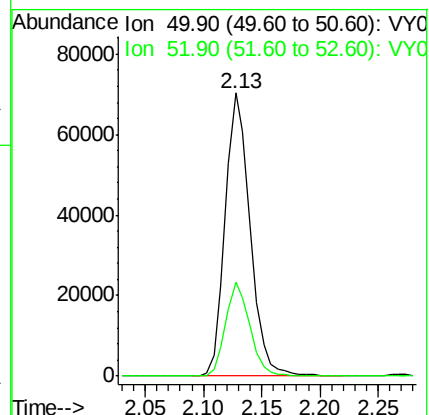
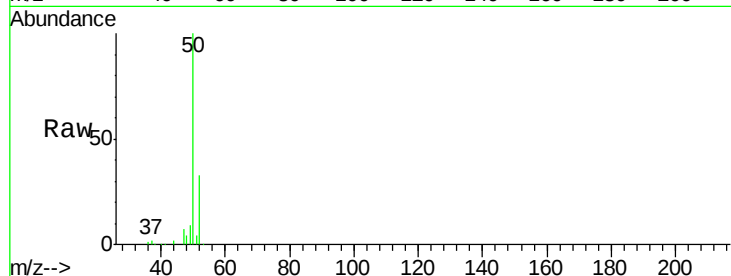
VSTDCCC050

Tot Ion: 50 Resp: 103842

Ion Ratio Lower Upper

50 100

52 33.4 26.6 39.8



#4

Vinyl Chloride

Concen: 47.983 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002263.D

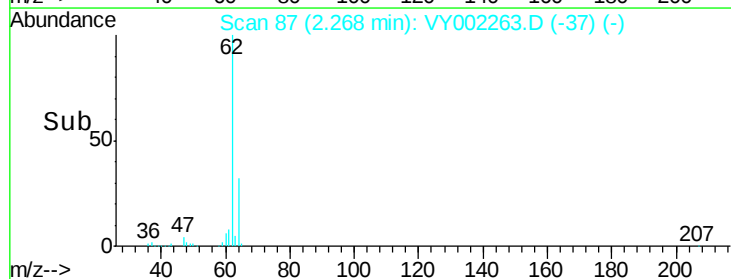
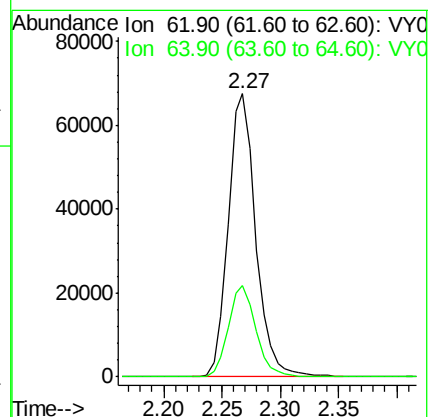
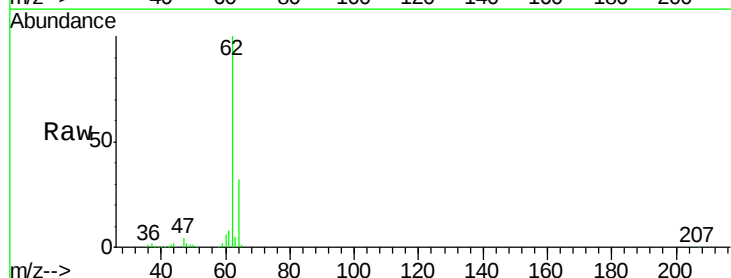
Acq: 09 Apr 2020 10:04

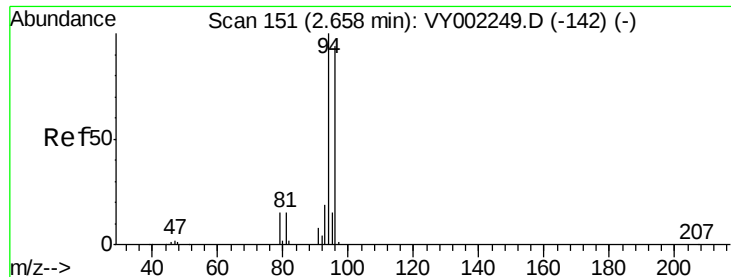
Tgt Ion: 62 Resp: 110420

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 48.662 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

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ClientSampleId :

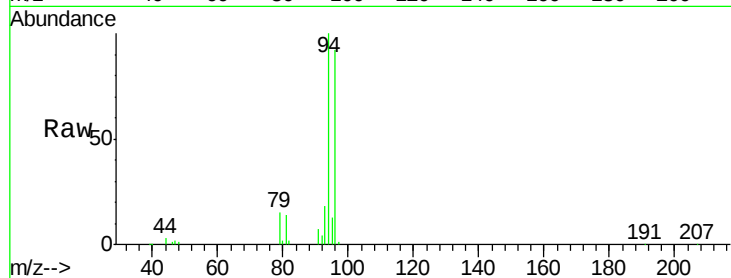
VSTDCCC050

Tot Ion: 94 Resp: 69153

Ion Ratio Lower Upper

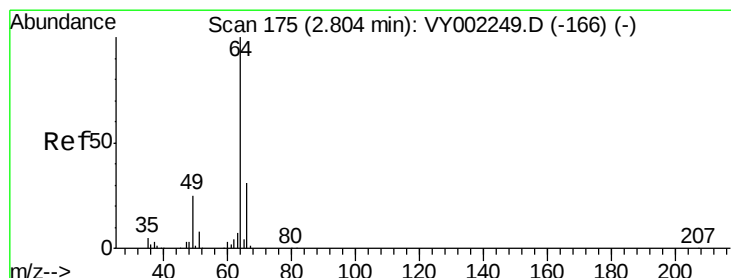
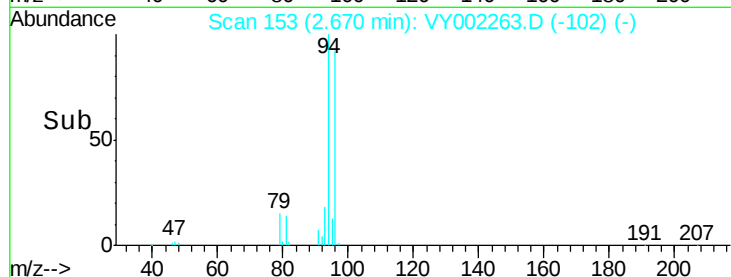
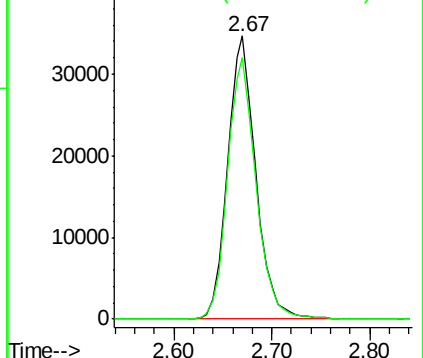
94 100

96 92.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.950 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002263.D

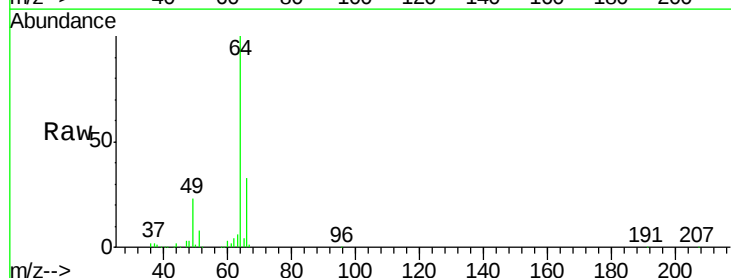
Acq: 09 Apr 2020 10:04

Tgt Ion: 64 Resp: 64964

Ion Ratio Lower Upper

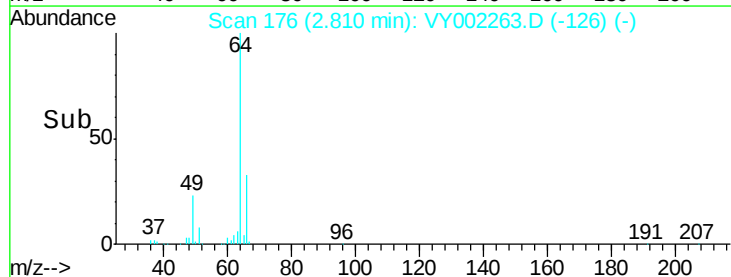
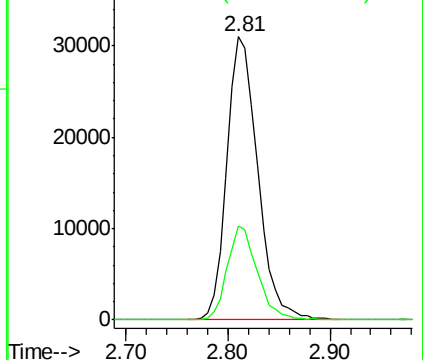
64 100

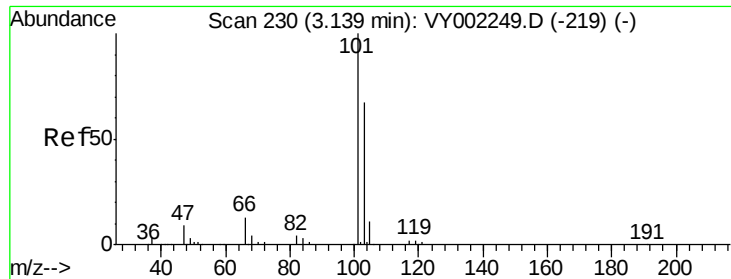
66 33.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



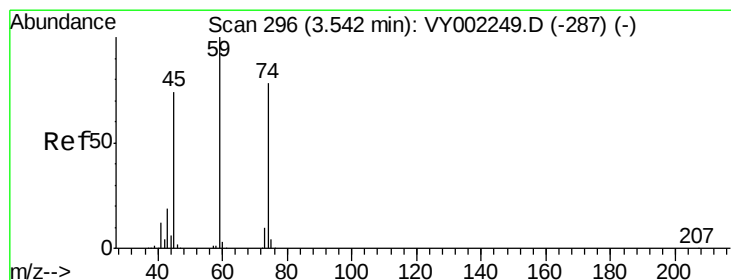
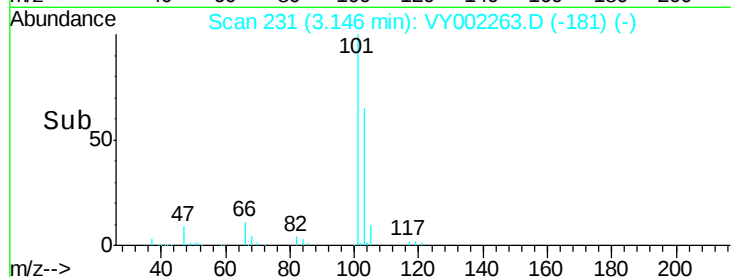
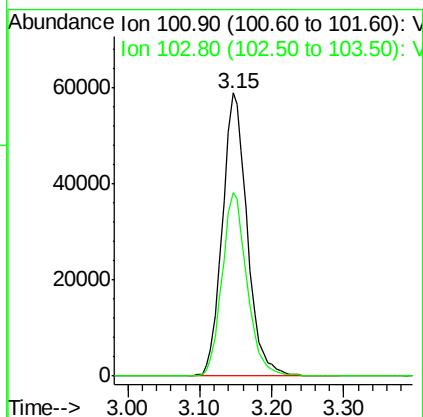
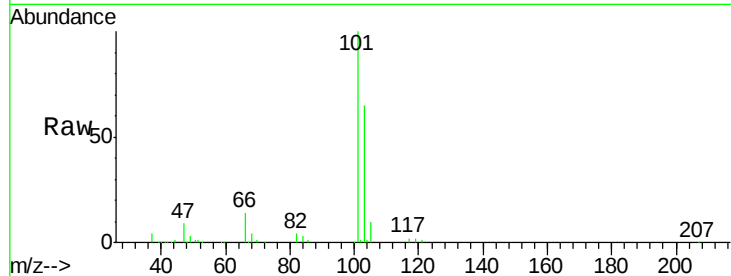


#7

Trichlorofluoromethane
Concen: 47.465 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002263.D
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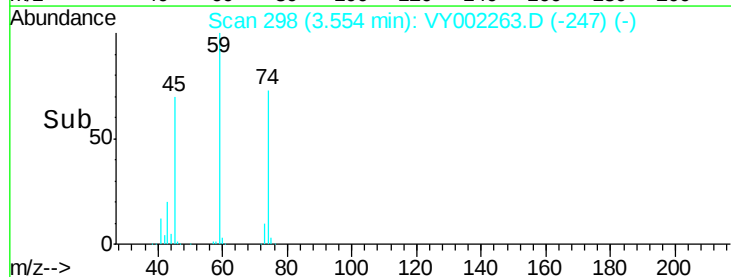
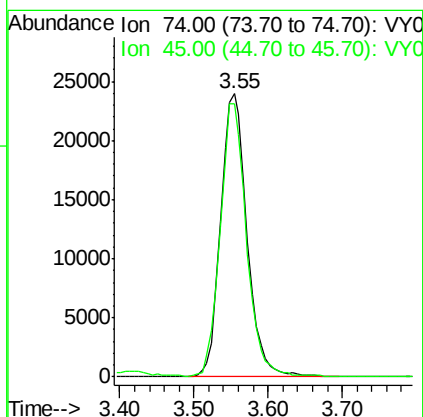
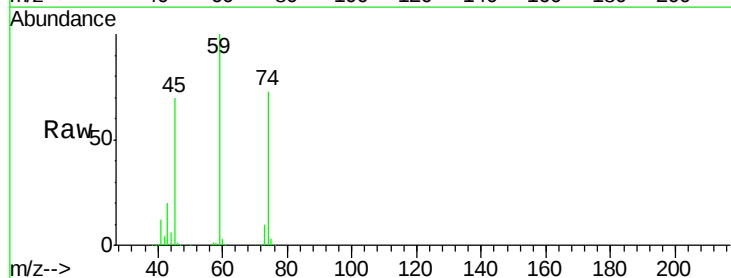
Tot Ion:101 Resp: 141062
Ion Ratio Lower Upper
101 100
103 65.0 53.3 79.9

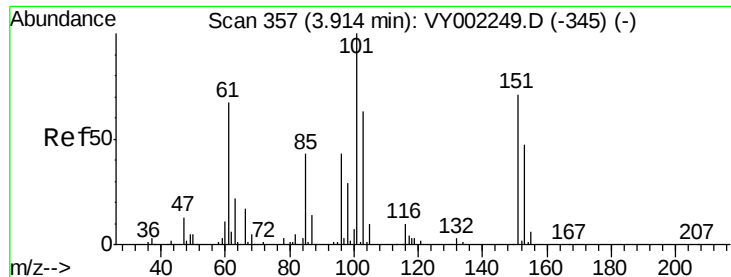


#8

Diethyl Ether
Concen: 46.720 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 74 Resp: 59026
Ion Ratio Lower Upper
74 100
45 96.6 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.380 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002263.D

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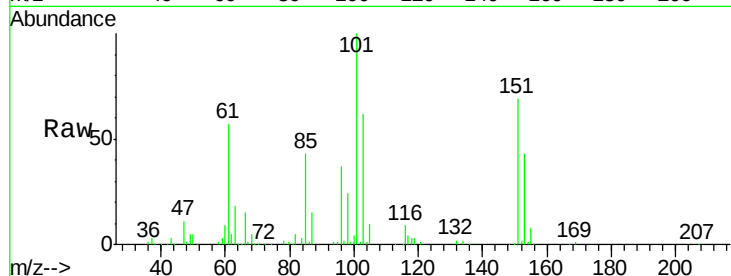
Tot Ion:101 Resp: 97666

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

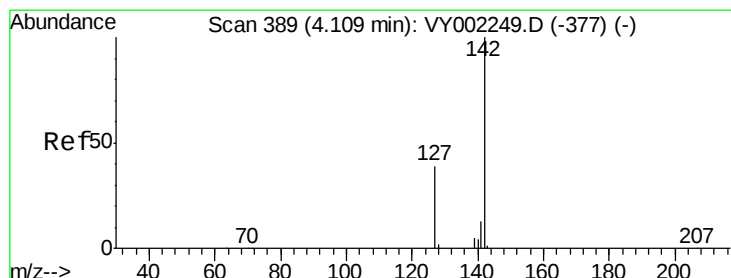
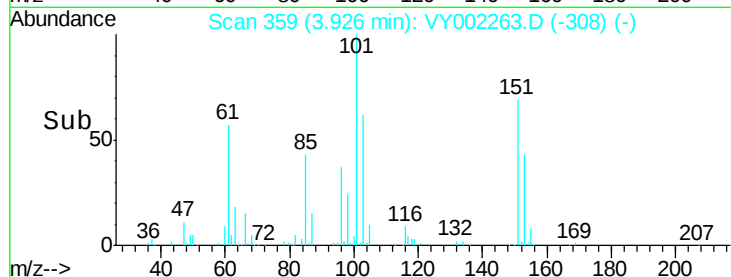
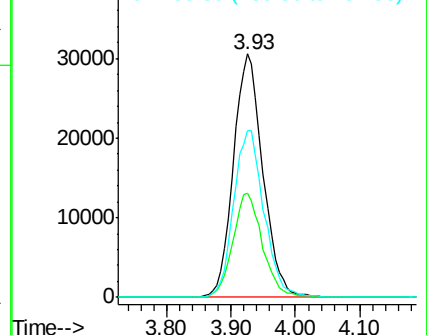
151 70.5 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.771 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

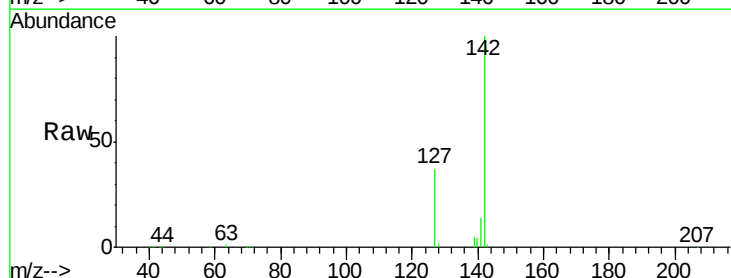
Tgt Ion:142 Resp: 112098

Ion Ratio Lower Upper

142 100

127 39.9 32.4 48.6

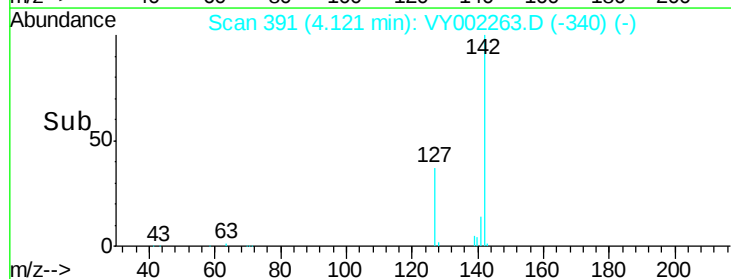
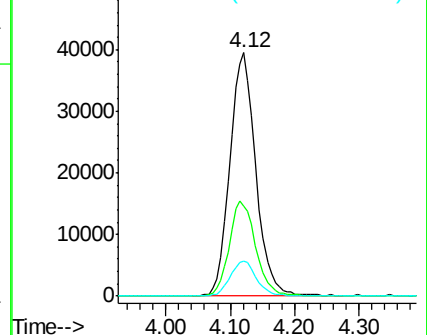
141 14.4 11.2 16.8

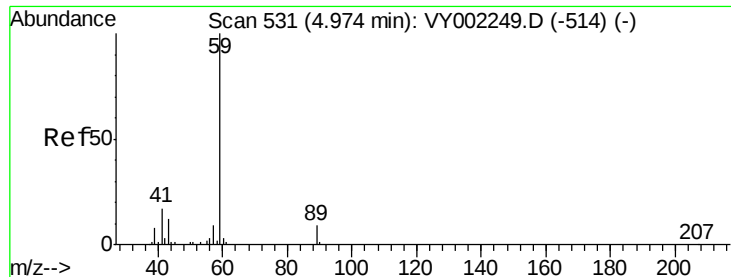


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



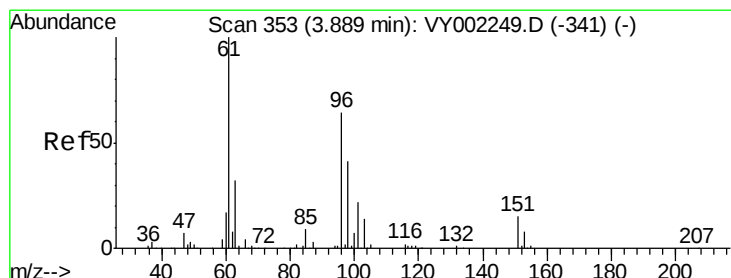
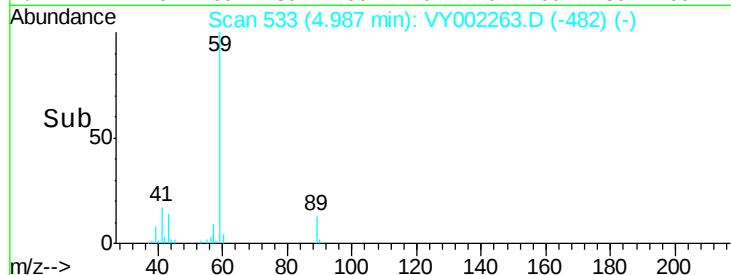
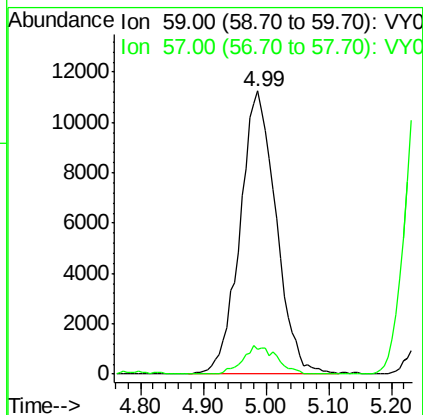
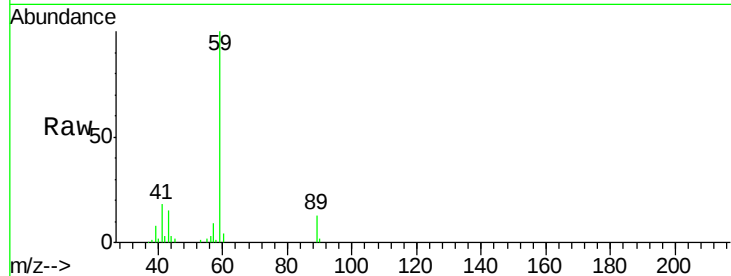


#11

Tert butyl alcohol
 Concen: 217.637 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

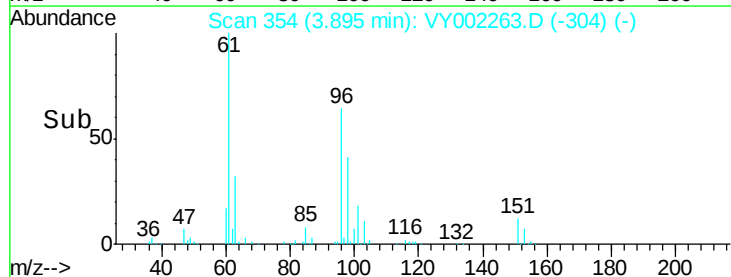
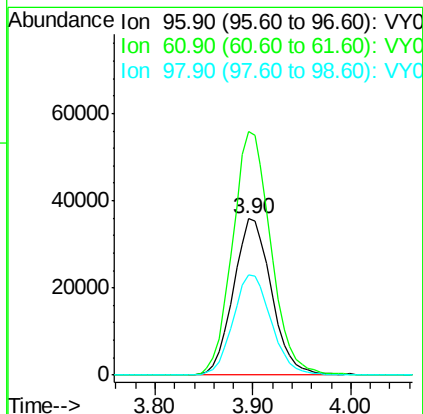
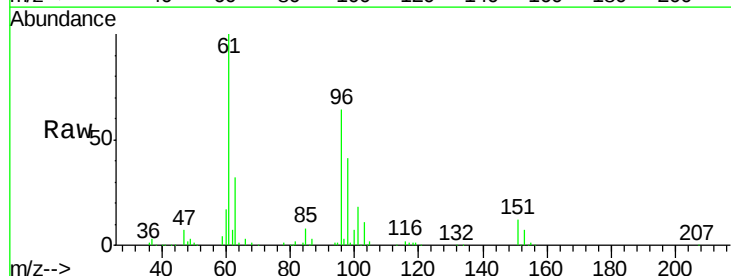
Tot Ion: 59 Resp: 44696
 Ion Ratio Lower Upper
 59 100
 57 9.3 6.6 9.8

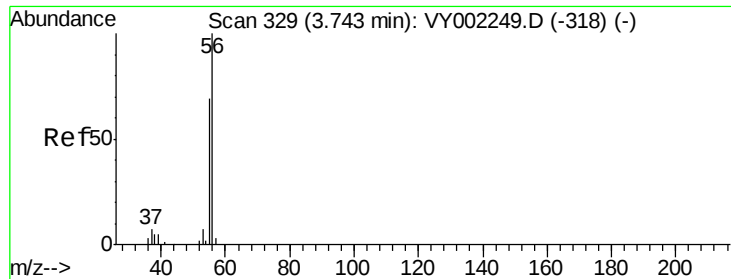


#12

1,1-Dichloroethene
 Concen: 47.236 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion: 96 Resp: 96947
 Ion Ratio Lower Upper
 96 100
 61 155.8 125.9 188.9
 98 63.8 51.1 76.7

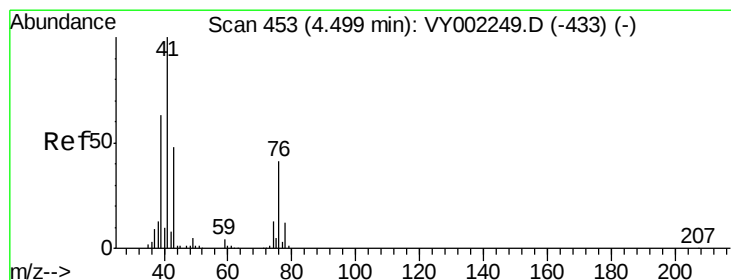
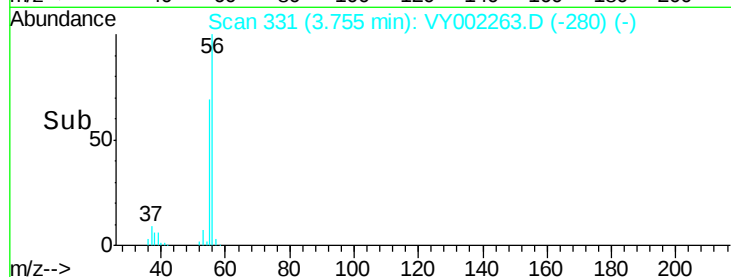
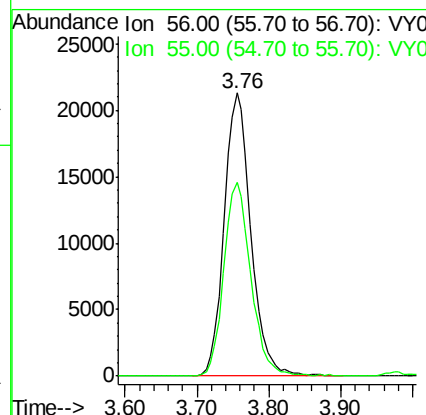
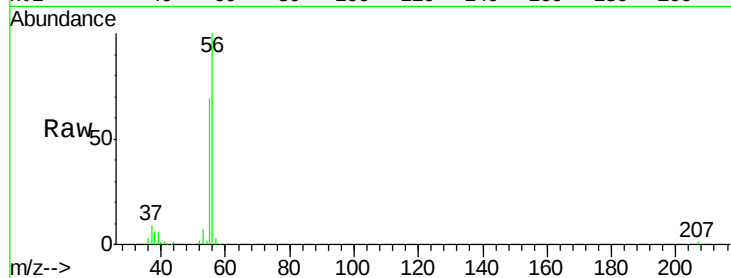




#13
Acrolein
Concen: 225.311 ug/l
RT: 3.76 min Scan# 331
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

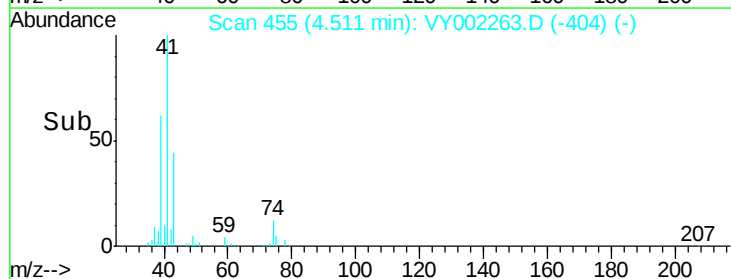
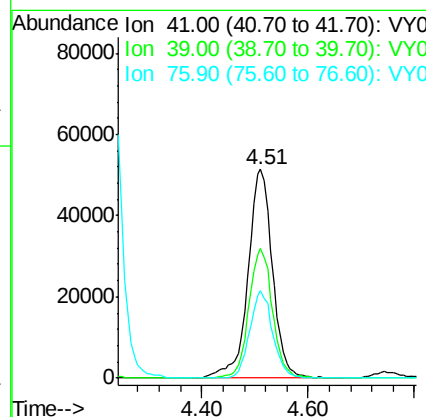
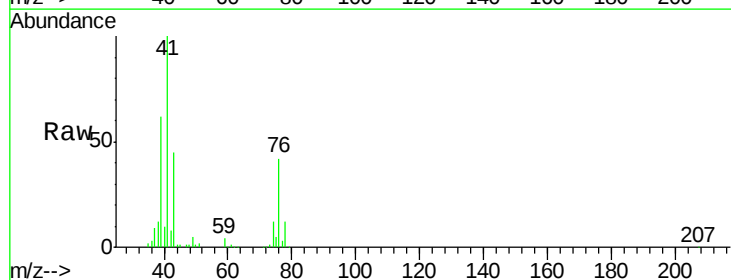
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

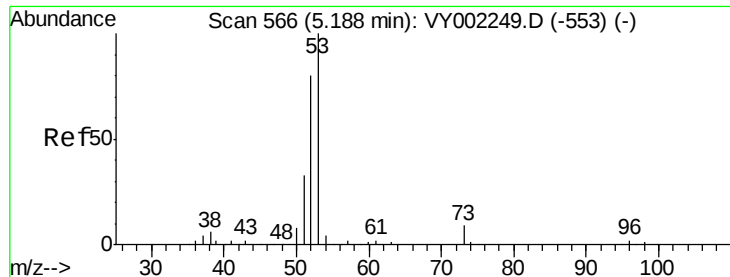
Tot Ion: 56 Resp: 54913
Ion Ratio Lower Upper
56 100
55 69.2 55.8 83.8



#14
Allyl chloride
Concen: 49.099 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 41 Resp: 162727
Ion Ratio Lower Upper
41 100
39 60.2 48.0 72.0
76 38.9 31.0 46.6





#15

Acrylonitrile

Concen: 228.860 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

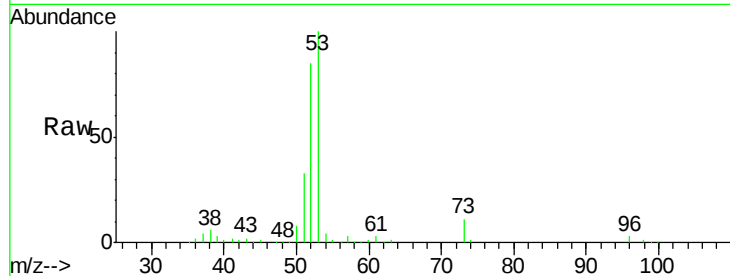
Tot Ion: 53 Resp: 147863

Ion Ratio Lower Upper

53 100

52 81.2 65.1 97.7

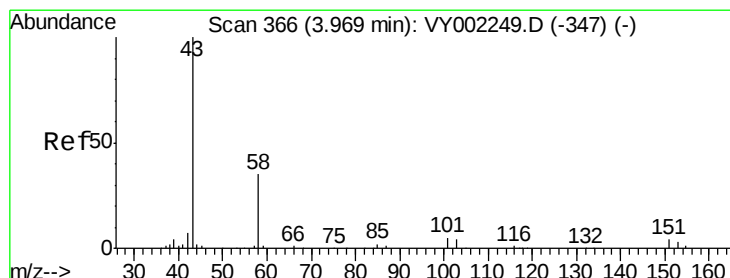
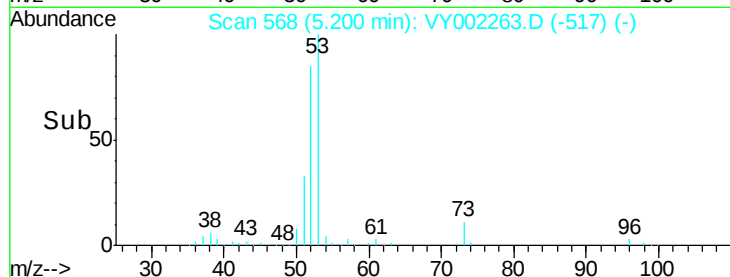
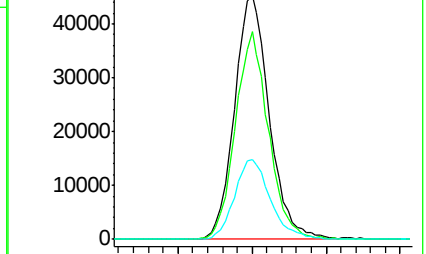
51 33.9 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY002249.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002249.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002249.D (-553) (-)



#16

Acetone

Concen: 295.578 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002263.D

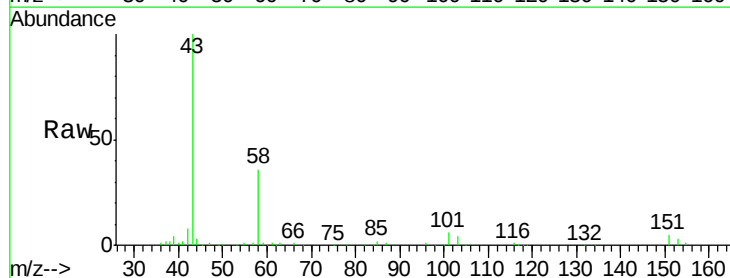
Acq: 09 Apr 2020 10:04

Tgt Ion: 43 Resp: 147155

Ion Ratio Lower Upper

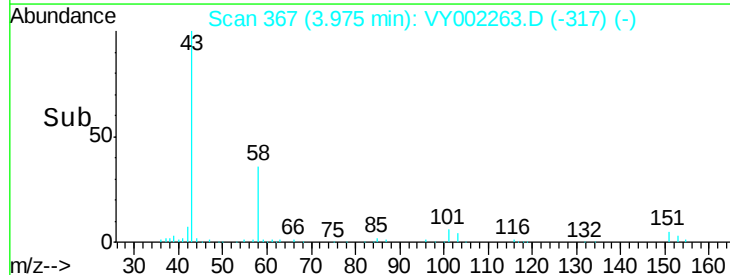
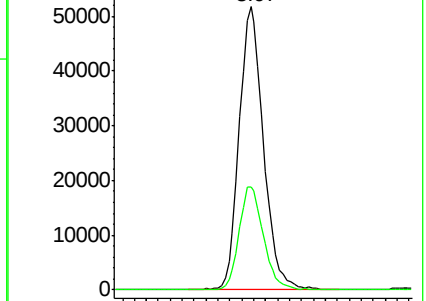
43 100

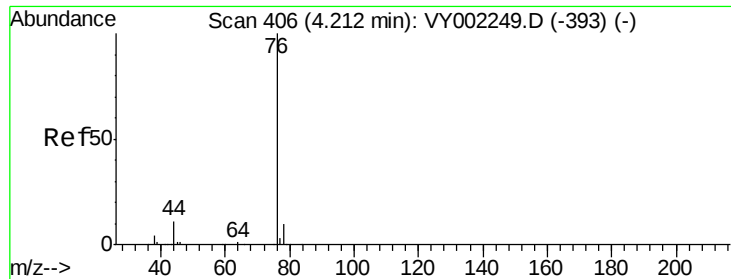
58 36.5 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

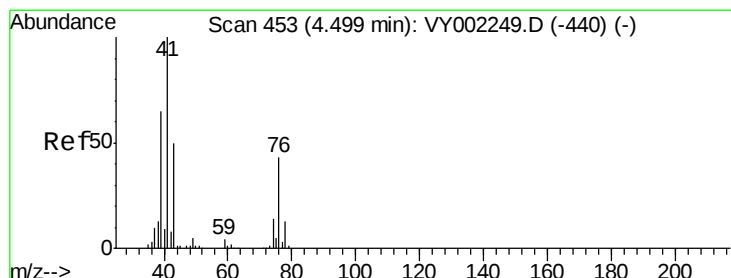
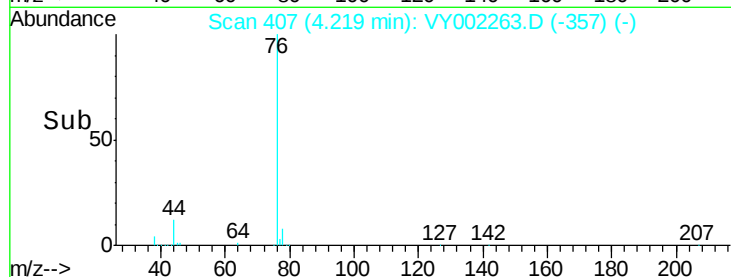
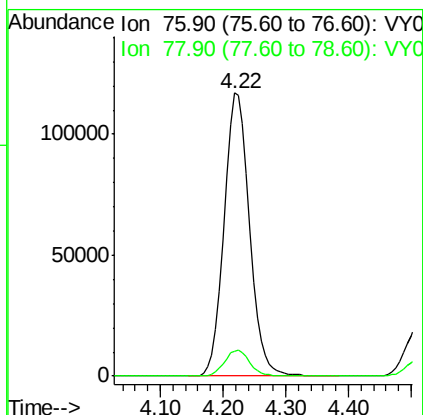
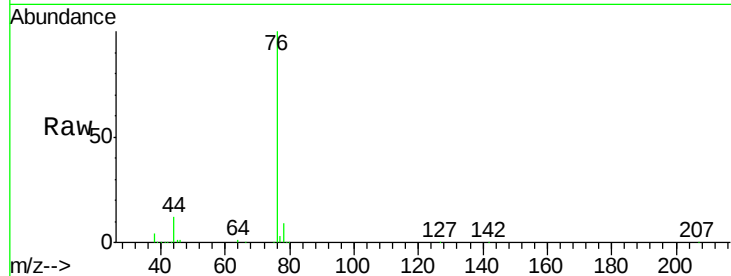




#17
Carbon Disulfide
Concen: 48.179 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

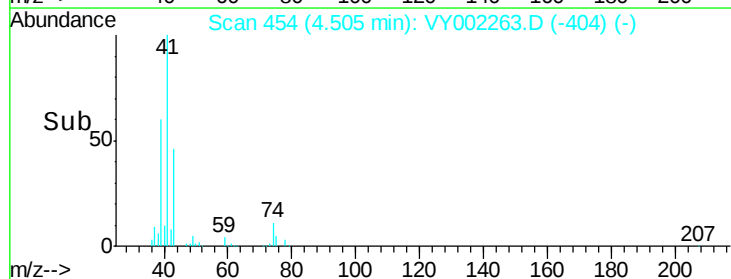
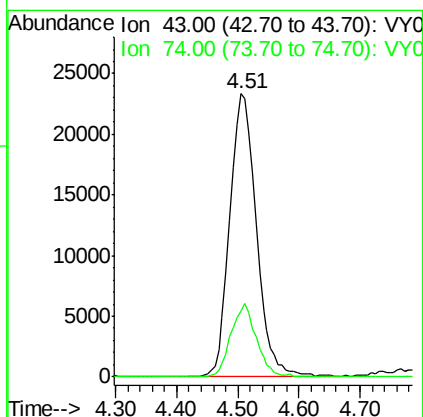
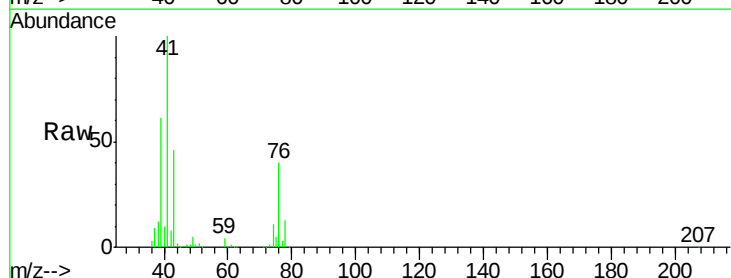
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

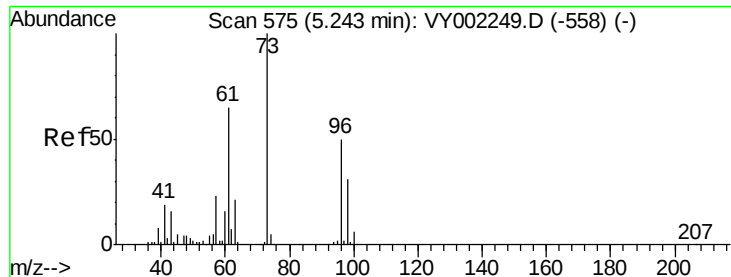
Tot Ion: 76 Resp: 328397
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 45.439 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 43 Resp: 70169
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5

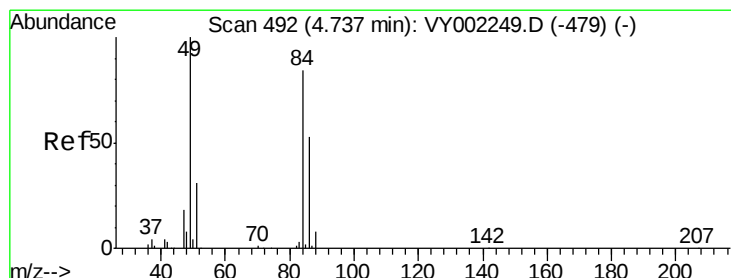
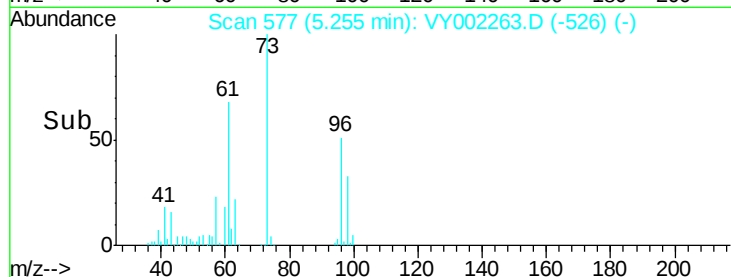
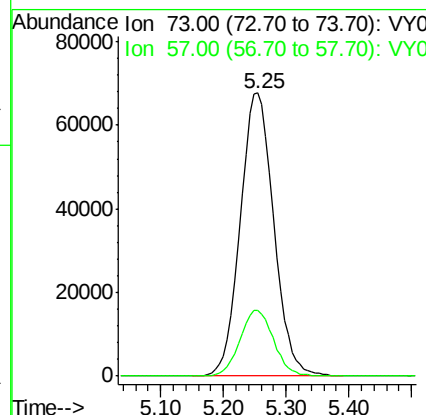
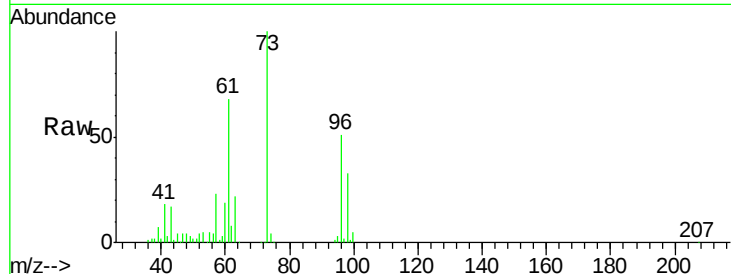




#19
Methvl tert-butvl Ether
Concen: 46.483 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

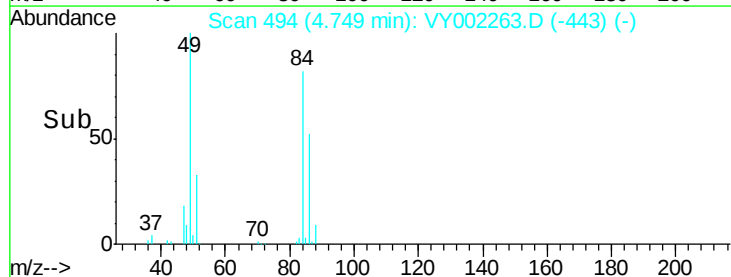
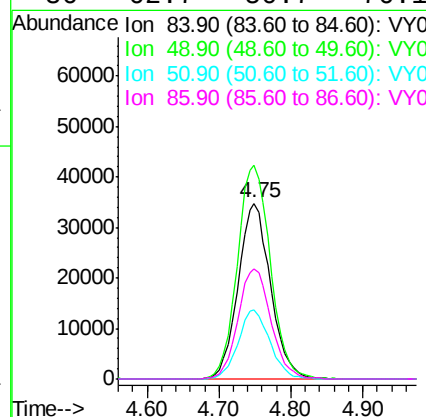
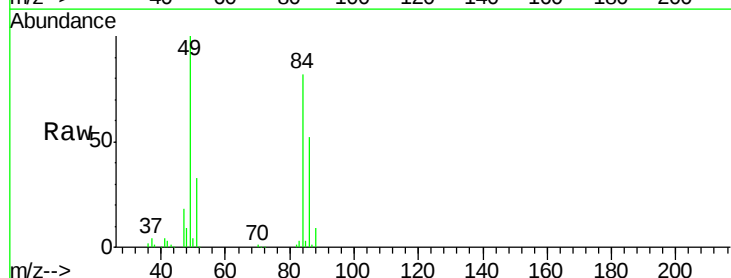
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

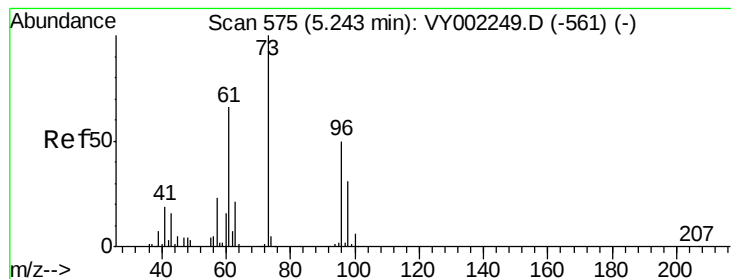
Tot Ion: 73 Resp: 250805
Ion Ratio Lower Upper
73 100
57 23.1 18.7 28.1



#20
Methylene Chloride
Concen: 44.394 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 84 Resp: 108634
Ion Ratio Lower Upper
84 100
49 121.3 95.5 143.3
51 39.6 29.5 44.3
86 62.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 47.339 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

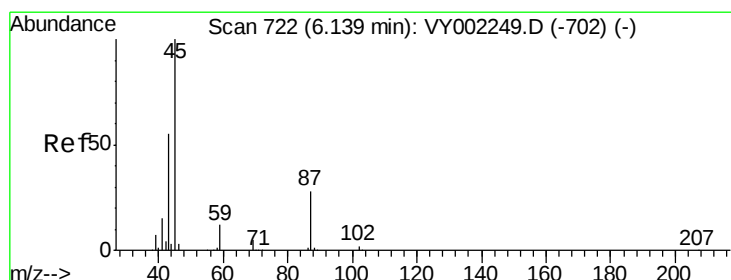
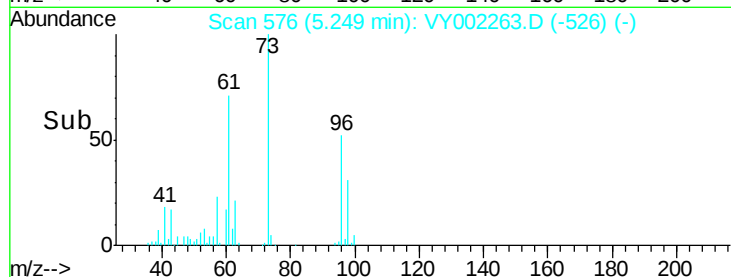
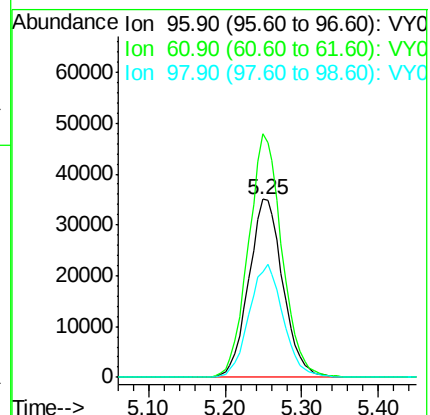
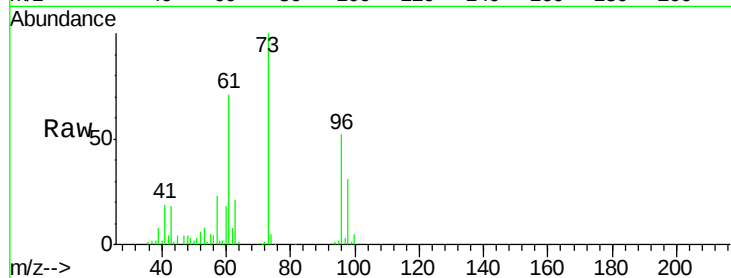
Tot Ion: 96 Resp: 109054

Ion Ratio Lower Upper

96 100

61 136.9 104.6 157.0

98 59.3 50.1 75.1



#22

Diisopropyl ether

Concen: 48.703 ug/l

RT: 6.15 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Tgt Ion: 45 Resp: 324835

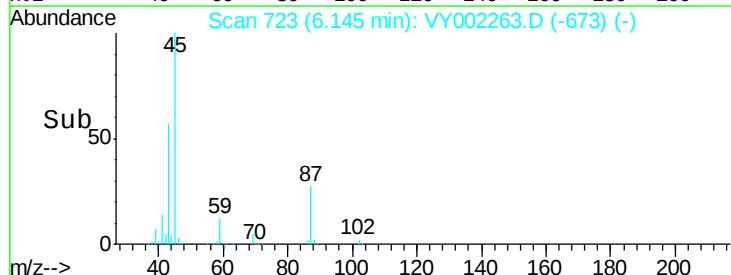
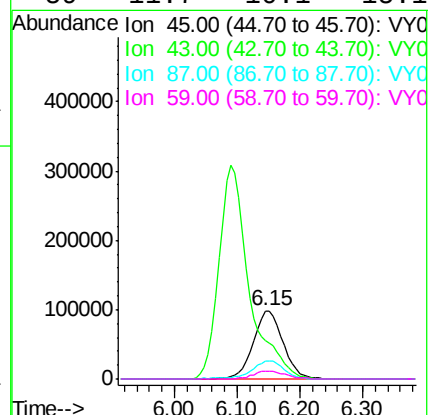
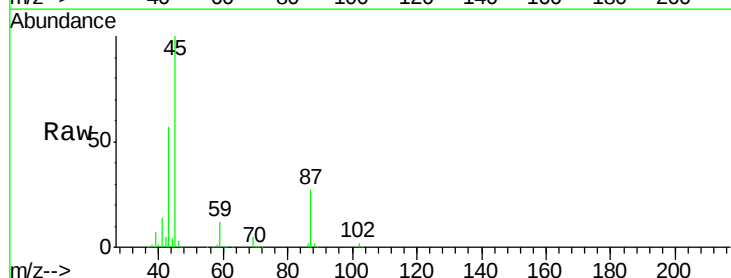
Ion Ratio Lower Upper

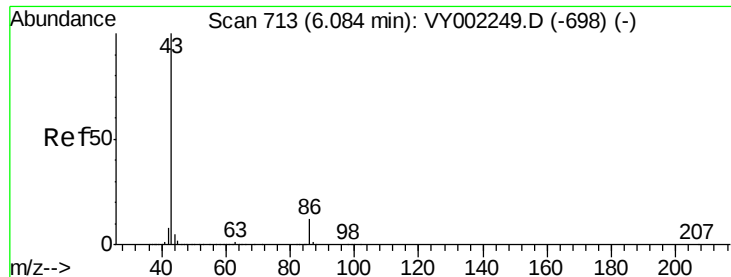
45 100

43 56.6 44.7 67.1

87 27.2 23.0 34.4

59 11.7 10.1 15.1





#23

Vinyl Acetate

Concen: 241.989 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

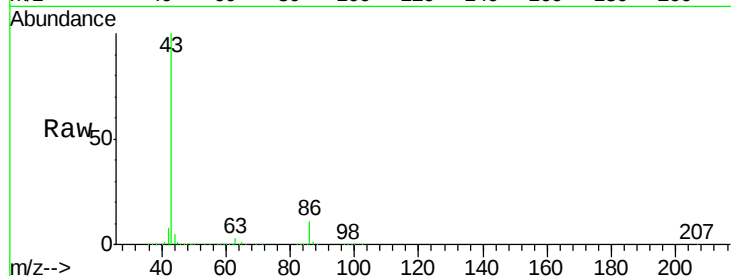
VSTDCCC050

Tot Ion: 43 Resp: 1028546

Ion Ratio Lower Upper

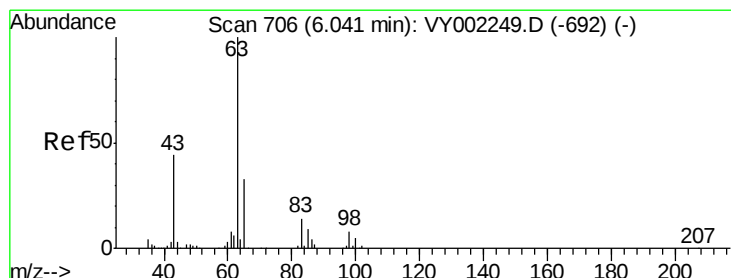
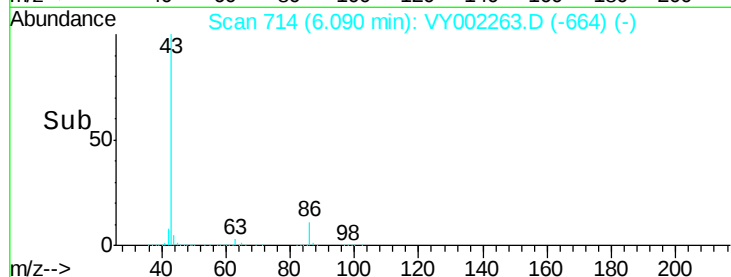
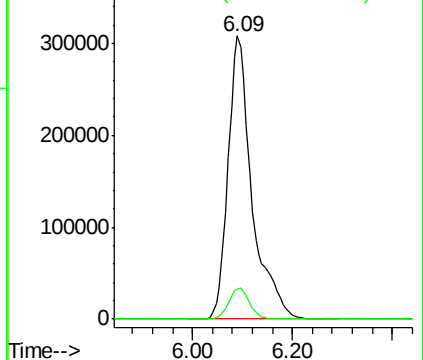
43 100

86 10.6 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: 48.382 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

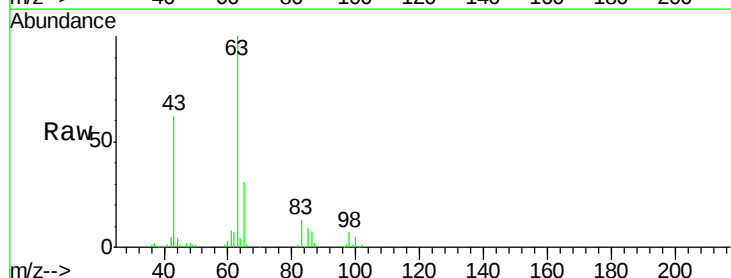
Tgt Ion: 63 Resp: 183546

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

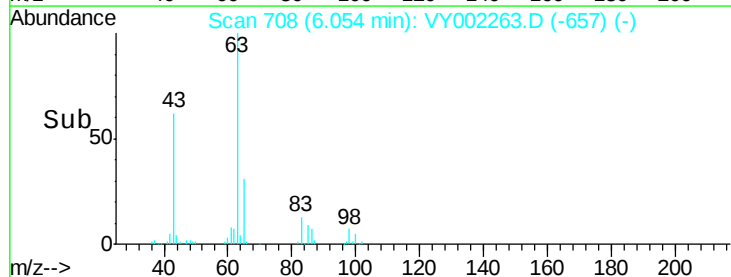
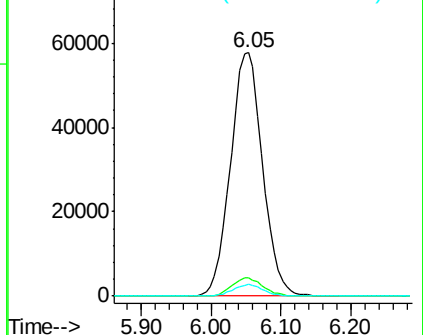
100 4.7 2.4 7.1

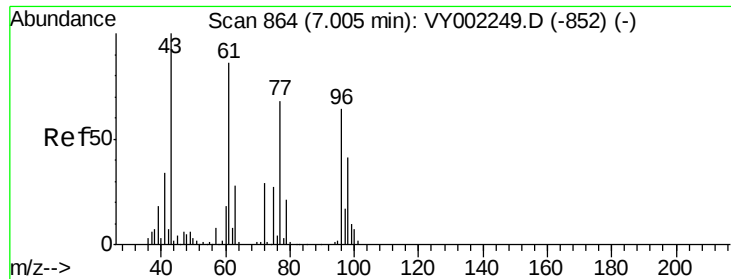


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 256.468 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

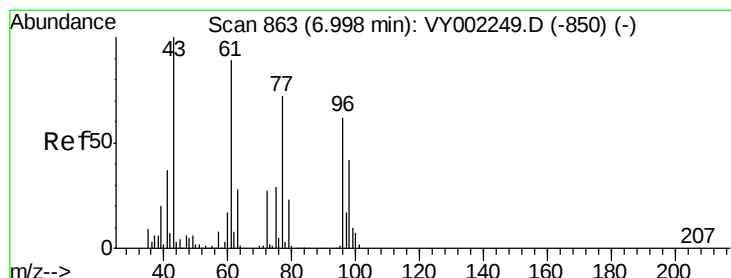
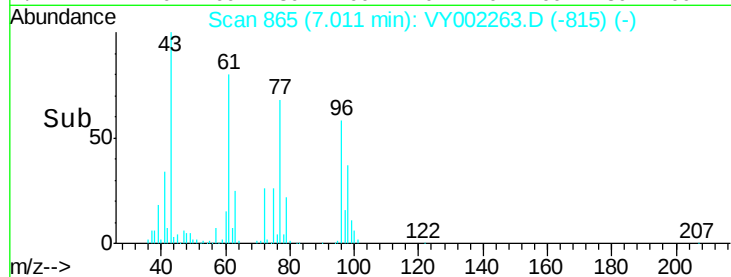
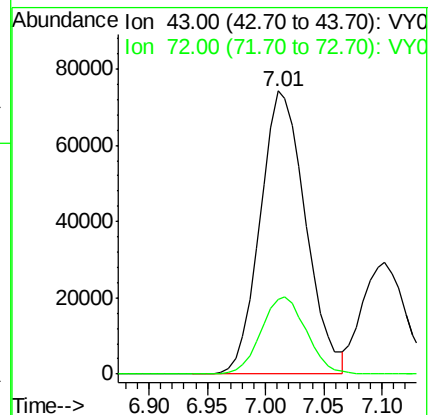
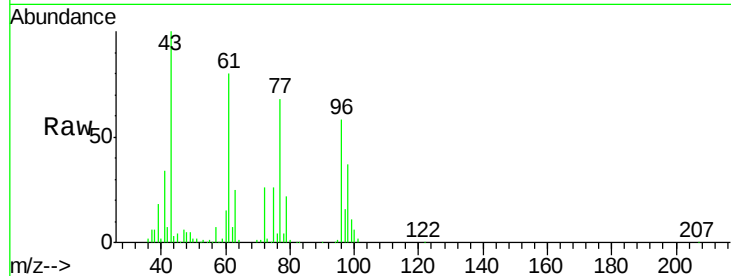
VSTDCCC050

Tot Ion: 43 Resp: 202066

Ion Ratio Lower Upper

43 100

72 26.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 47.382 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002263.D

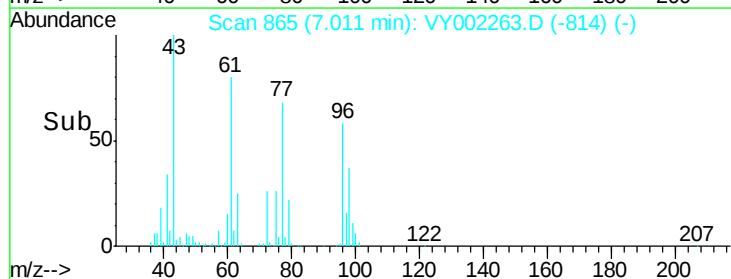
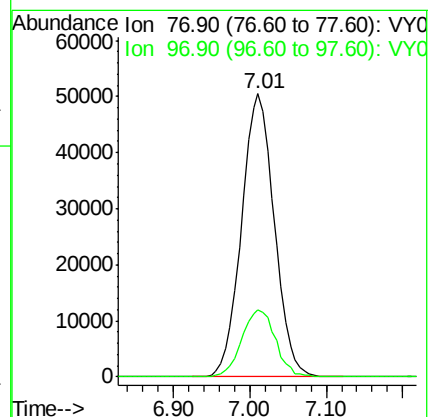
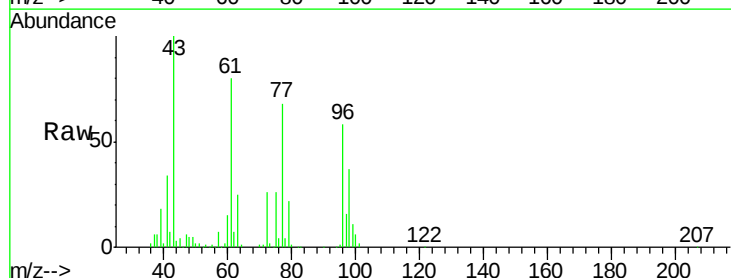
Acq: 09 Apr 2020 10:04

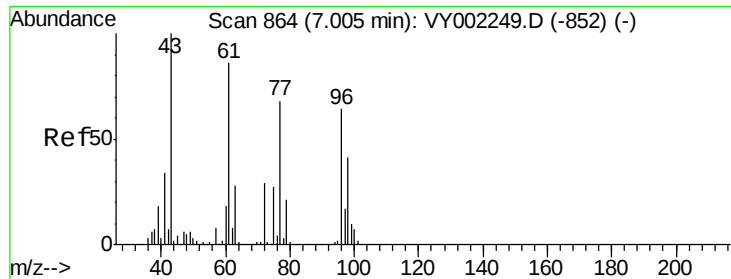
Tgt Ion: 77 Resp: 150364

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



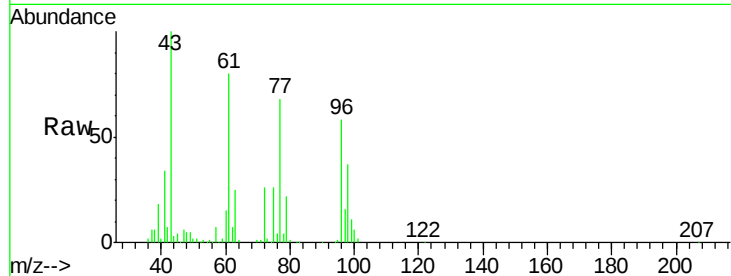


#27

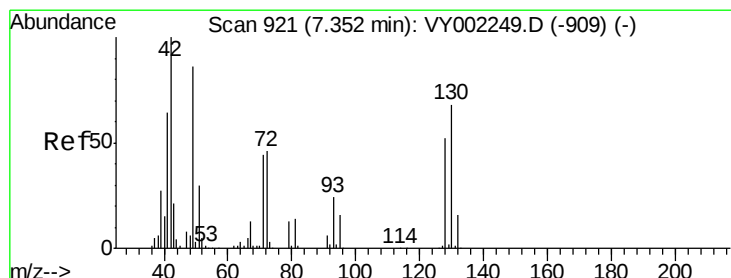
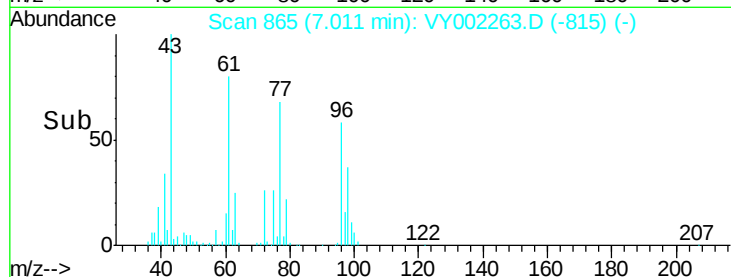
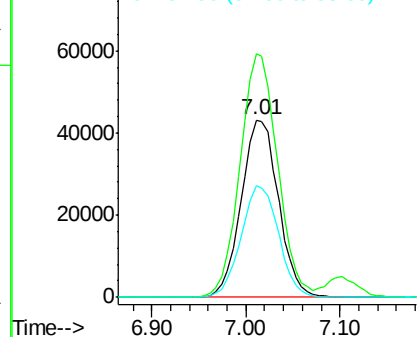
cis-1,2-Dichloroethene
 Concen: 47.159 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 118427
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 278.0
 98 63.6 0.0 128.6



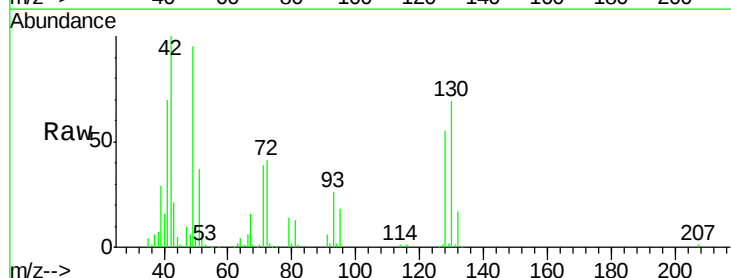
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



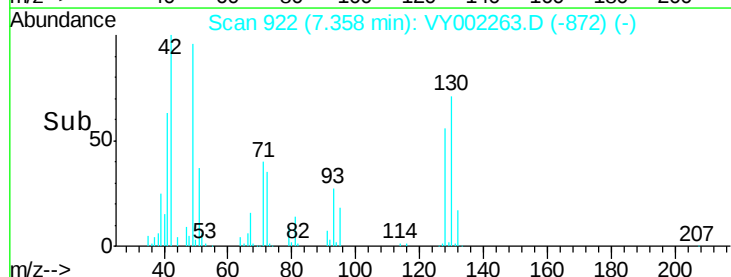
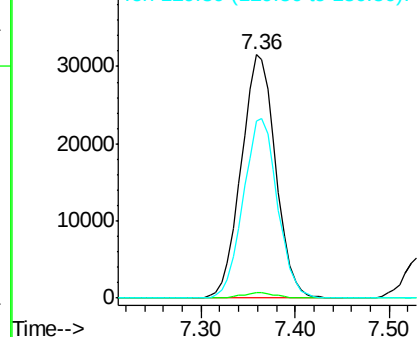
#28

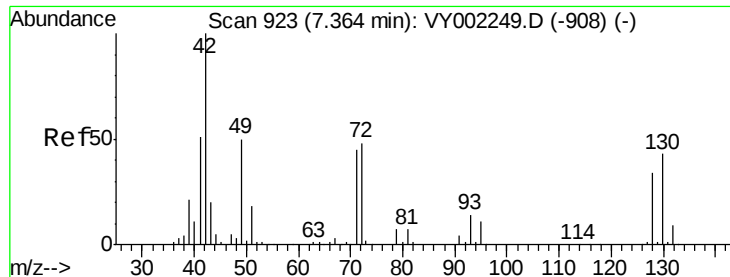
Bromochloromethane
 Concen: 49.107 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion: 49 Resp: 80420
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 73.6 60.9 91.3



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0

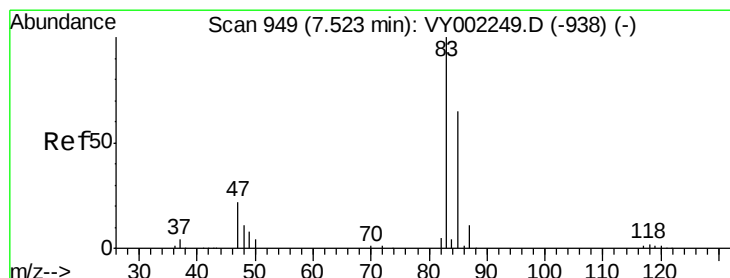
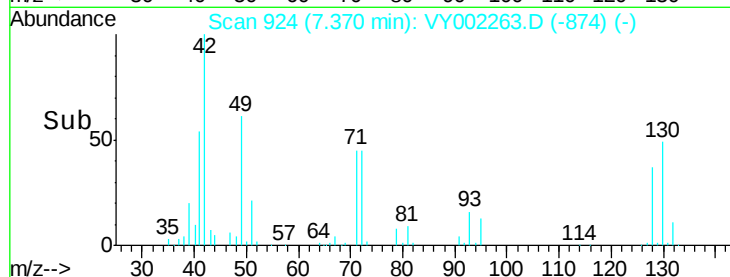
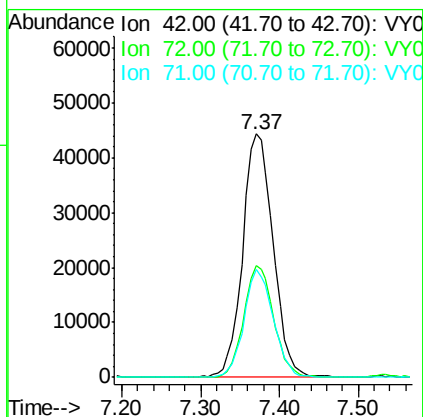
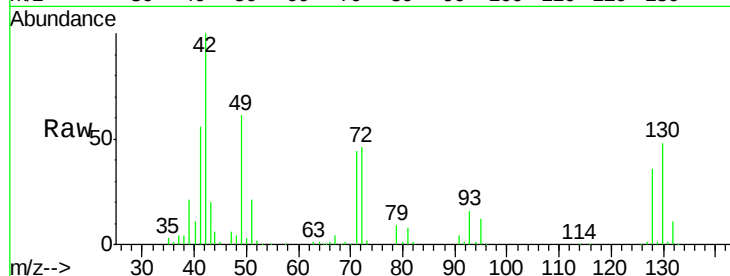




#29
Tetrahydrofuran
Concen: 228.667 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

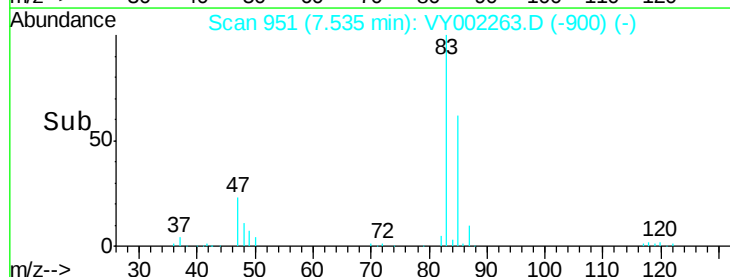
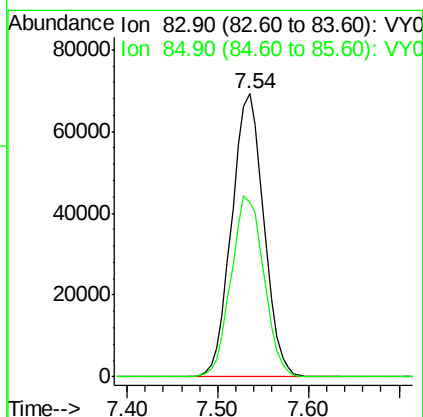
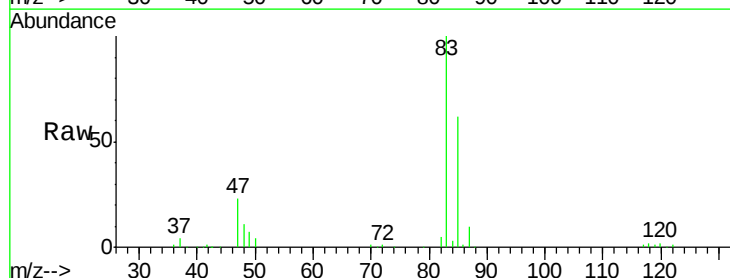
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

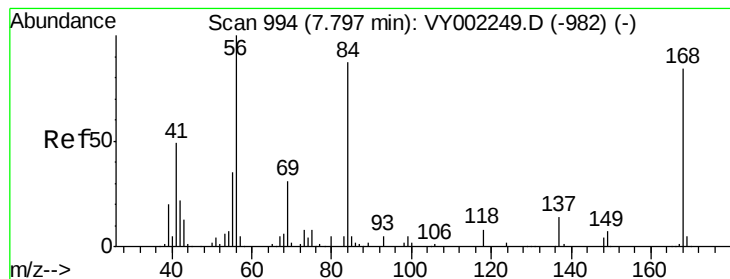
Tot Ion: 42 Resp: 119091
Ion Ratio Lower Upper
42 100
72 44.7 36.7 55.1
71 42.5 34.7 52.1



#30
Chloroform
Concen: 47.625 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 83 Resp: 170312
Ion Ratio Lower Upper
83 100
85 61.6 52.0 78.0





#31

Cyclohexane

Concen: 47.201 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

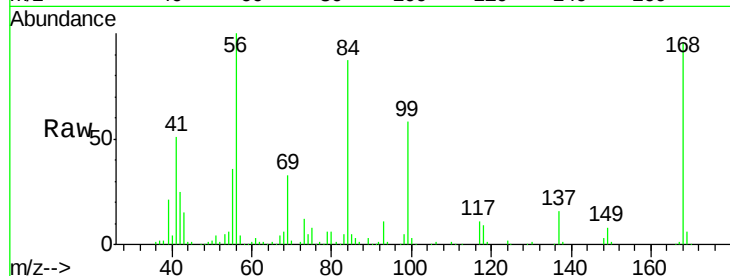
Tot Ion: 56 Resp: 187962

Ion Ratio Lower Upper

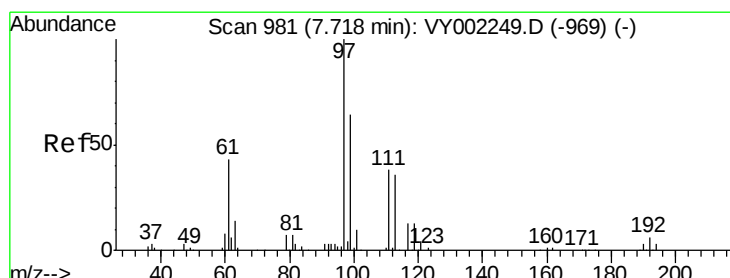
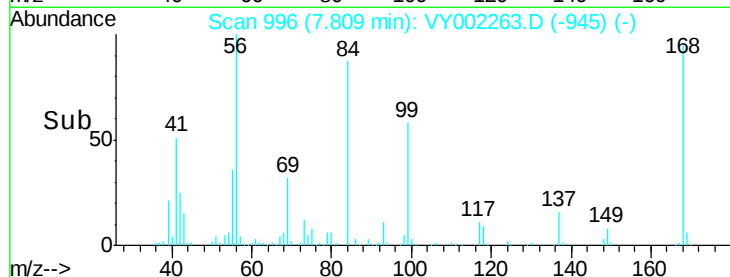
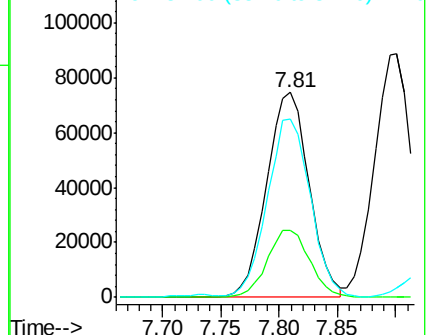
56 100

69 32.6 25.0 37.6

84 86.0 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: 48.294 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

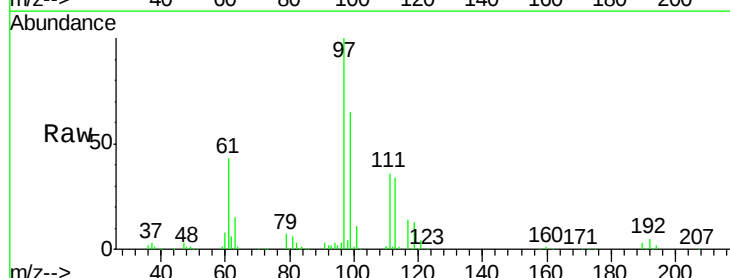
Tgt Ion: 97 Resp: 143750

Ion Ratio Lower Upper

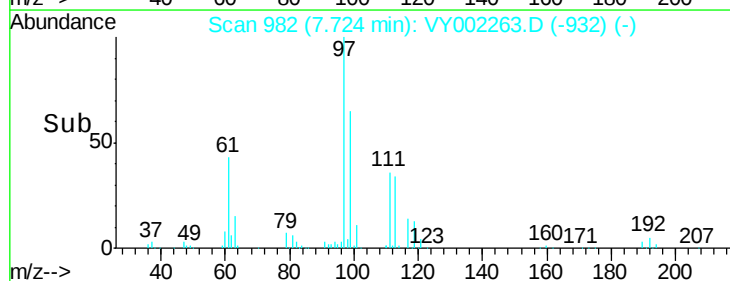
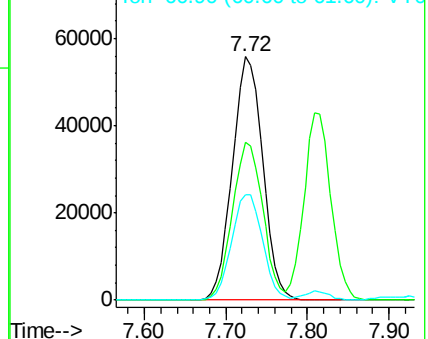
97 100

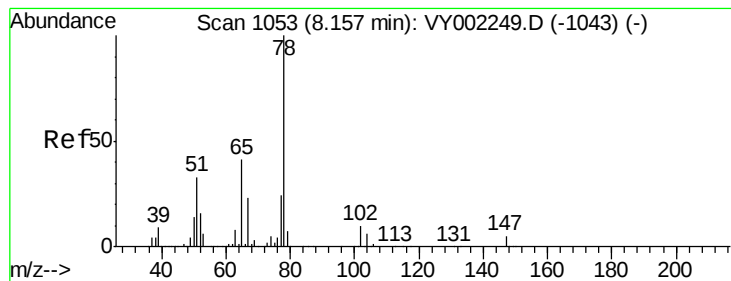
99 65.0 51.3 76.9

61 43.9 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: 50.948 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

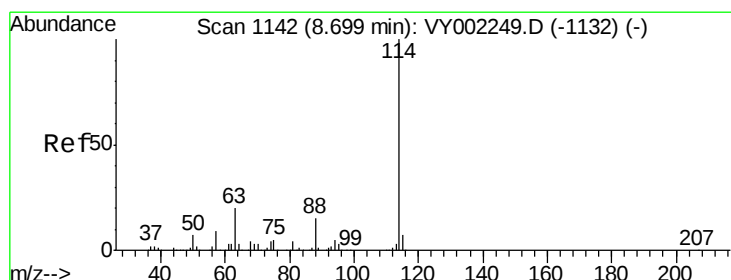
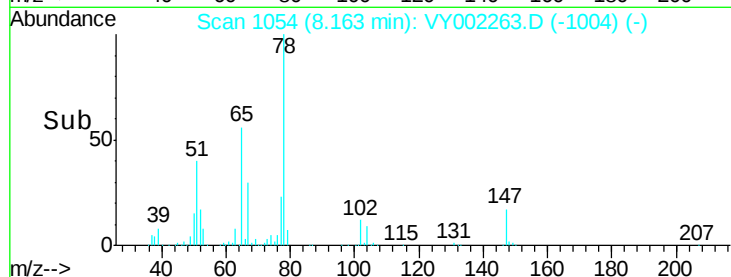
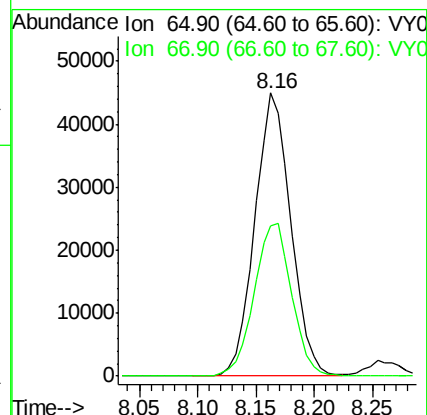
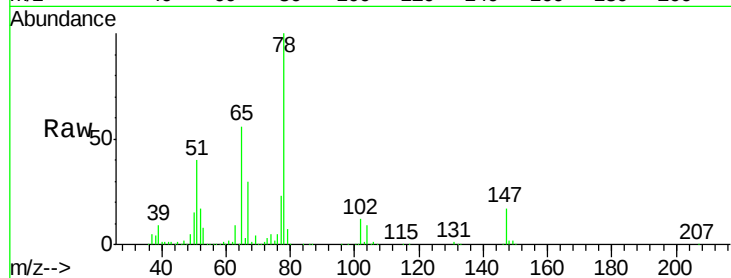
VSTDCCC050

Tot Ion: 65 Resp: 96304

Ion Ratio Lower Upper

65 100

67 56.3 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

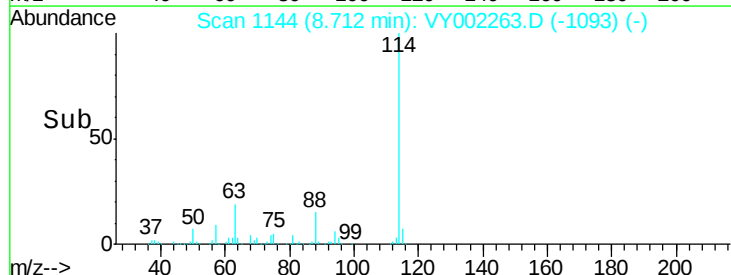
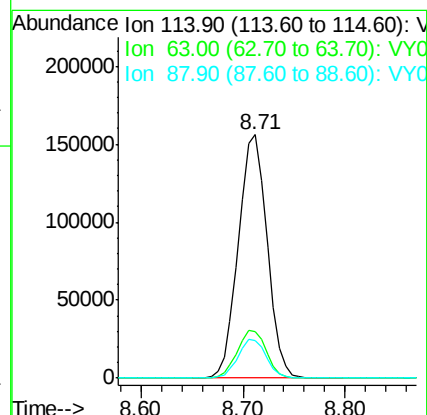
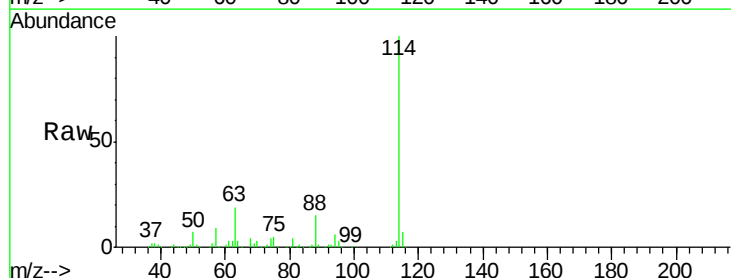
Tgt Ion: 114 Resp: 305178

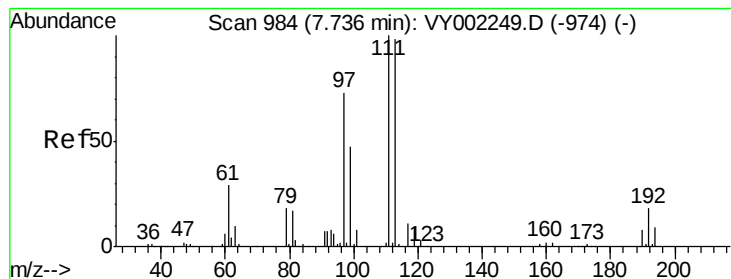
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.0

88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.076 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

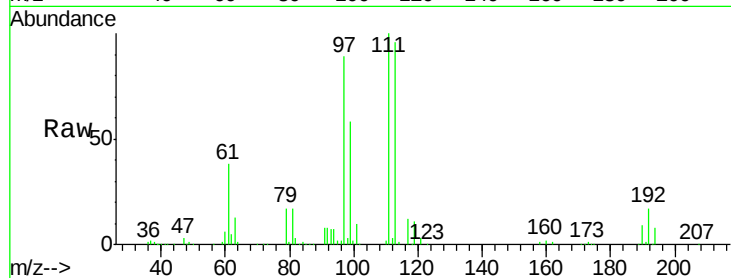
Tot Ion:113 Resp: 94566

Ion Ratio Lower Upper

113 100

111 103.9 83.5 125.3

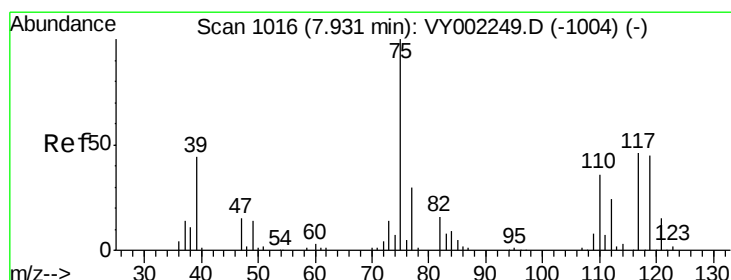
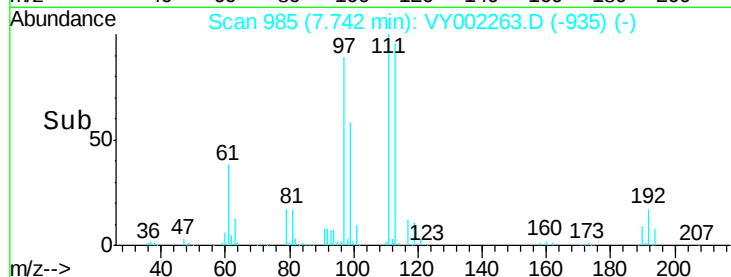
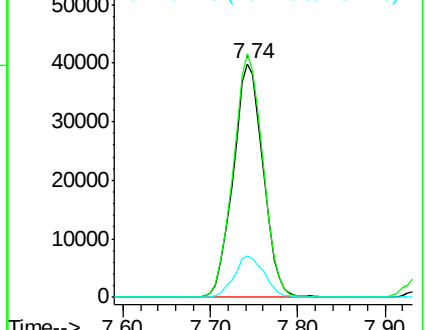
192 17.8 14.7 22.1



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: 49.119 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

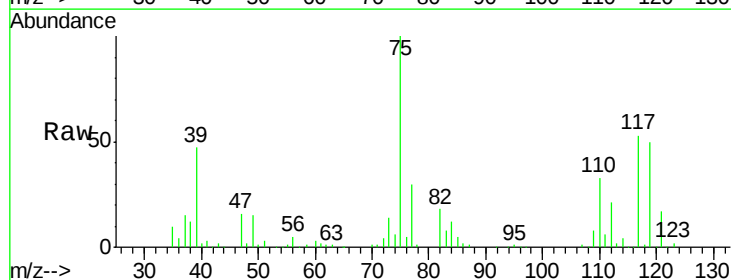
Tgt Ion: 75 Resp: 147650

Ion Ratio Lower Upper

75 100

110 34.6 17.8 53.3

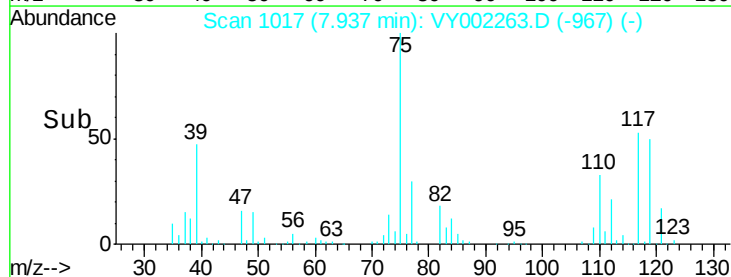
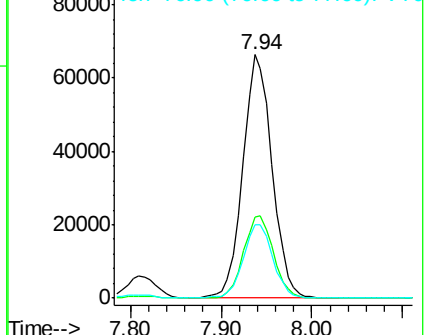
77 30.8 24.4 36.6

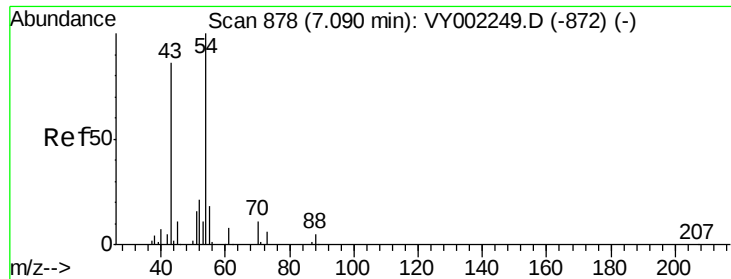


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

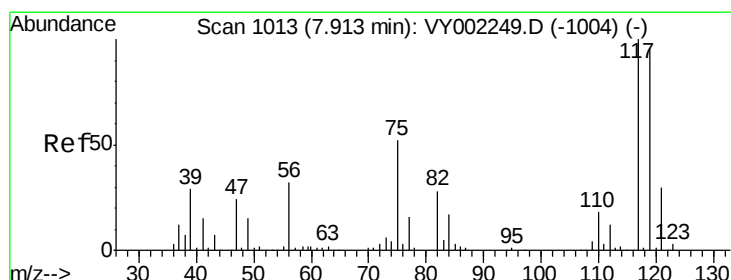
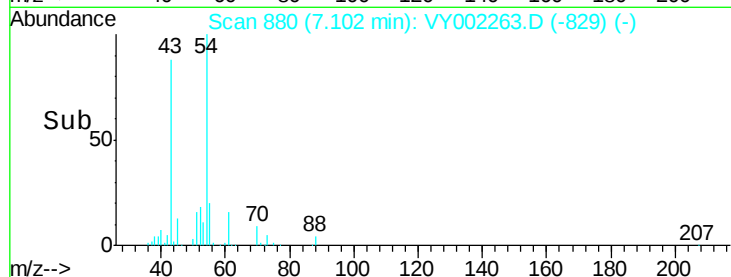
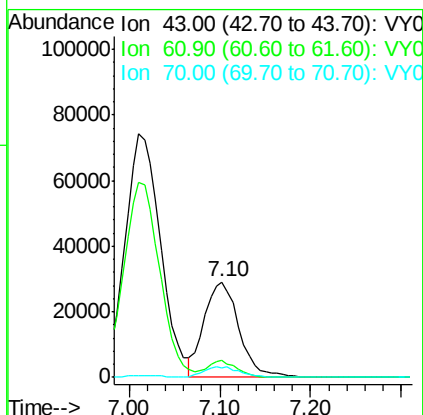
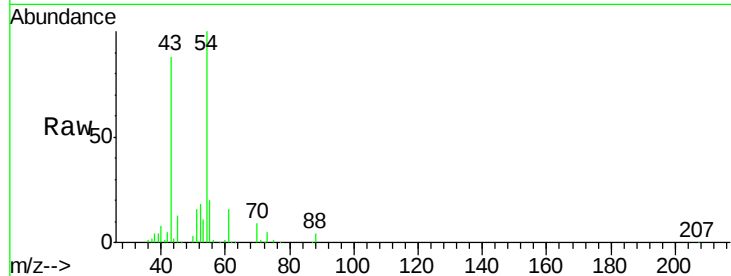




#37
Ethyl Acetate
Concen: 45.699 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

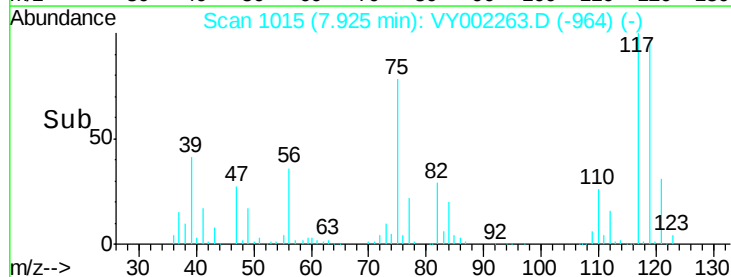
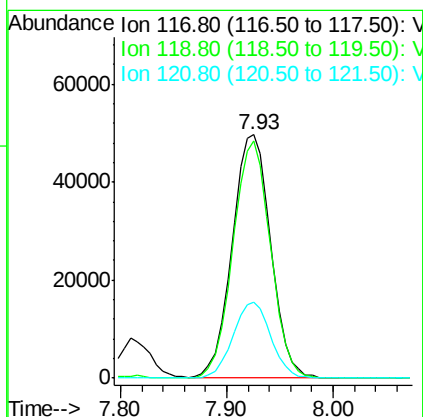
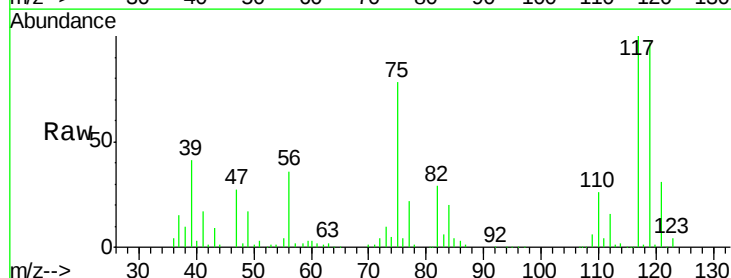
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

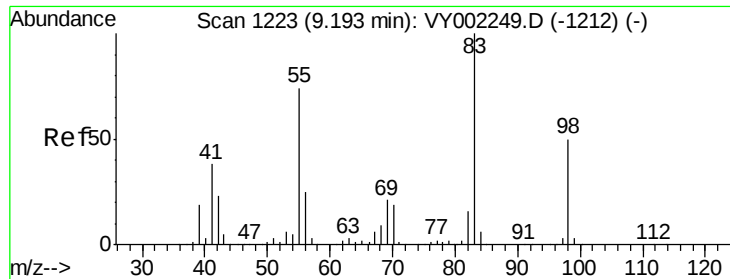
Tot Ion: 43 Resp: 78476
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.3 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.093 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 117 Resp: 126229
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7
121 31.4 23.9 35.9

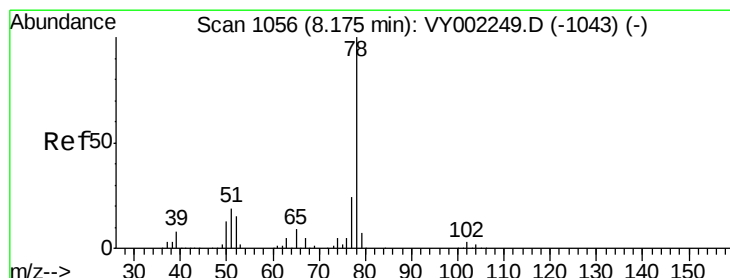
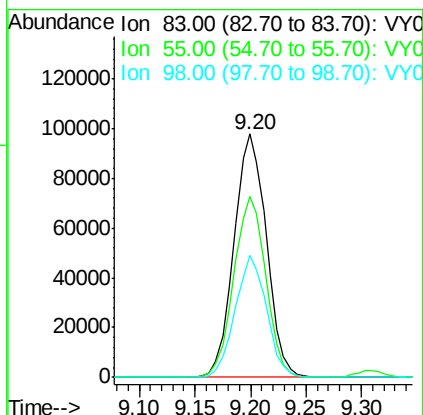
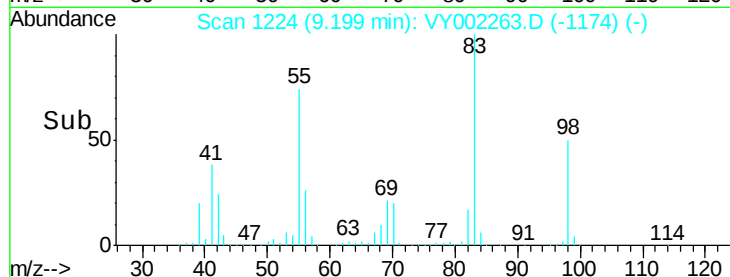
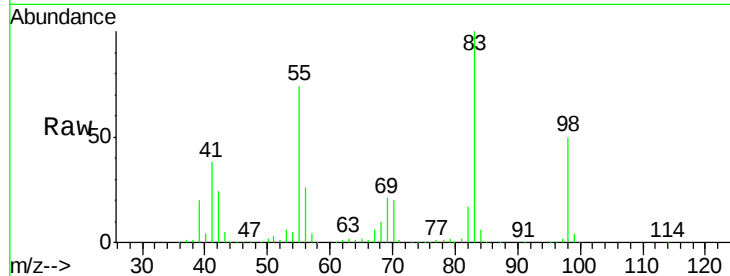




#39
Methvlcvclohexane
Concen: 48.127 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

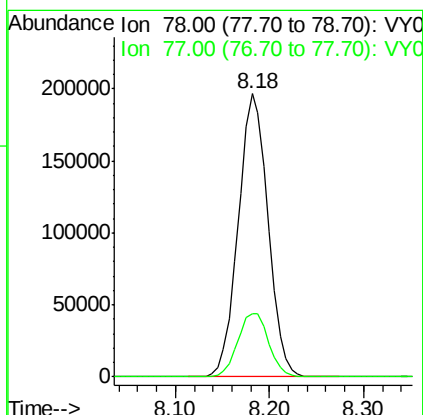
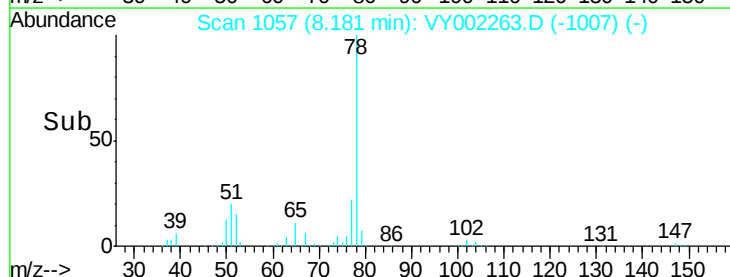
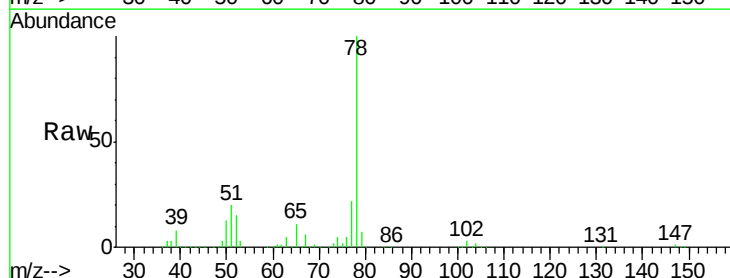
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

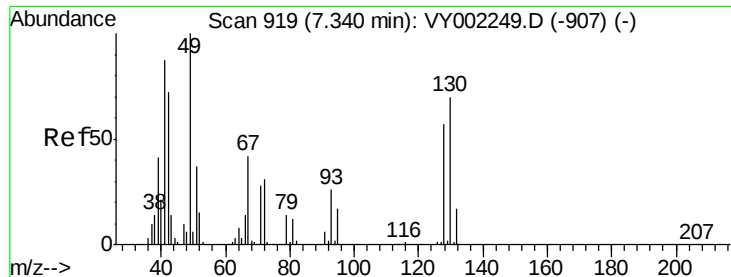
Tot Ion: 83 Resp: 196793
Ion Ratio Lower Upper
83 100
55 74.3 59.3 88.9
98 50.2 39.6 59.4



#40
Benzene
Concen: 47.593 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 78 Resp: 434055
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3

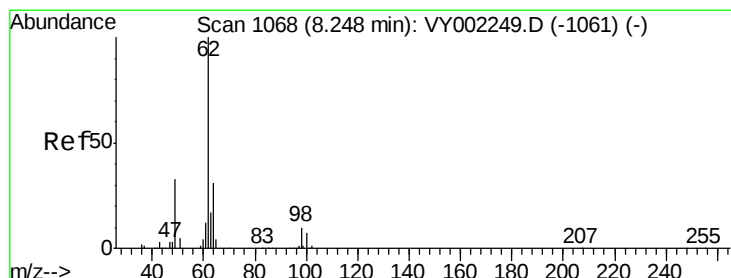
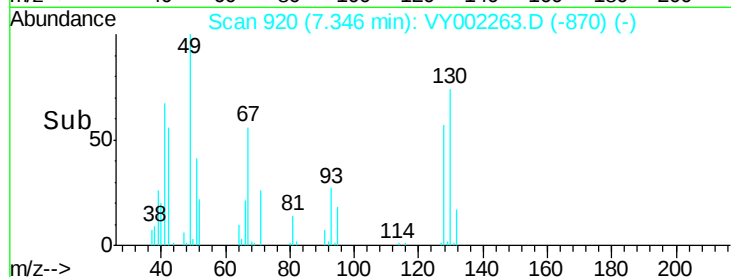
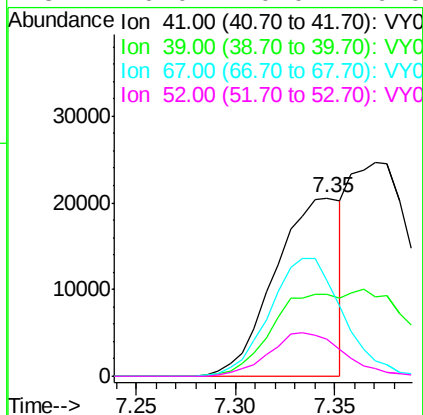
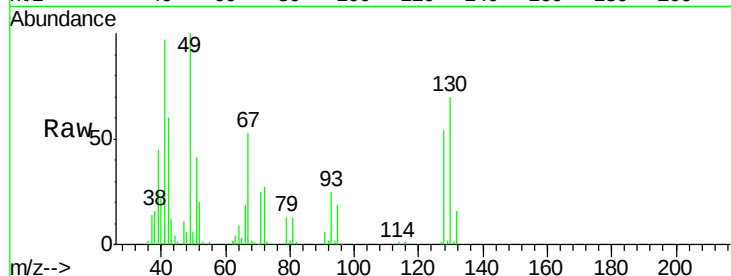




#41
Methacrylonitrile
Concen: 46.854 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

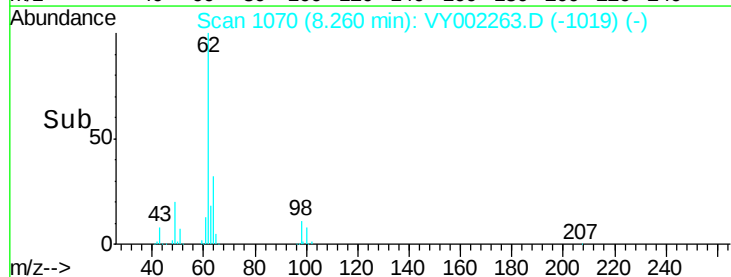
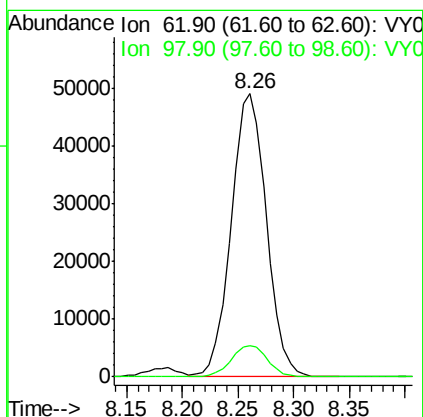
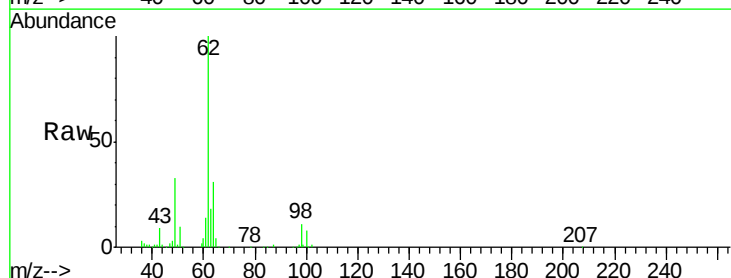
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

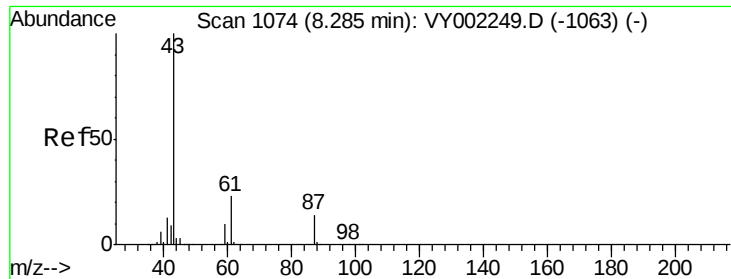
Tot Ion:	41	Resp:	47464
Ion	Ratio	Lower	Upper
41	100		
39	95.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.538 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion:	62	Resp:	107397
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	22.6





#43

Isopropyl Acetate

Concen: 46.753 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

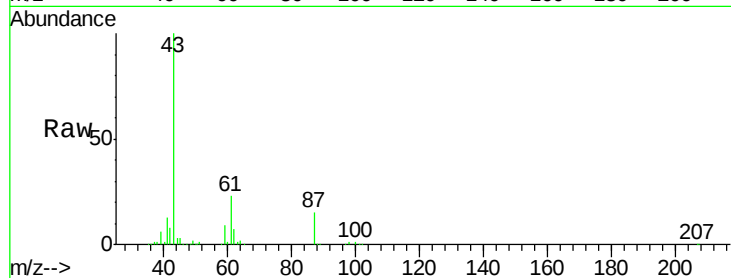
Tot Ion: 43 Resp: 146425

Ion Ratio Lower Upper

43 100

61 30.8 24.9 37.3

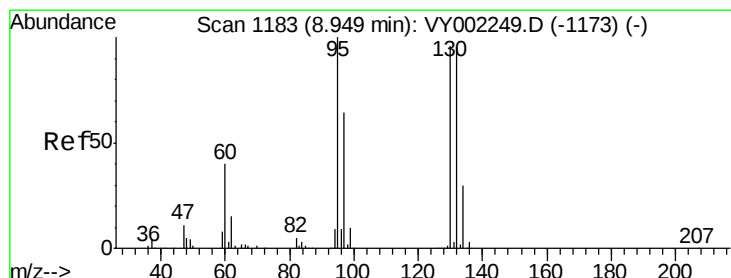
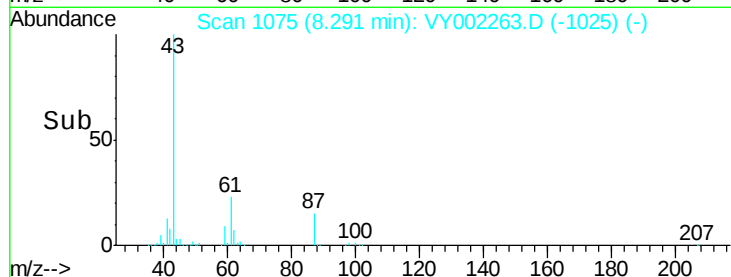
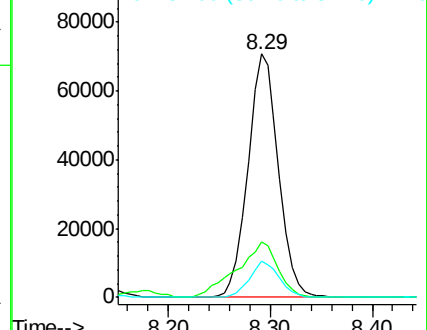
87 14.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)



#44

Trichloroethene

Concen: 46.188 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002263.D

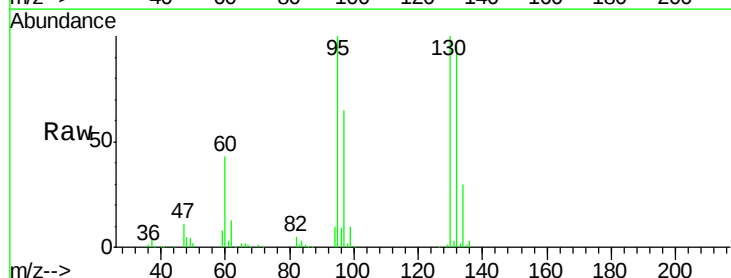
Acq: 09 Apr 2020 10:04

Tgt Ion: 130 Resp: 123846

Ion Ratio Lower Upper

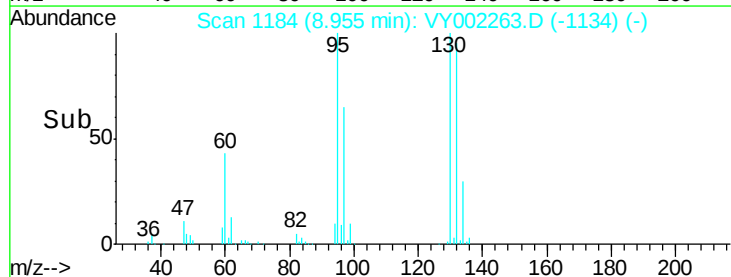
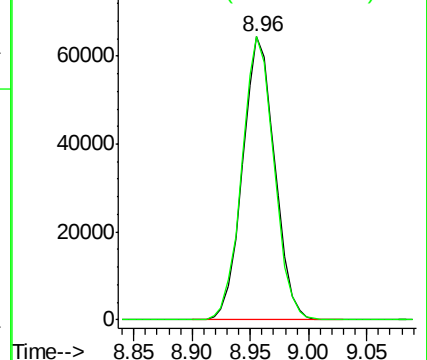
130 100

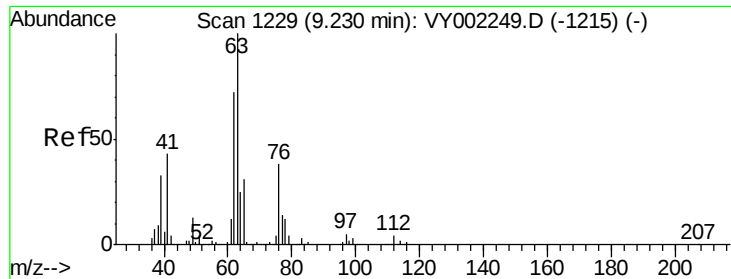
95 100.0 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 49.252 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

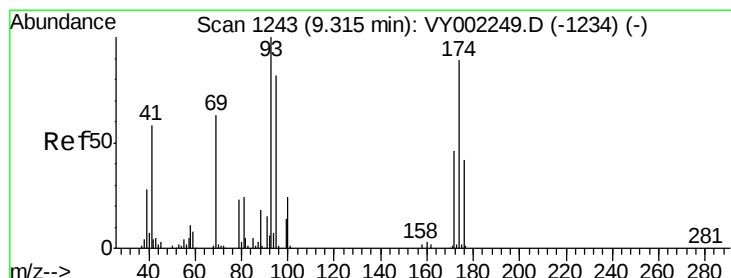
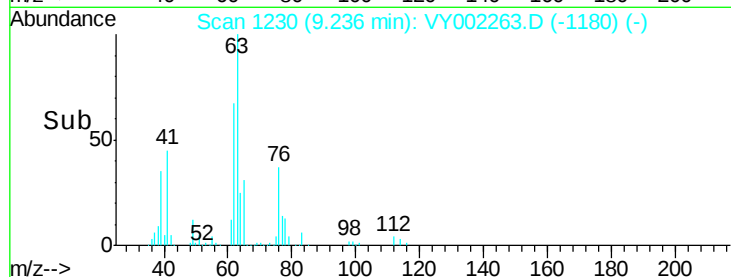
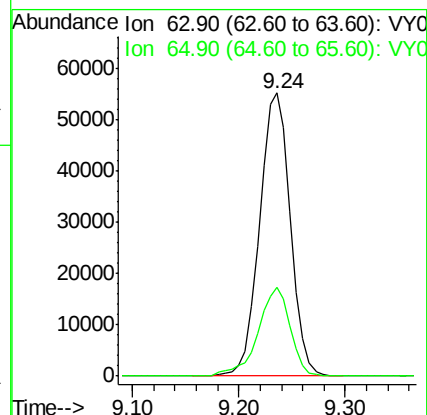
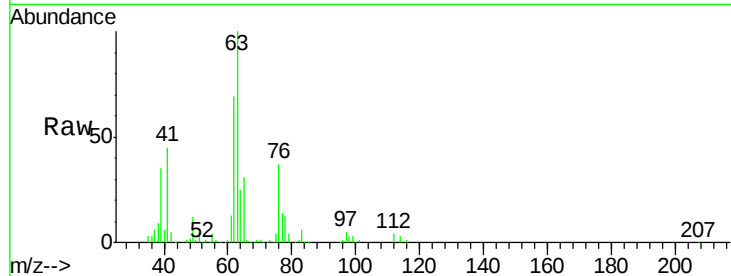
VSTDCCC050

Tot Ion: 63 Resp: 111450

Ion Ratio Lower Upper

63 100

65 31.4 24.6 37.0



#46

Dibromomethane

Concen: 46.474 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

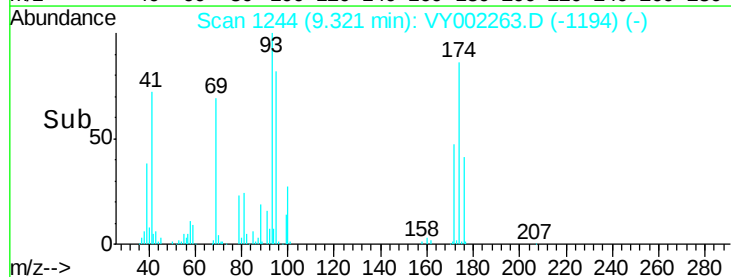
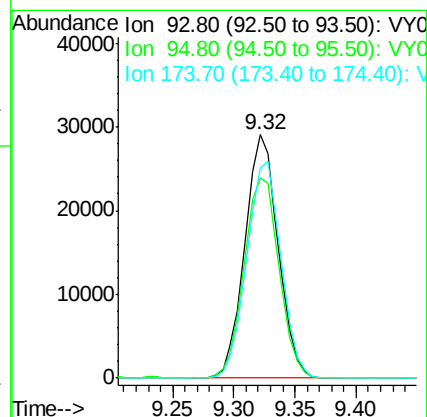
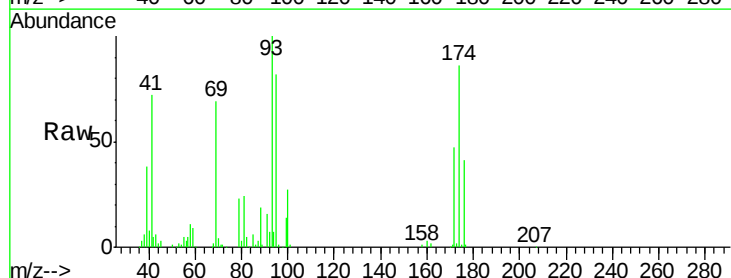
Tgt Ion: 93 Resp: 54986

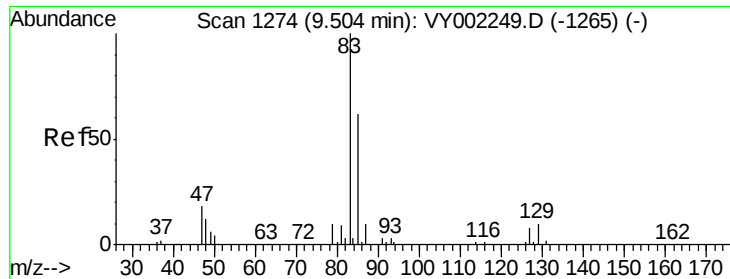
Ion Ratio Lower Upper

93 100

95 86.7 67.3 100.9

174 91.6 72.5 108.7





#47

Bromodichloromethane

Concen: 48.676 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

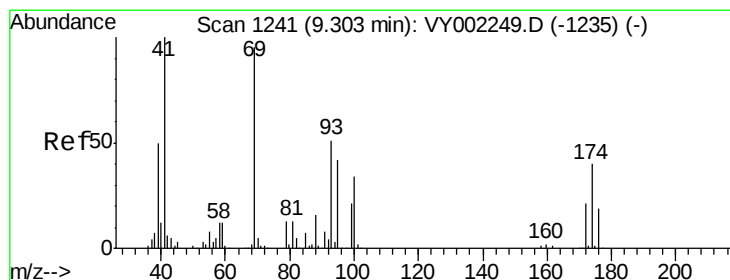
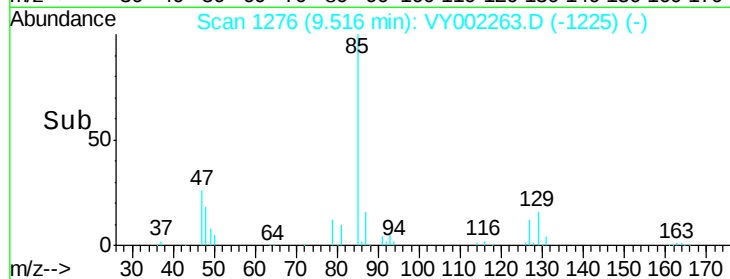
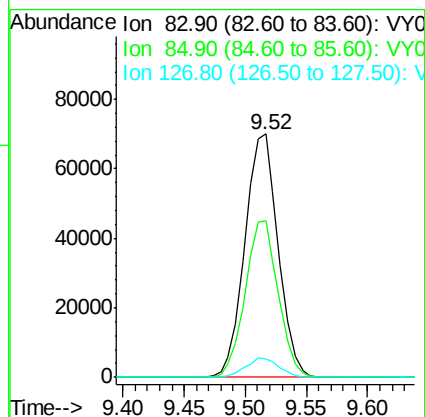
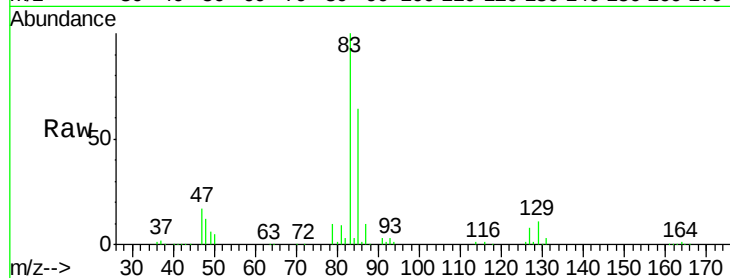
Tot Ion: 83 Resp: 132145

Ion Ratio Lower Upper

83 100

85 64.4 49.7 74.5

127 7.5 6.2 9.4



#48

Methyl methacrylate

Concen: 48.731 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

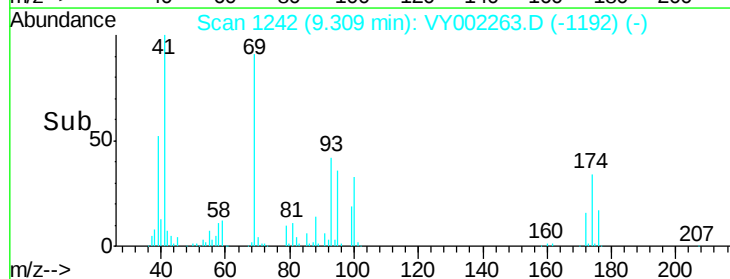
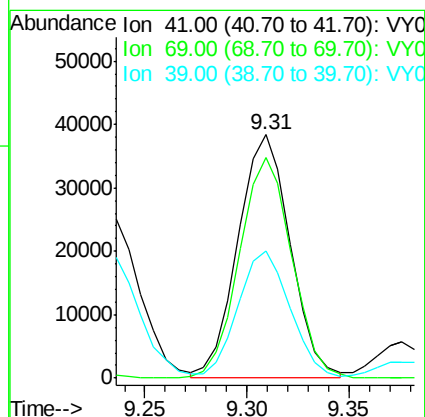
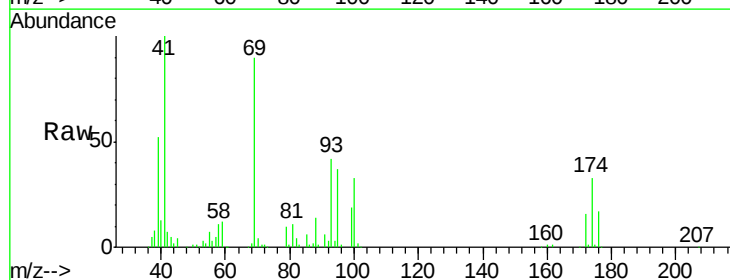
Tgt Ion: 41 Resp: 68433

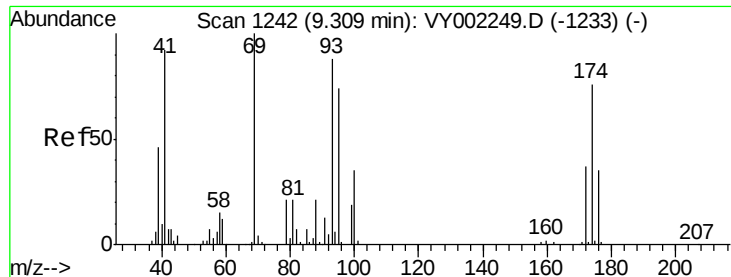
Ion Ratio Lower Upper

41 100

69 90.9 76.7 115.1

39 49.7 40.5 60.7





#49

1,4-Dioxane

Concen: 910.714 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

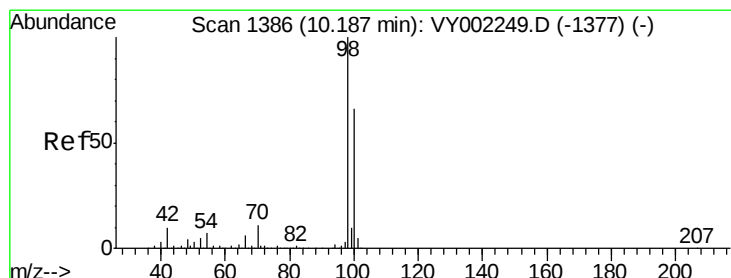
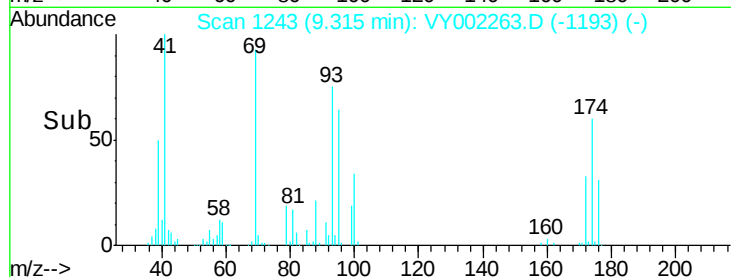
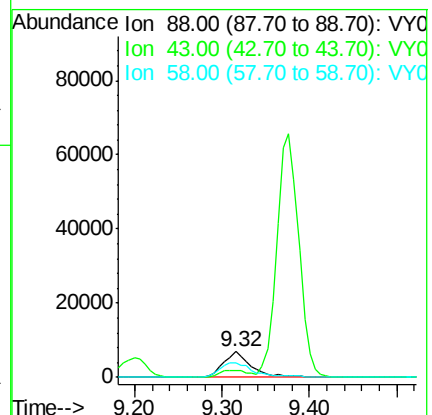
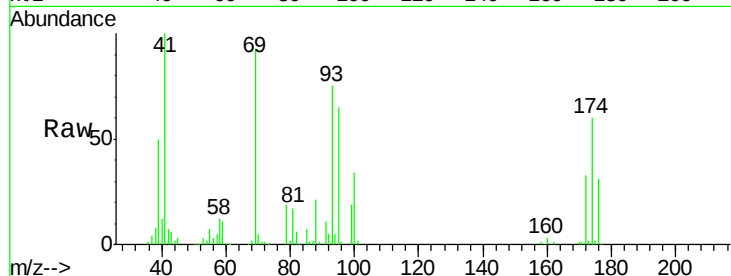
Tot Ion: 88 Resp: 15242

Ion Ratio Lower Upper

88 100

43 29.6 22.2 33.2

58 71.6 57.6 86.4



#50

Toluene-d8

Concen: 52.329 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002263.D

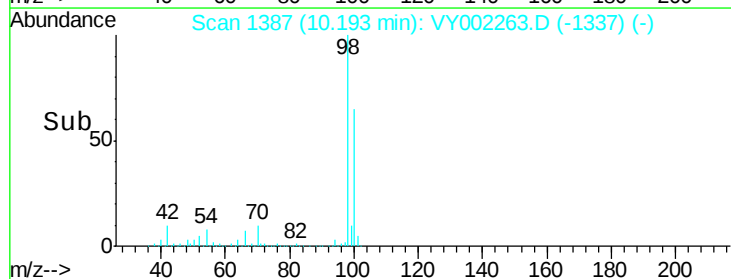
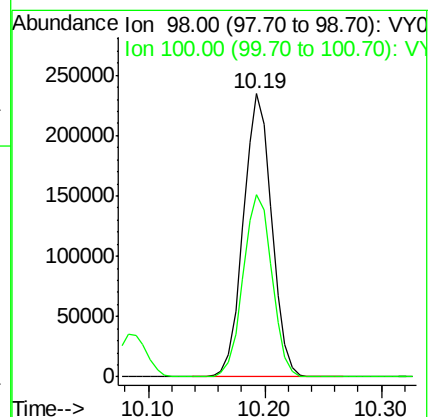
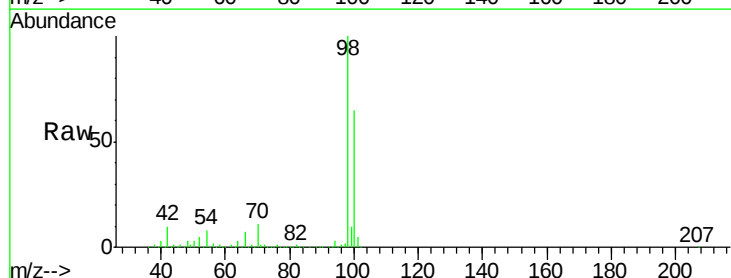
Acq: 09 Apr 2020 10:04

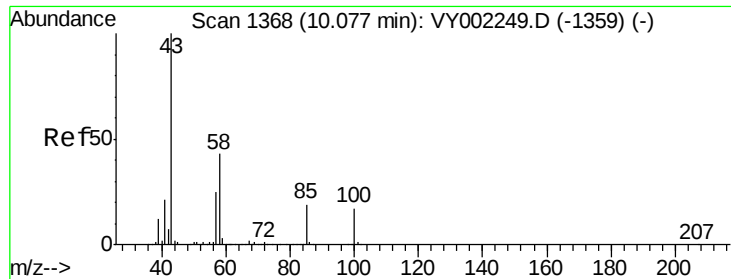
Tgt Ion: 98 Resp: 397737

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

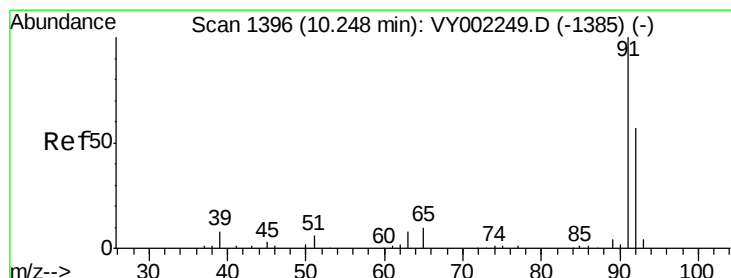
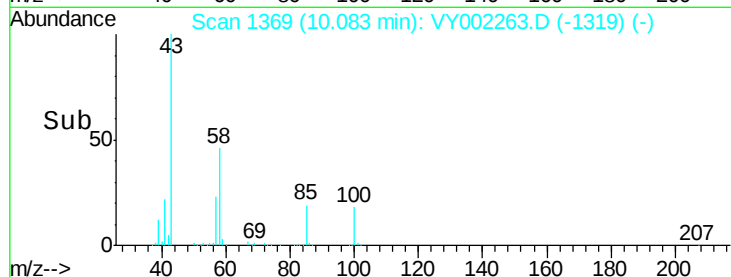
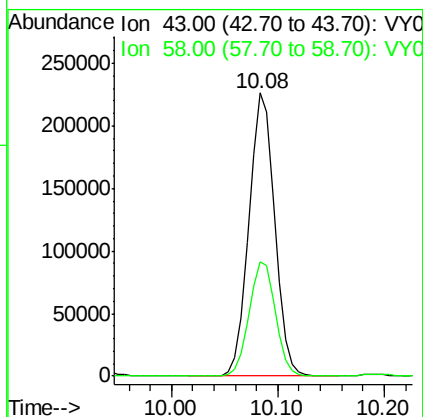
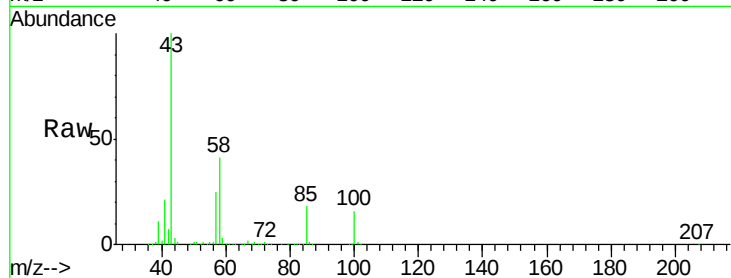




#51
4-Methyl-2-Pentanone
Concen: 236.575 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

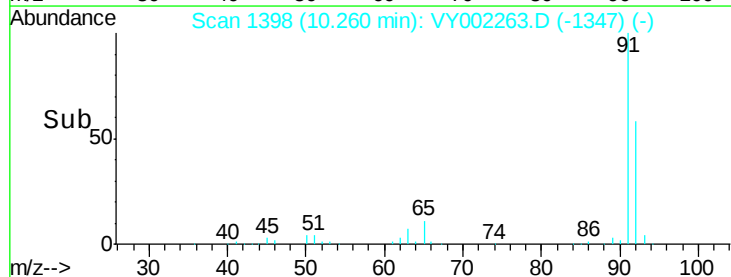
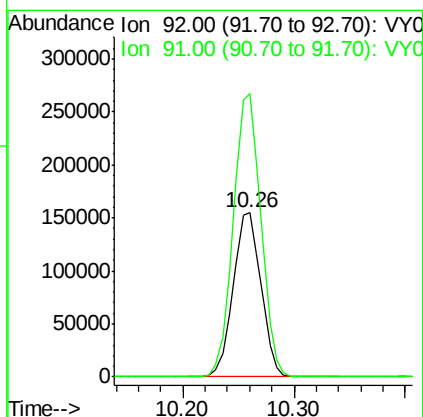
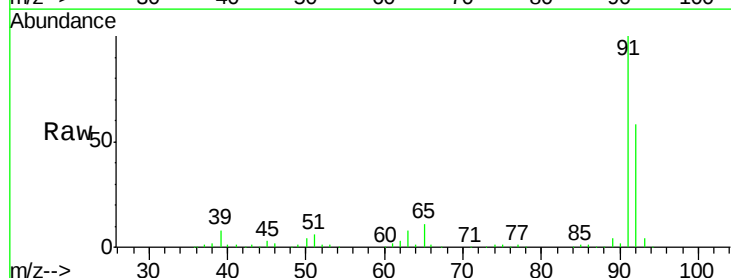
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

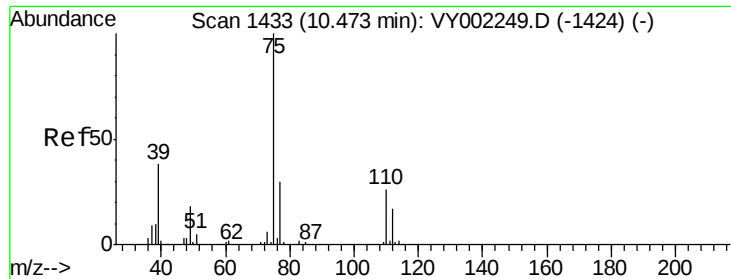
Tot Ion: 43 Resp: 386082
Ion Ratio Lower Upper
43 100
58 41.2 33.8 50.8



#52
Toluene
Concen: 48.419 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 92 Resp: 266122
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 49.217 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

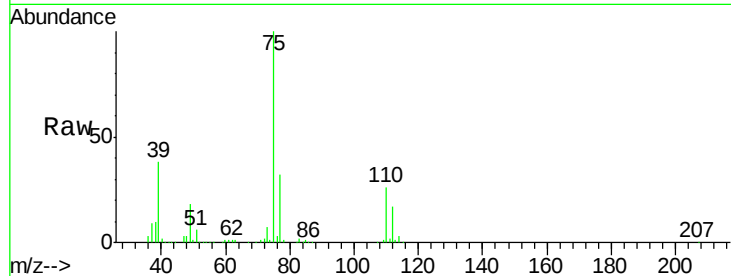
VSTDCCC050

Tot Ion: 75 Resp: 145578

Ion Ratio Lower Upper

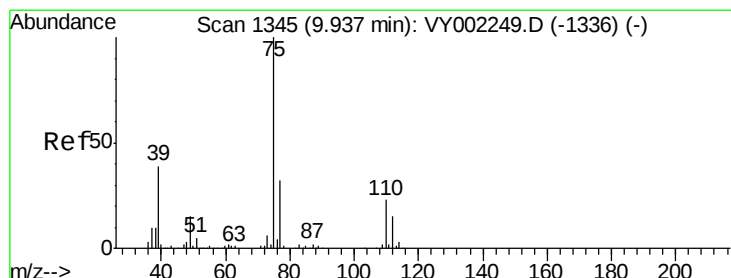
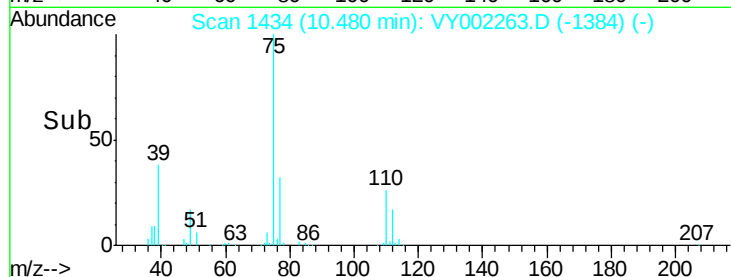
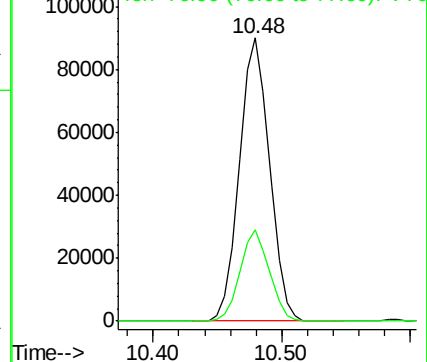
75 100

77 32.4 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 48.712 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

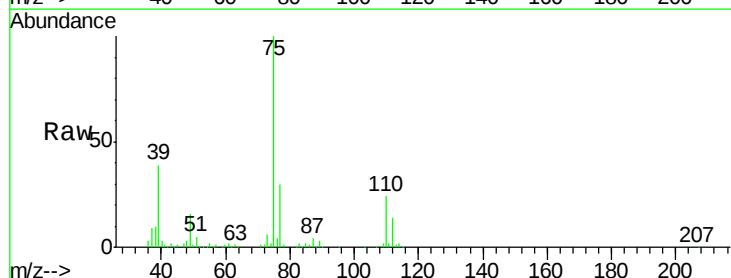
Tgt Ion: 75 Resp: 173222

Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

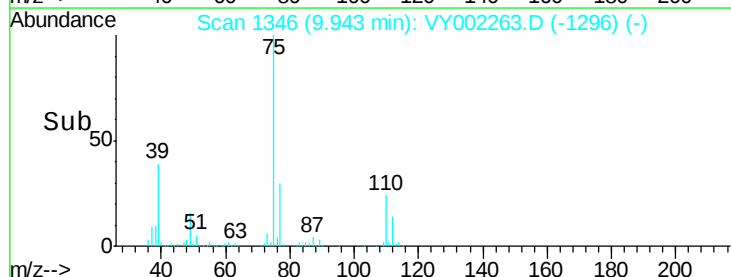
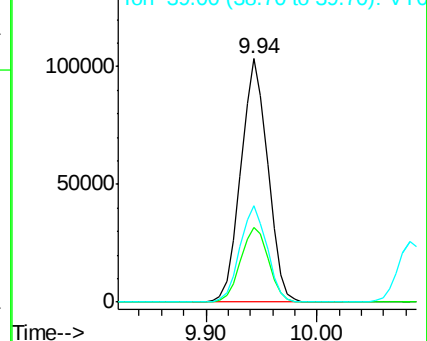
39 39.4 30.8 46.2

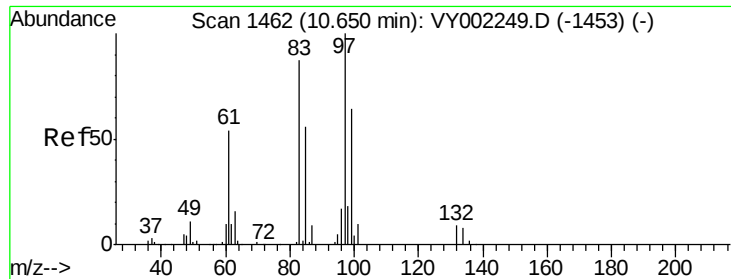


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 47.704 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 82633

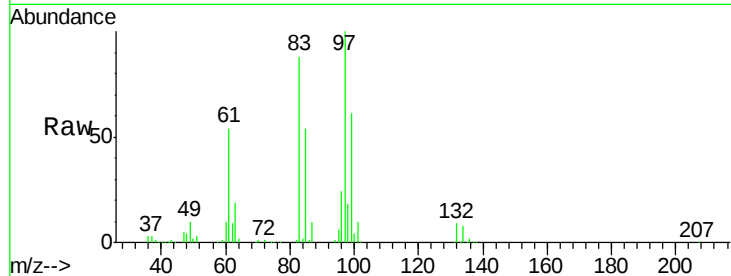
Ion Ratio Lower Upper

97 100

83 87.9 69.5 104.3

85 54.0 45.2 67.8

99 61.0 50.9 76.3

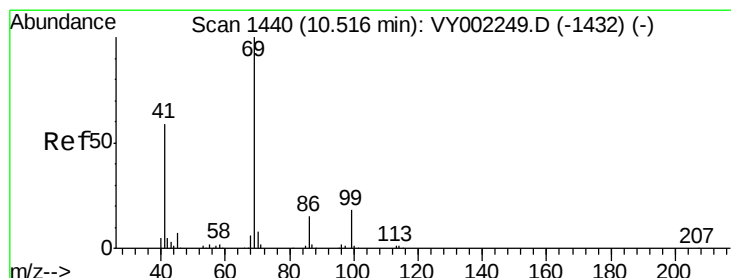
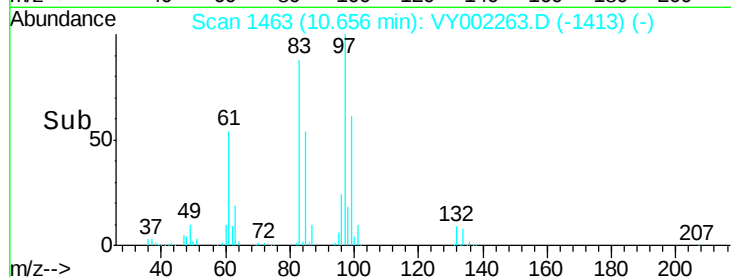
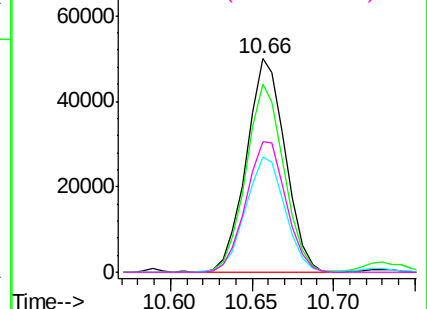


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 47.846 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

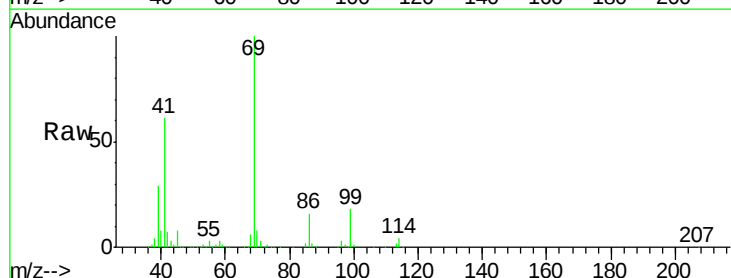
Tgt Ion: 69 Resp: 118289

Ion Ratio Lower Upper

69 100

41 60.3 47.9 71.9

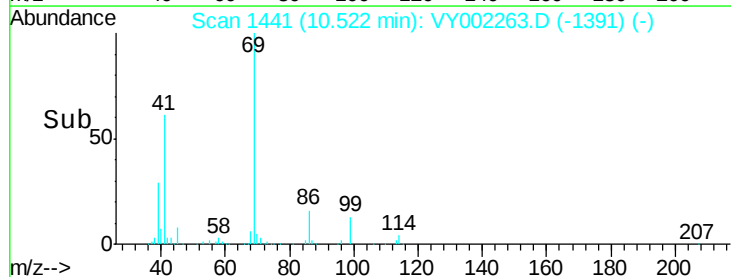
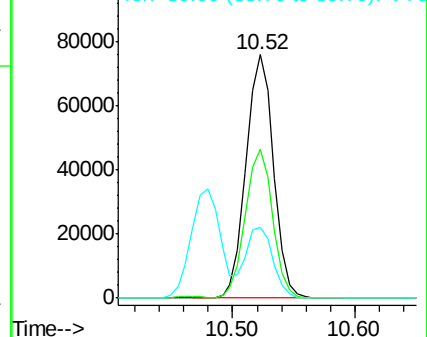
39 30.4 23.8 35.6

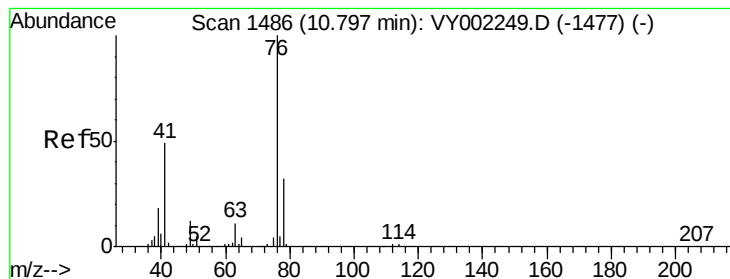


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 47.287 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

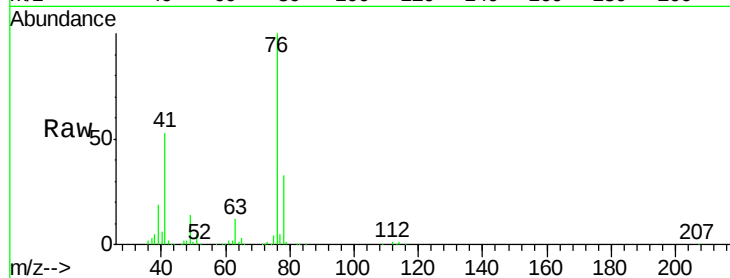
VSTDCCC050

Tot Ion: 76 Resp: 143971

Ion Ratio Lower Upper

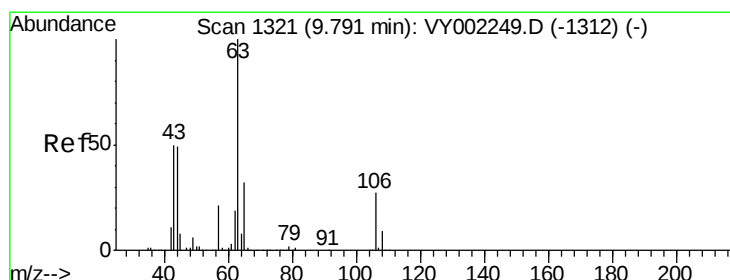
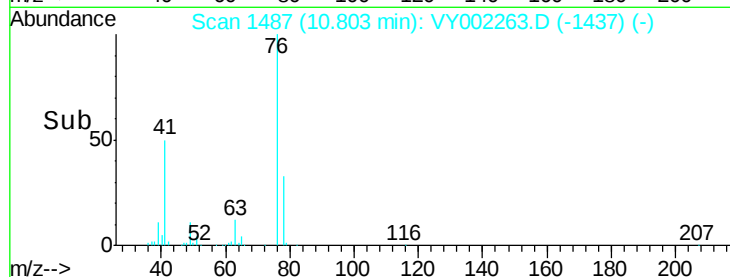
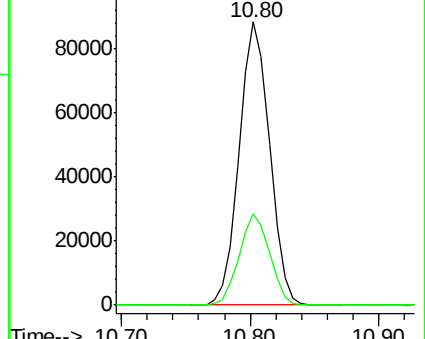
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 252.807 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002263.D

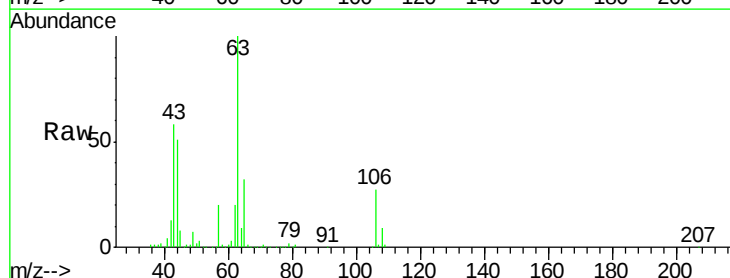
Acq: 09 Apr 2020 10:04

Tgt Ion: 63 Resp: 323656

Ion Ratio Lower Upper

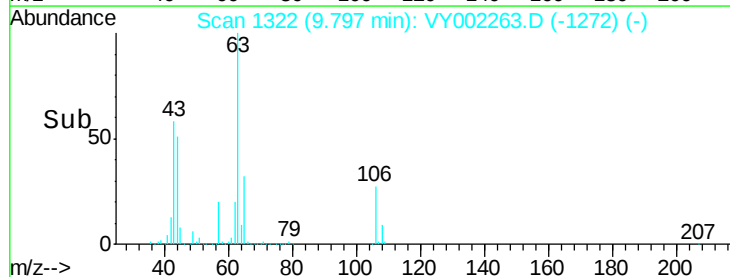
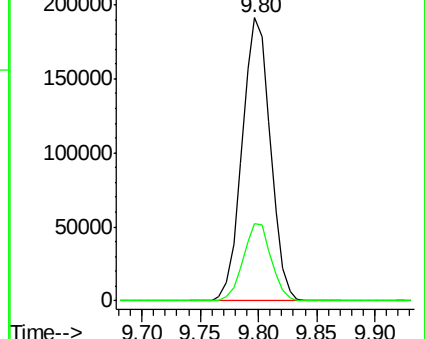
63 100

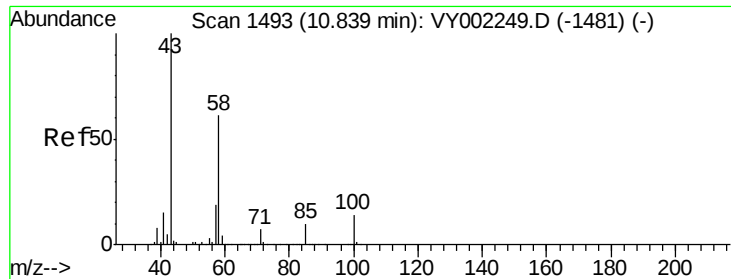
106 27.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

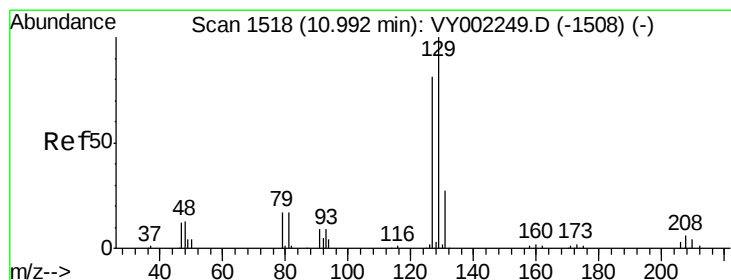
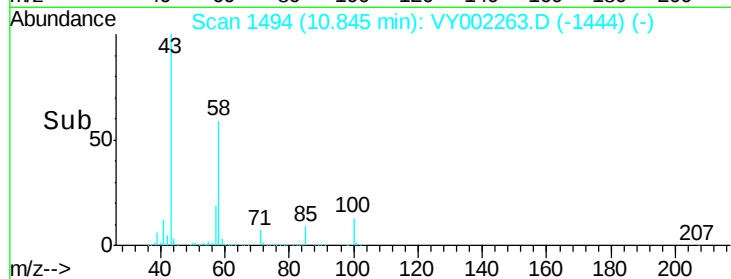
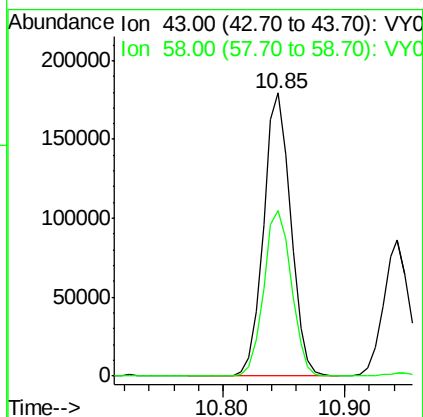
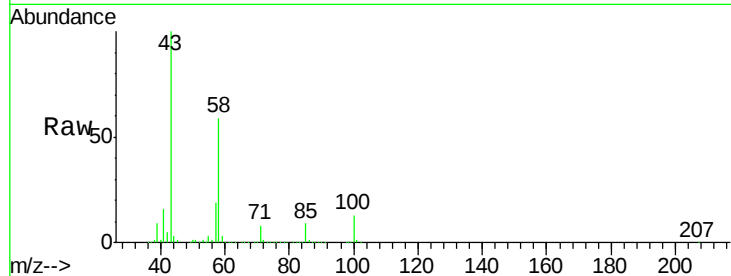




#59
2-Hexanone
Concen: 245.546 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

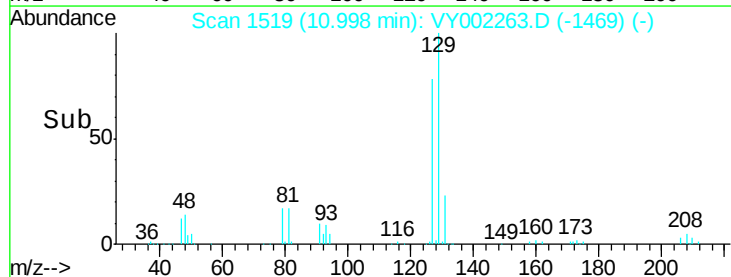
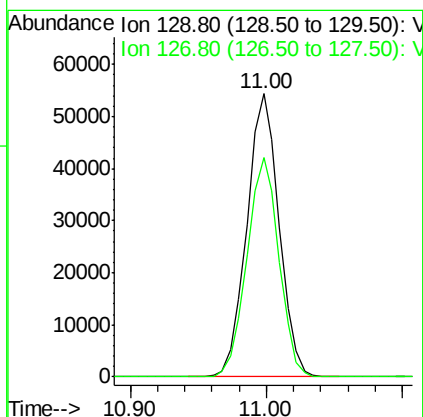
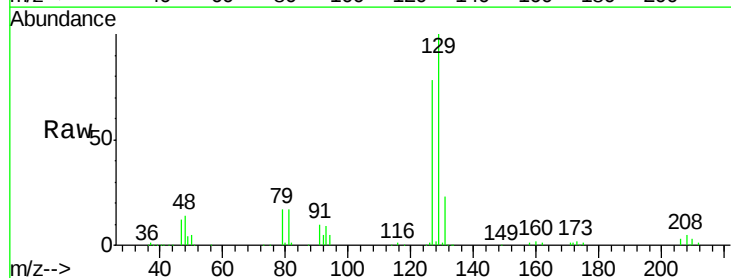
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

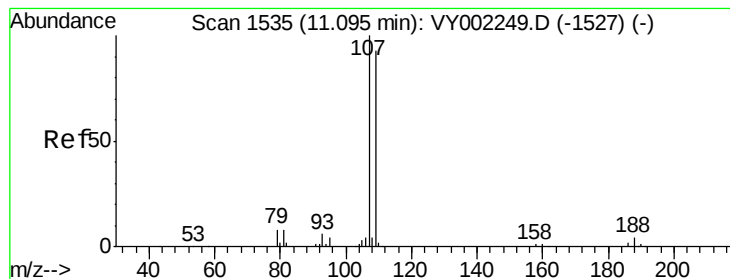
Tot Ion: 43 Resp: 278112
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.3



#60
Dibromochloromethane
Concen: 48.752 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 129 Resp: 90047
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 47.425 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

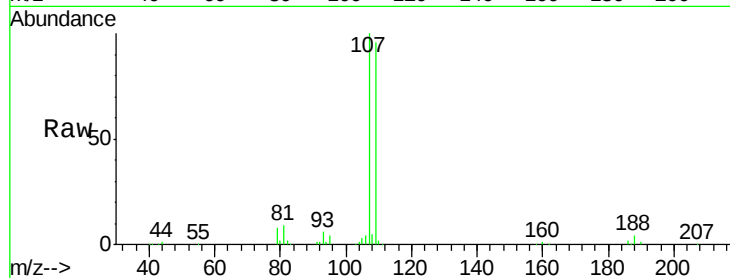
VSTDCCC050

Tot Ion:107 Resp: 78207

Ion Ratio Lower Upper

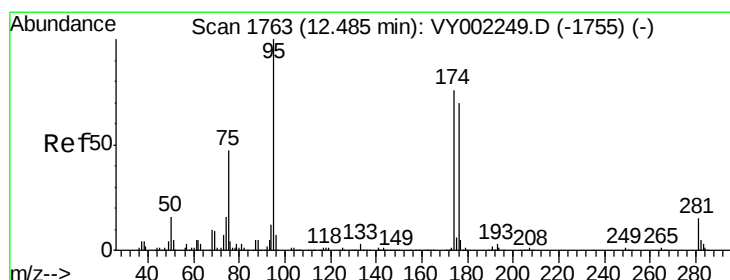
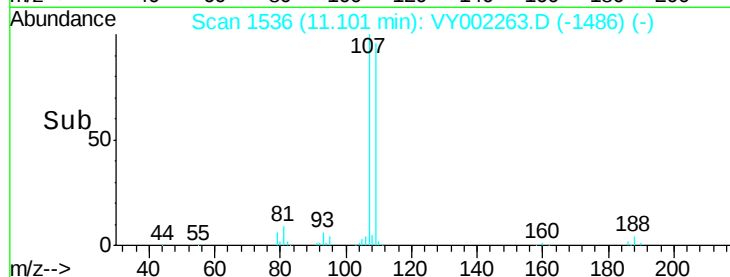
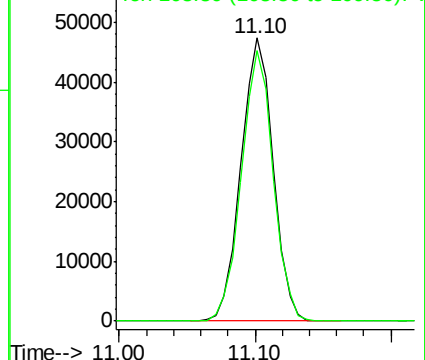
107 100

109 94.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.789 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

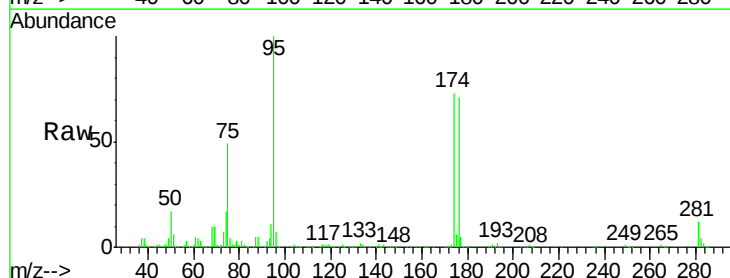
Tgt Ion: 95 Resp: 132371

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.6

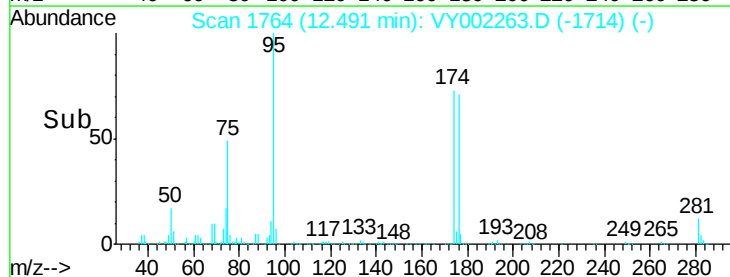
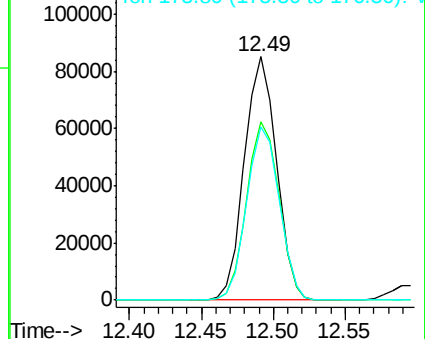
176 71.9 0.0 141.4

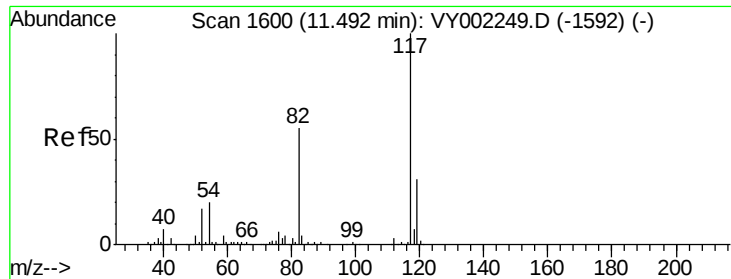


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

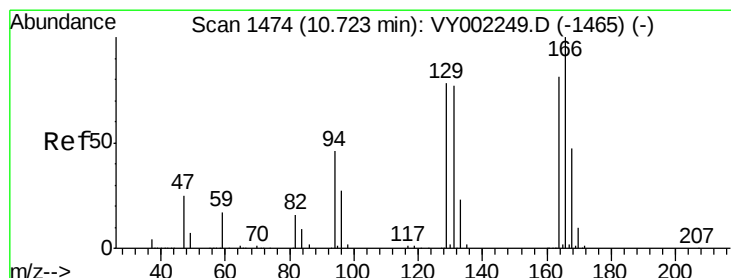
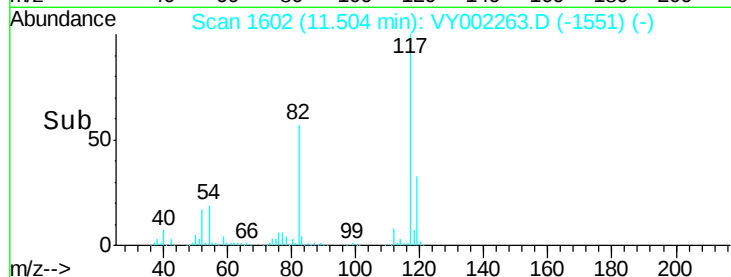
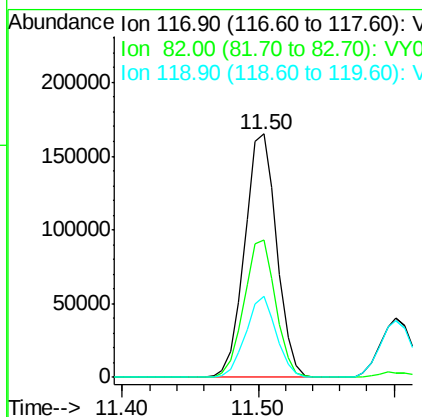
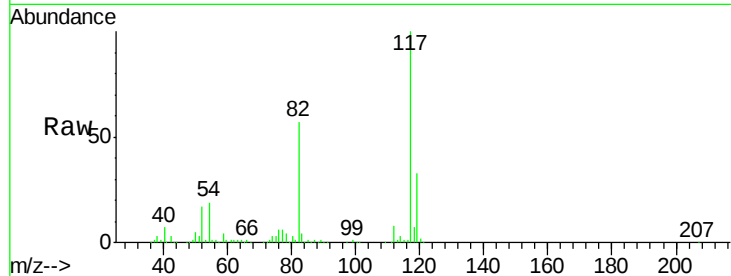




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

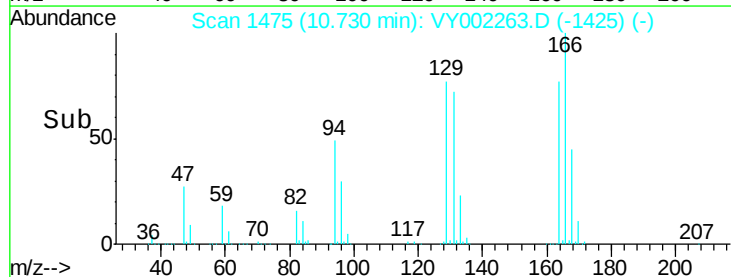
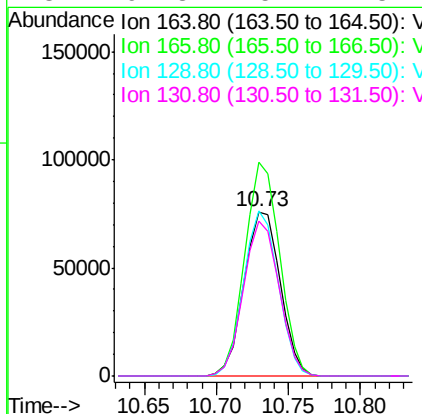
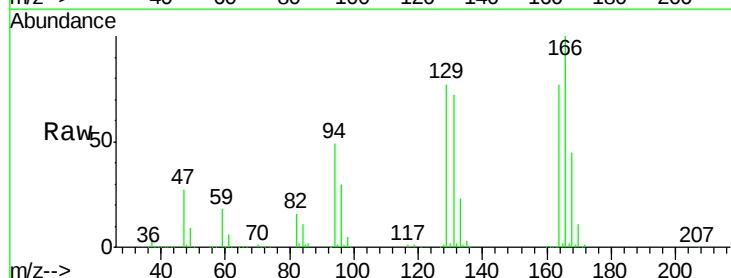
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

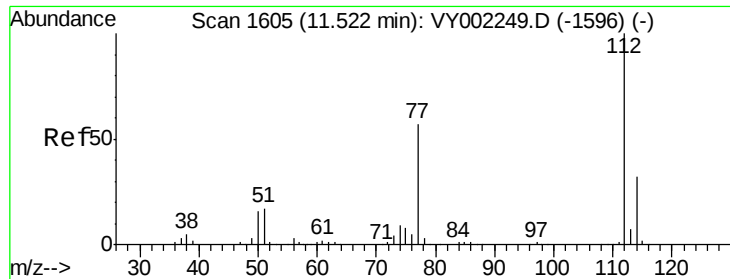
Tot Ion:117 Resp: 271761
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.4
119 33.2 25.1 37.7



#64
Tetrachloroethene
Concen: 48.095 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion:164 Resp: 132144
Ion Ratio Lower Upper
164 100
166 130.3 98.4 147.6
129 100.5 76.6 115.0
131 94.3 75.4 113.2





#65

Chlorobenzene

Concen: 48.107 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

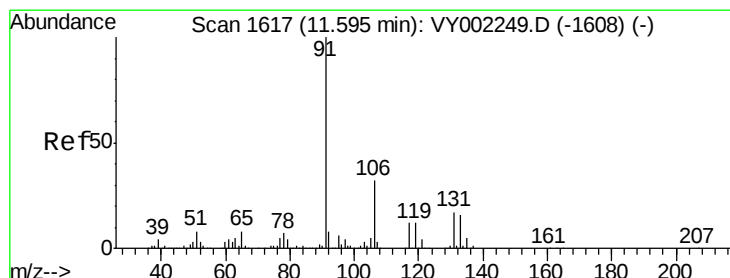
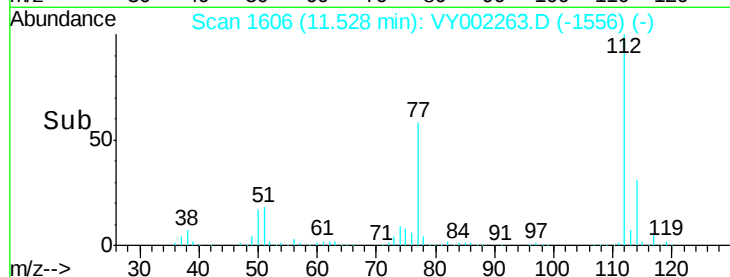
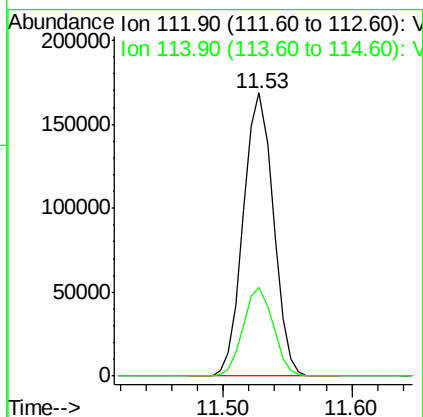
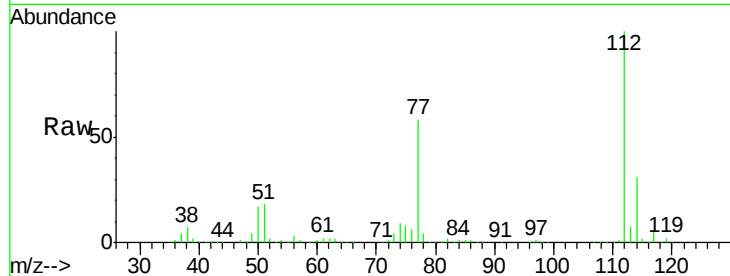
VSTDCCC050

Tot Ion:112 Resp: 271764

Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 48.718 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

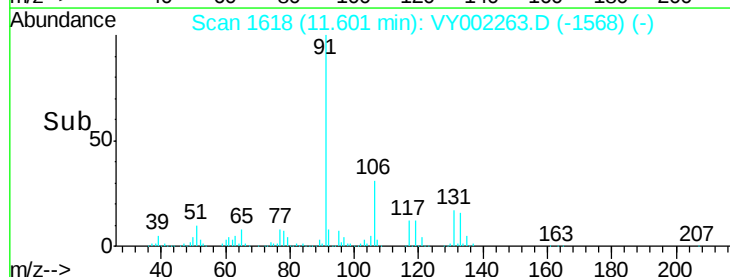
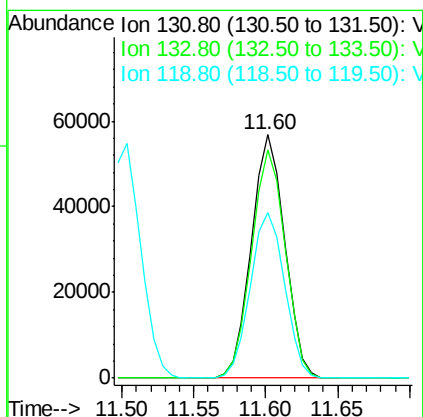
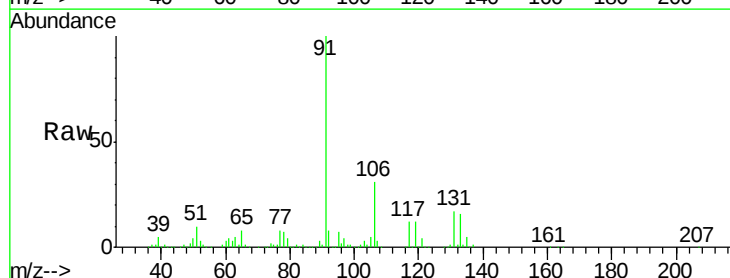
Tgt Ion:131 Resp: 90864

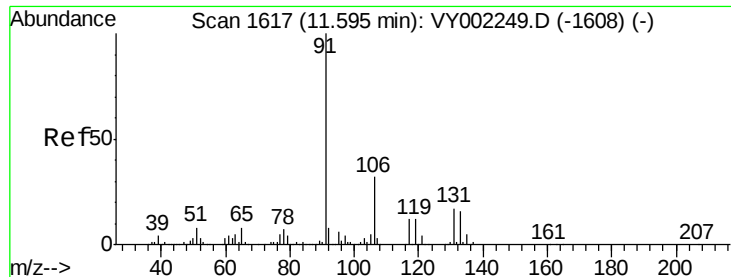
Ion Ratio Lower Upper

131 100

133 94.8 46.5 139.3

119 70.0 34.5 103.6

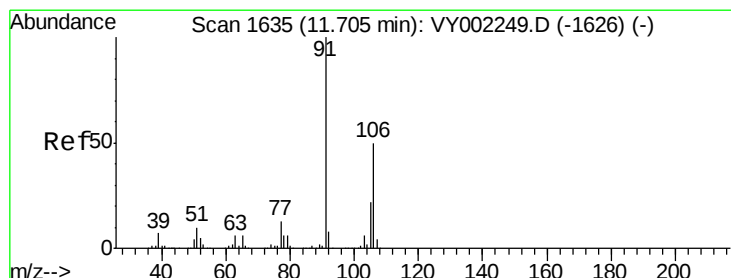
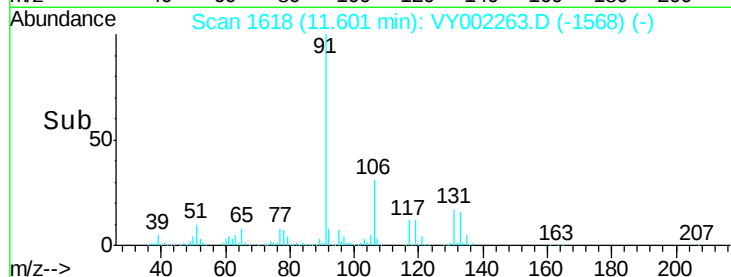
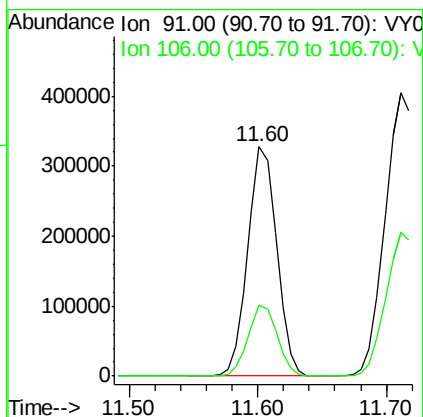
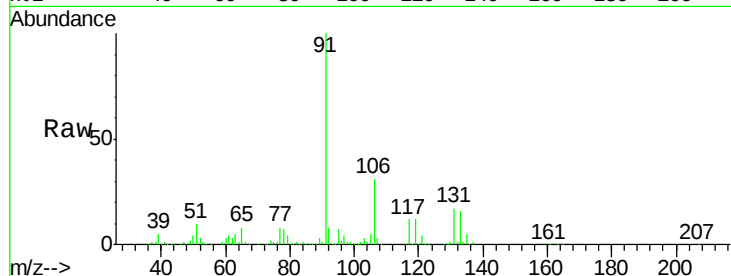




#67
Ethyl Benzene
Concen: 49.104 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

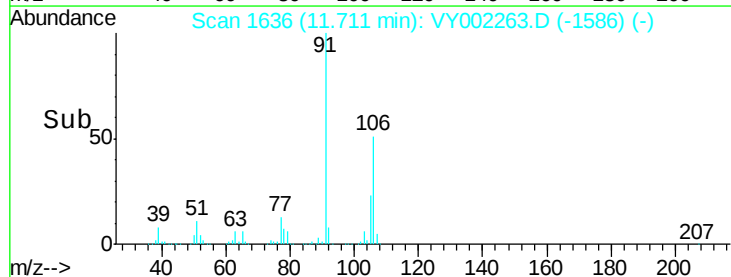
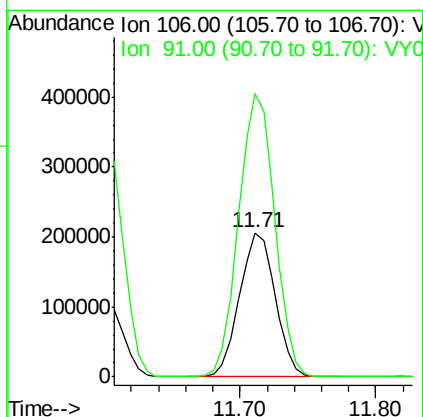
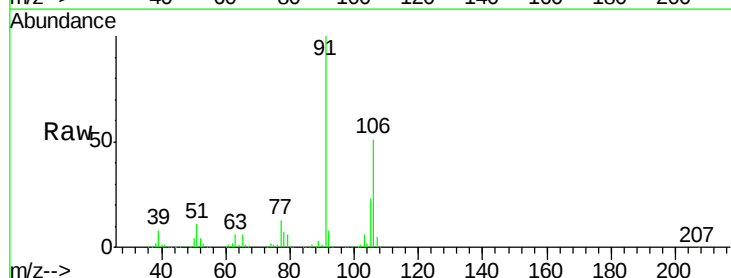
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

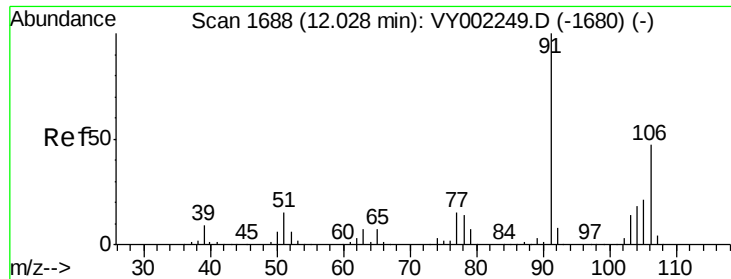
Tot Ion: 91 Resp: 507823
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 97.171 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 106 Resp: 376386
Ion Ratio Lower Upper
106 100
91 199.0 159.8 239.6

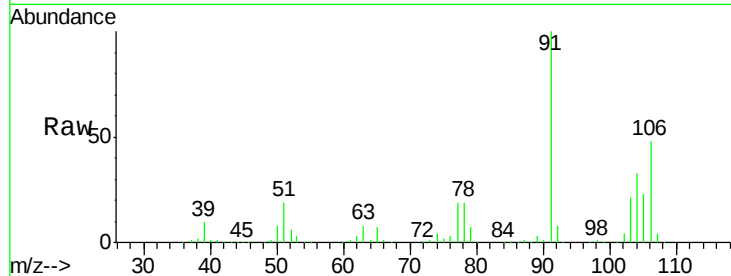




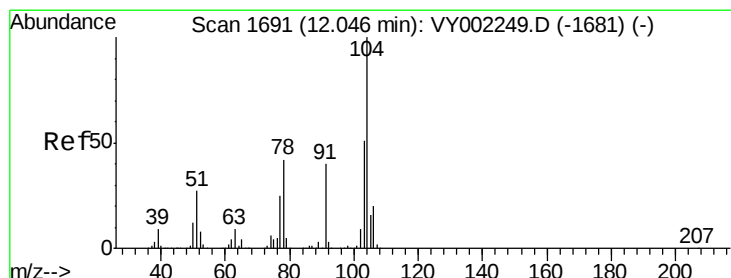
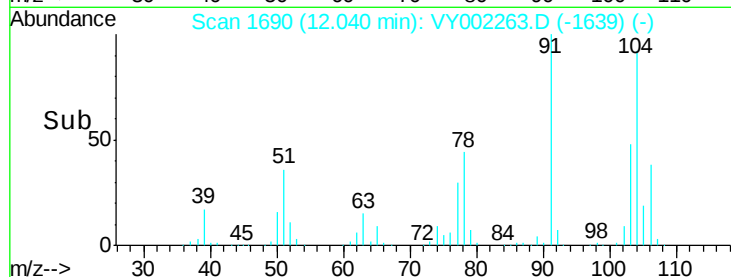
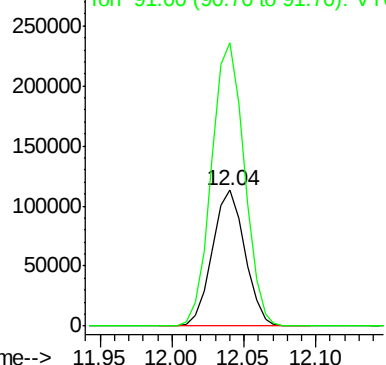
#69
o-Xylene
Concen: 48.657 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 176944
Ion Ratio Lower Upper
106 100
91 210.5 105.8 317.3

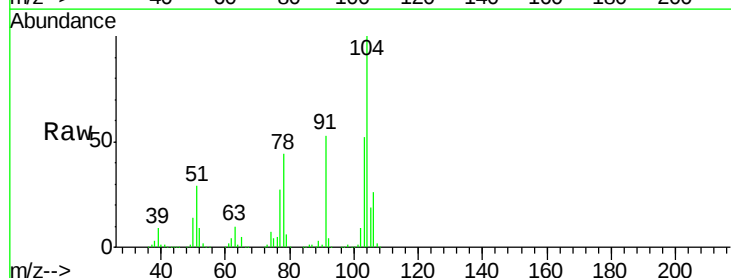


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

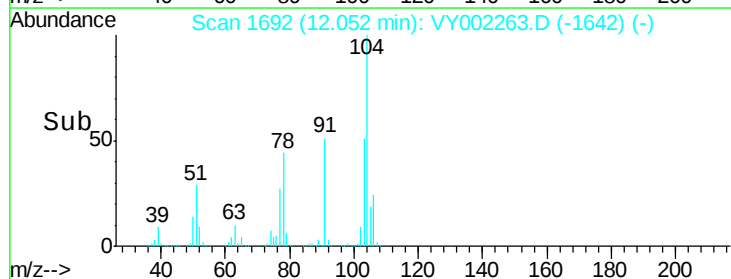
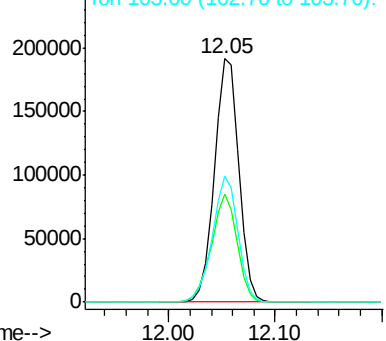


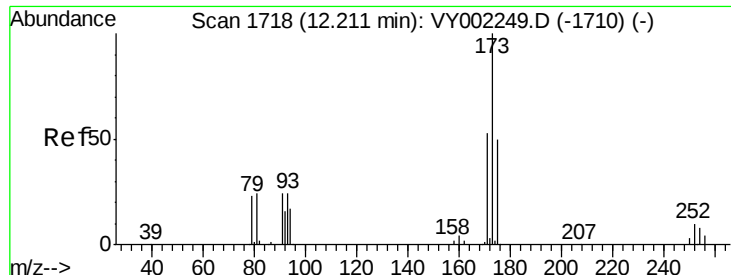
#70
Styrene
Concen: 48.858 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion:104 Resp: 308252
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 53.9 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: 48.878 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

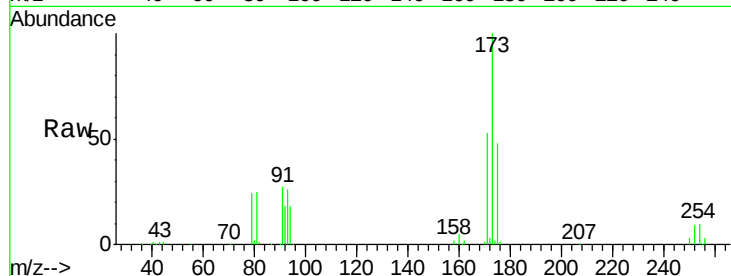
Tot Ion:173 Resp: 49576

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

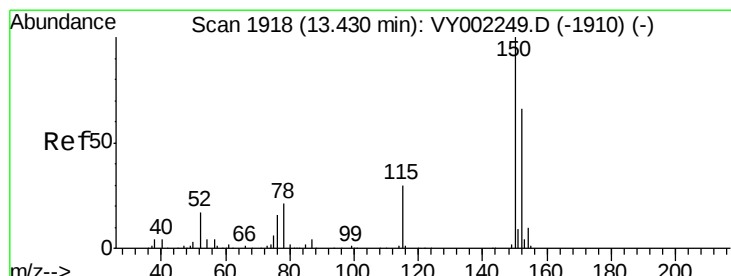
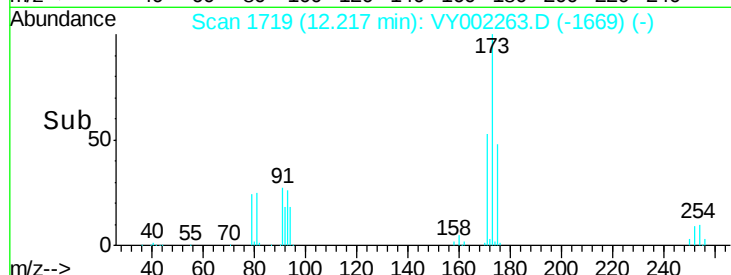
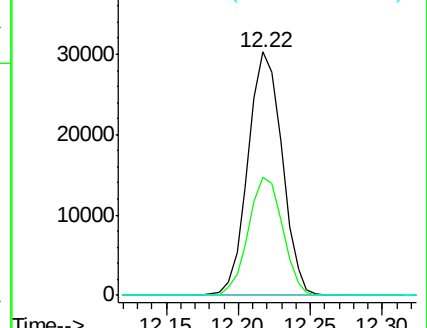
254 0.1 0.0 0.0#



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: VY002263.D

Acq: 09 Apr 2020 10:04

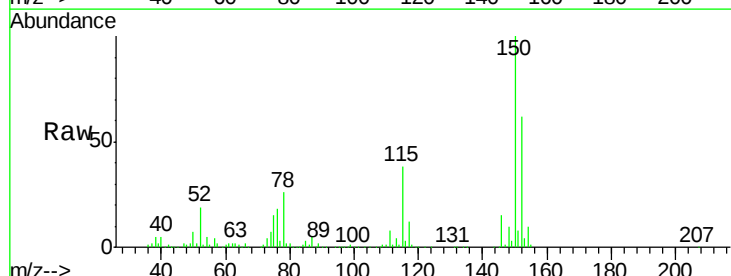
Tgt Ion:152 Resp: 123262

Ion Ratio Lower Upper

152 100

115 59.9 30.7 92.1

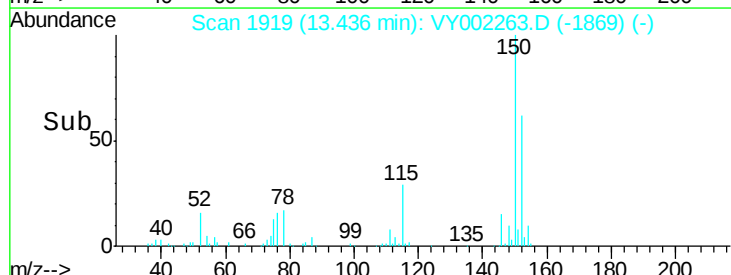
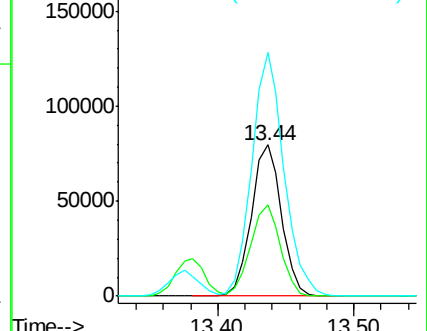
150 172.7 0.0 350.6

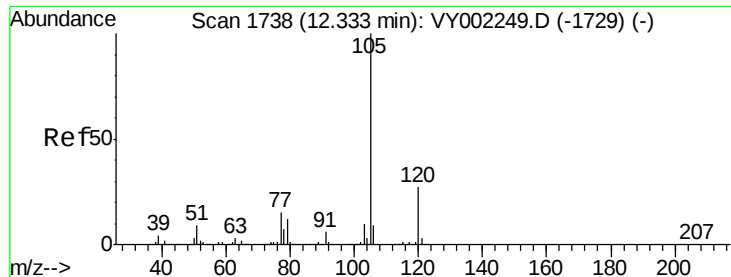


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.947 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

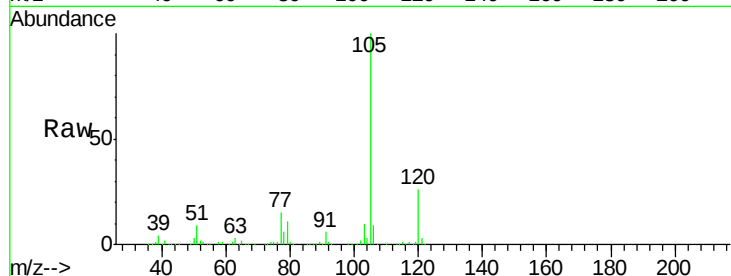
VSTDCCC050

Tot Ion:105 Resp: 473987

Ion Ratio Lower Upper

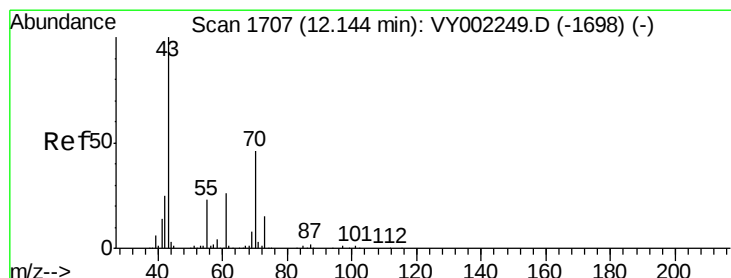
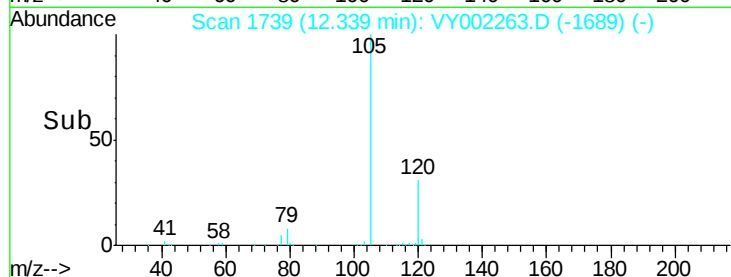
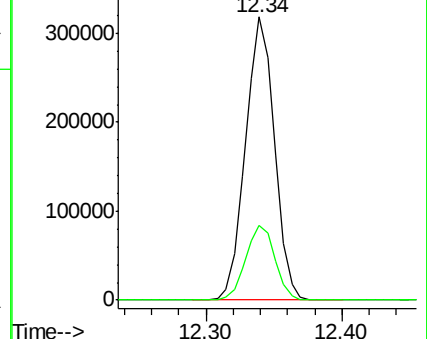
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.882 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Tgt Ion: 43 Resp: 131619

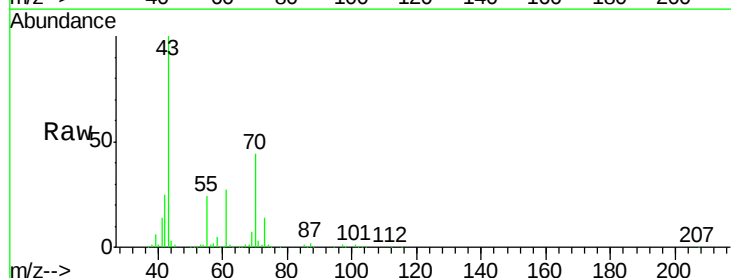
Ion Ratio Lower Upper

43 100

70 46.4 37.5 56.3

55 24.3 19.0 28.6

61 26.5 21.6 32.4

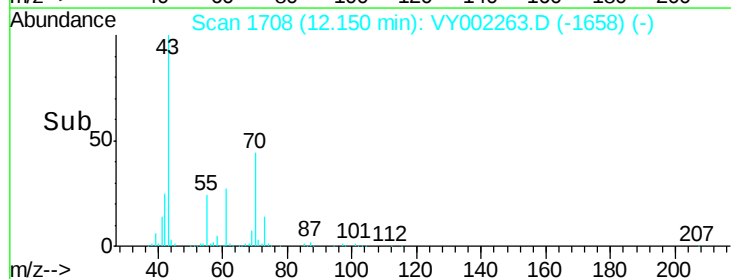
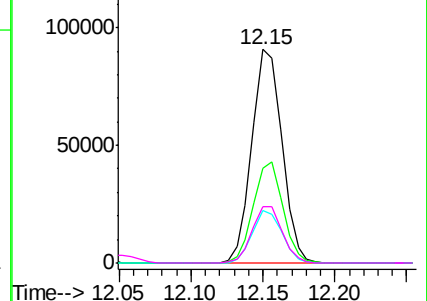


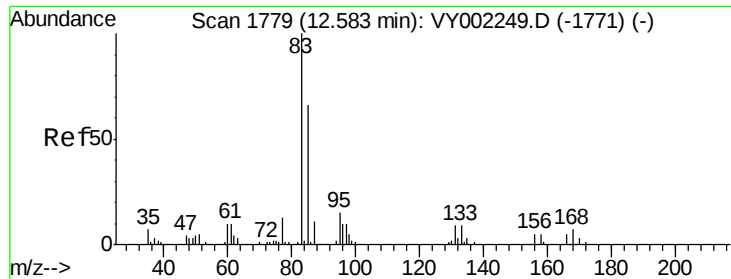
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.855 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

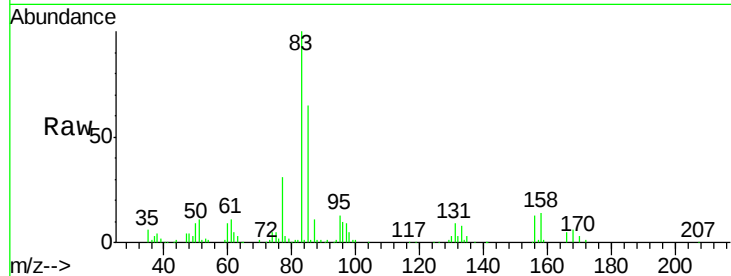
Tot Ion: 83 Resp: 59581

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

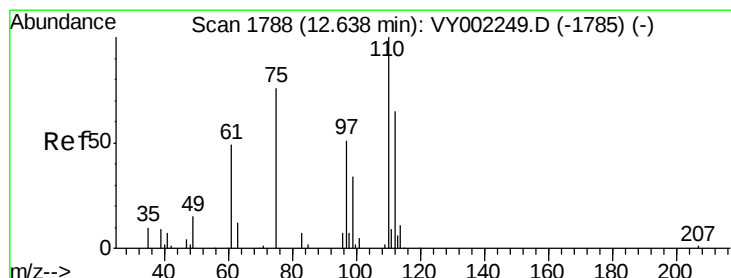
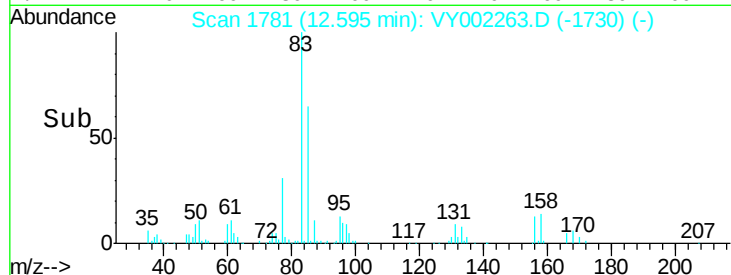
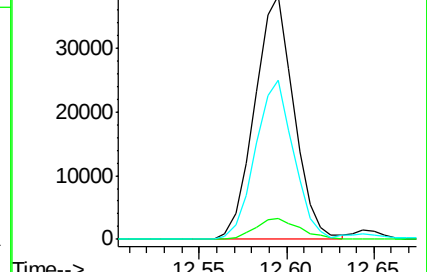
85 64.3 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 43.032 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002263.D

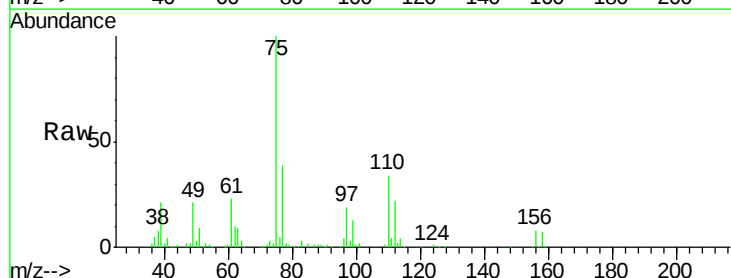
Acq: 09 Apr 2020 10:04

Tgt Ion: 75 Resp: 61594

Ion Ratio Lower Upper

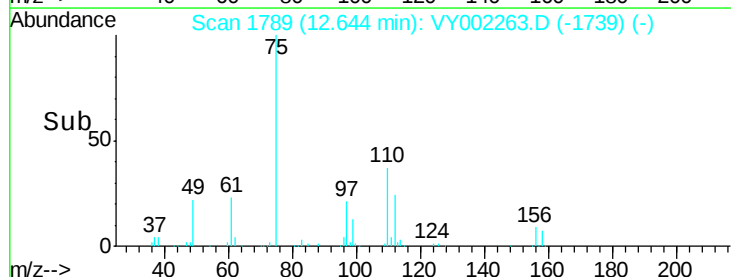
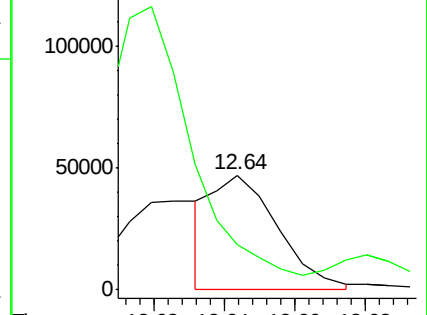
75 100

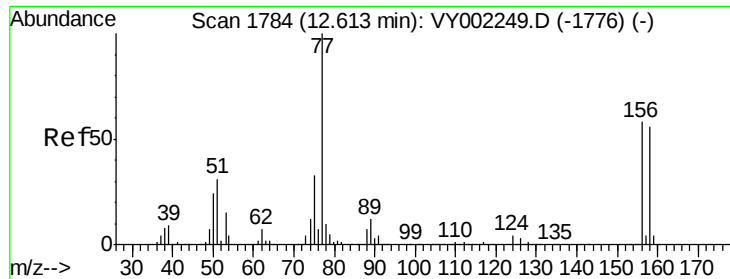
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)





#77

Bromobenzene

Concen: 47.527 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

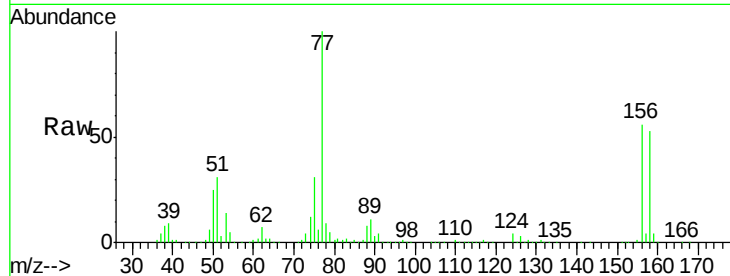
Tot Ion:156 Resp: 101255

Ion Ratio Lower Upper

156 100

77 206.3 101.3 303.9

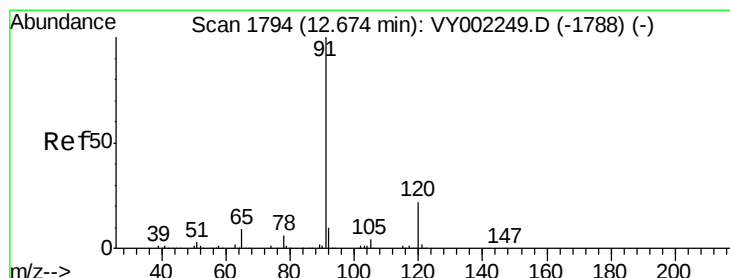
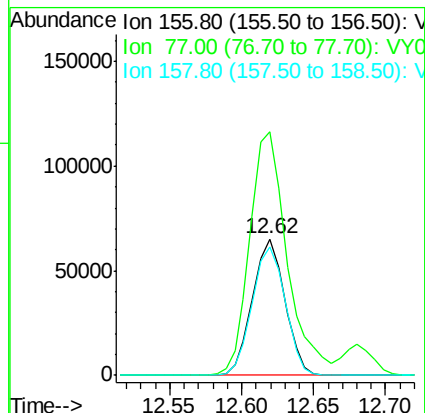
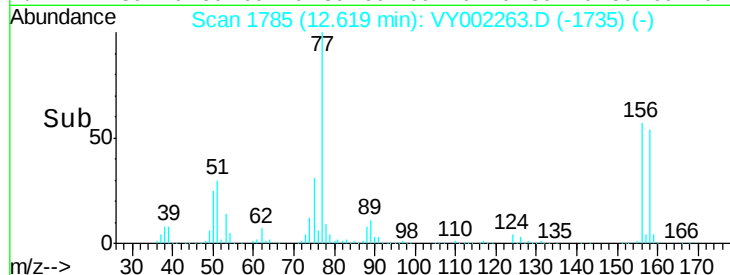
158 96.6 48.3 144.8



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: 48.704 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002263.D

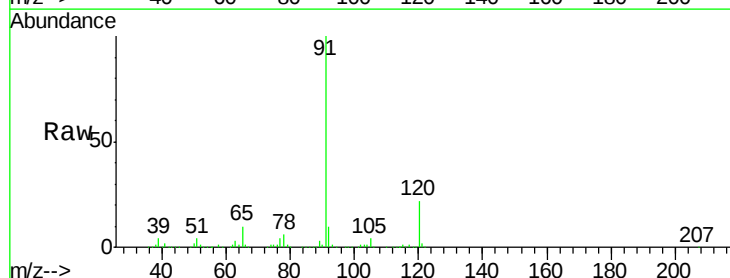
Acq: 09 Apr 2020 10:04

Tgt Ion: 91 Resp: 586571

Ion Ratio Lower Upper

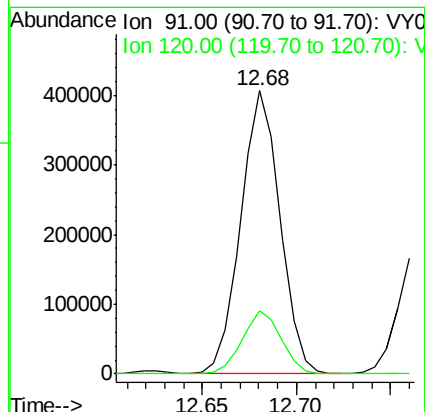
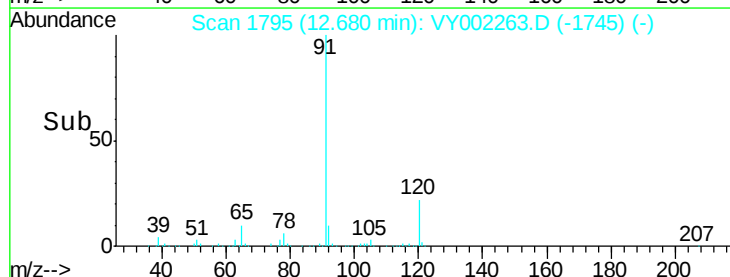
91 100

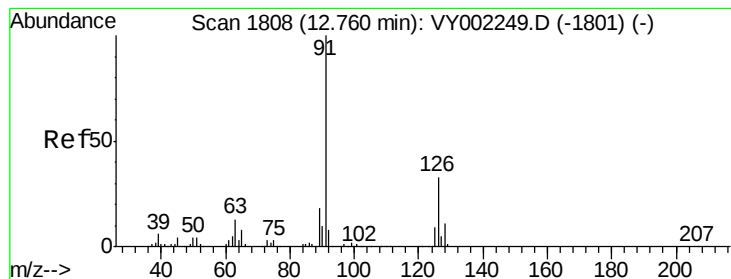
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.356 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

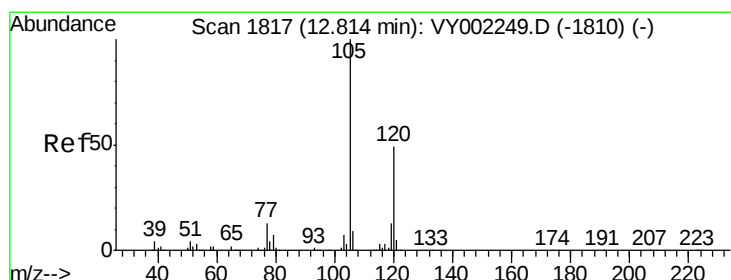
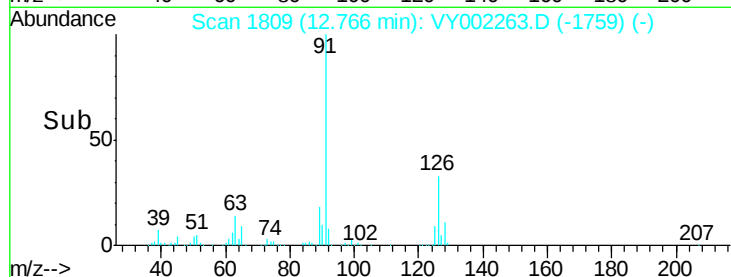
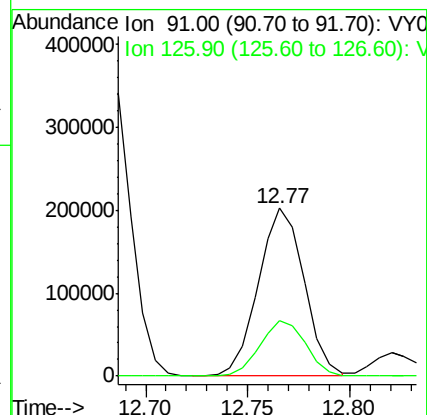
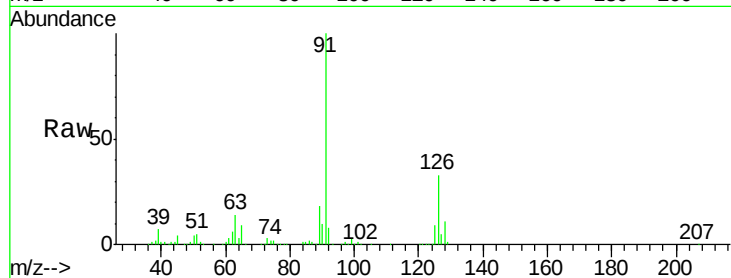
VSTDCCC050

Tot Ion: 91 Resp: 316493

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 48.914 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002263.D

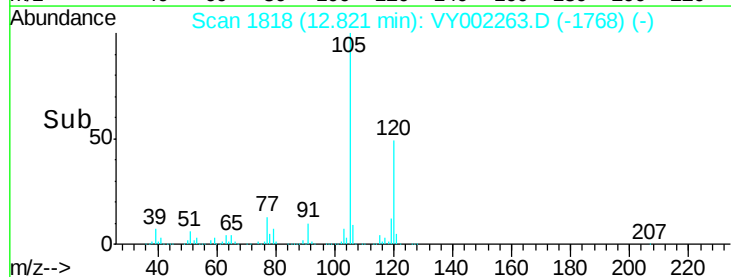
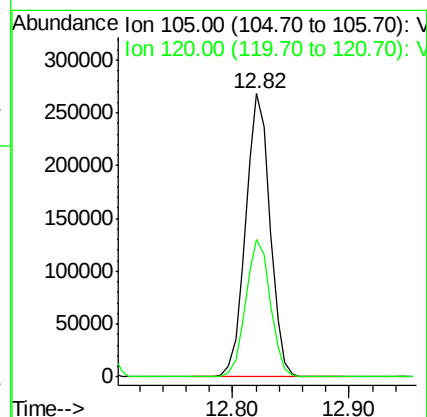
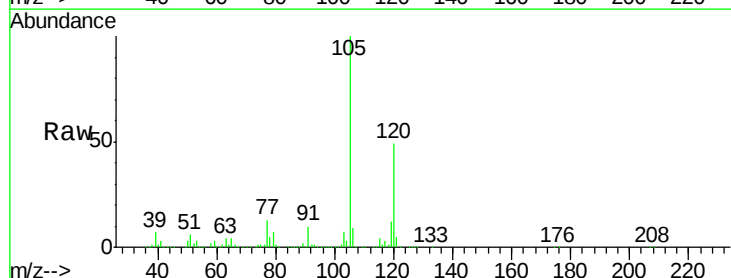
Acq: 09 Apr 2020 10:04

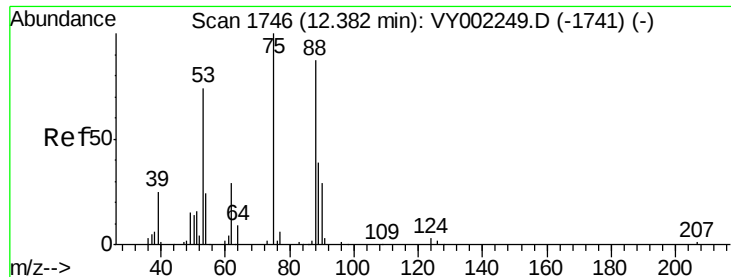
Tgt Ion: 105 Resp: 391729

Ion Ratio Lower Upper

105 100

120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 49.068 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002263.D

Acq: 09 Apr 2020 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

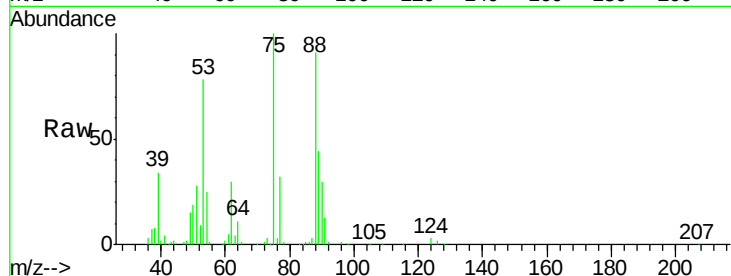
Tot Ion: 75 Resp: 36110

Ion Ratio Lower Upper

75 100

53 78.3 59.8 89.8

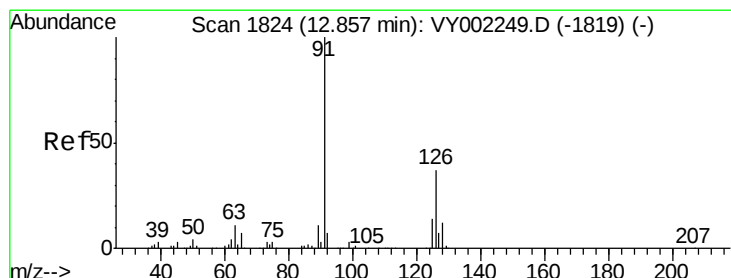
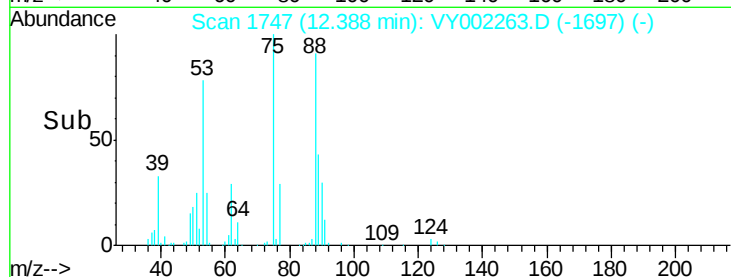
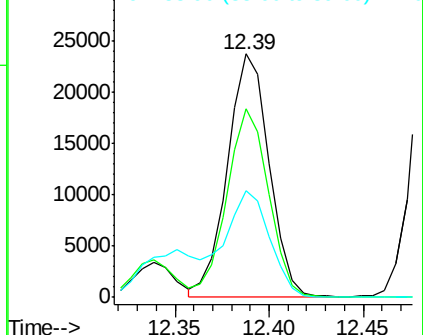
89 47.6 37.0 55.6



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: 47.681 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002263.D

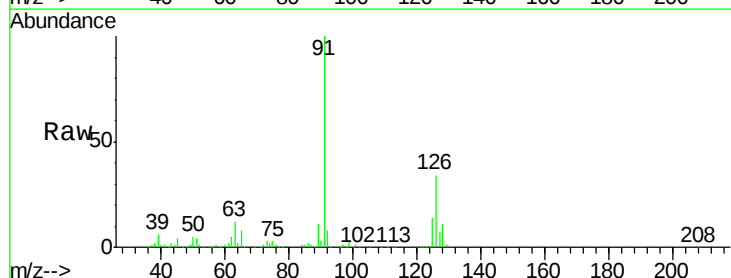
Acq: 09 Apr 2020 10:04

Tgt Ion: 91 Resp: 327087

Ion Ratio Lower Upper

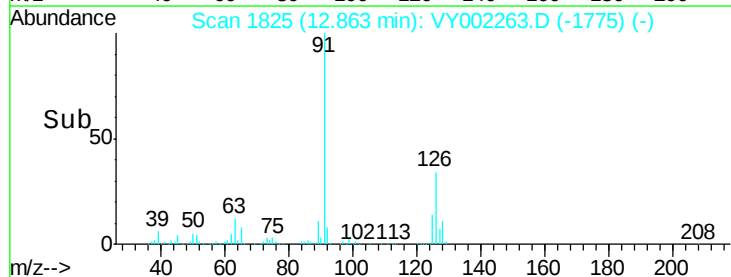
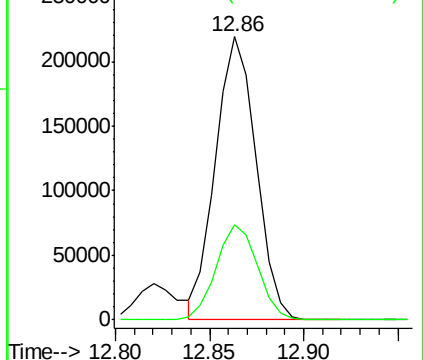
91 100

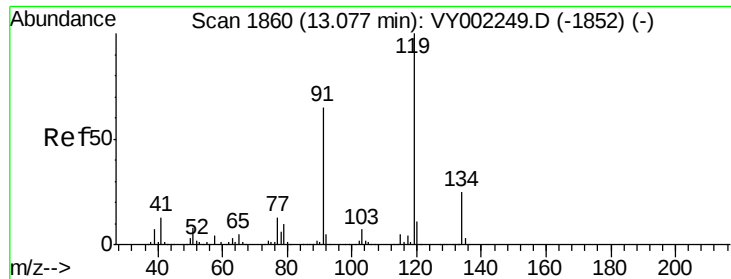
126 34.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

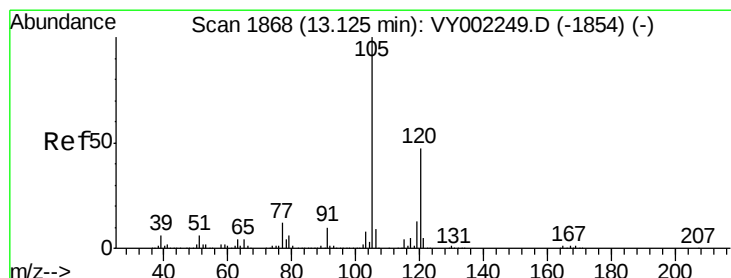
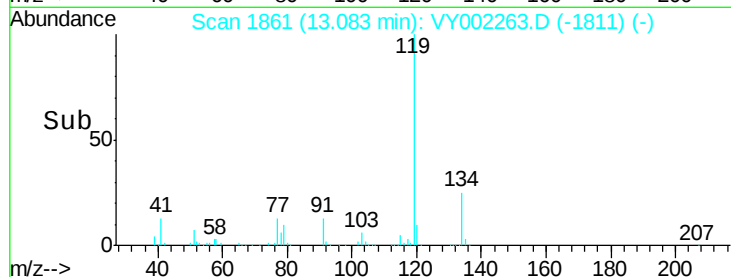
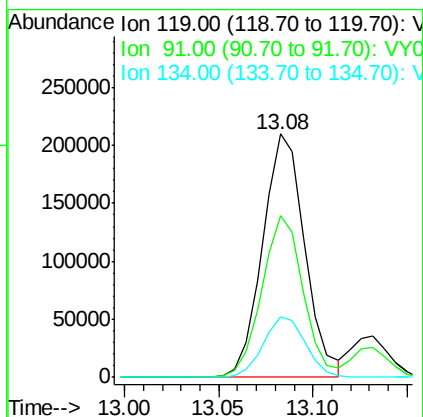
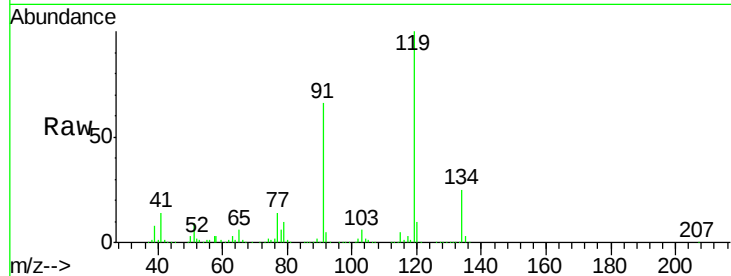




#83
 tert-Butylbenzene
 Concen: 48.562 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

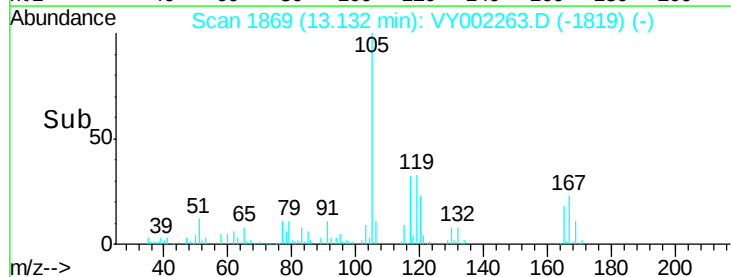
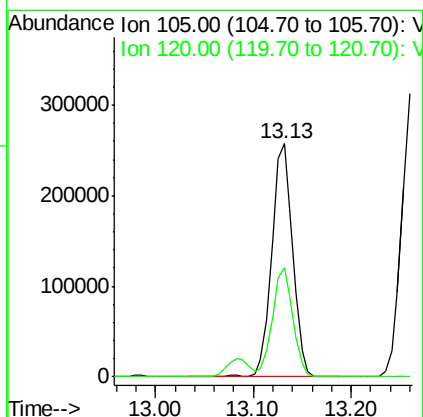
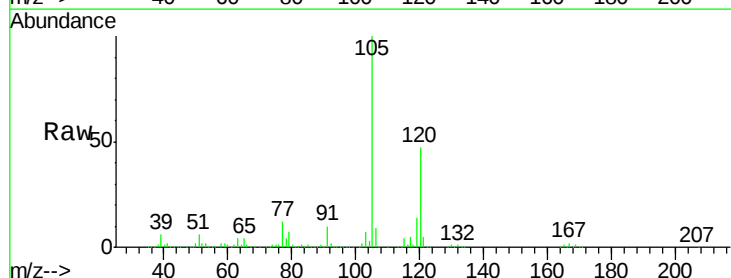
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

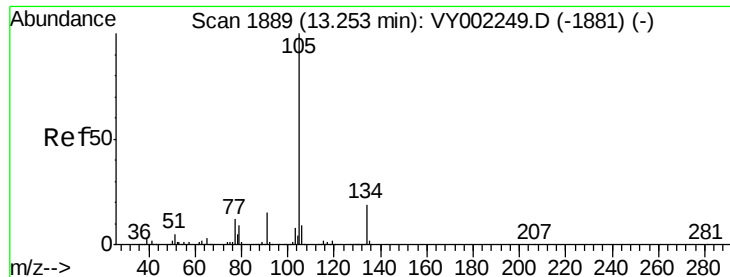
Tot Ion:119 Resp: 325765
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.4 97.0
 134 25.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 48.360 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion:105 Resp: 386748
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2

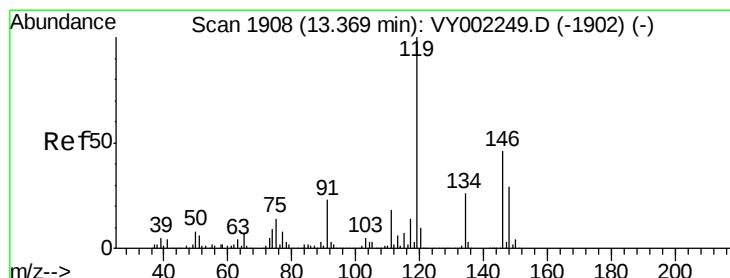
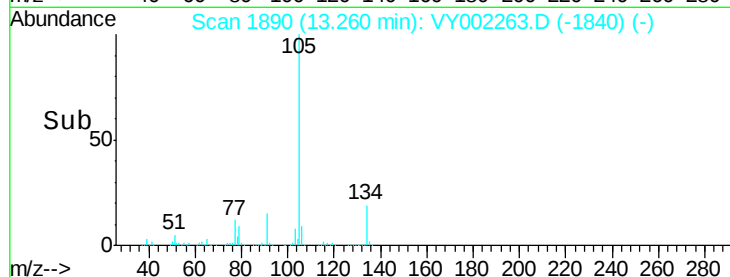
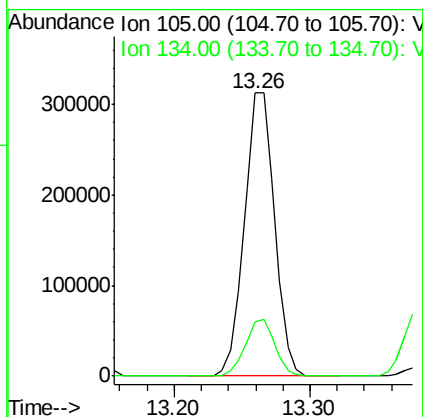
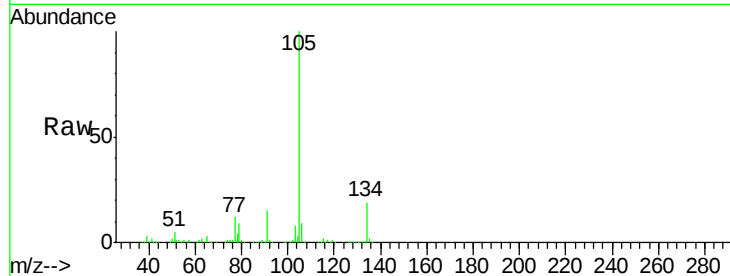




#85
 sec-Butylbenzene
 Concen: 48.569 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

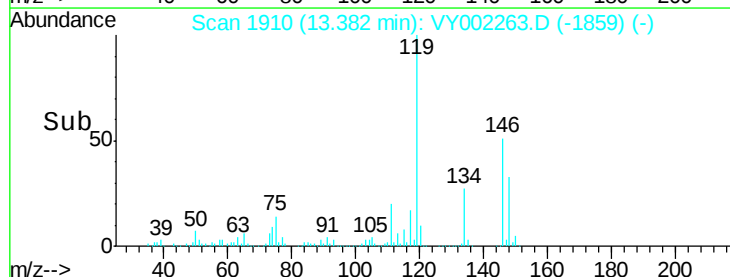
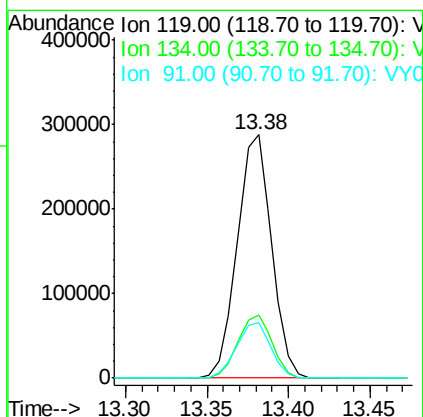
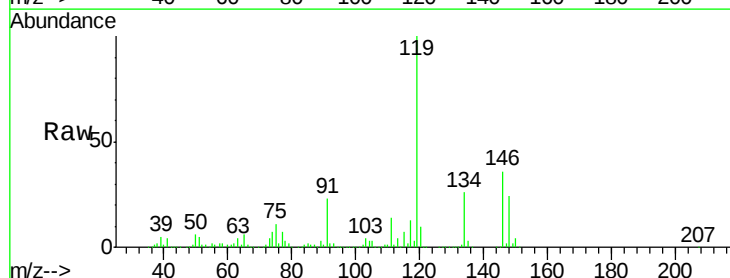
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

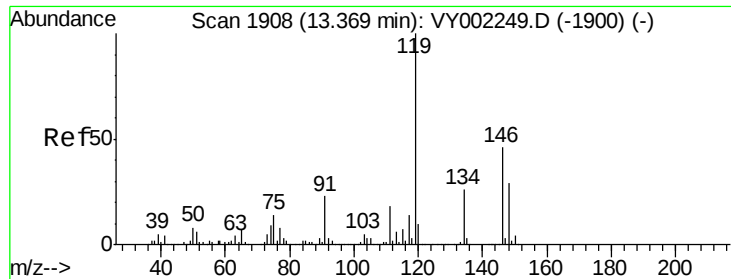
Tot Ion:105 Resp: 485352
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.997 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion:119 Resp: 421412
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.2 11.5 34.4

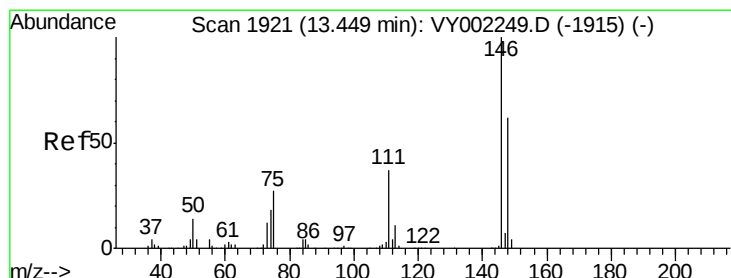
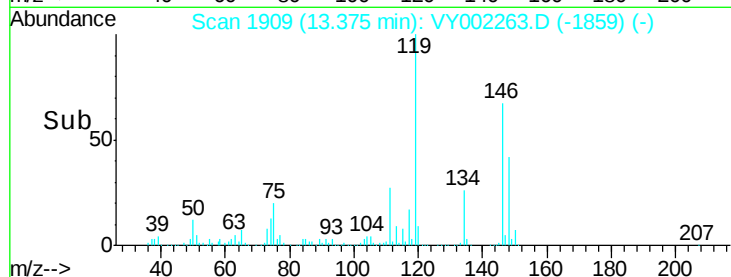
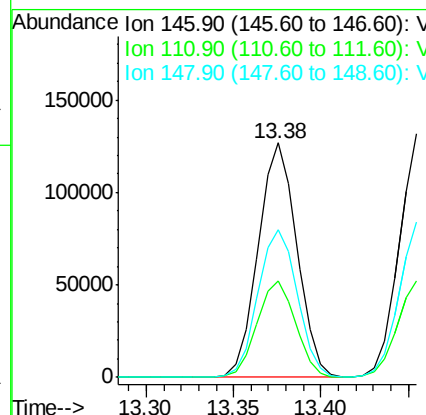
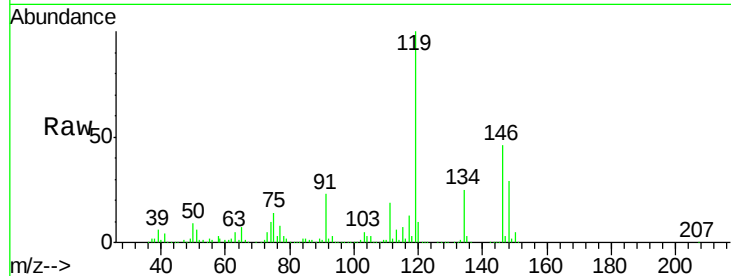




#87
 1,3-Dichlorobenzene
 Concen: 47.217 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

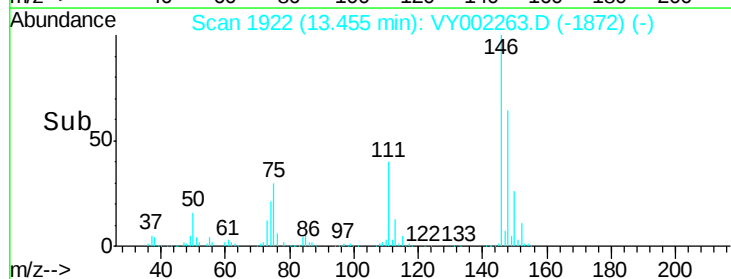
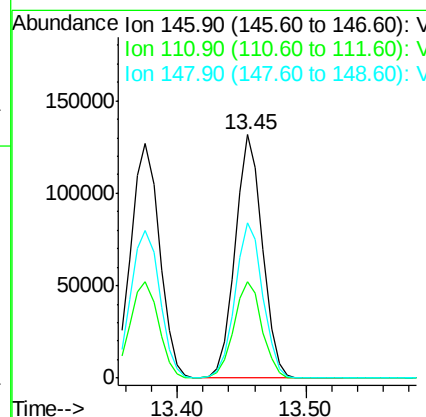
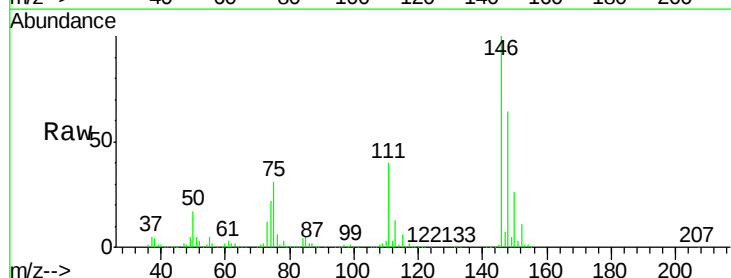
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

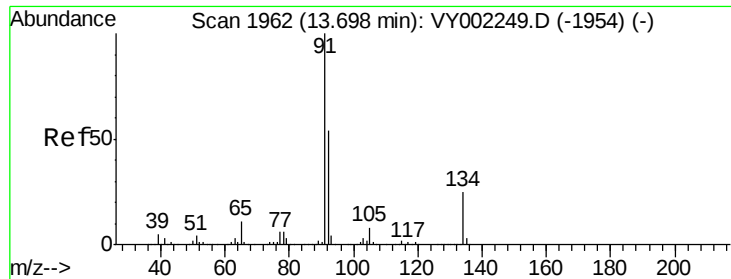
Tot Ion:146 Resp: 194955
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.8
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.432 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion:146 Resp: 194605
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.8
 148 64.6 32.0 96.0

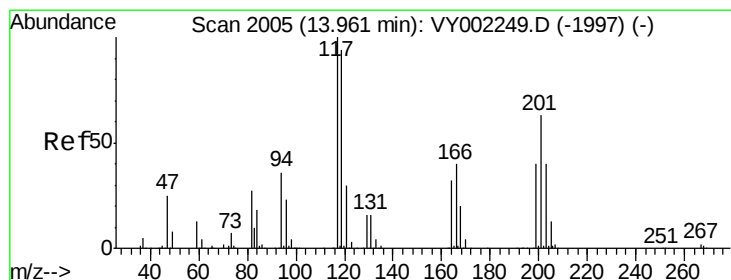
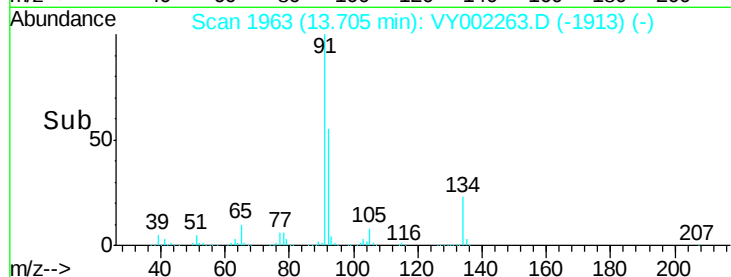
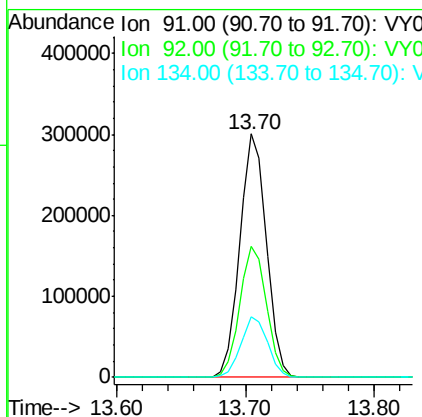
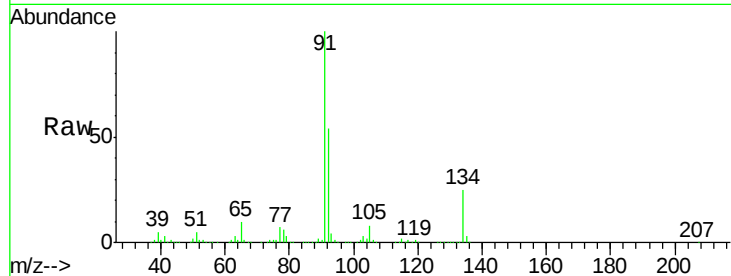




#89
n-Butylbenzene
Concen: 48.398 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

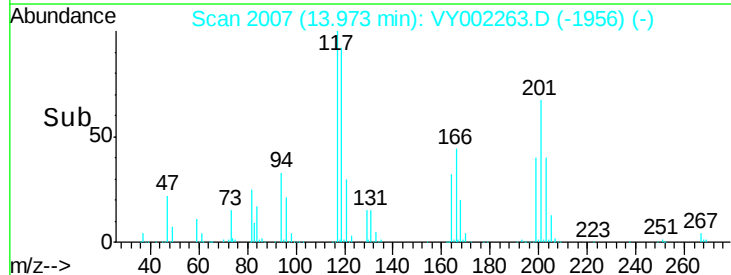
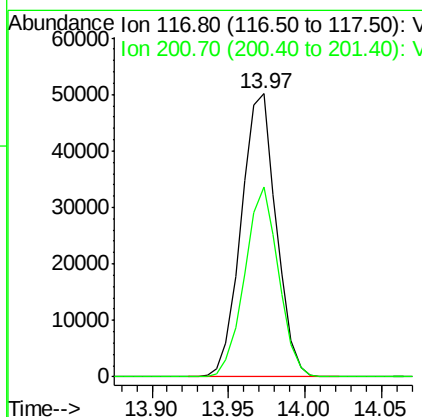
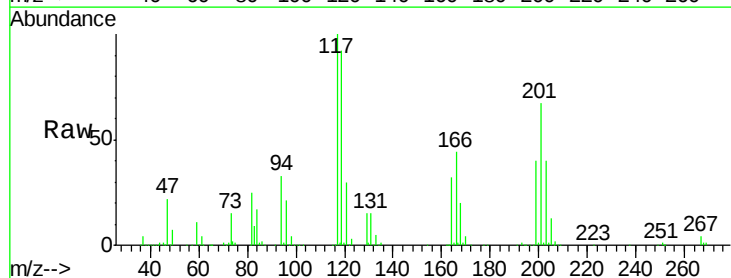
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

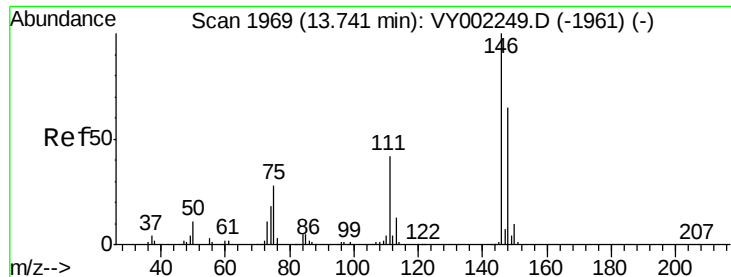
Tot Ion: 91 Resp: 426675
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 24.8 12.7 38.0



#90
Hexachloroethane
Concen: 48.518 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion: 117 Resp: 79518
Ion Ratio Lower Upper
117 100
201 64.9 33.1 99.2

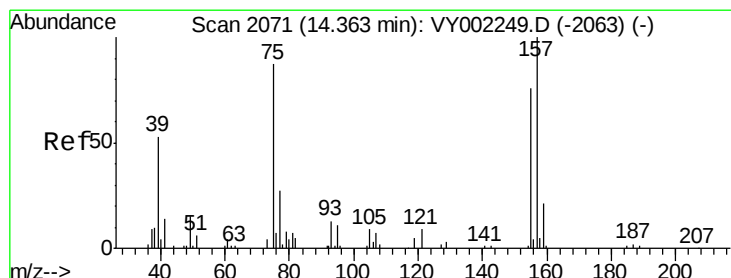
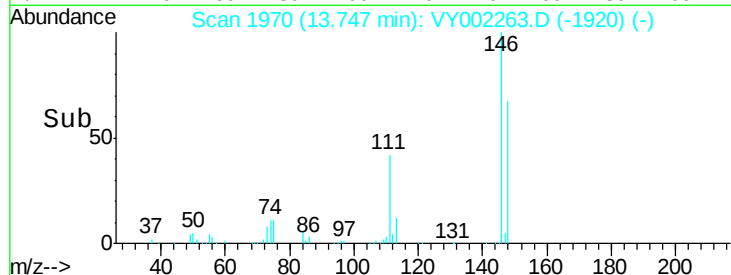
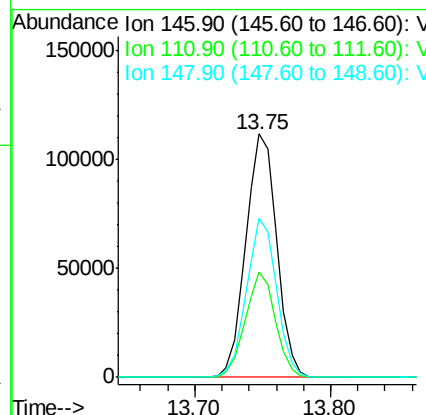
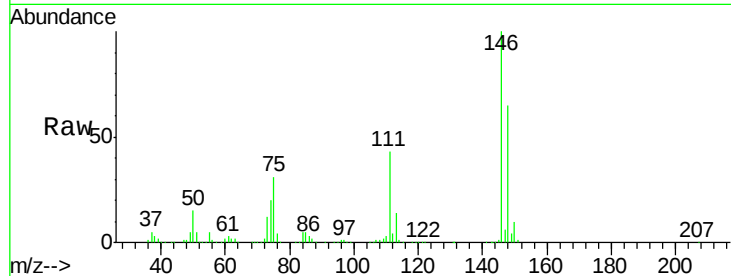




#91
 1,2-Dichlorobenzene
 Concen: 47.270 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

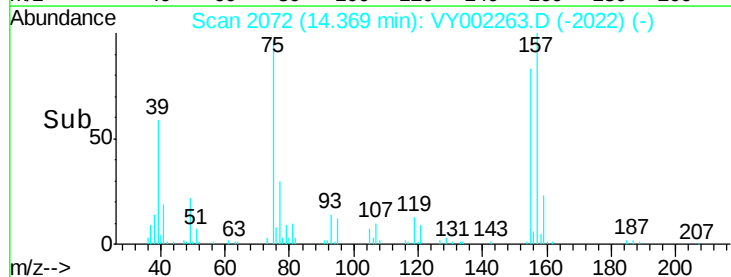
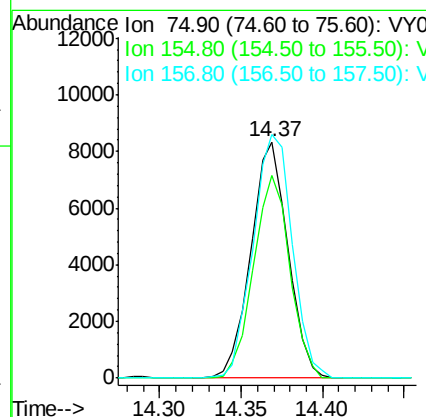
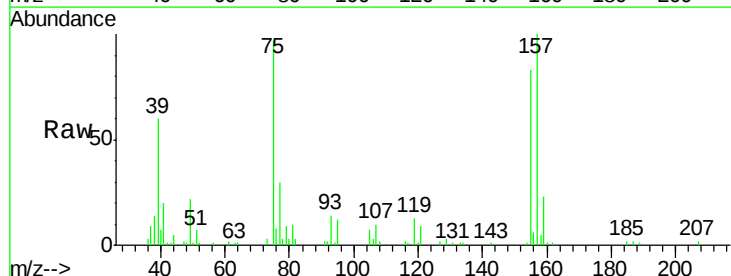
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

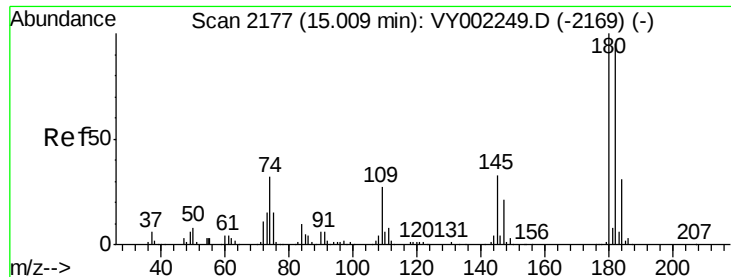
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.1
148	63.6	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.482 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	43.6	130.8
157	109.4	56.0	168.2

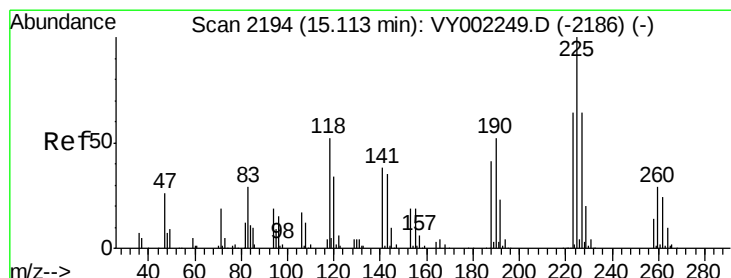
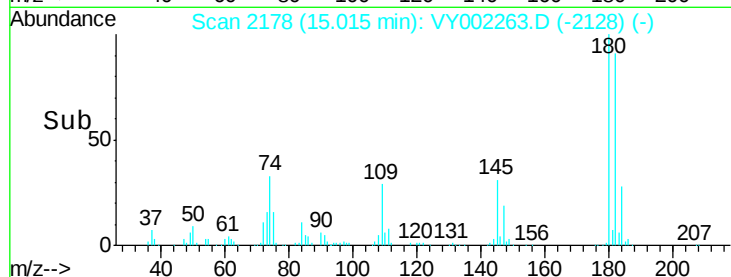
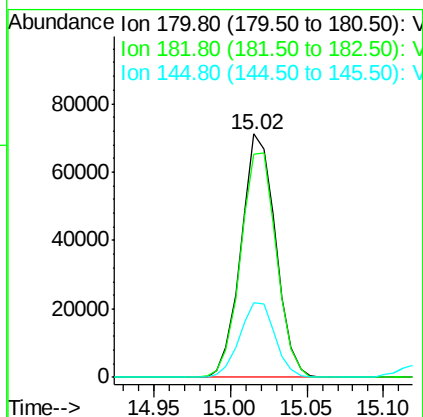
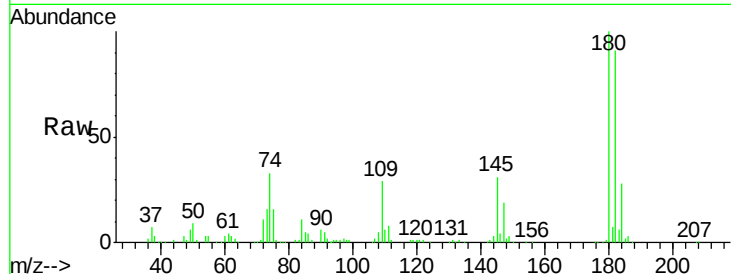




#93
 1,2,4-Trichlorobenzene
 Concen: 45.514 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

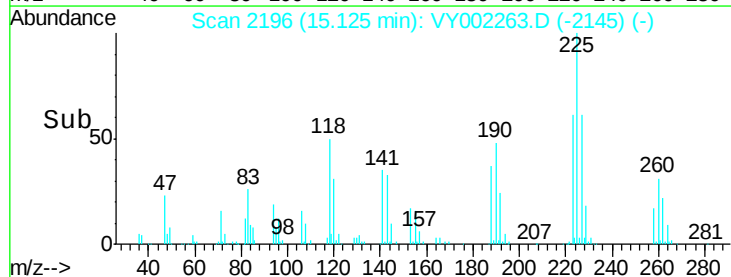
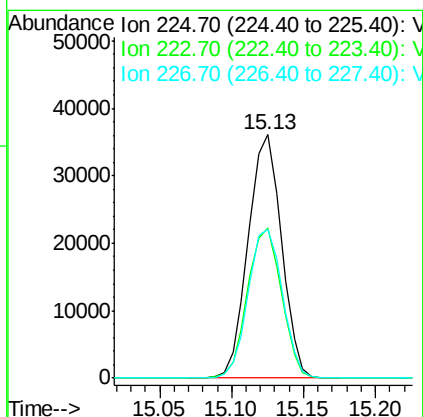
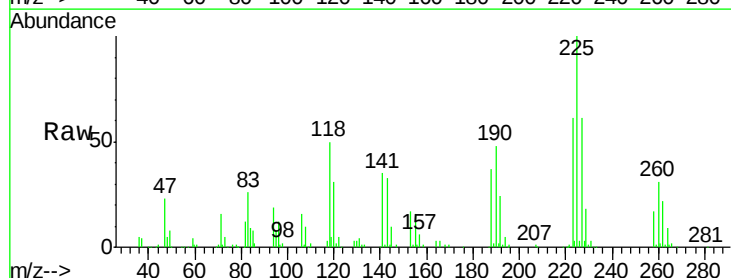
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

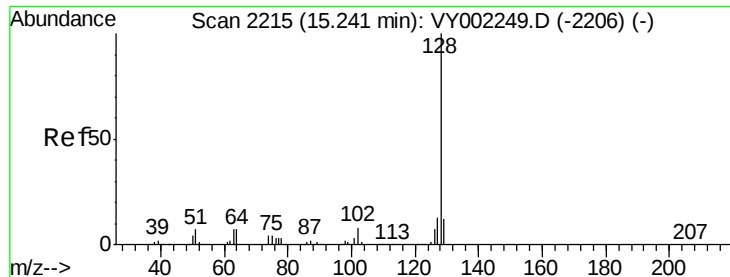
Tot Ion:180 Resp: 111614
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.7
 145 31.4 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 46.648 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002263.D
 Acq: 09 Apr 2020 10:04

Tgt Ion:225 Resp: 57616
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.0 93.0
 227 63.0 31.3 93.9

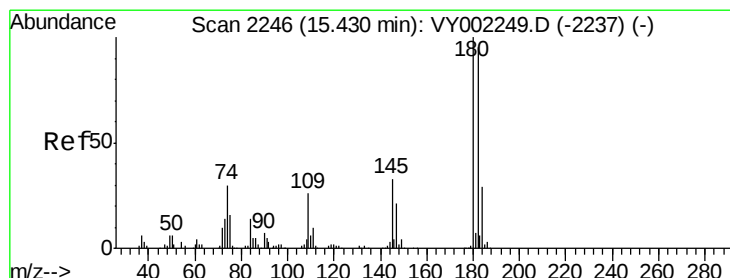
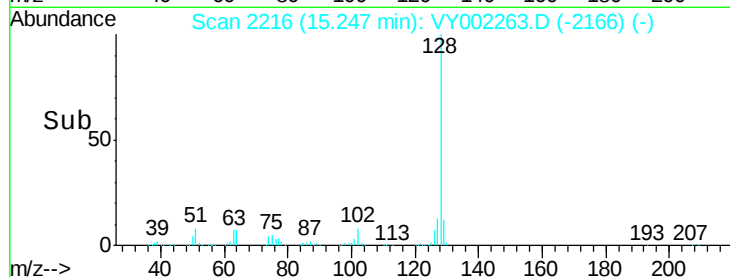
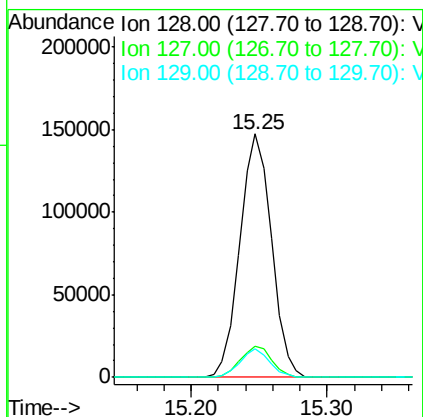
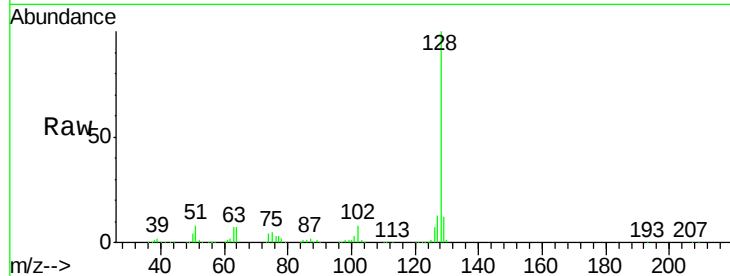




#95
Naphthalene
Concen: 44.702 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 240022
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.979 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002263.D
Acq: 09 Apr 2020 10:04

Tgt Ion:180 Resp: 93648
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.3
145 34.0 16.7 50.1

