

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002266.D
 Acq On : 09 Apr 2020 11:37
 Operator : SY/MD
 Sample : VY0409SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Quant Time: Apr 10 08:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	164462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266943	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	124755	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	94724	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.74	113	91681	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
50) Toluene-d8	10.19	98	379126	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.49	95	130468	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31904	19.194	ug/l	98
3) Chloromethane	2.13	50	41893	20.026	ug/l	99
4) Vinyl Chloride	2.26	62	45021	20.220	ug/l	97
5) Bromomethane	2.66	94	27542	20.031	ug/l	94
6) Chloroethane	2.81	64	25751	20.053	ug/l	100
7) Trichlorofluoromethane	3.15	101	61243	21.298	ug/l	99
8) Diethyl Ether	3.55	74	25458	20.826	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.93	101	41015	20.998	ug/l	99
10) Methyl Iodide	4.11	142	44608	19.647	ug/l	99
11) Tert butyl alcohol	4.98	59	29661	137.121	ug/l	100
12) 1,1-Dichloroethene	3.90	96	41687	20.992	ug/l	99
13) Acrolein	3.75	56	23373	99.115	ug/l	100
14) Allyl chloride	4.50	41	71584	22.323	ug/l	98
15) Acrylonitrile	5.19	53	67633	108.190	ug/l	99
16) Acetone	3.97	43	53575	111.218	ug/l	99
17) Carbon Disulfide	4.22	76	137587	20.862	ug/l	99
18) Methyl Acetate	4.50	43	33991	22.749	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	111584	21.373	ug/l	98
20) Methylene Chloride	4.74	84	49446	20.884	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	46403	20.818	ug/l	94
22) Diisopropyl ether	6.14	45	142198	22.034	ug/l	97
23) Vinyl Acetate	6.09	43	461846	112.302	ug/l	98
24) 1,1-Dichloroethane	6.05	63	77565	21.131	ug/l	98
25) 2-Butanone	7.02	43	86806	113.869	ug/l	97
26) 2,2-Dichloropropane	7.01	77	66692	21.720	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	51189	21.067	ug/l	97
28) Bromochloromethane	7.36	49	35330	22.296	ug/l	96
29) Tetrahydrofuran	7.37	42	54985	109.115	ug/l	98
30) Chloroform	7.53	83	74238	21.455	ug/l	99
31) Cyclohexane	7.80	56	81714	21.208	ug/l #	94
32) 1,1,1-Trichloroethane	7.72	97	62268	21.621	ug/l	100
36) 1,1-Dichloropropene	7.94	75	62132	21.158	ug/l	100
37) Ethyl Acetate	7.10	43	38616	23.019	ug/l	98
38) Carbon Tetrachloride	7.92	117	53199	21.180	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	83690	20.951	ug/l	99
40) Benzene	8.18	78	186363	20.918	ug/l	96
41) Methacrylonitrile	7.34	41	19778m	19.985	ug/l	
42) 1,2-Dichloroethane	8.26	62	48329	21.898	ug/l	99
43) Isopropyl Acetate	8.29	43	67064	21.920	ug/l	100
44) Trichloroethene	8.96	130	53528	20.435	ug/l	94
45) 1,2-Dichloropropane	9.24	63	47328	21.410	ug/l	98
46) Dibromomethane	9.32	93	24487	21.186	ug/l	98
47) Bromodichloromethane	9.51	83	56914	21.460	ug/l	99
48) Methyl methacrylate	9.31	41	31728	23.128	ug/l	94
49) 1,4-Dioxane	9.31	88	7075	432.730	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	187039	117.320	ug/l	99
52) Toluene	10.25	92	114595	21.343	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	62520	21.637	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	73605	21.188	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36522	21.583	ug/l	97
56) Ethyl methacrylate	10.52	69	53475	22.141	ug/l	100
57) 1,3-Dichloropropane	10.80	76	64710	21.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	135180	108.086	ug/l	98
59) 2-Hexanone	10.85	43	124801	112.793	ug/l	97
60) Dibromochloromethane	11.00	129	38586	21.385	ug/l	99
61) 1,2-Dibromoethane	11.10	107	34081	21.156	ug/l	100
64) Tetrachloroethene	10.73	164	56958	21.104	ug/l	96
65) Chlorobenzene	11.53	112	116639	21.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	38707	21.128	ug/l	98
67) Ethyl Benzene	11.60	91	215329	21.197	ug/l	99
68) m/p-Xylenes	11.71	106	160670	42.229	ug/l	98
69) o-Xylene	12.04	106	76760	21.489	ug/l	99
70) Styrene	12.05	104	130971	21.133	ug/l	100
71) Bromoform	12.22	173	21111	21.190	ug/l #	98
73) Isopropylbenzene	12.34	105	202431	20.654	ug/l	99
74) N-amyl acetate	12.16	43	61502	22.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	26170	22.070	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	29172m	20.137	ug/l	
77) Bromobenzene	12.62	156	44413	20.597	ug/l	96
78) n-propylbenzene	12.68	91	253922	20.831	ug/l	99
79) 2-Chlorotoluene	12.77	91	139868	21.114	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	169073	20.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16196	21.745	ug/l	95
82) 4-Chlorotoluene	12.86	91	144943	20.876	ug/l	99
83) tert-Butylbenzene	13.08	119	140599	20.708	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	169959	20.998	ug/l	98
85) sec-Butylbenzene	13.27	105	213596	21.119	ug/l	99
86) p-Isopropyltoluene	13.38	119	182438	20.958	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87252	20.879	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87220	20.561	ug/l	99
89) n-Butylbenzene	13.70	91	188547	21.131	ug/l	98
90) Hexachloroethane	13.97	117	33467	20.176	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	79001	20.805	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6164	21.493	ug/l	93

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Quant Title : SW846 8260
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Response via : Initial Calibration

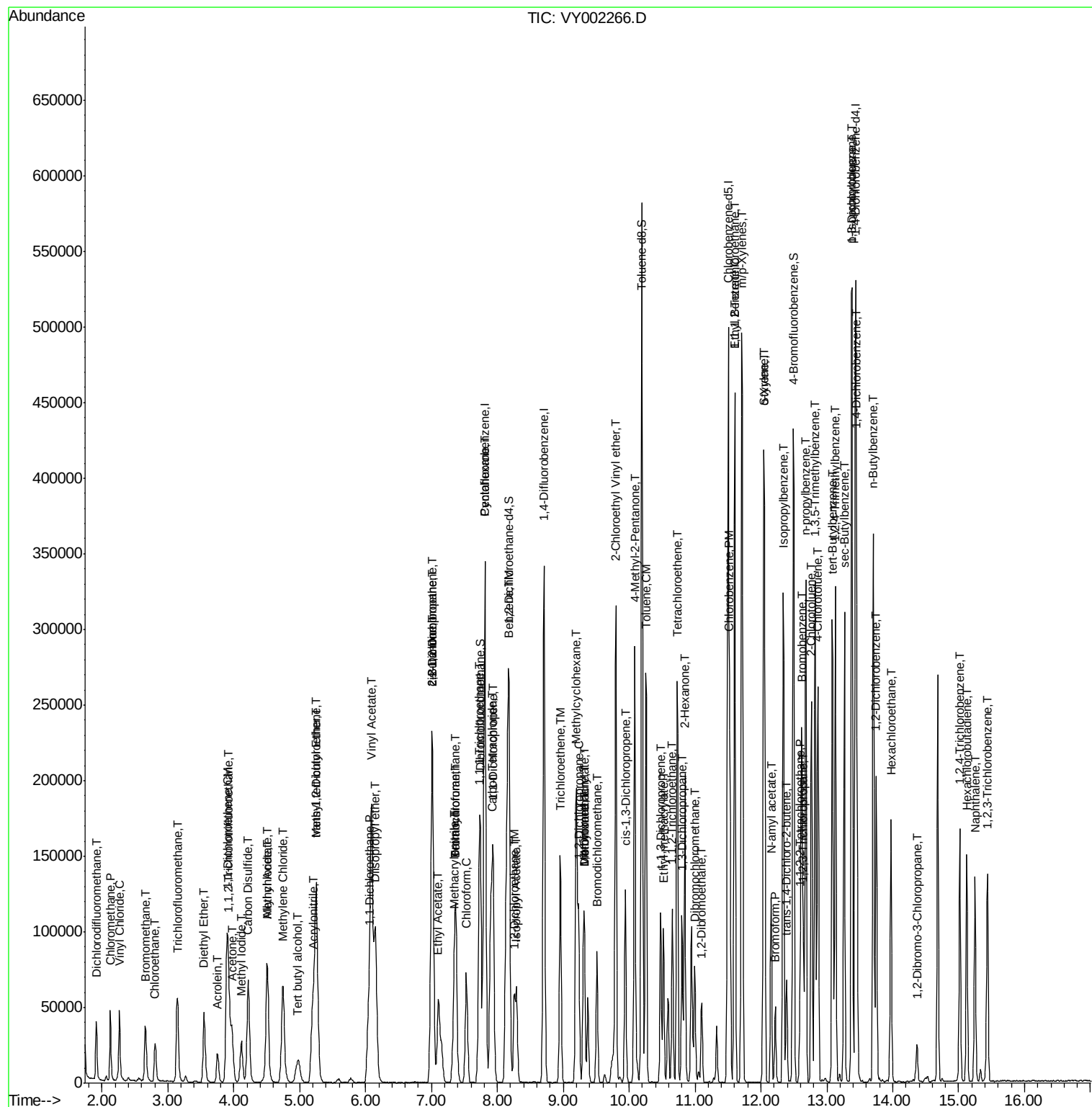
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	49726	20.035	ug/l	99
94) Hexachlorobutadiene	15.12	225	25810	20.646	ug/l	98
95) Naphthalene	15.25	128	113116	20.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	44009	20.420	ug/l	98

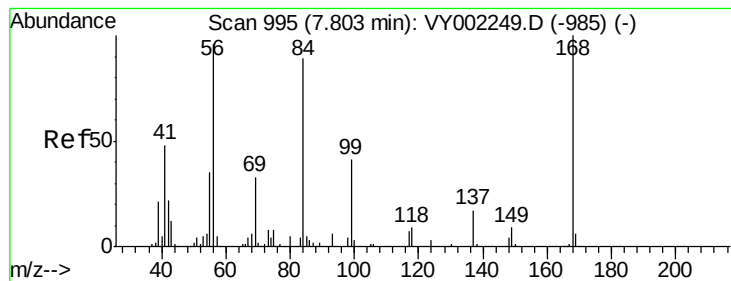
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

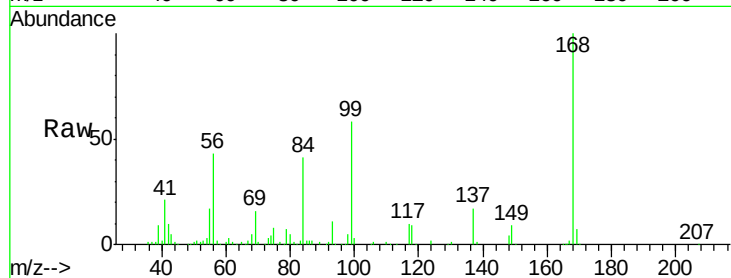
VY0409SBS01

Tot Ion:168 Resp: 164462

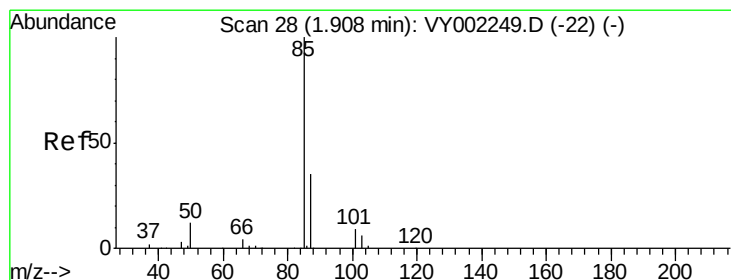
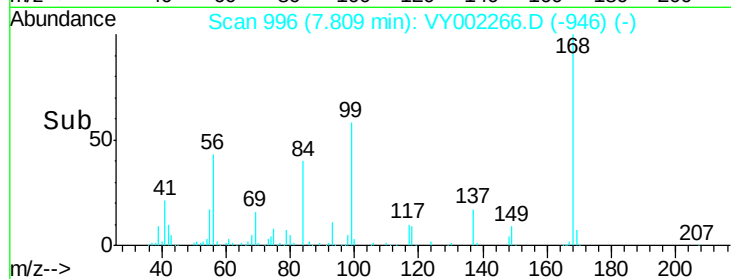
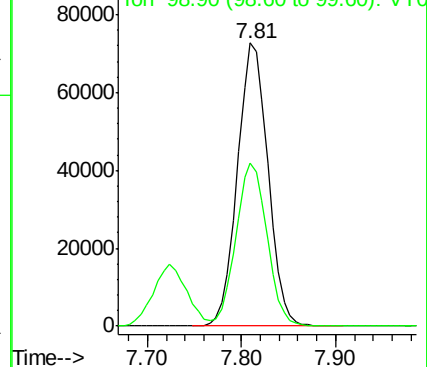
Ion Ratio Lower Upper

168 100

99 57.8 48.0 72.0



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



#2

Dichlorodifluoromethane

Concen: 19.194 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002266.D

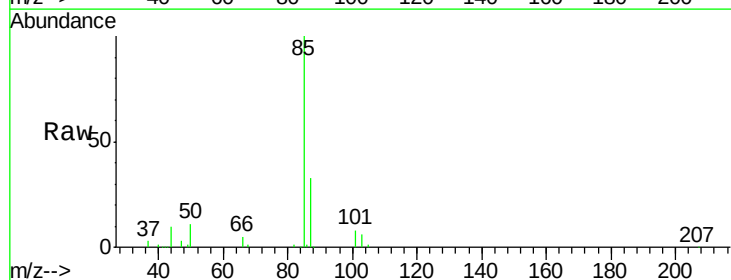
Acq: 09 Apr 2020 11:37

Tgt Ion: 85 Resp: 31904

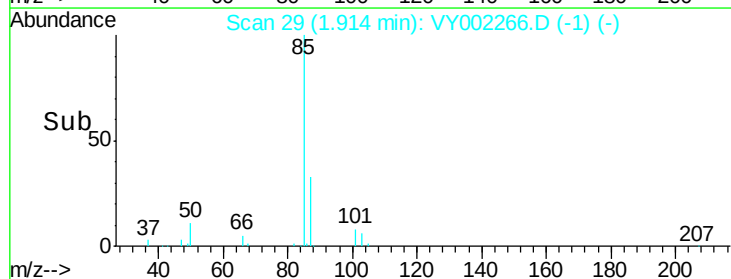
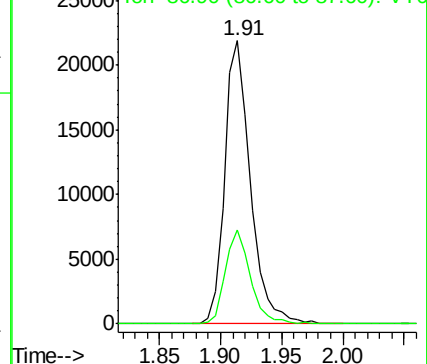
Ion Ratio Lower Upper

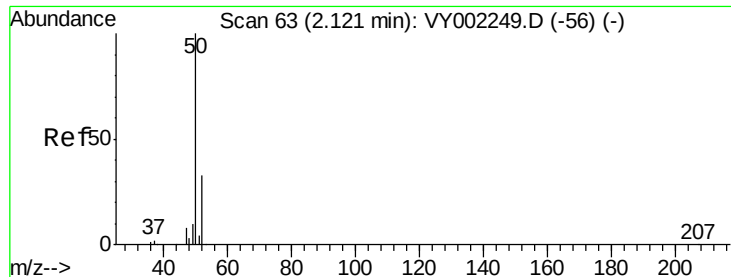
85 100

87 33.3 17.3 51.9



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





#3

Chloromethane

Concen: 20.026 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

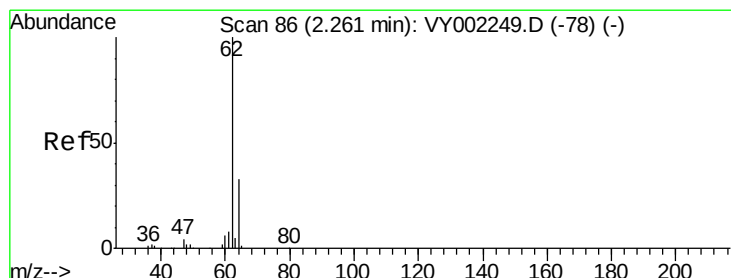
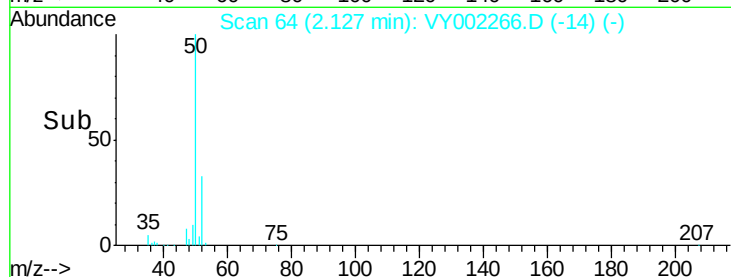
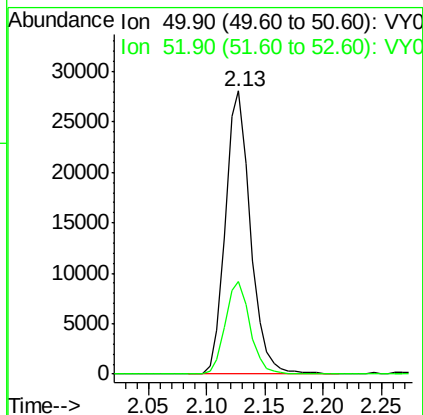
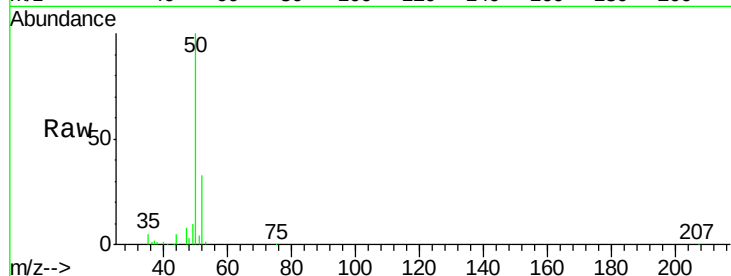
VY0409SBS01

Tot Ion: 50 Resp: 41893

Ion Ratio Lower Upper

50 100

52 32.7 26.6 39.8



#4

Vinyl Chloride

Concen: 20.220 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002266.D

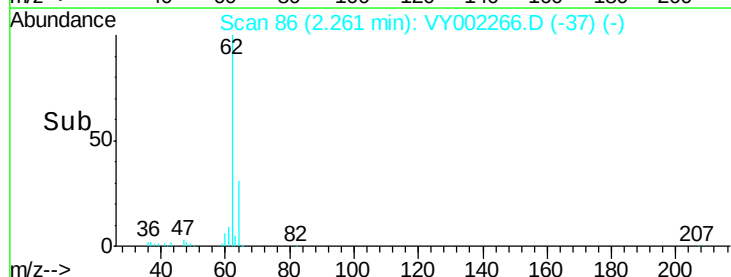
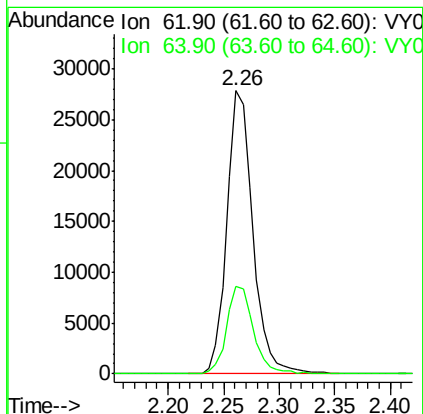
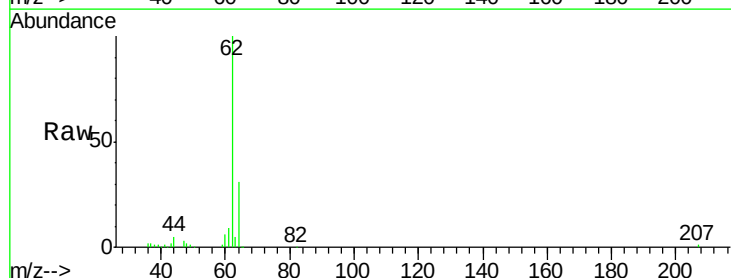
Acq: 09 Apr 2020 11:37

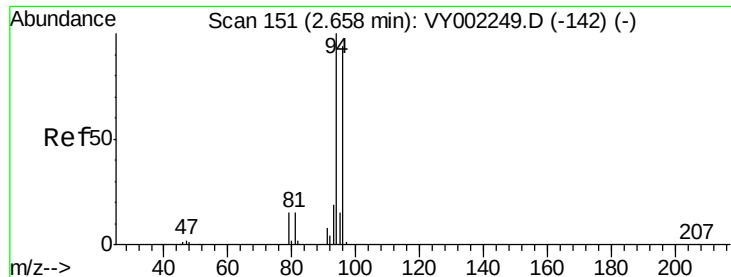
Tgt Ion: 62 Resp: 45021

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2





#5

Bromomethane

Concen: 20.031 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

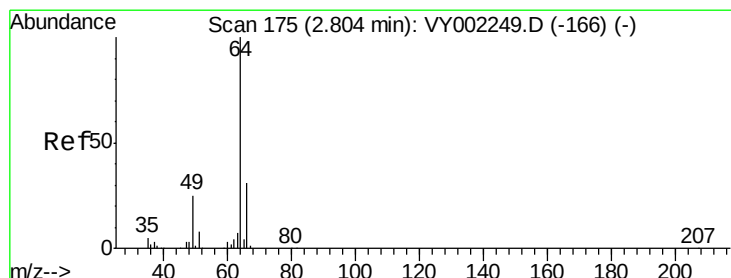
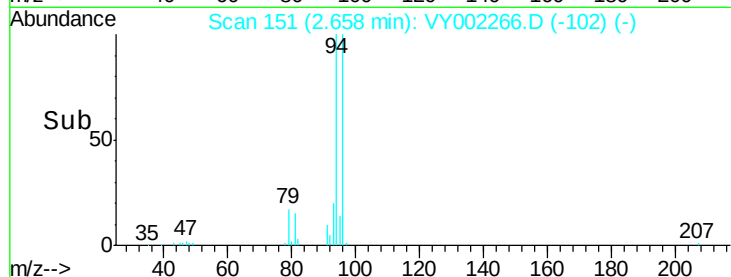
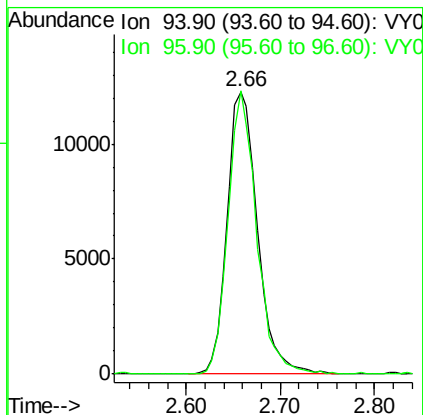
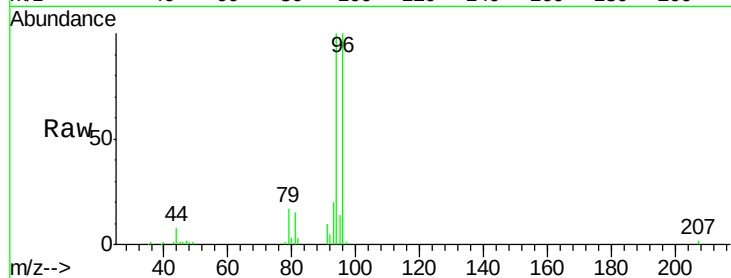
VY0409SBS01

Tot Ion: 94 Resp: 27542

Ion Ratio Lower Upper

94 100

96 100.2 75.6 113.4



#6

Chloroethane

Concen: 20.053 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002266.D

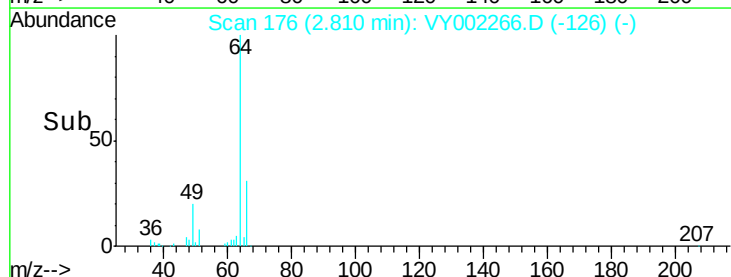
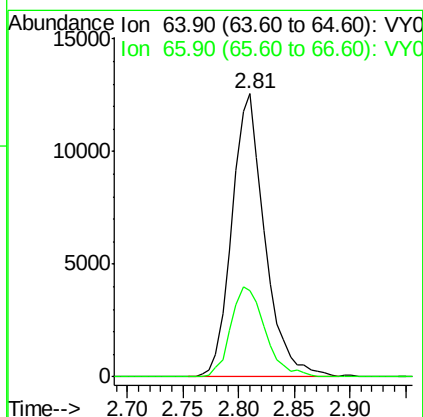
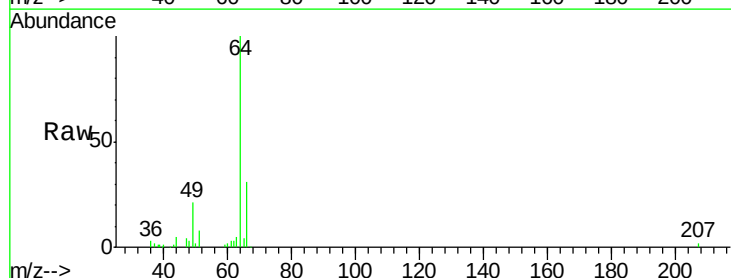
Acq: 09 Apr 2020 11:37

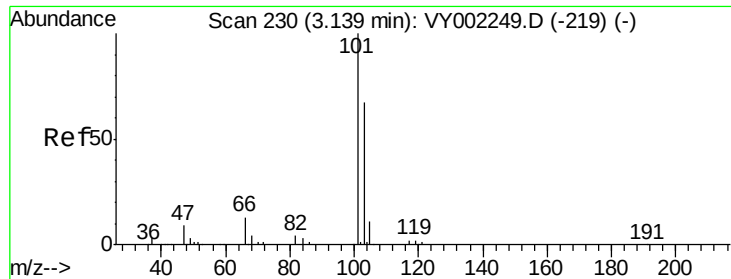
Tgt Ion: 64 Resp: 25751

Ion Ratio Lower Upper

64 100

66 30.6 24.6 37.0



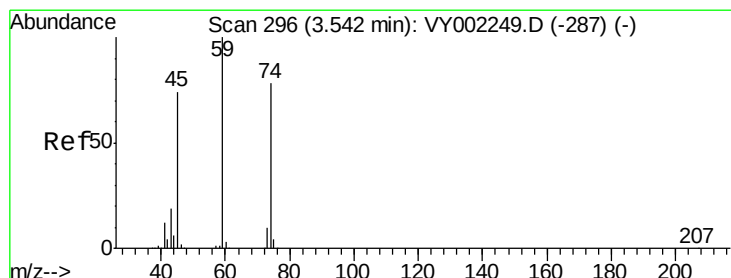
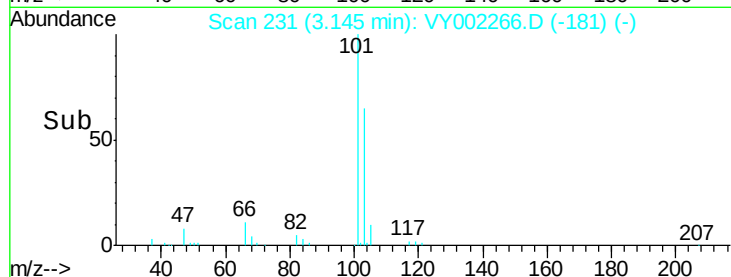
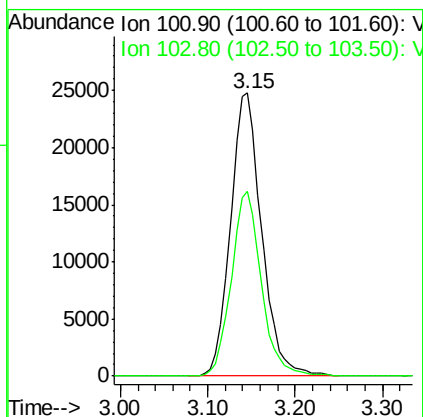
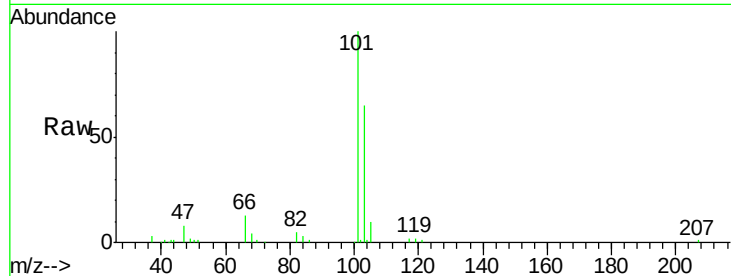


#7

Trichlorofluoromethane
 Concen: 21.298 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_Y
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 VY0409SBS01

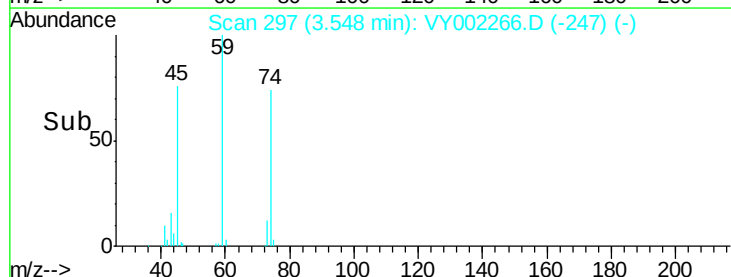
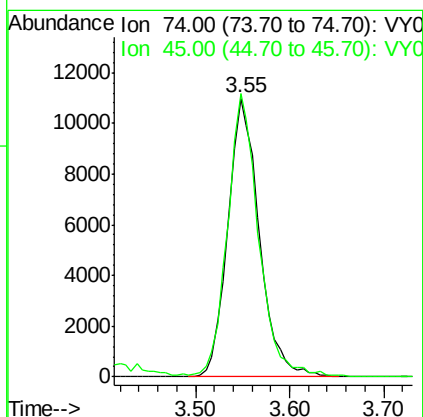
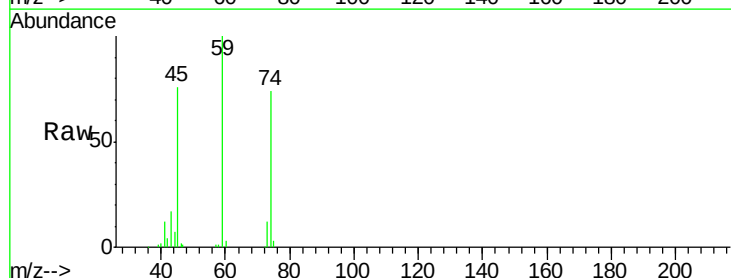
Tot Ion:101 Resp: 61243
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.3 79.9

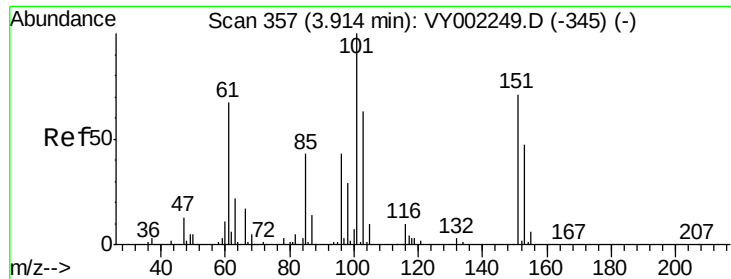


#8

Diethyl Ether
 Concen: 20.826 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 74 Resp: 25458
 Ion Ratio Lower Upper
 74 100
 45 101.3 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.998 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

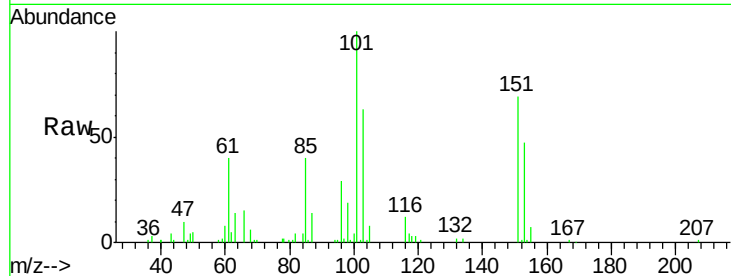
Tot Ion:101 Resp: 41015

Ion Ratio Lower Upper

101 100

85 43.9 34.6 52.0

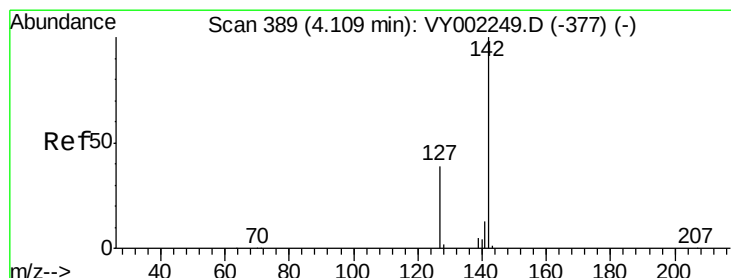
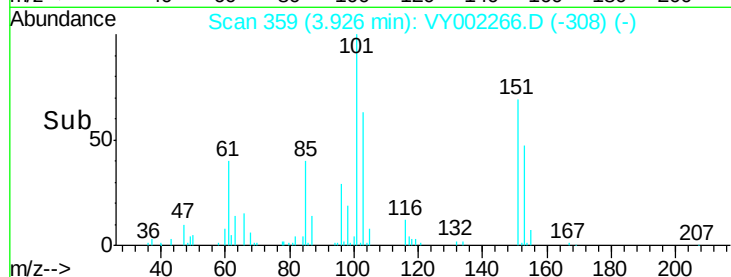
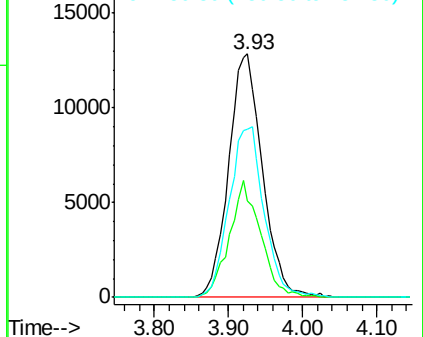
151 72.3 57.6 86.4



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: 19.647 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

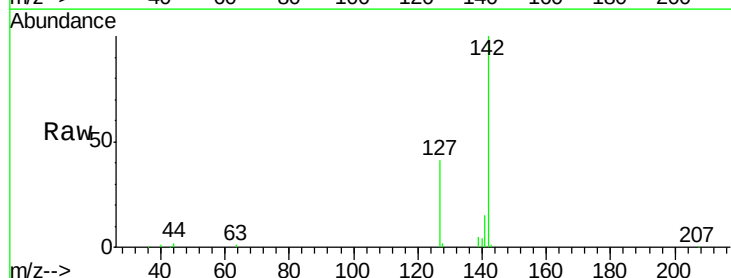
Tgt Ion:142 Resp: 44608

Ion Ratio Lower Upper

142 100

127 41.1 32.4 48.6

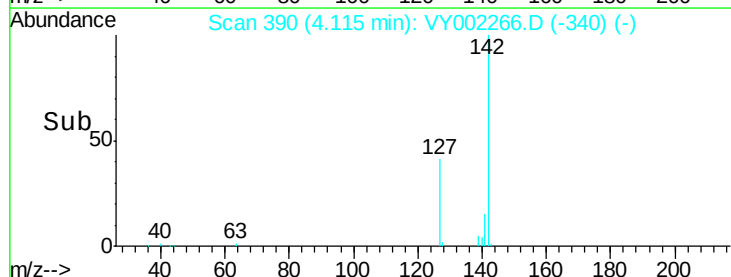
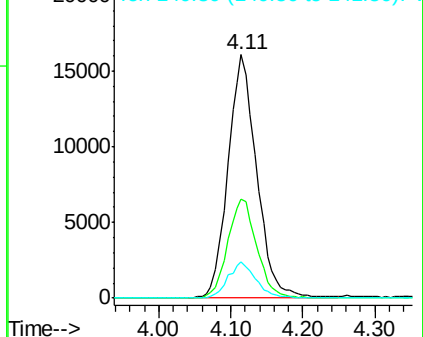
141 14.3 11.2 16.8

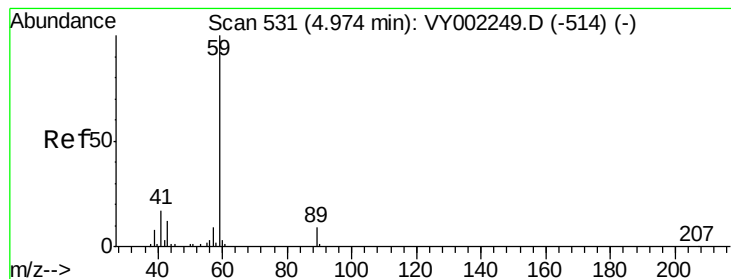


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



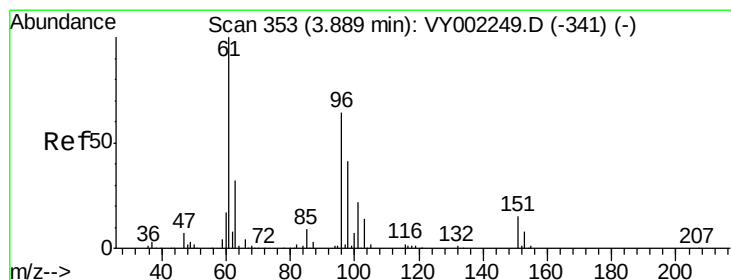
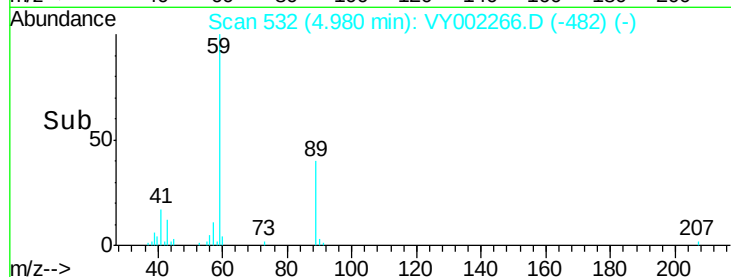
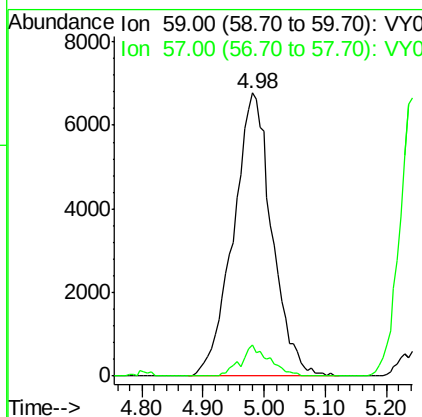
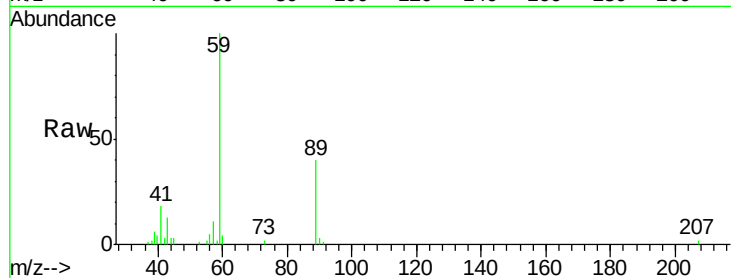


#11

Tert butyl alcohol
 Concen: 137.121 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

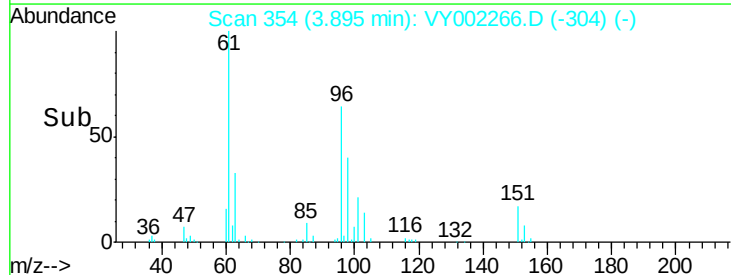
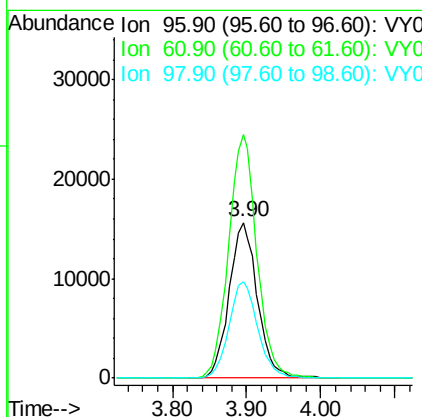
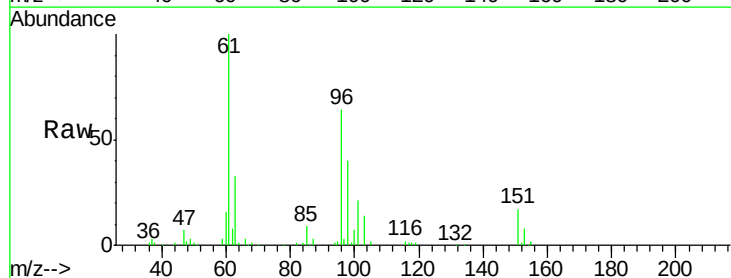
Tot Ion: 59 Resp: 29661
 Ion Ratio Lower Upper
 59 100
 57 8.2 6.6 9.8

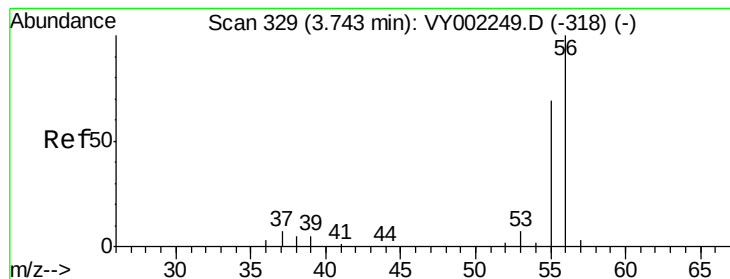


#12

1,1-Dichloroethene
 Concen: 20.992 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 96 Resp: 41687
 Ion Ratio Lower Upper
 96 100
 61 156.6 125.9 188.9
 98 62.2 51.1 76.7





#13

Acrolein

Concen: 99.115 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

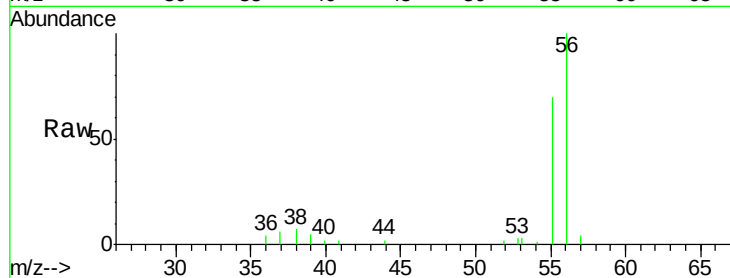
VY0409SBS01

Tot Ion: 56 Resp: 23373

Ion Ratio Lower Upper

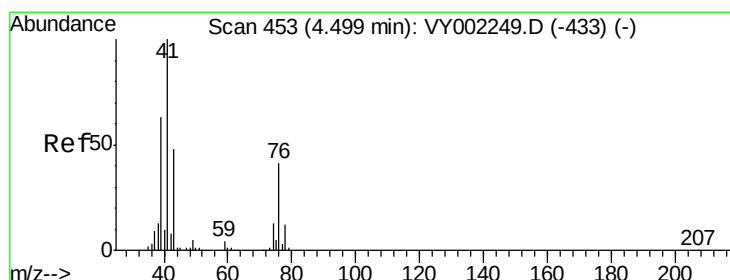
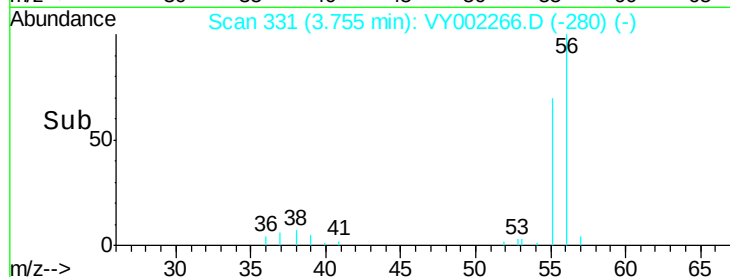
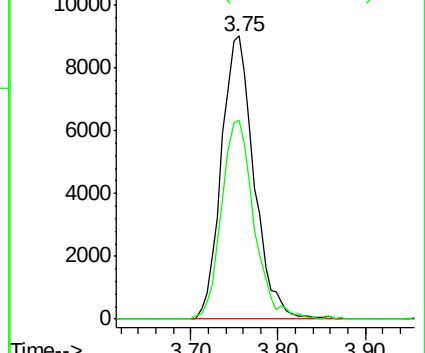
56 100

55 69.7 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.323 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

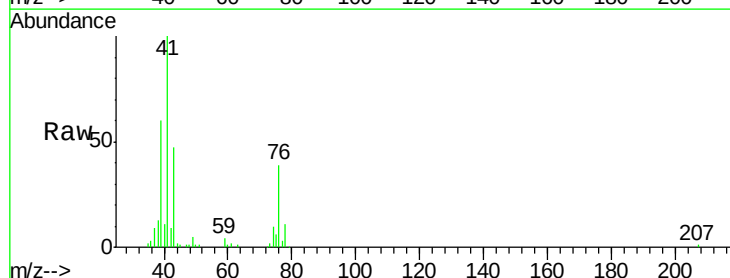
Tgt Ion: 41 Resp: 71584

Ion Ratio Lower Upper

41 100

39 59.3 48.0 72.0

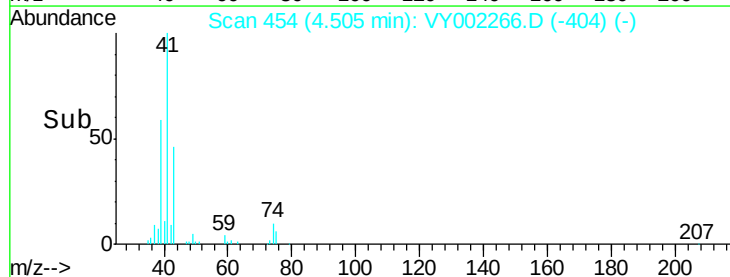
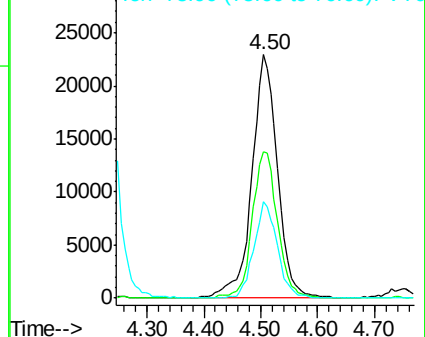
76 36.0 31.0 46.6

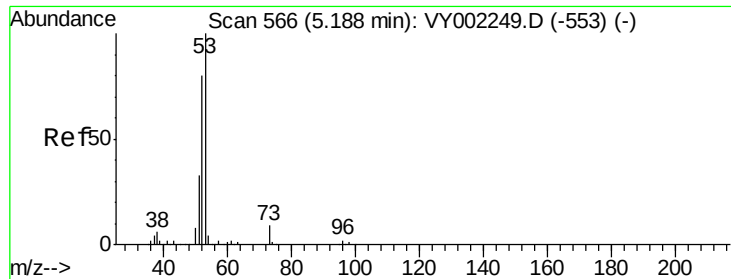


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 108.190 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

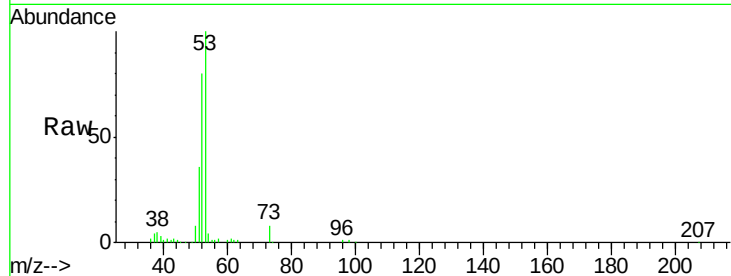
Tot Ion: 53 Resp: 67633

Ion Ratio Lower Upper

53 100

52 81.0 65.1 97.7

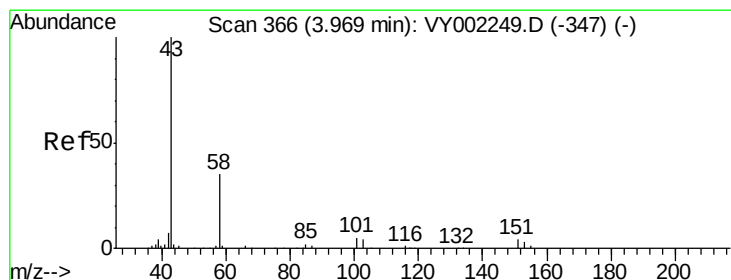
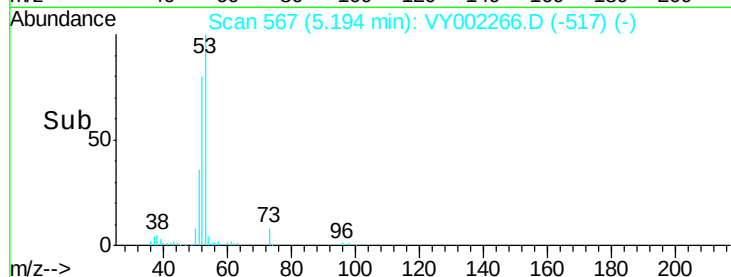
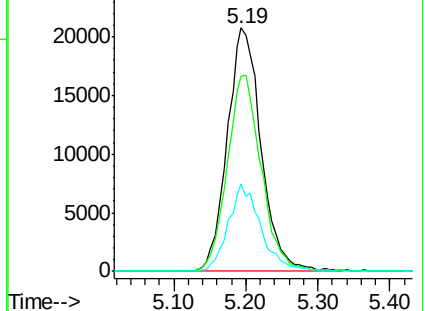
51 34.7 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 111.218 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002266.D

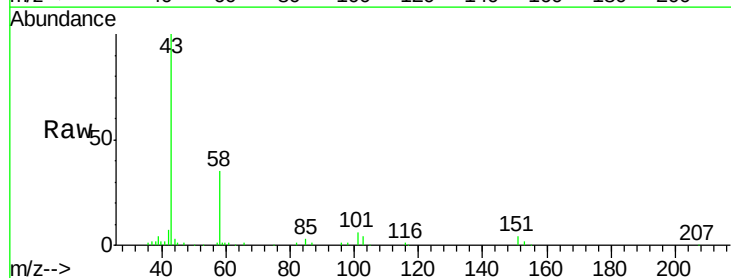
Acq: 09 Apr 2020 11:37

Tgt Ion: 43 Resp: 53575

Ion Ratio Lower Upper

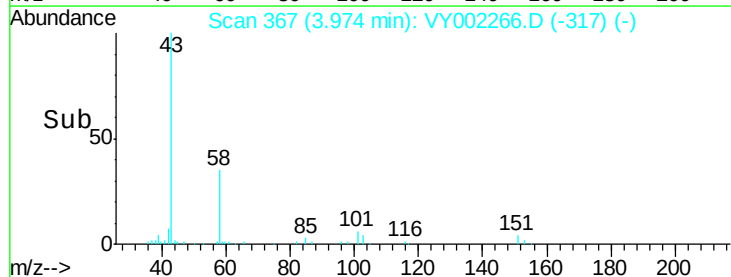
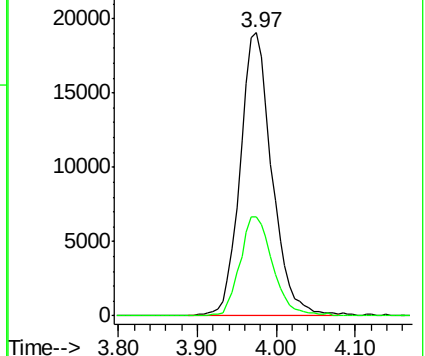
43 100

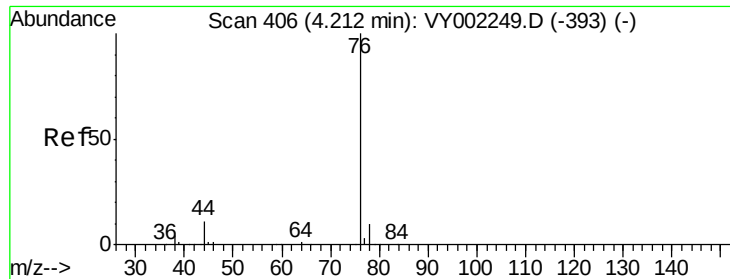
58 34.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.862 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

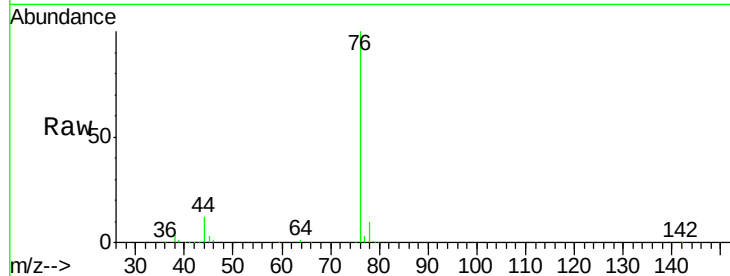
VY0409SBS01

Tot Ion: 76 Resp: 137587

Ion Ratio Lower Upper

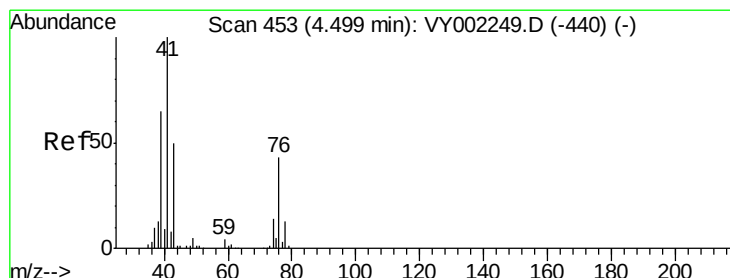
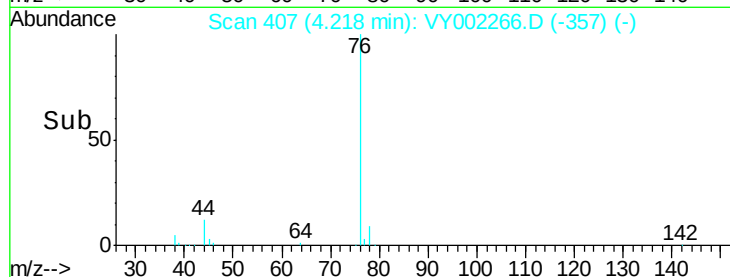
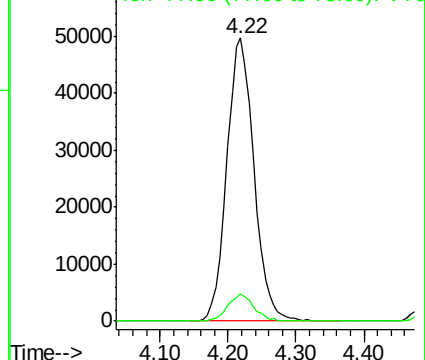
76 100

78 9.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.749 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002266.D

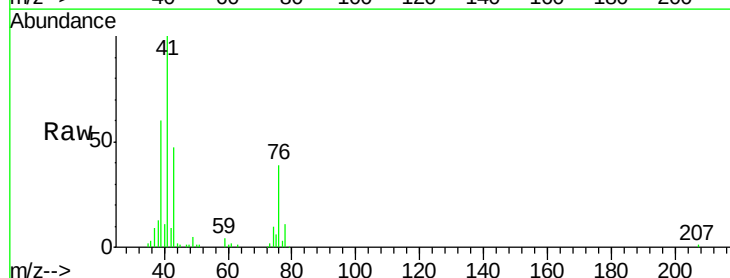
Acq: 09 Apr 2020 11:37

Tgt Ion: 43 Resp: 33991

Ion Ratio Lower Upper

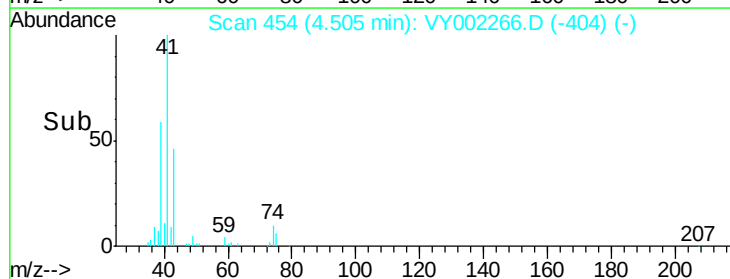
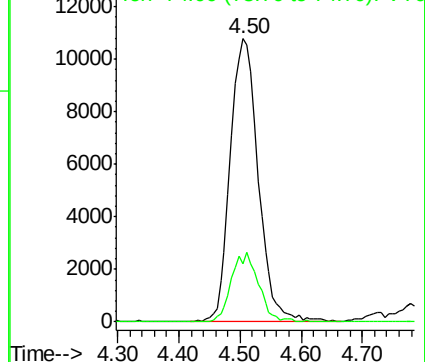
43 100

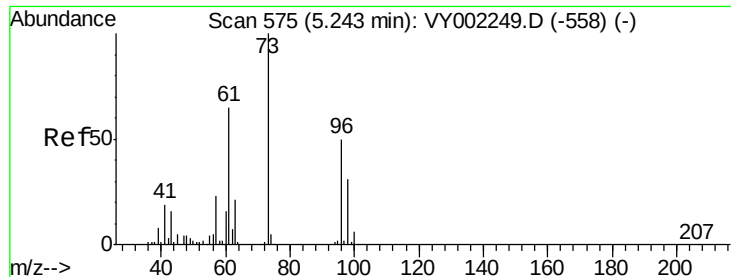
74 23.6 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



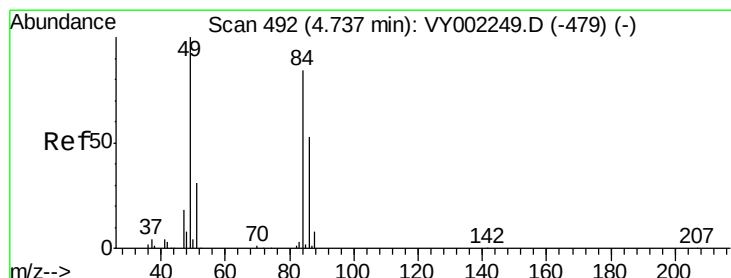
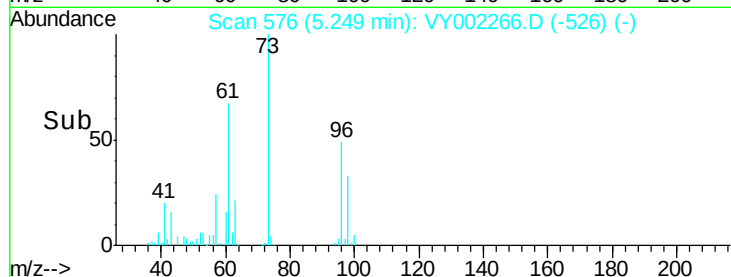
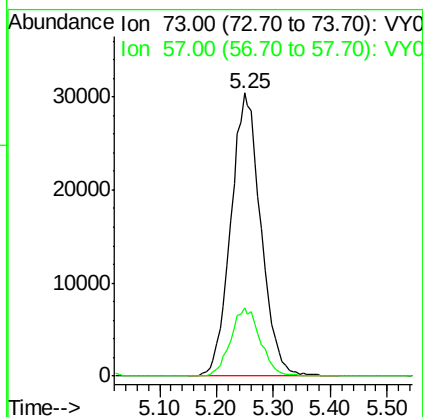
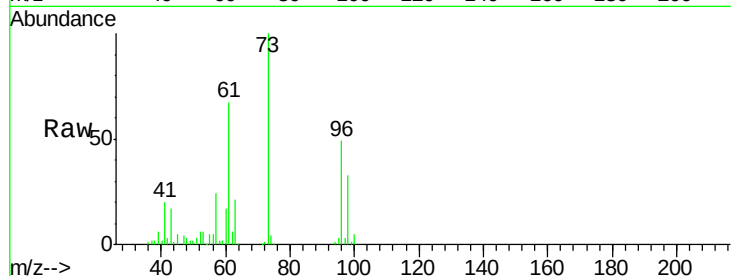


#19

Methyl tert-butyl Ether
 Concen: 21.373 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

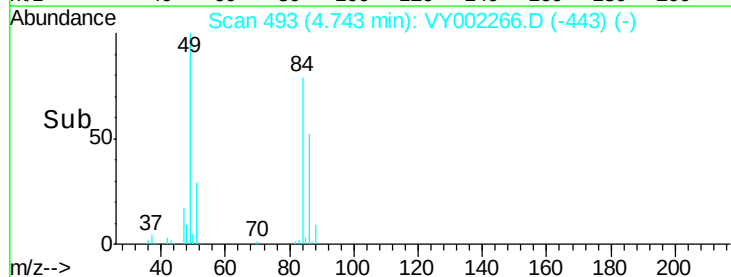
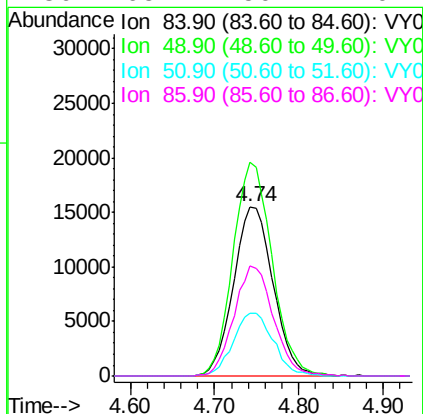
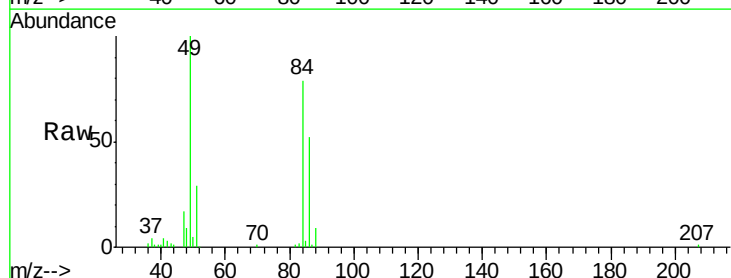
Tot Ion: 73 Resp: 111584
 Ion Ratio Lower Upper
 73 100
 57 24.3 18.7 28.1

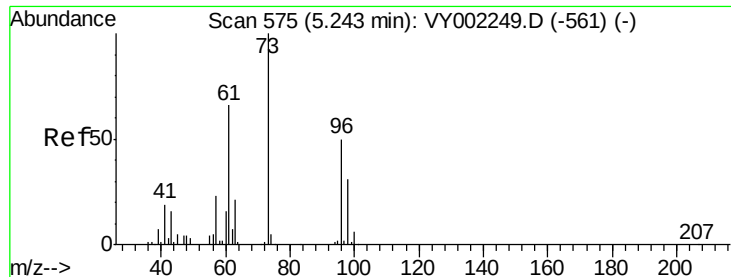


#20

Methylene Chloride
 Concen: 20.884 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 84 Resp: 49446
 Ion Ratio Lower Upper
 84 100
 49 126.3 95.5 143.3
 51 36.8 29.5 44.3
 86 65.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.818 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

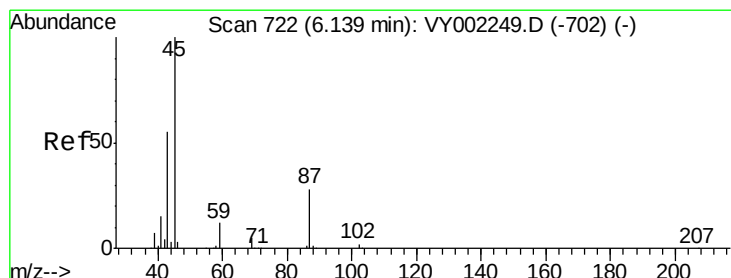
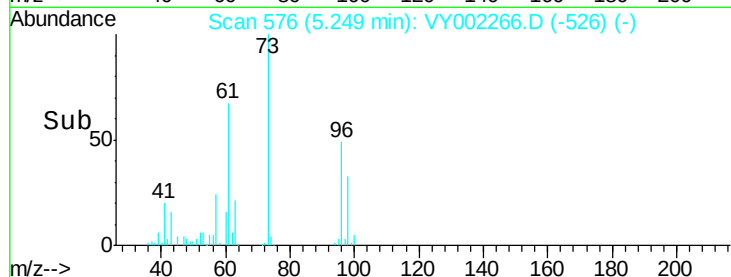
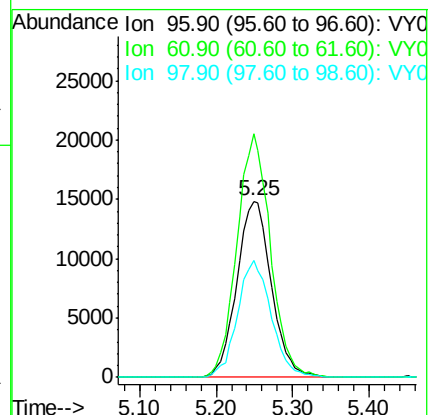
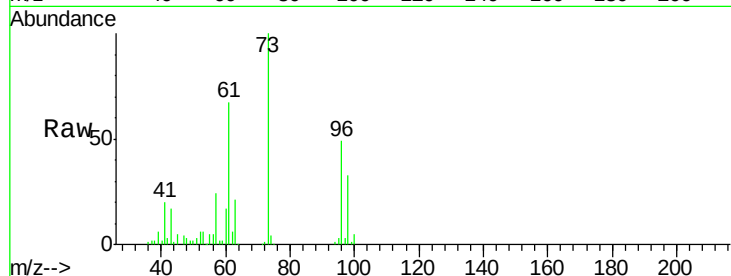
Tot Ion: 96 Resp: 46403

Ion Ratio Lower Upper

96 100

61 138.5 104.6 157.0

98 66.9 50.1 75.1



#22

Diisopropyl ether

Concen: 22.034 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Tgt Ion: 45 Resp: 142198

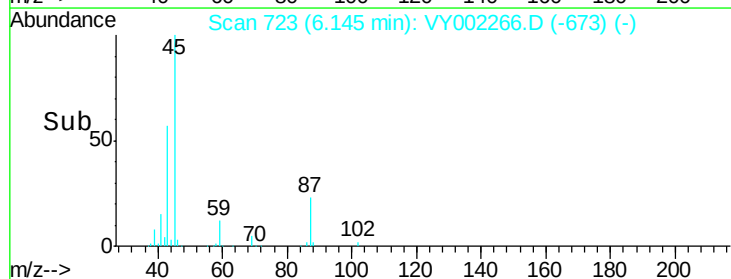
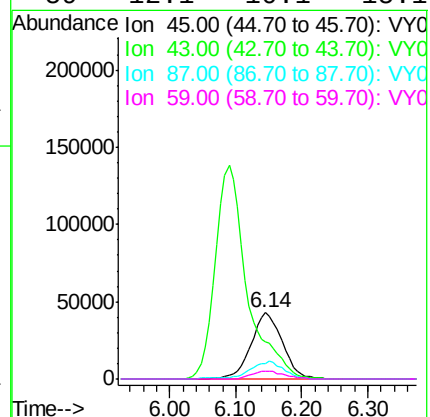
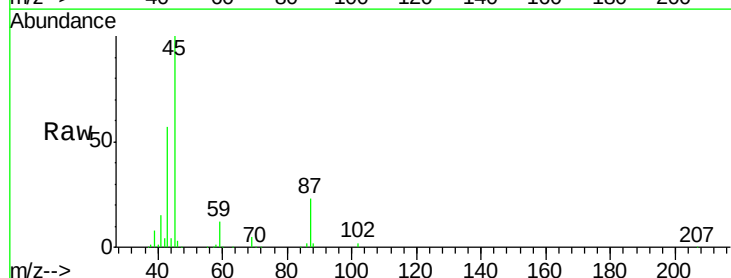
Ion Ratio Lower Upper

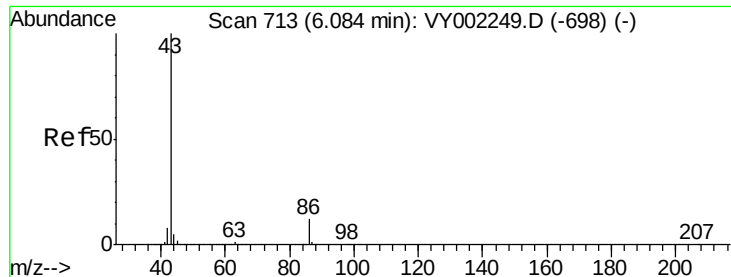
45 100

43 56.3 44.7 67.1

87 23.5 23.0 34.4

59 12.1 10.1 15.1





#23

Vinyl Acetate

Concen: 112.302 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

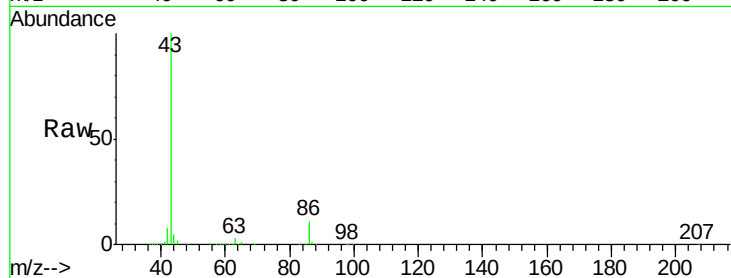
VY0409SBS01

Tot Ion: 43 Resp: 461846

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

6.09

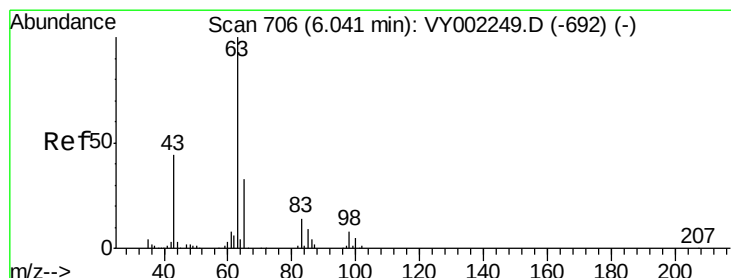
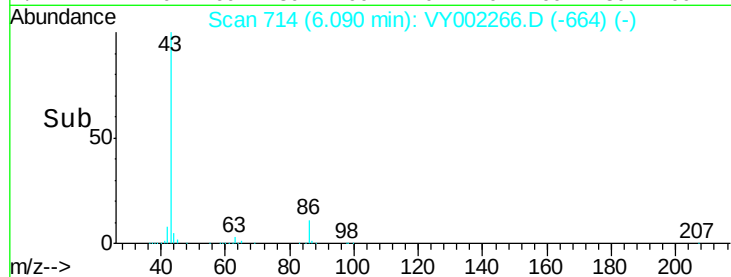
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.131 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

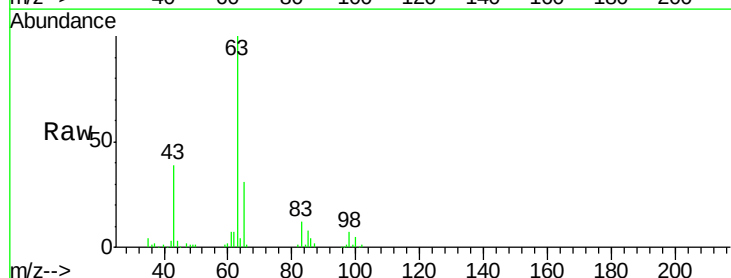
Tgt Ion: 63 Resp: 77565

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

100 5.1 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

6.05

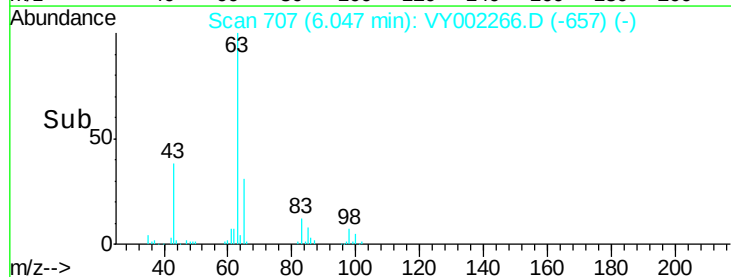
30000

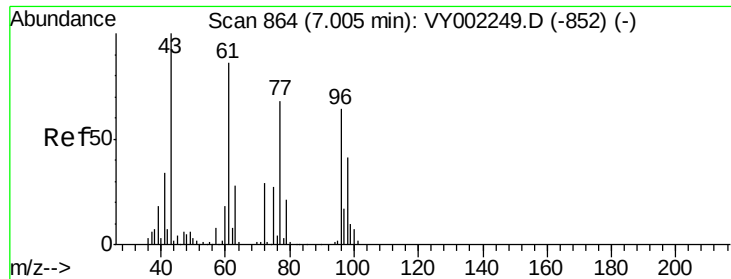
20000

10000

0

Time-->





#25

2-Butanone

Concen: 113.869 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

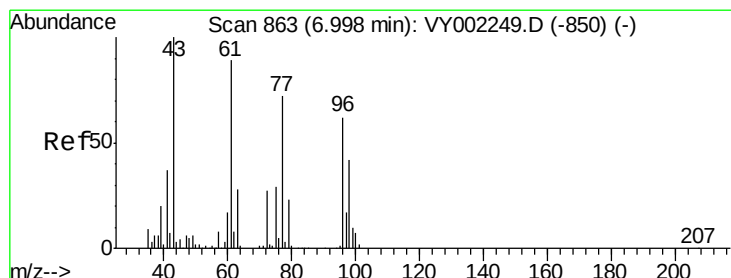
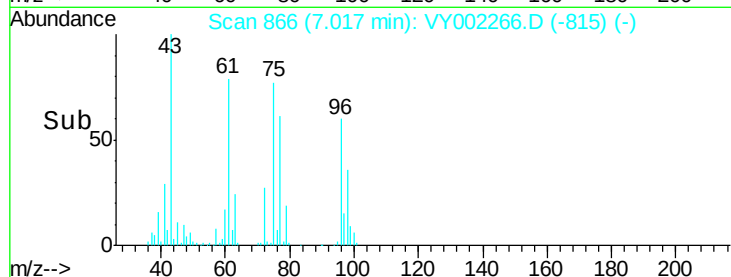
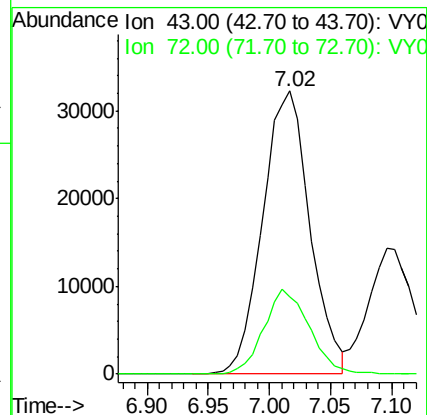
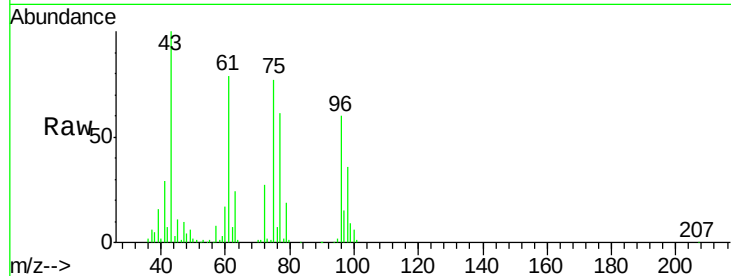
VY0409SBS01

Tot Ion: 43 Resp: 86806

Ion Ratio Lower Upper

43 100

72 27.5 23.2 34.8



#26

2,2-Dichloropropane

Concen: 21.720 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002266.D

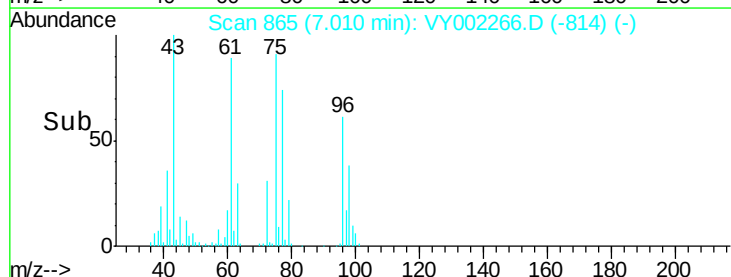
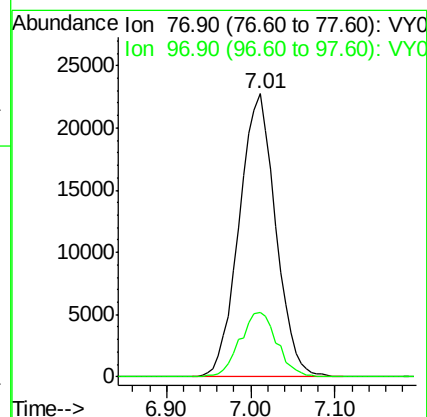
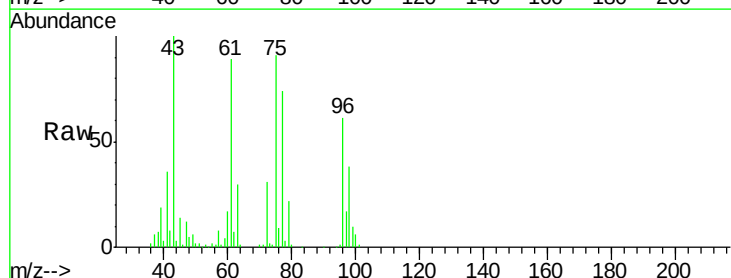
Acq: 09 Apr 2020 11:37

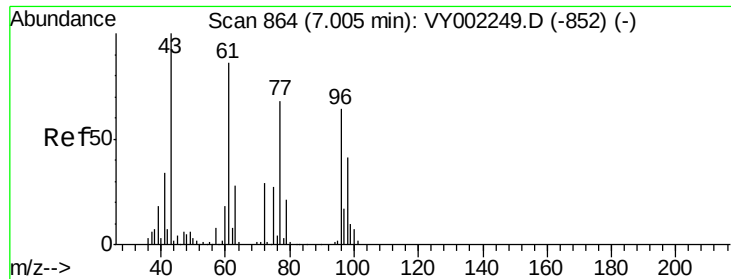
Tgt Ion: 77 Resp: 66692

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.6



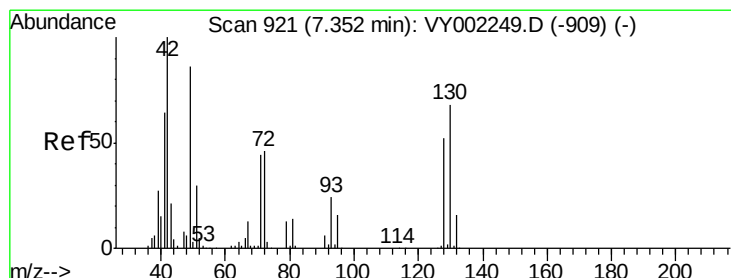
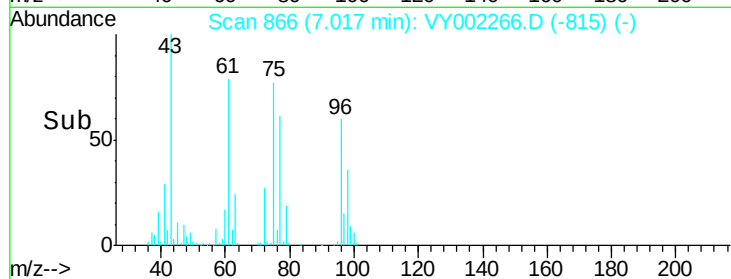
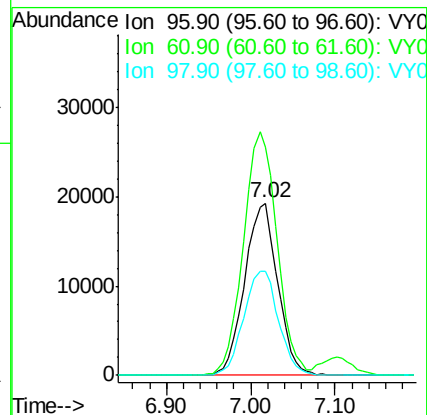
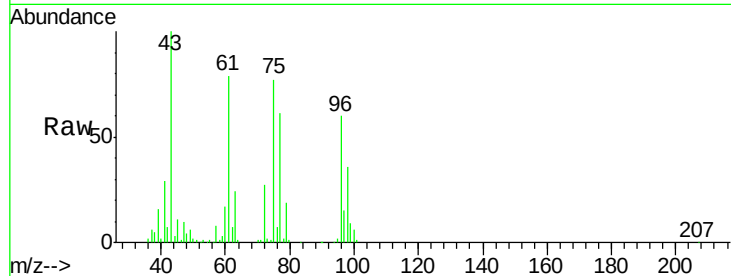


#27

cis-1,2-Dichloroethene
 Concen: 21.067 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

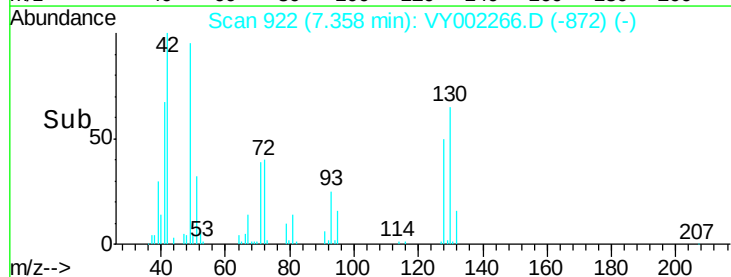
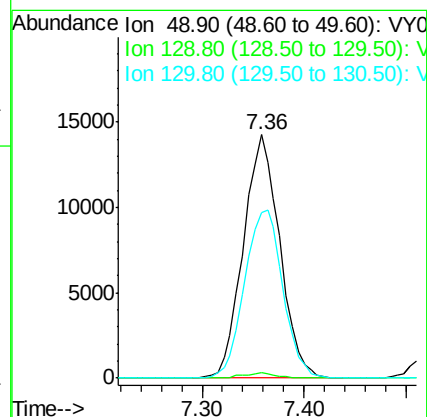
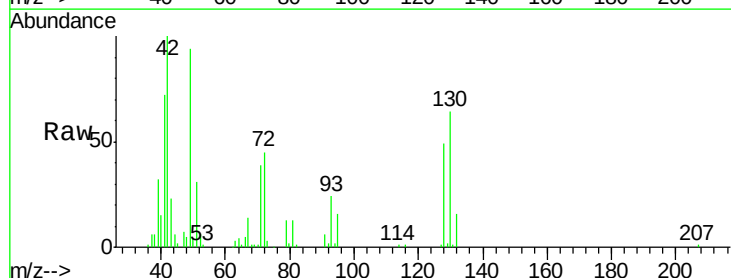
Tot Ion: 96 Resp: 51189
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 278.0
 98 63.6 0.0 128.6

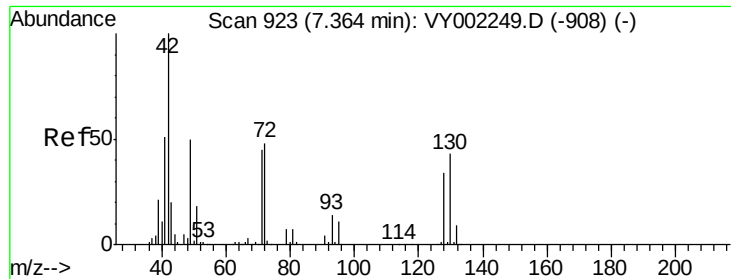


#28

Bromochloromethane
 Concen: 22.296 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 49 Resp: 35330
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 72.5 60.9 91.3

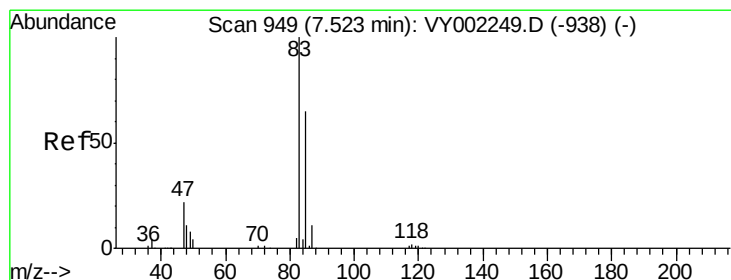
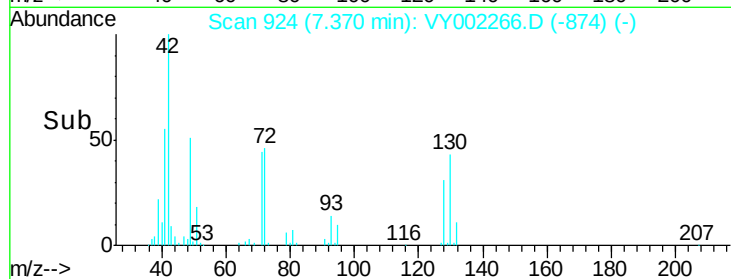
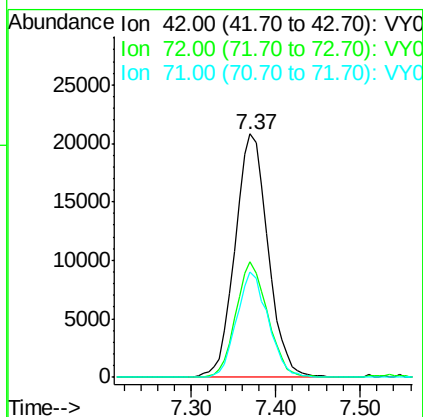
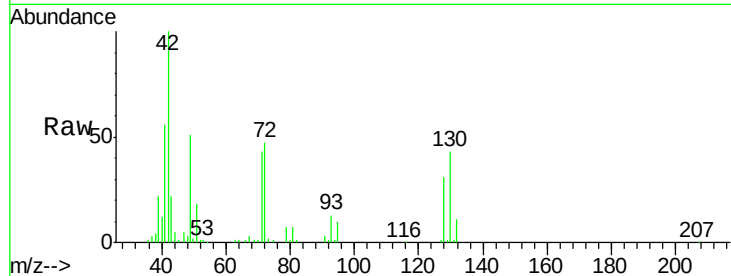




#29
Tetrahydrofuran
Concen: 109.115 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

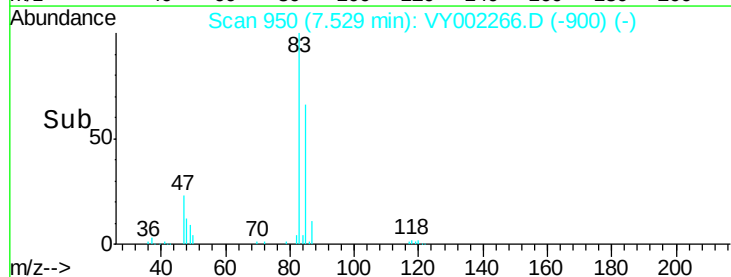
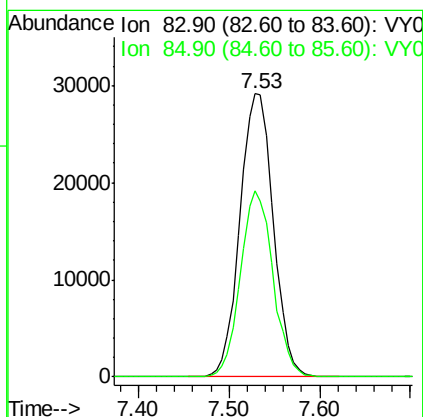
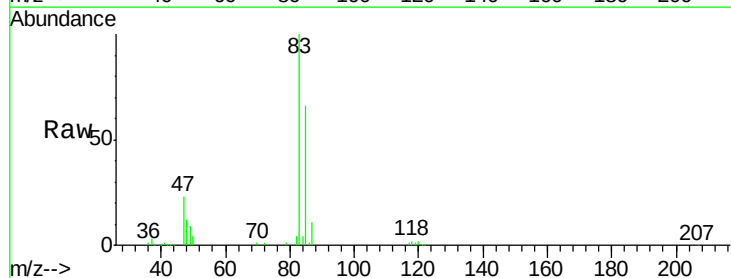
Instrument :
MSVOA_Y
ClientSampled :
VY0409SBS01

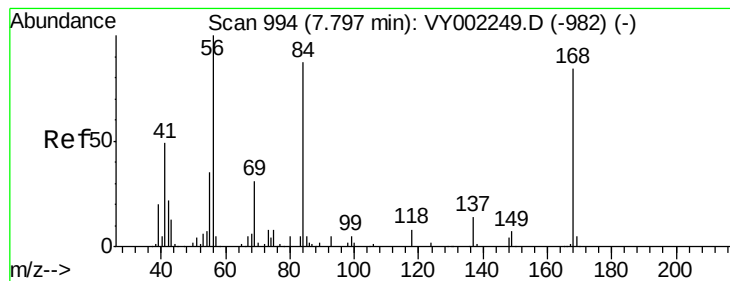
Tot Ion: 42 Resp: 54985
Ion Ratio Lower Upper
42 100
72 45.6 36.7 55.1
71 41.2 34.7 52.1



#30
Chloroform
Concen: 21.455 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 83 Resp: 74238
Ion Ratio Lower Upper
83 100
85 65.9 52.0 78.0





#31

Cyclohexane

Concen: 21.208 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

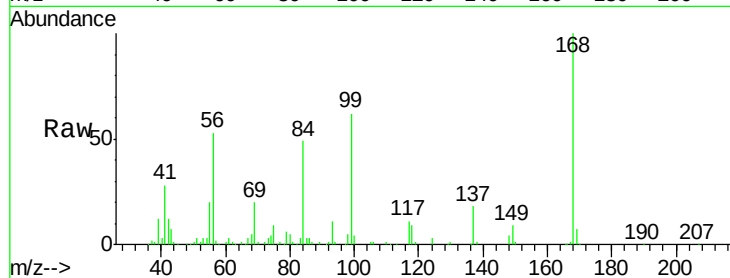
Tot Ion: 56 Resp: 81714

Ion Ratio Lower Upper

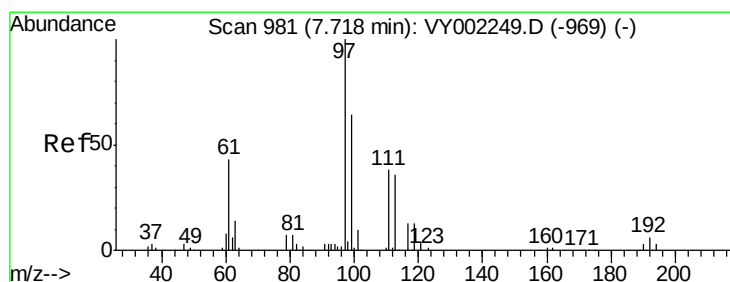
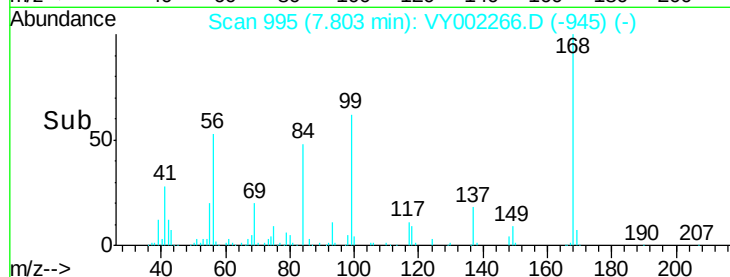
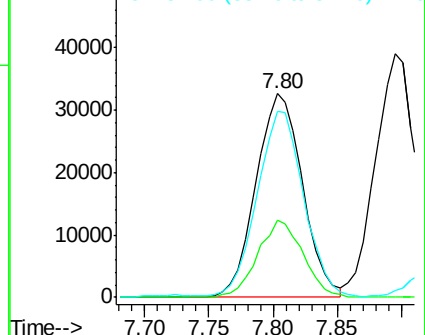
56 100

69 37.8 25.0 37.6#

84 90.5 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.621 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

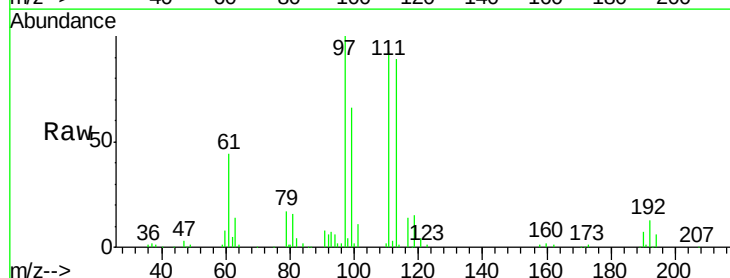
Tgt Ion: 97 Resp: 62268

Ion Ratio Lower Upper

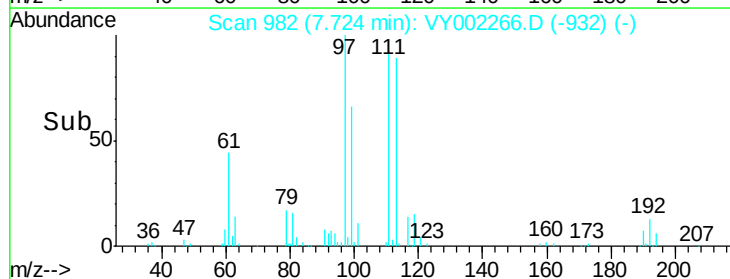
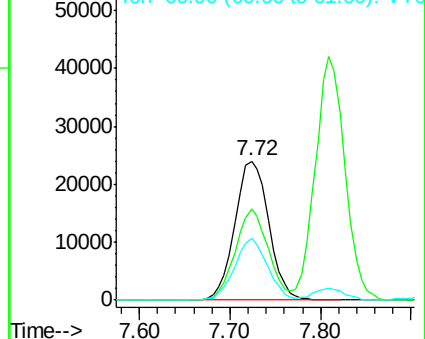
97 100

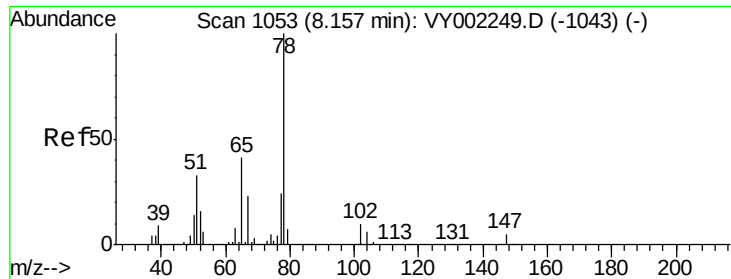
99 63.8 51.3 76.9

61 43.3 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

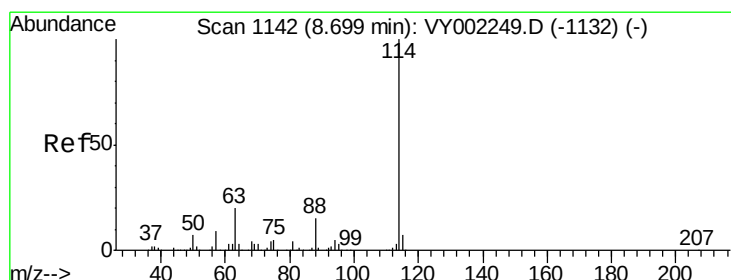
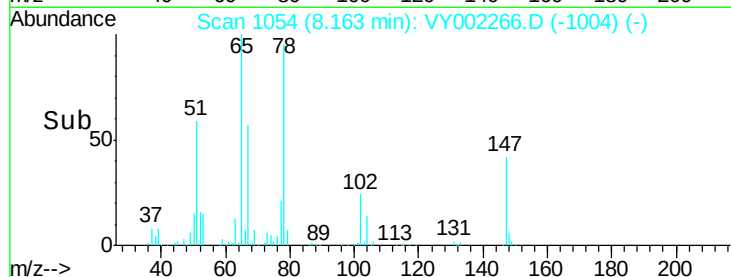
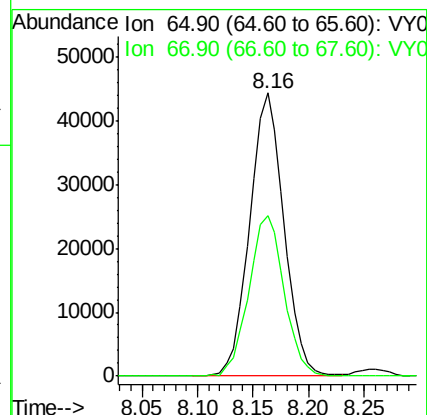
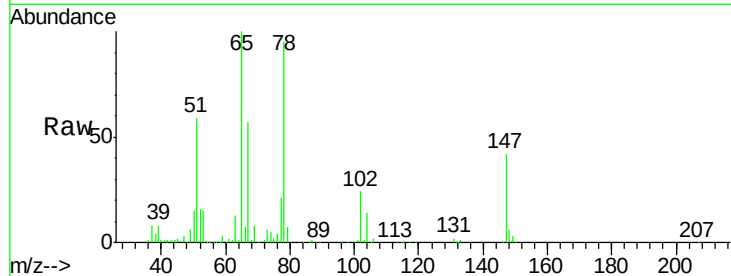




#33
 1,2-Dichloroethane-d4
 Concen: 51.792 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

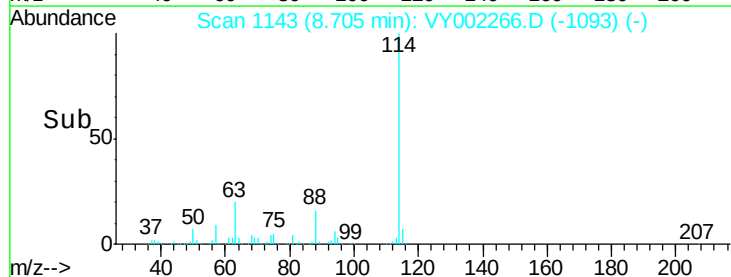
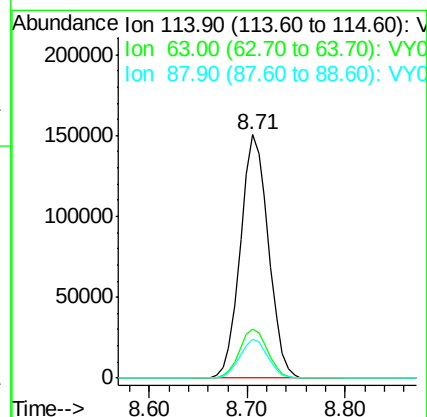
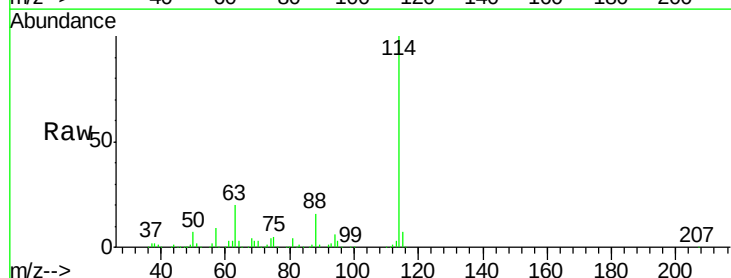
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBSD01

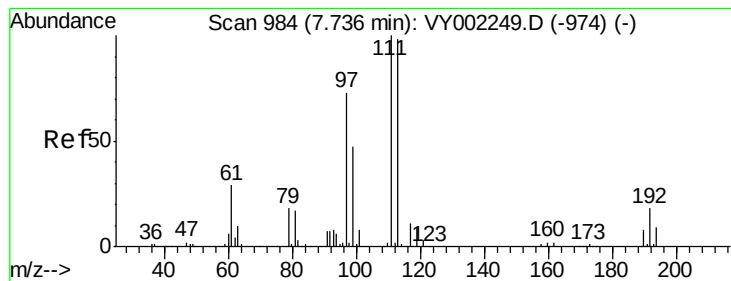
Tot Ion: 65 Resp: 94724
 Ion Ratio Lower Upper
 65 100
 67 58.4 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 114 Resp: 298128
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.682 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

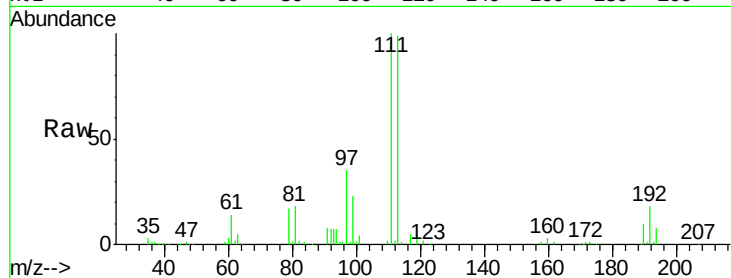
Tot Ion:113 Resp: 91681

Ion Ratio Lower Upper

113 100

111 102.4 83.5 125.3

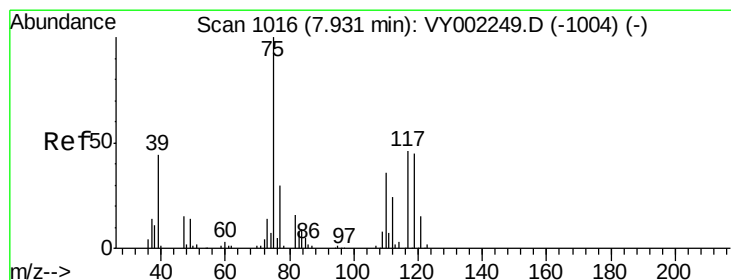
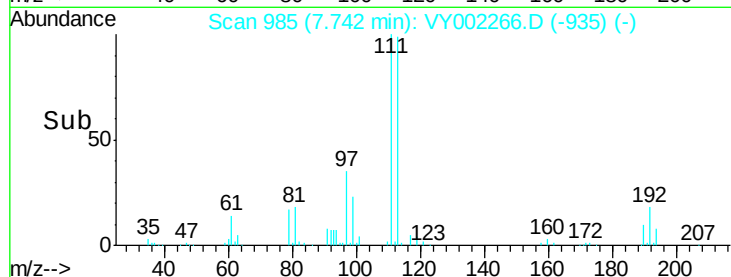
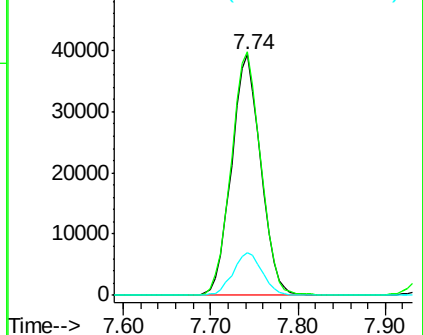
192 17.6 14.7 22.1



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: 21.158 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

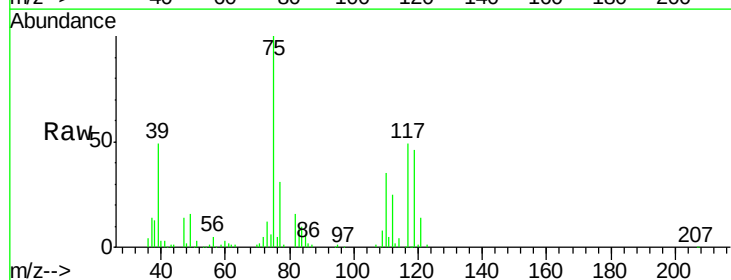
Tgt Ion: 75 Resp: 62132

Ion Ratio Lower Upper

75 100

110 35.3 17.8 53.3

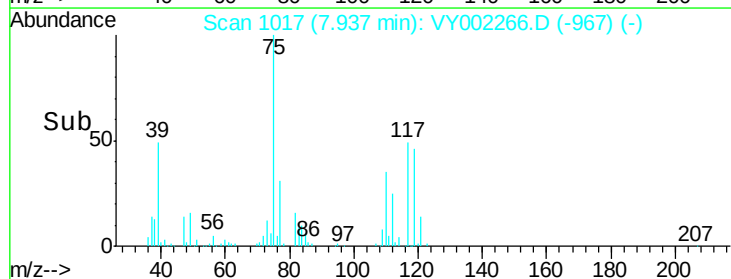
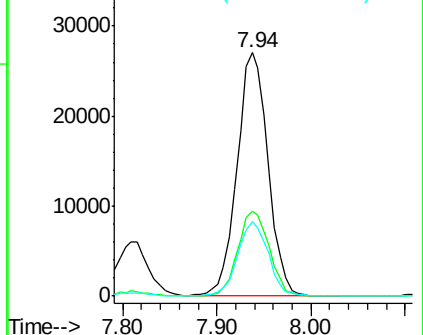
77 30.6 24.4 36.6

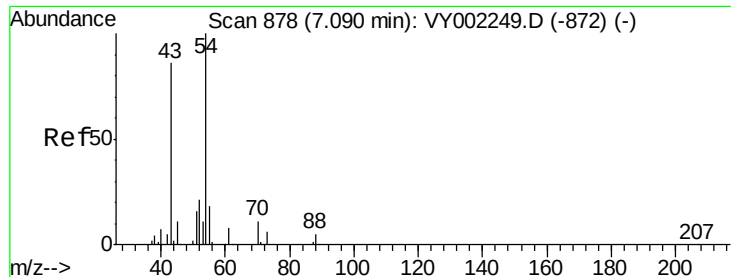


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

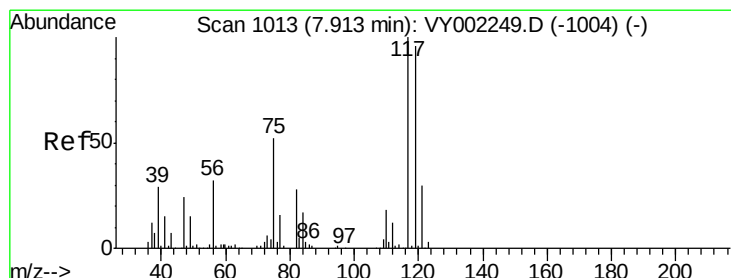
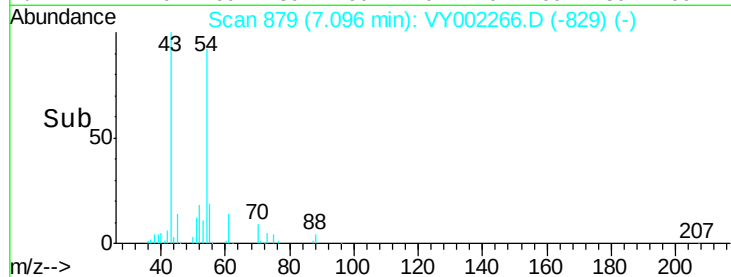
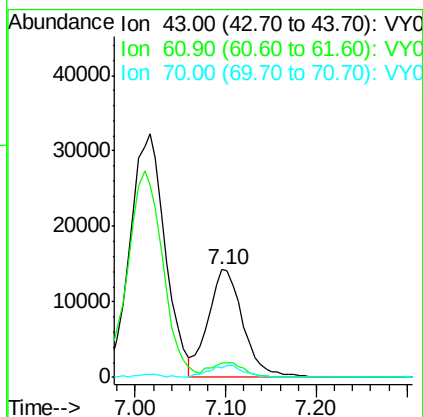
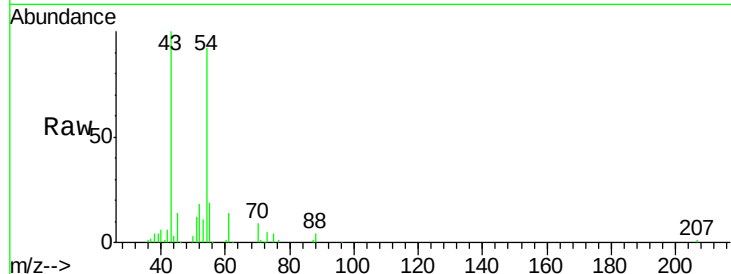




#37
Ethyl Acetate
Concen: 23.019 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

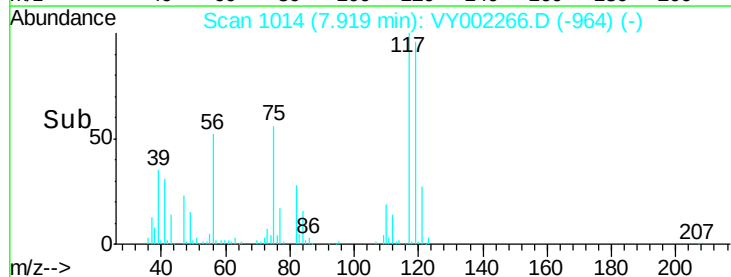
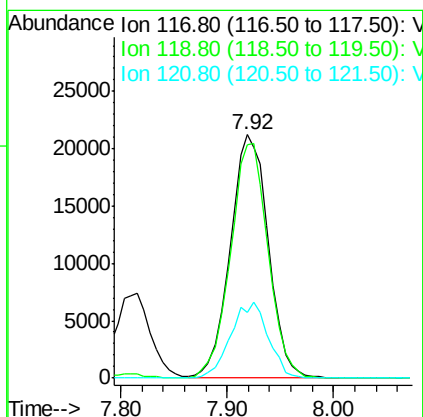
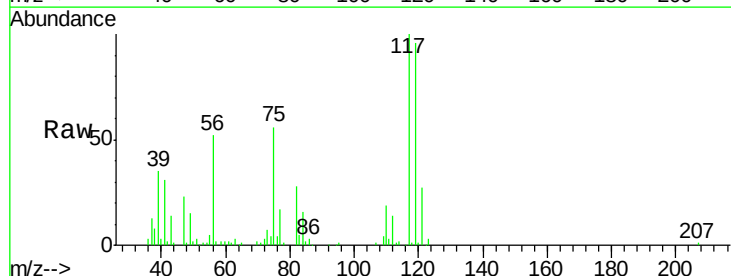
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

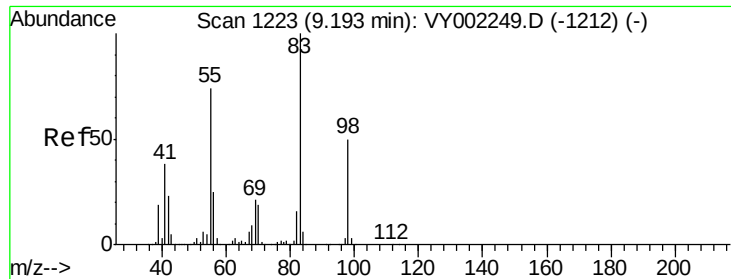
Tot Ion: 43 Resp: 38616
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 10.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.180 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 117 Resp: 53199
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
121 27.2 23.9 35.9

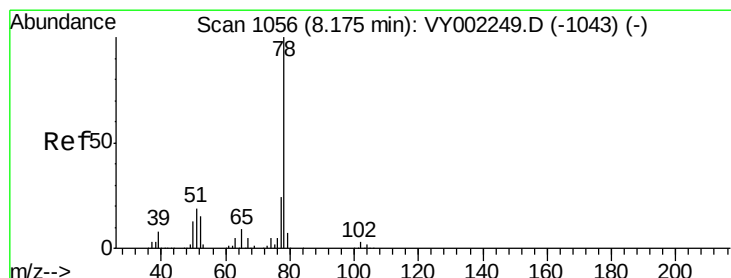
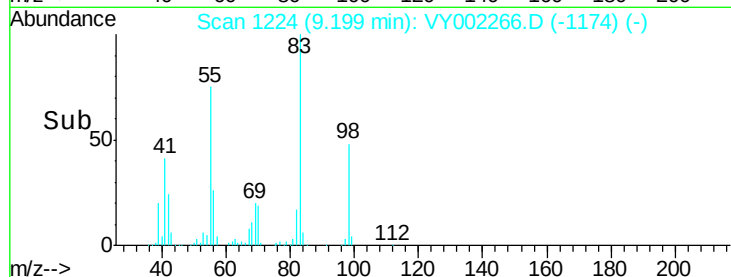
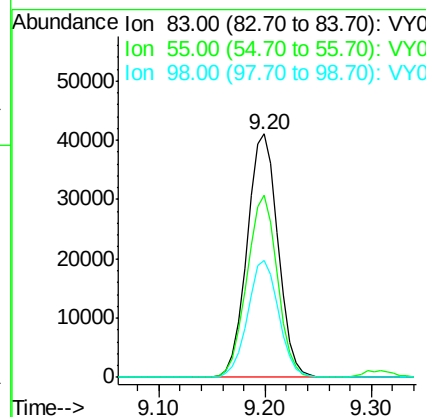
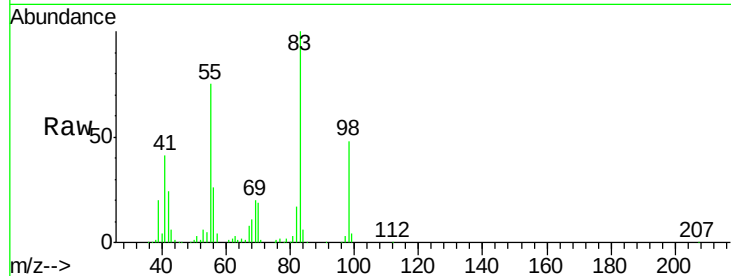




#39
Methylvlcyclohexane
Concen: 20.951 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

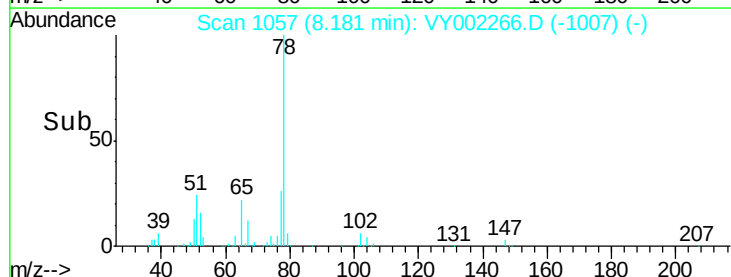
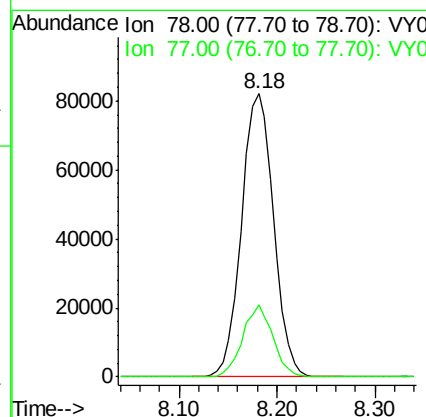
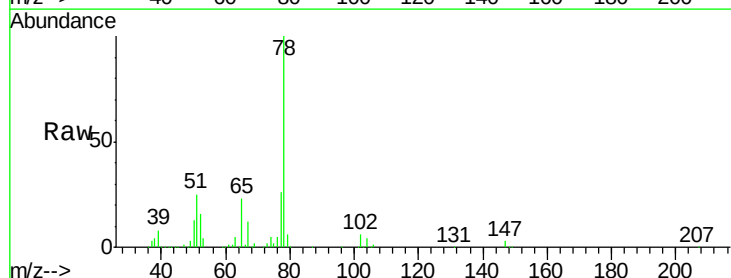
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

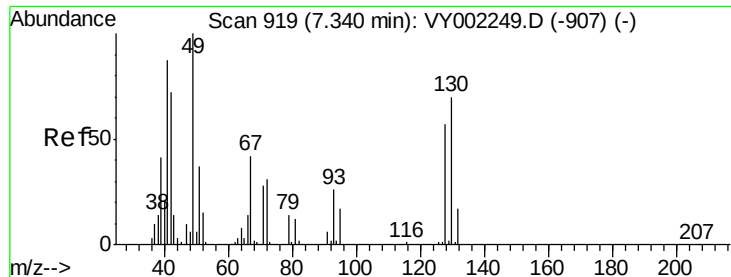
Tot Ion: 83 Resp: 83690
Ion Ratio Lower Upper
83 100
55 75.0 59.3 88.9
98 48.1 39.6 59.4



#40
Benzene
Concen: 20.918 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 78 Resp: 186363
Ion Ratio Lower Upper
78 100
77 25.5 18.9 28.3





#41

Methacrylonitrile

Concen: 19.985 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. 0.00 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

Tot Ion: 41 Resp: 19778

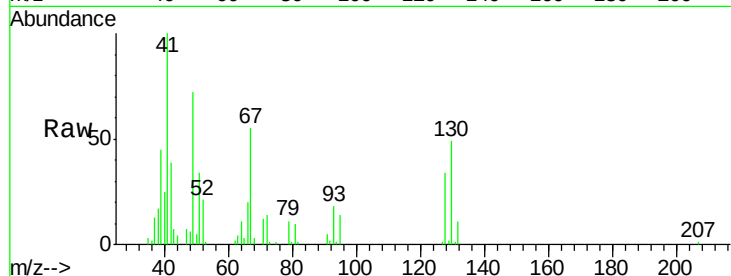
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

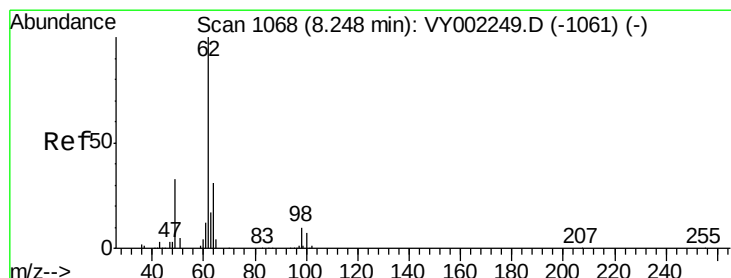
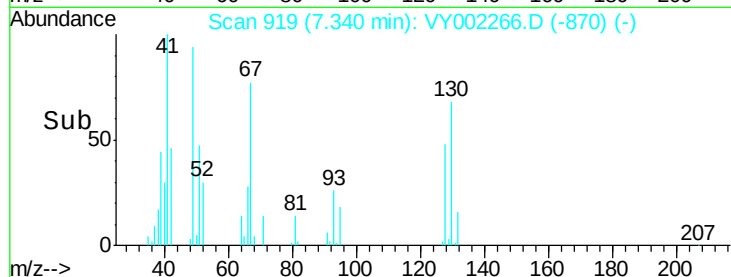
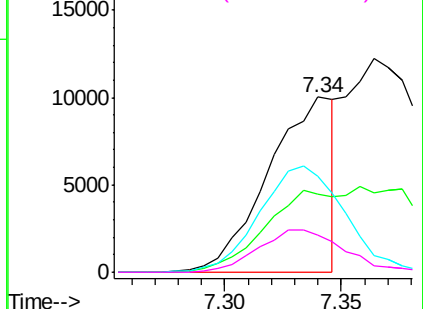


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.898 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VY002266.D

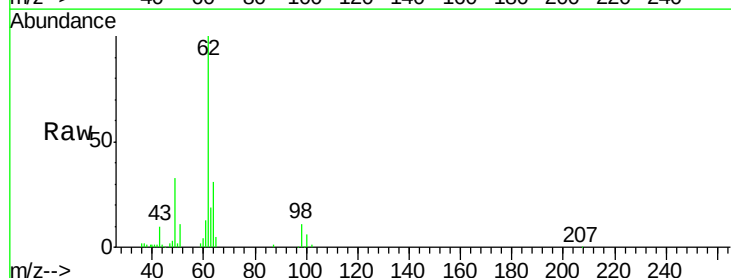
Acq: 09 Apr 2020 11:37

Tgt Ion: 62 Resp: 48329

Ion Ratio Lower Upper

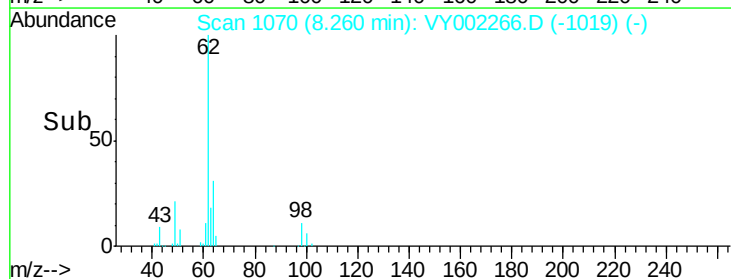
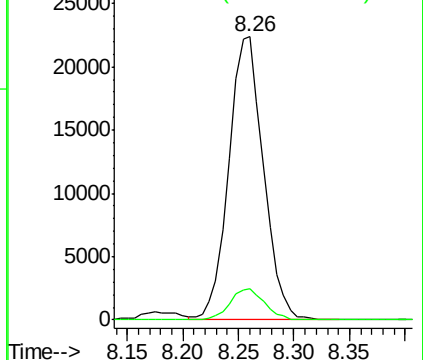
62 100

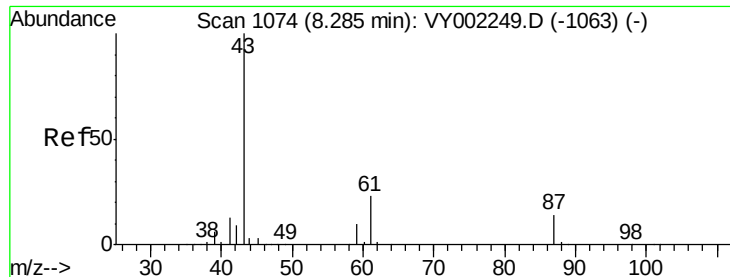
98 10.9 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.920 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

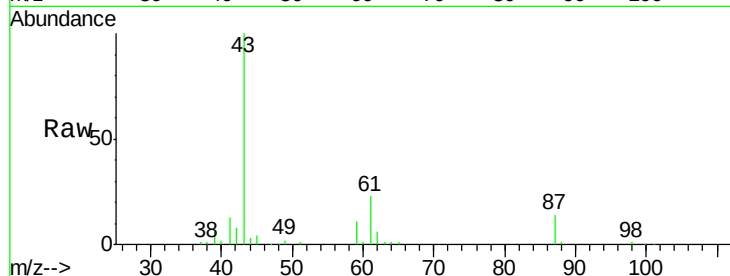
Tot Ion: 43 Resp: 67064

Ion Ratio Lower Upper

43 100

61 31.2 24.9 37.3

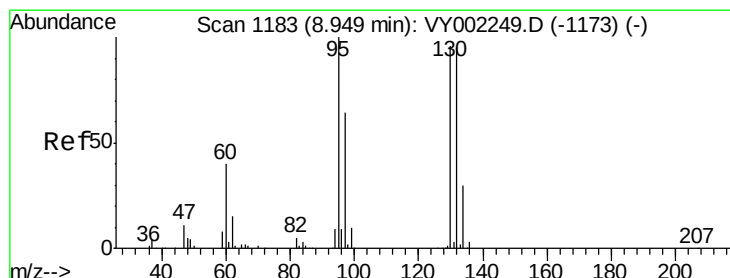
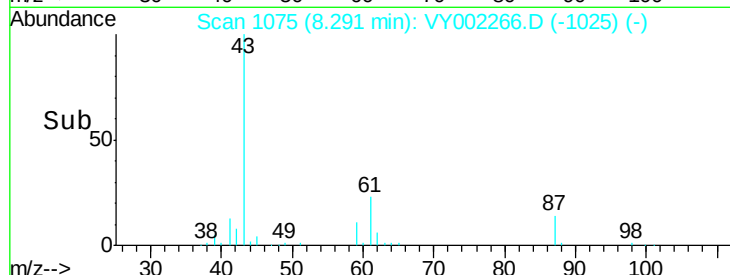
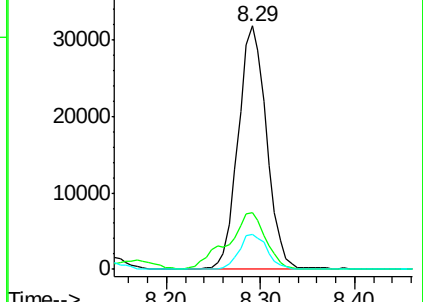
87 14.4 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.435 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002266.D

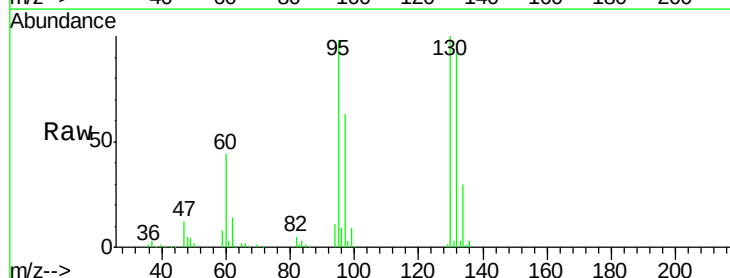
Acq: 09 Apr 2020 11:37

Tgt Ion: 130 Resp: 53528

Ion Ratio Lower Upper

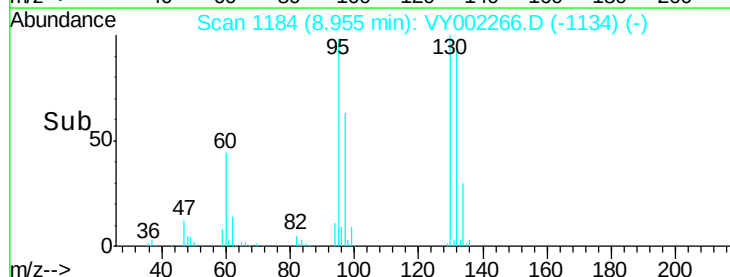
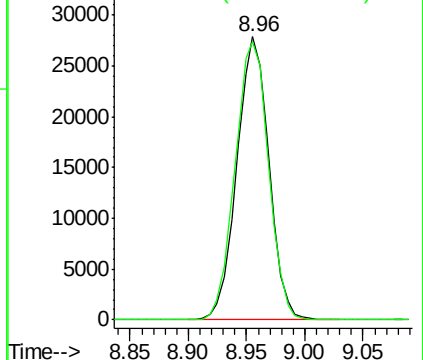
130 100

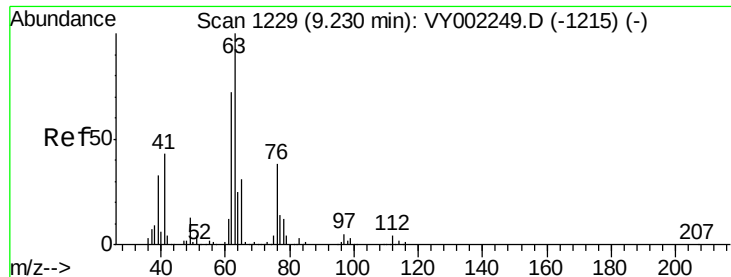
95 98.2 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

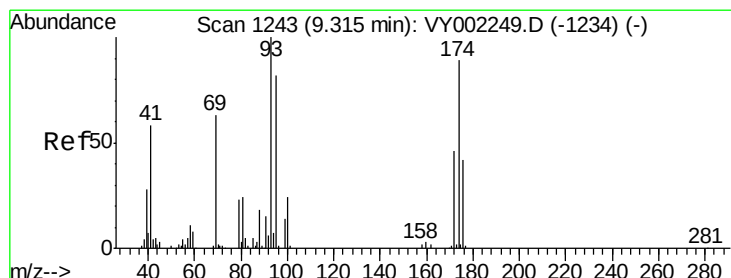
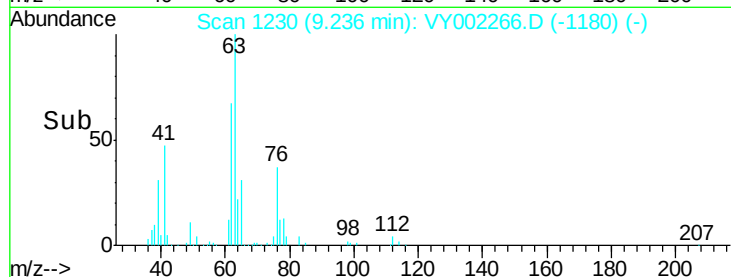
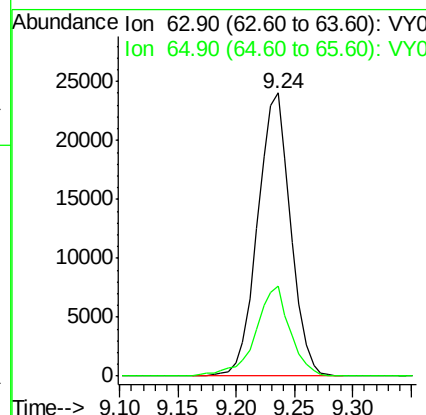
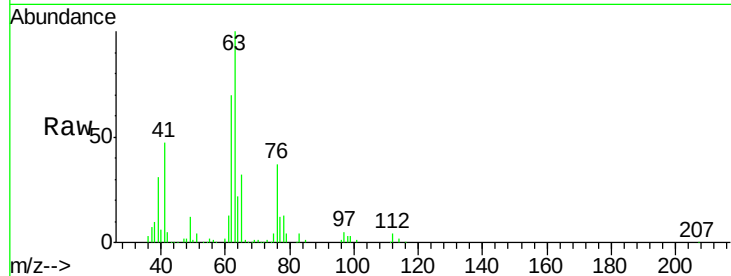




#45
 1,2-Dichloropropane
 Concen: 21.410 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

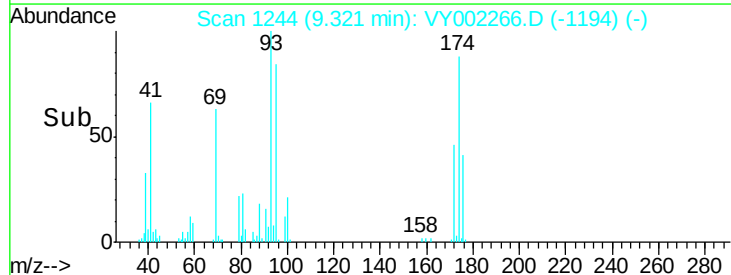
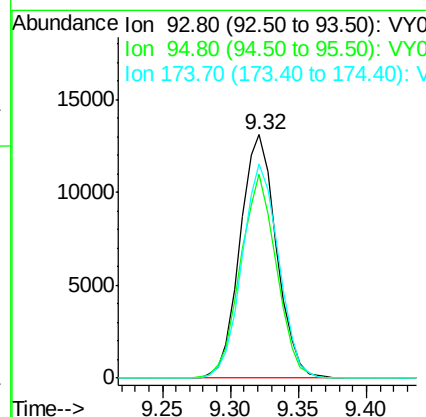
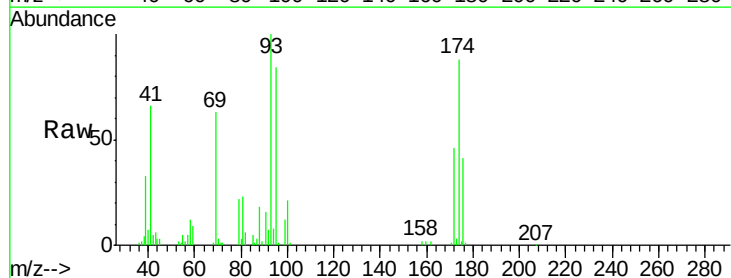
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

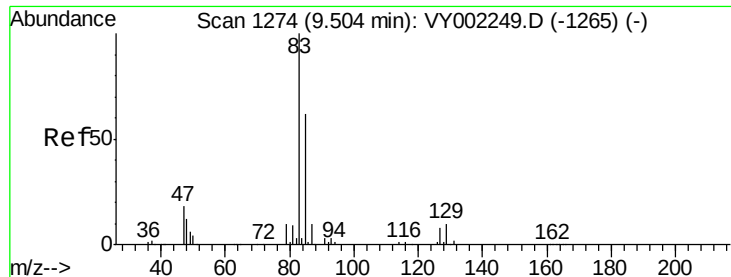
Tot Ion: 63 Resp: 47328
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0



#46
 Dibromomethane
 Concen: 21.186 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 93 Resp: 24487
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.3 100.9
 174 88.6 72.5 108.7

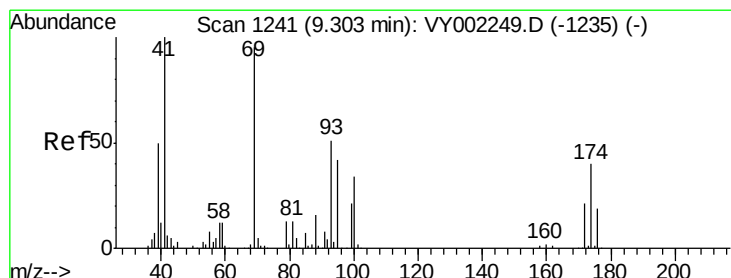
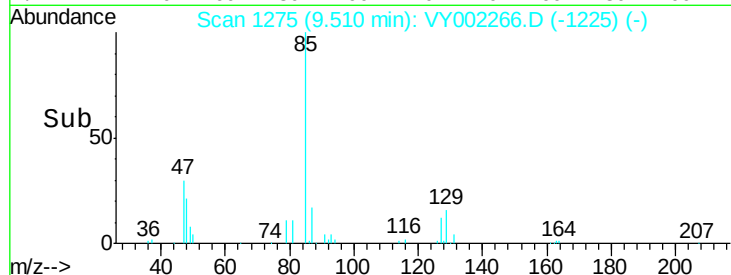
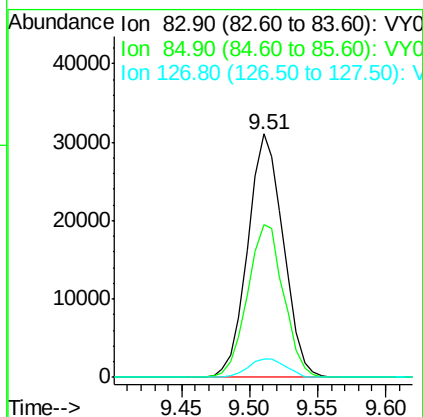
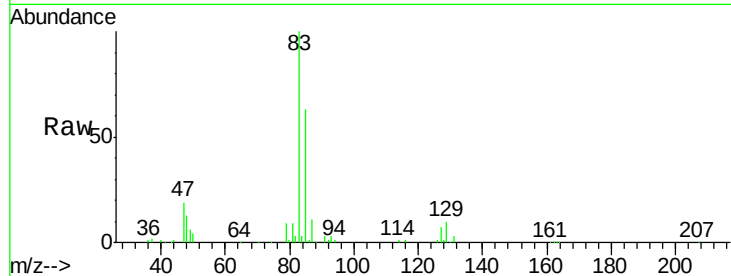




#47
Bromodichloromethane
Concen: 21.460 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

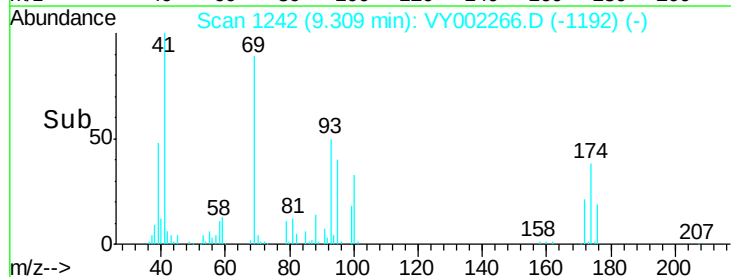
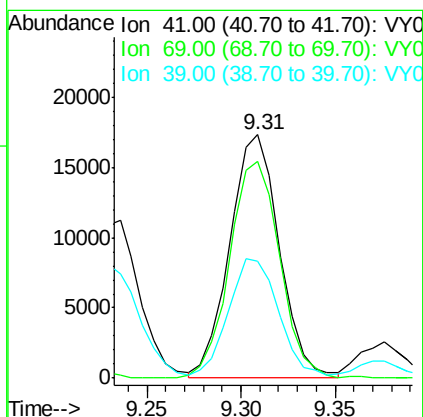
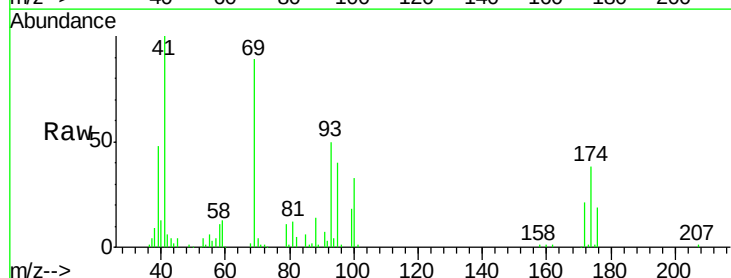
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

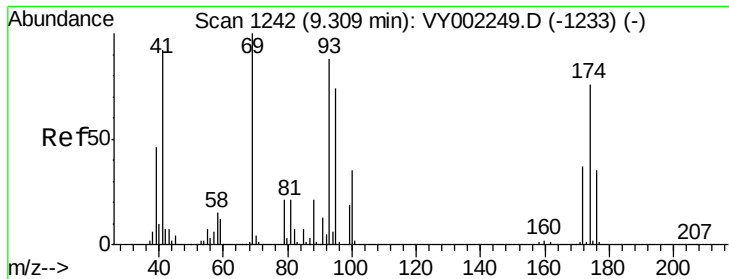
Tot Ion: 83 Resp: 56914
Ion Ratio Lower Upper
83 100
85 62.8 49.7 74.5
127 7.4 6.2 9.4



#48
Methyl methacrylate
Concen: 23.128 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 41 Resp: 31728
Ion Ratio Lower Upper
41 100
69 89.7 76.7 115.1
39 47.7 40.5 60.7

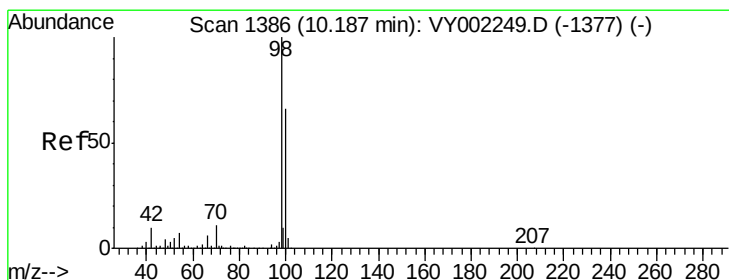
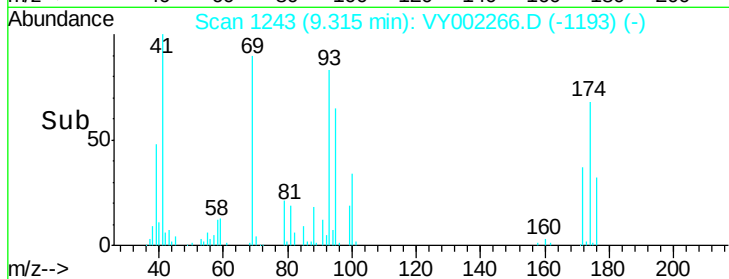
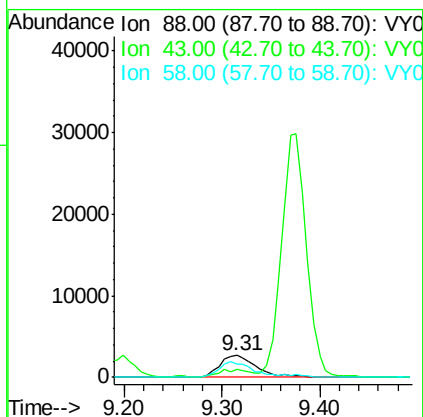
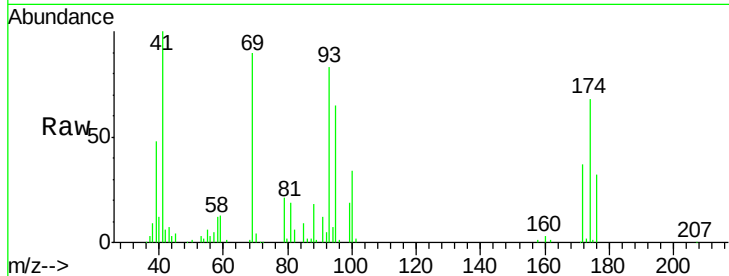




#49
1,4-Dioxane
Concen: 432.730 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

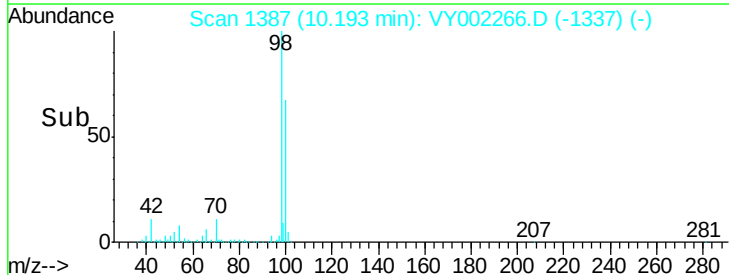
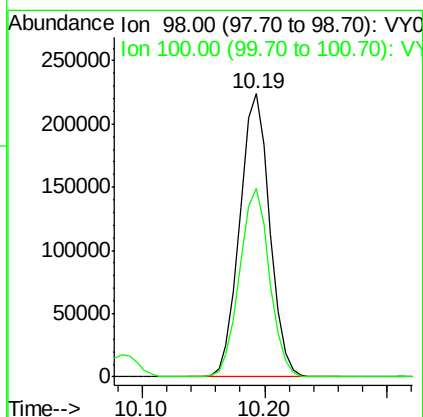
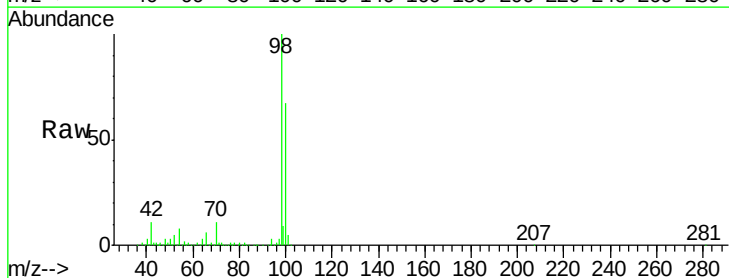
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

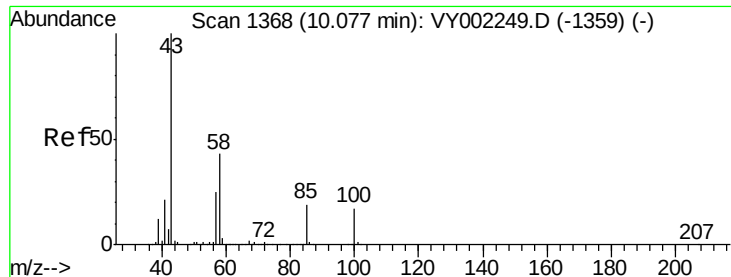
Tot Ion: 88 Resp: 7075
Ion Ratio Lower Upper
88 100
43 27.4 22.2 33.2
58 70.3 57.6 86.4



#50
Toluene-d8
Concen: 51.060 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 98 Resp: 379126
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

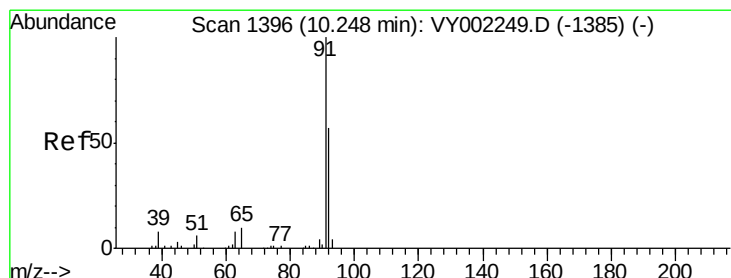
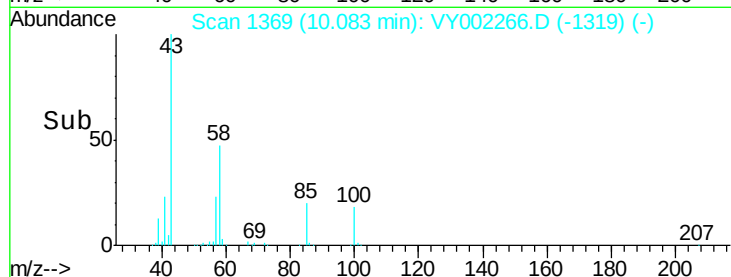
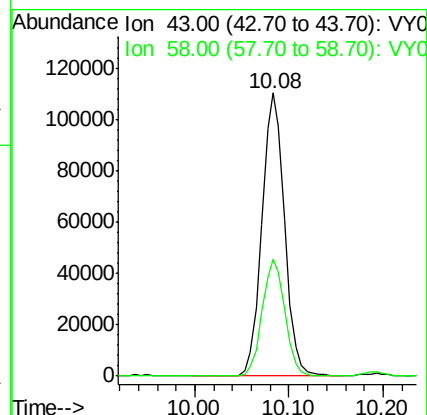
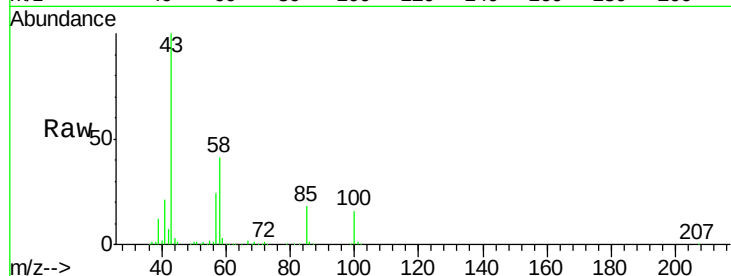




#51
 4-Methyl-2-Pentanone
 Concen: 117.320 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

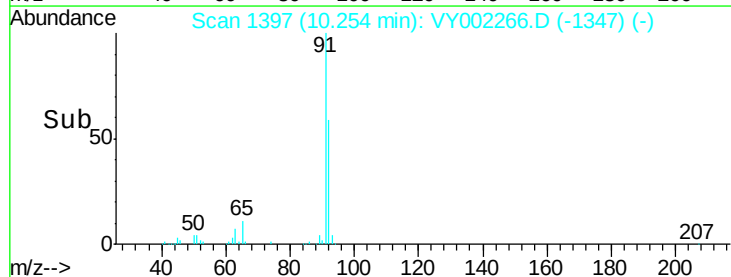
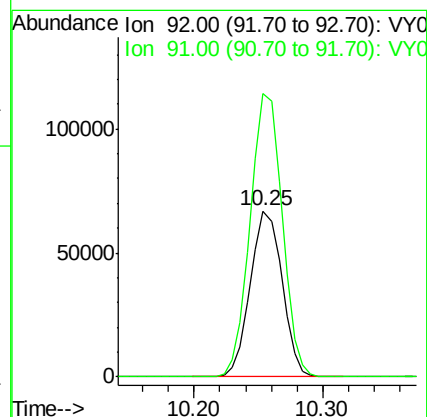
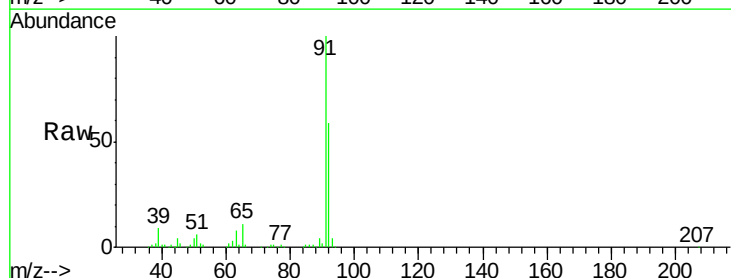
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

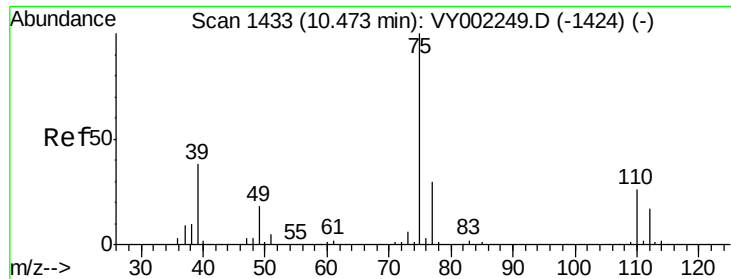
Tot Ion: 43 Resp: 187039
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.8 50.8



#52
 Toluene
 Concen: 21.343 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 92 Resp: 114595
 Ion Ratio Lower Upper
 92 100
 91 170.8 139.0 208.6

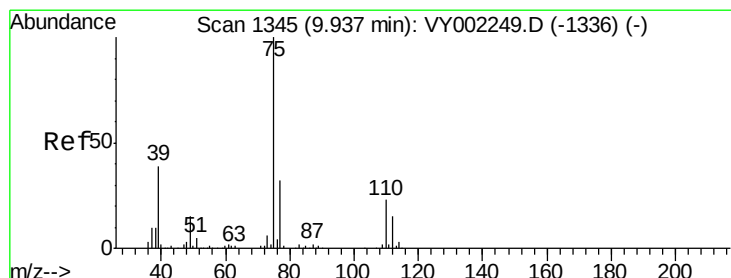
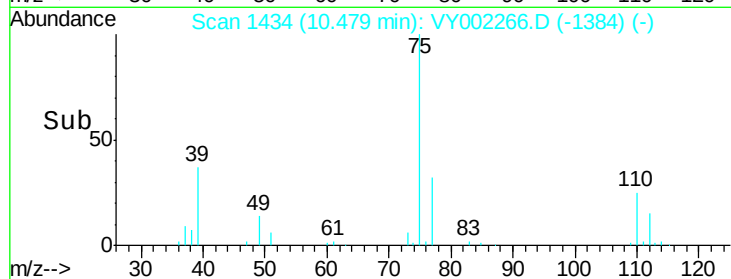
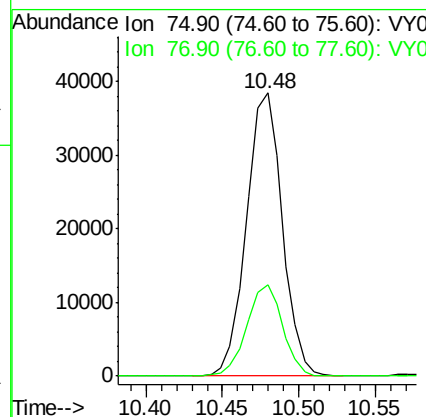
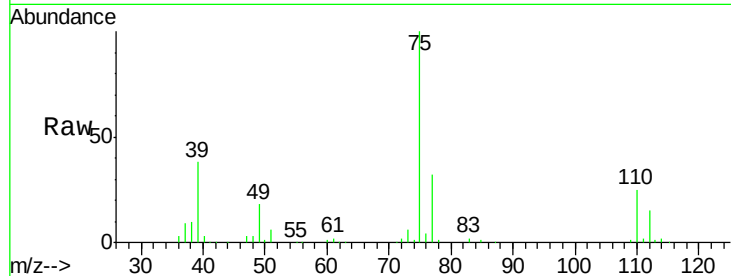




#53
t-1,3-Dichloropropene
Concen: 21.637 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

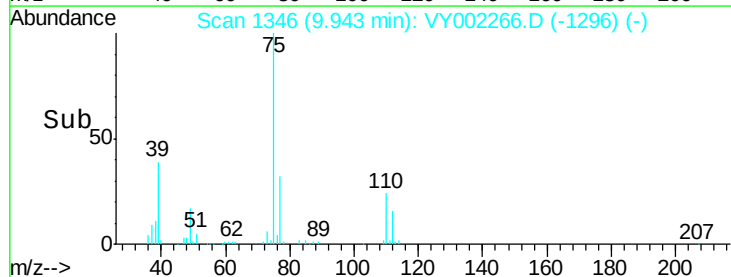
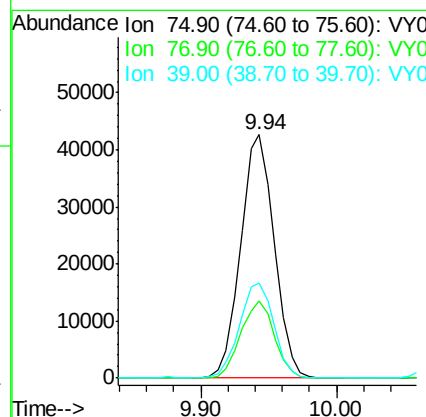
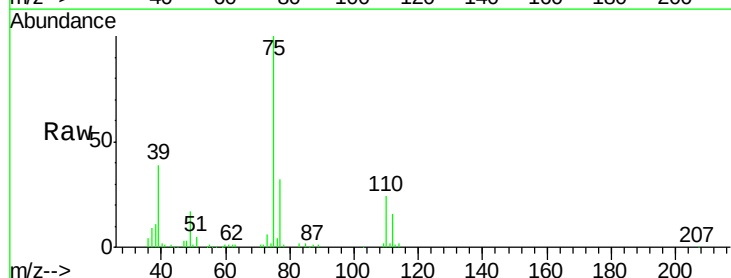
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

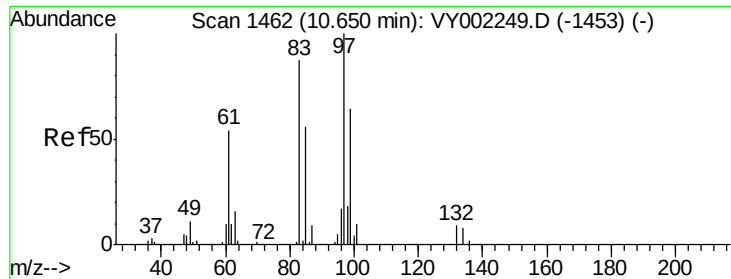
Tot Ion: 75 Resp: 62520
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 21.188 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 75 Resp: 73605
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 39.3 30.8 46.2



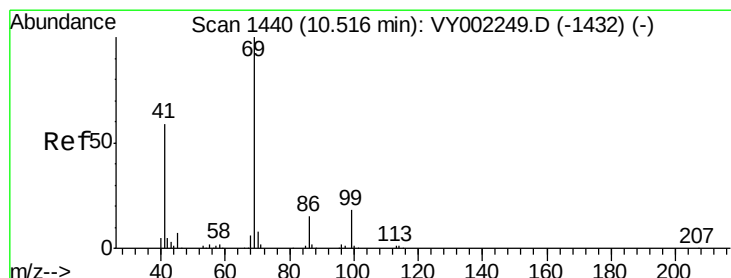
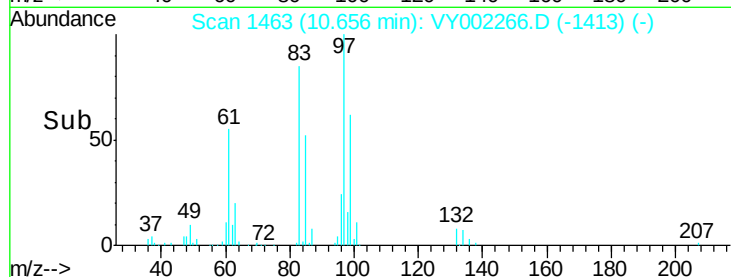
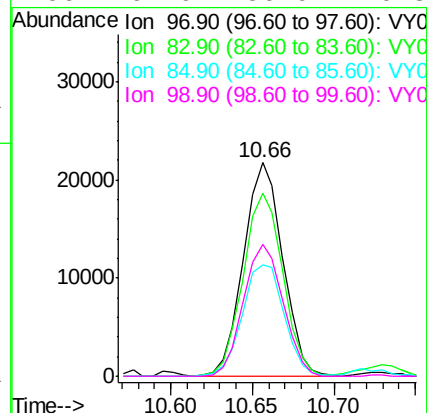
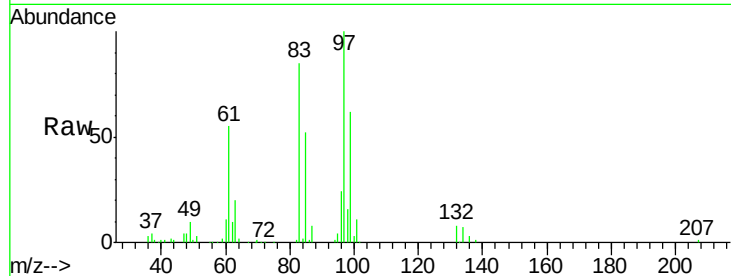


#55
 1,1,2-Trichloroethane
 Concen: 21.583 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

Tot Ion: 97 Resp: 36522

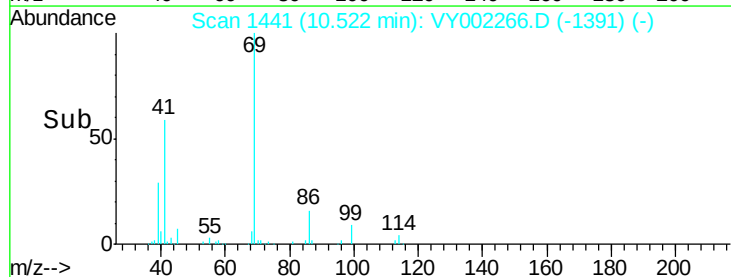
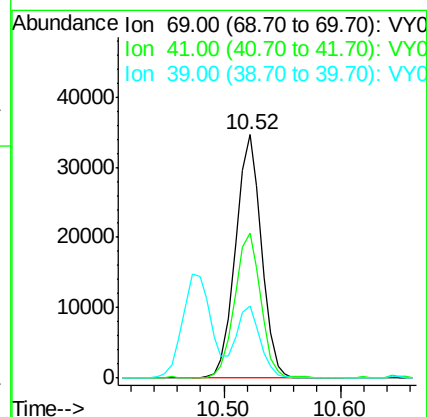
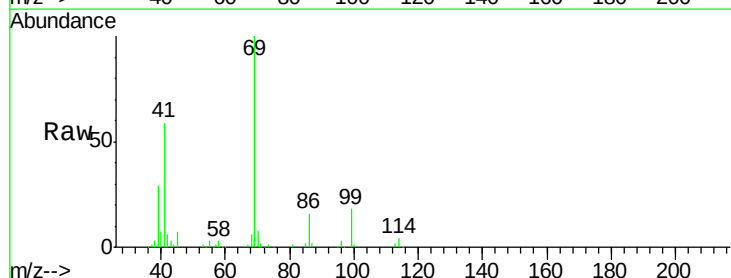
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.5	104.3
85	52.3	45.2	67.8
99	61.9	50.9	76.3

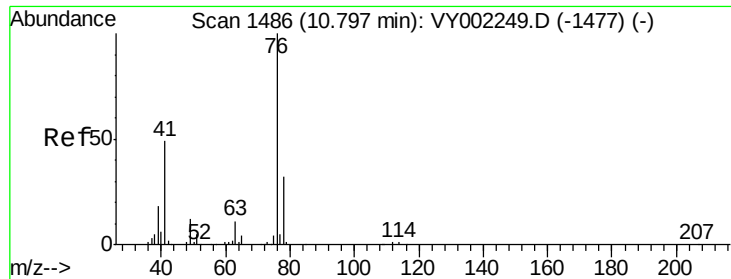


#56
 Ethyl methacrylate
 Concen: 22.141 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion: 69 Resp: 53475

Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.9	71.9
39	29.1	23.8	35.6





#57

1,3-Dichloropropane

Concen: 21.756 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

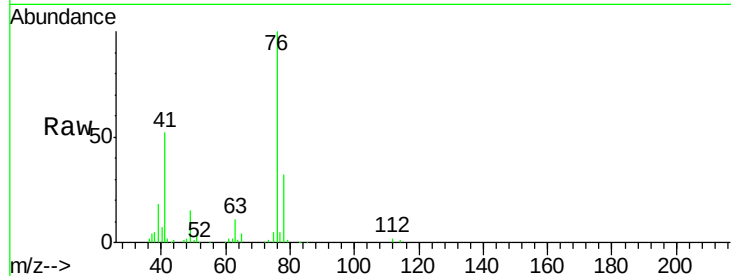
VY0409SBS01

Tot Ion: 76 Resp: 64710

Ion Ratio Lower Upper

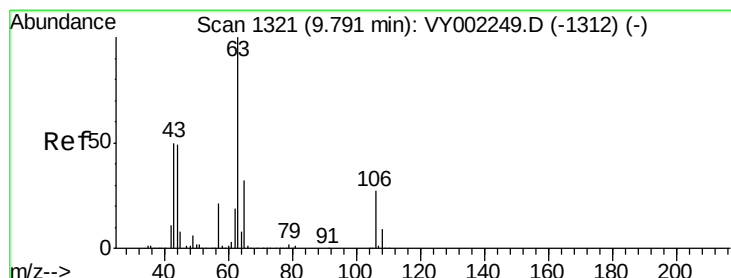
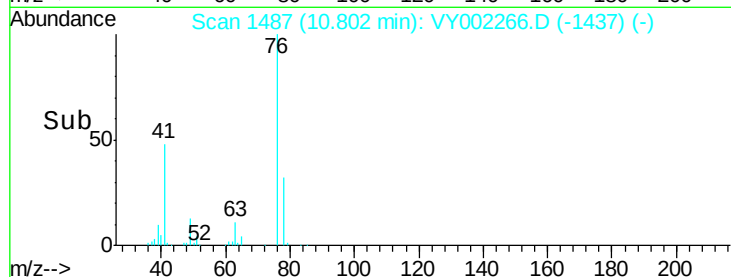
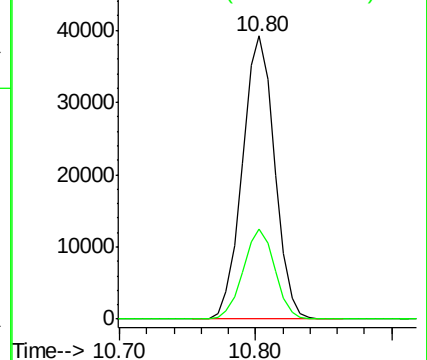
76 100

78 31.4 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: 108.086 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002266.D

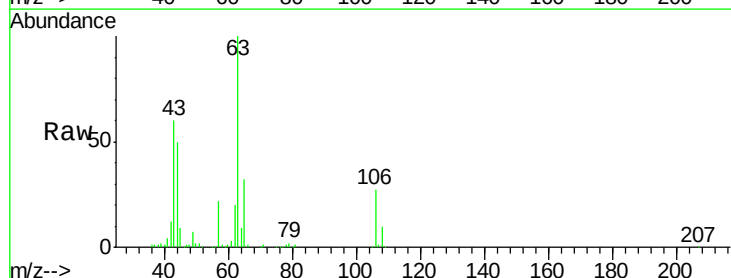
Acq: 09 Apr 2020 11:37

Tgt Ion: 63 Resp: 135180

Ion Ratio Lower Upper

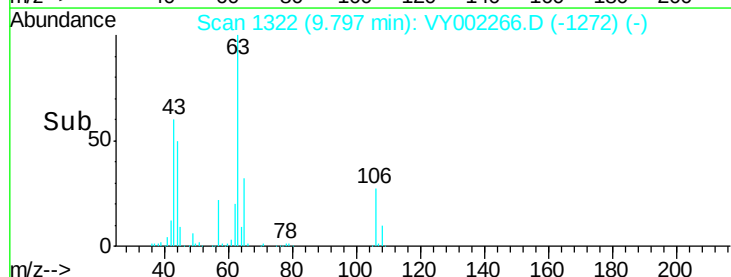
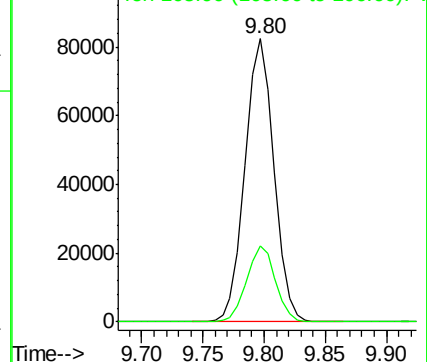
63 100

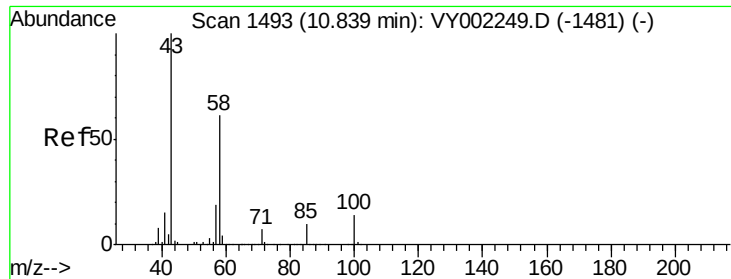
106 26.6 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

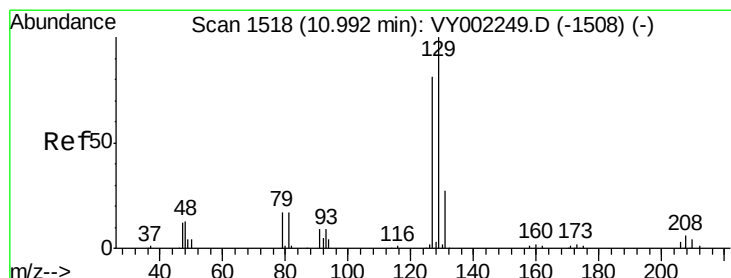
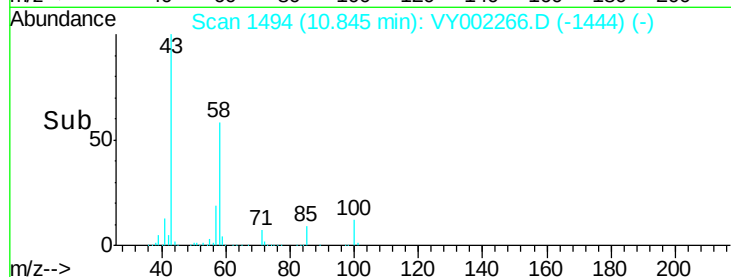
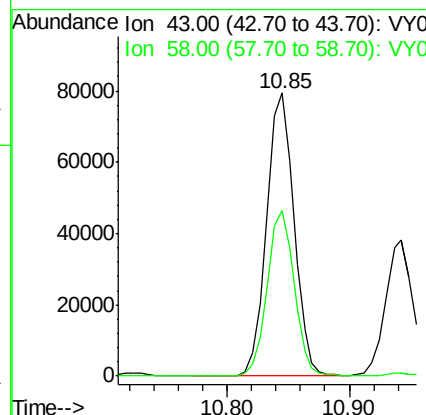
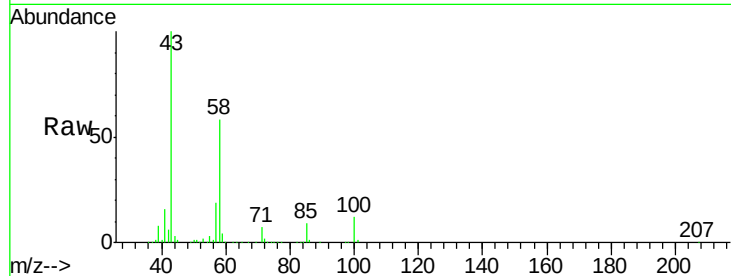




#59
2-Hexanone
Concen: 112.793 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

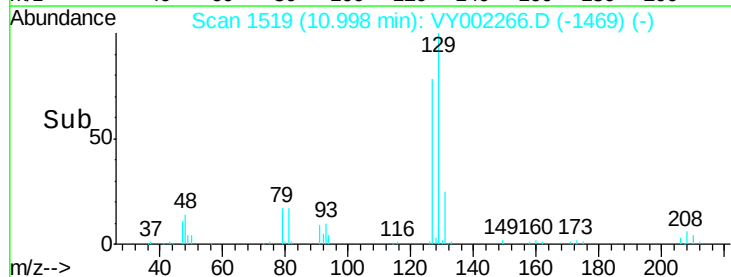
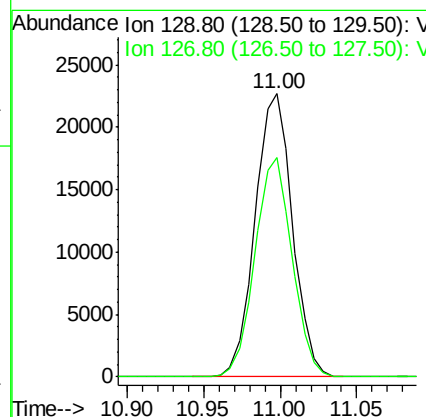
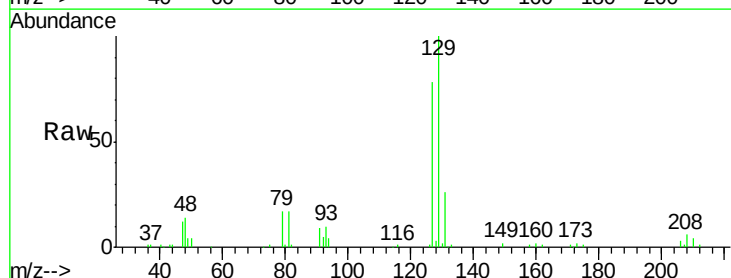
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

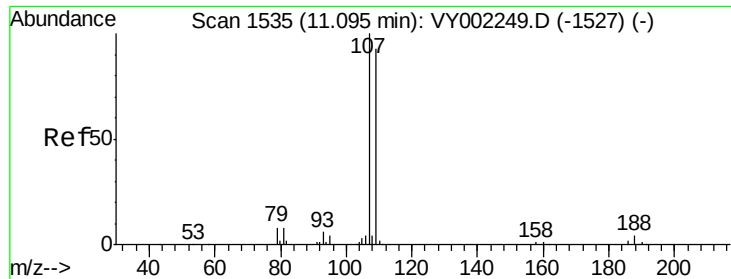
Tot Ion: 43 Resp: 124801
Ion Ratio Lower Upper
43 100
58 57.5 29.8 89.3



#60
Dibromochloromethane
Concen: 21.385 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 129 Resp: 38586
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.156 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

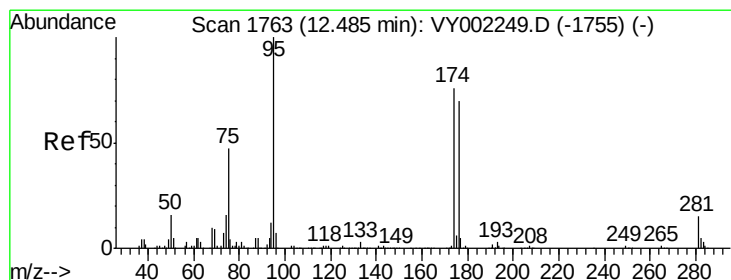
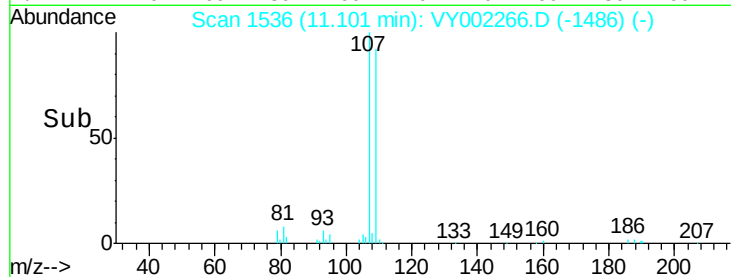
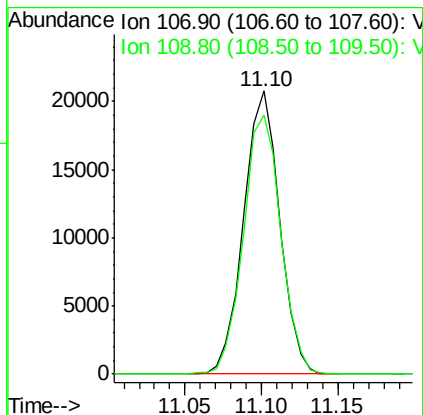
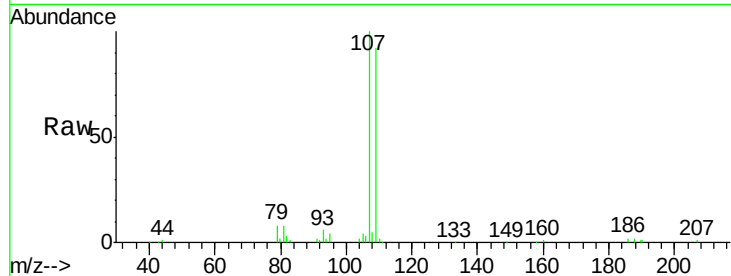
VY0409SBSD01

Tot Ion:107 Resp: 34081

Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 53.260 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

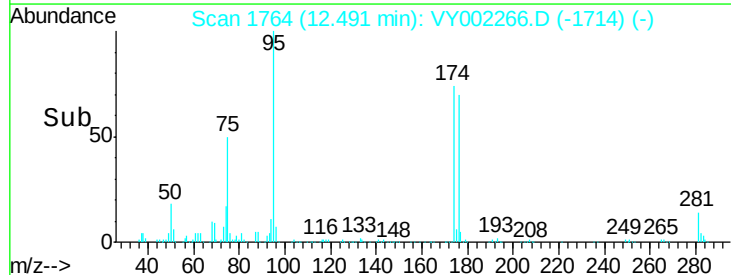
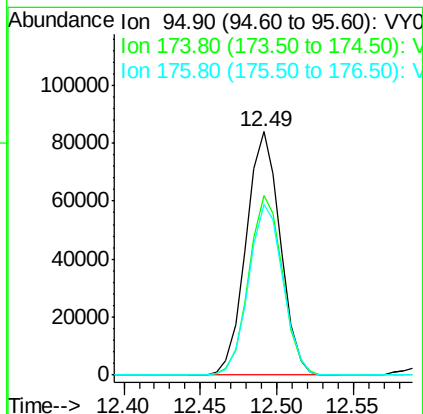
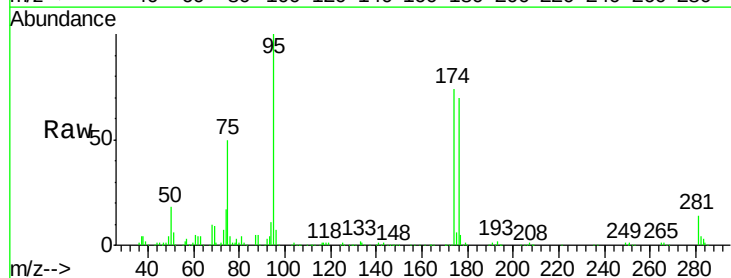
Tgt Ion: 95 Resp: 130468

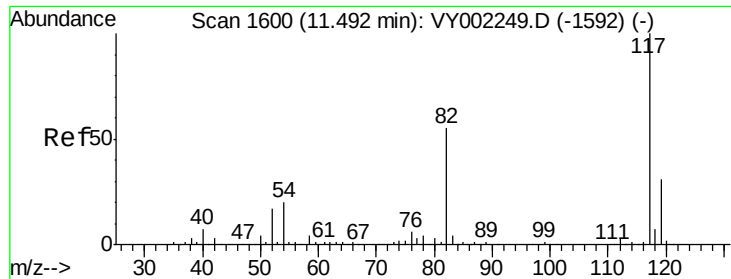
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.6

176 70.3 0.0 141.4

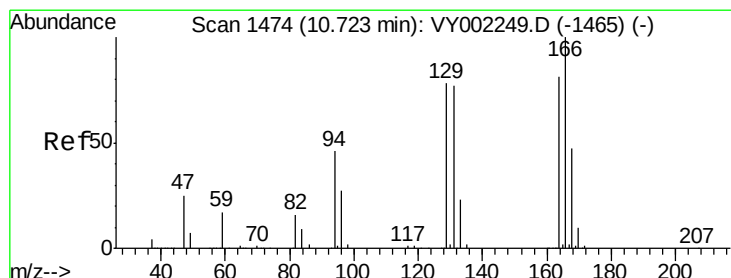
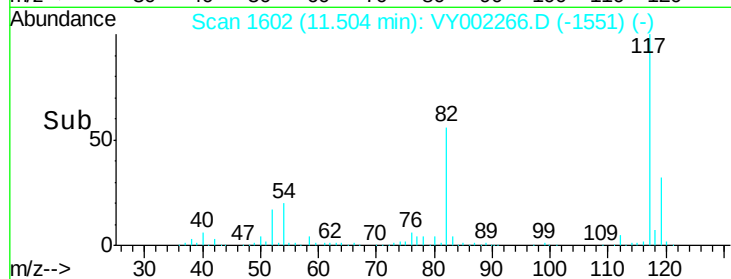
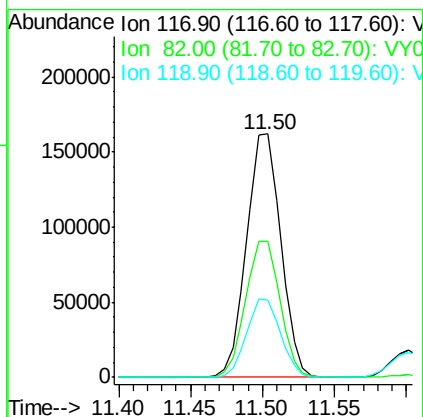
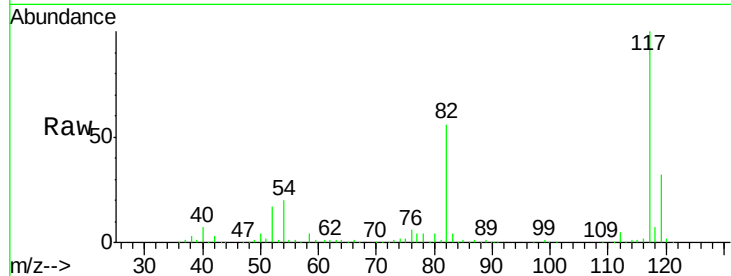




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

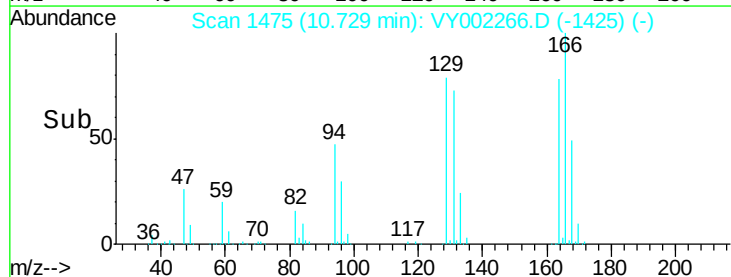
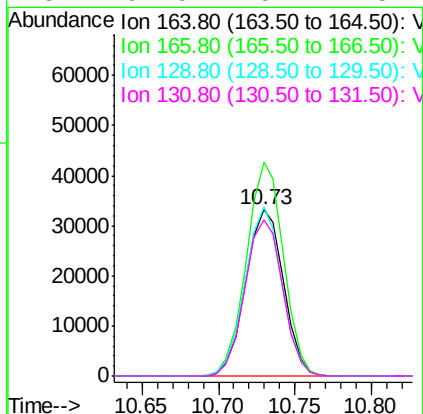
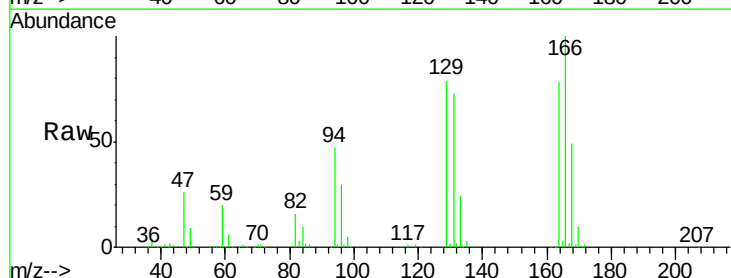
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBSD01

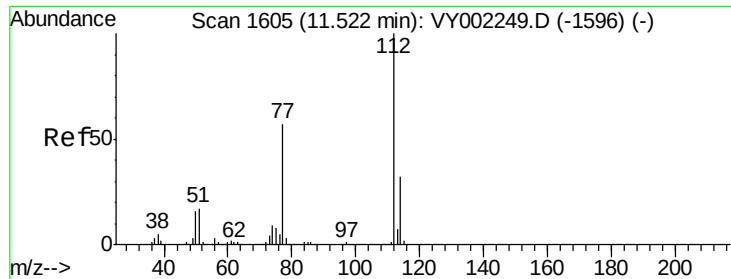
Tot Ion:117 Resp: 266943
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 21.104 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion:164 Resp: 56958
Ion Ratio Lower Upper
164 100
166 128.7 98.4 147.6
129 102.0 76.6 115.0
131 94.0 75.4 113.2





#65

Chlorobenzene

Concen: 21.020 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

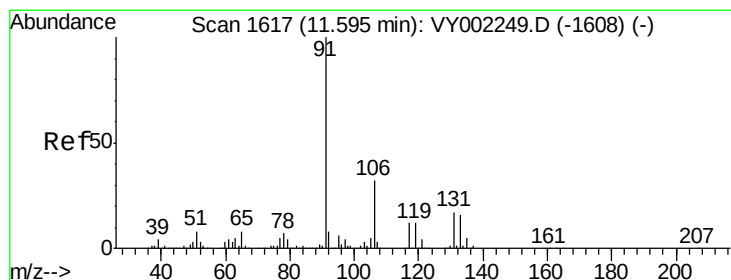
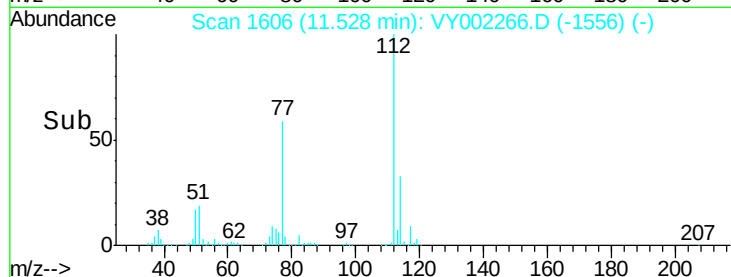
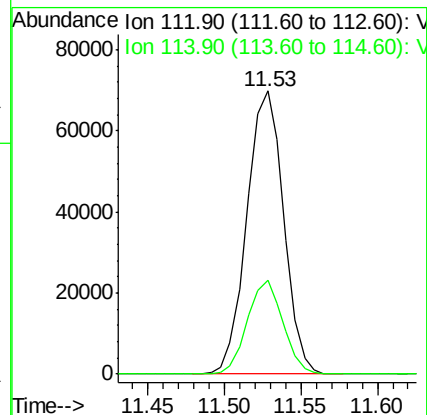
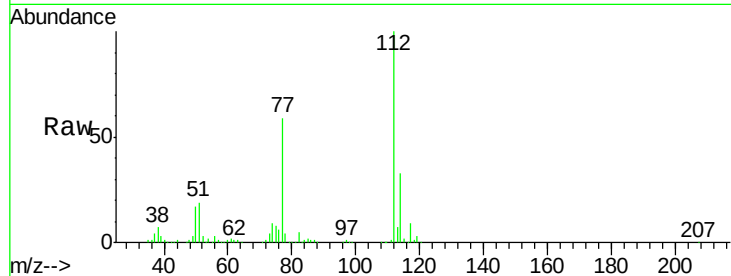
VY0409SBS01

Tot Ion:112 Resp: 116639

Ion Ratio Lower Upper

112 100

114 33.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.128 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

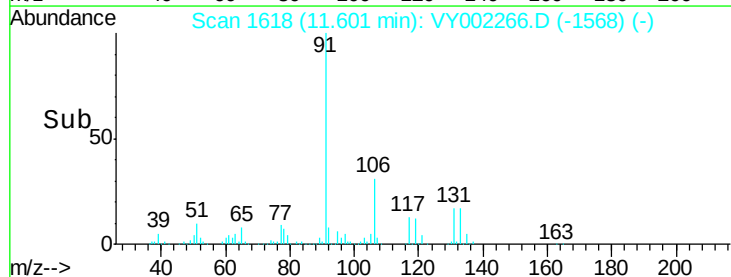
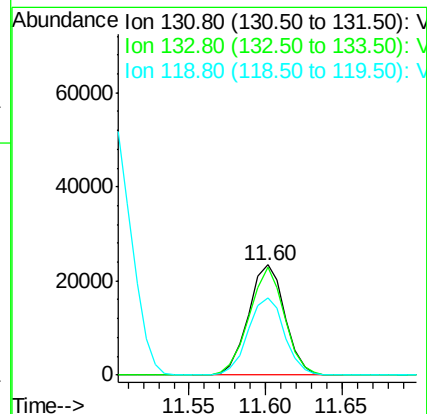
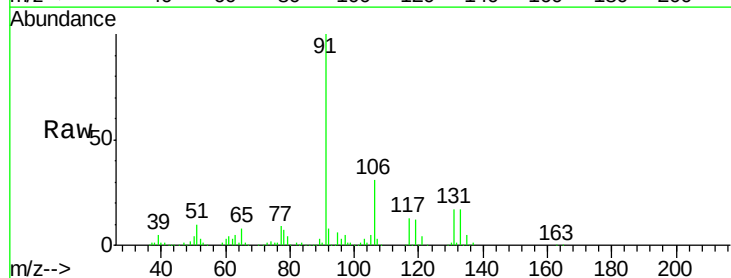
Tgt Ion:131 Resp: 38707

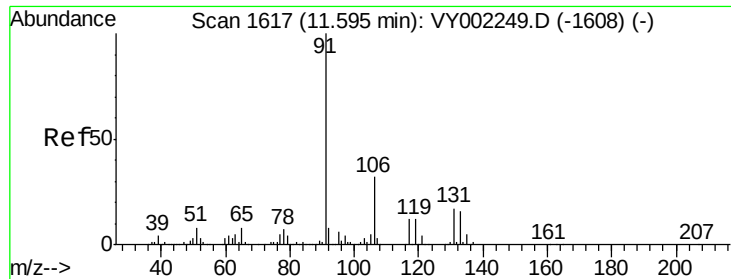
Ion Ratio Lower Upper

131 100

133 94.8 46.5 139.3

119 70.7 34.5 103.6

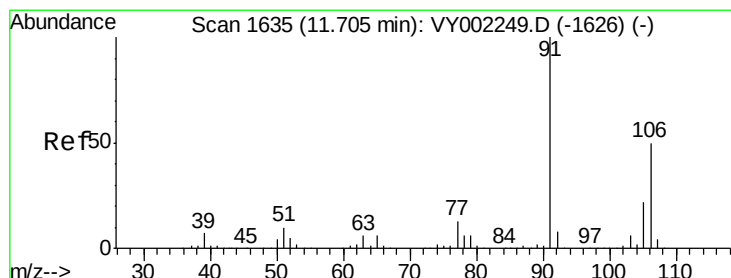
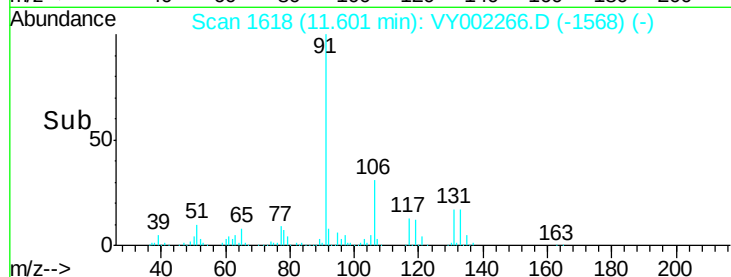
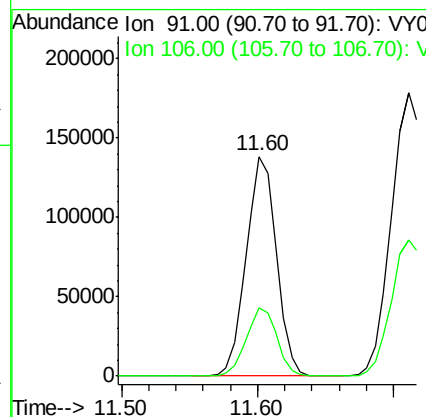
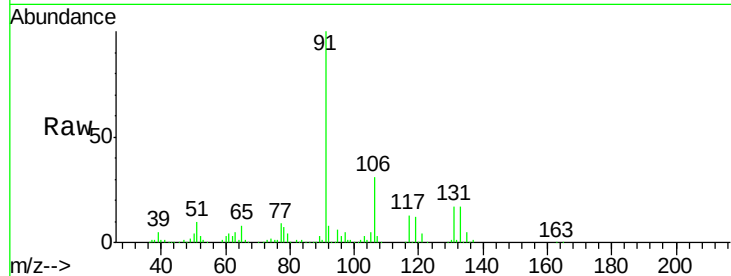




#67
Ethyl Benzene
Concen: 21.197 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

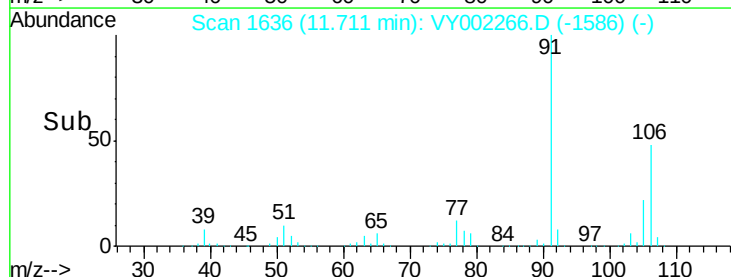
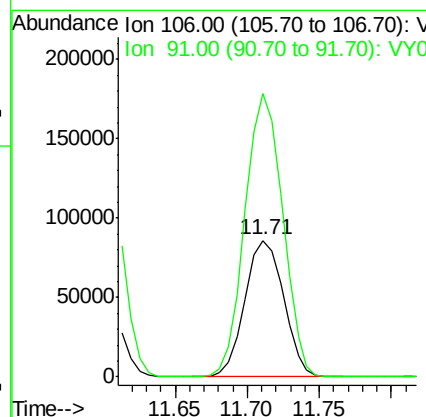
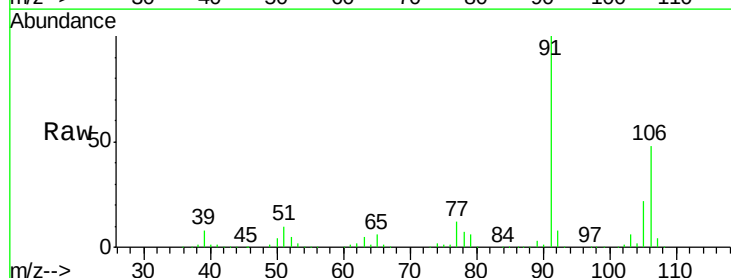
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

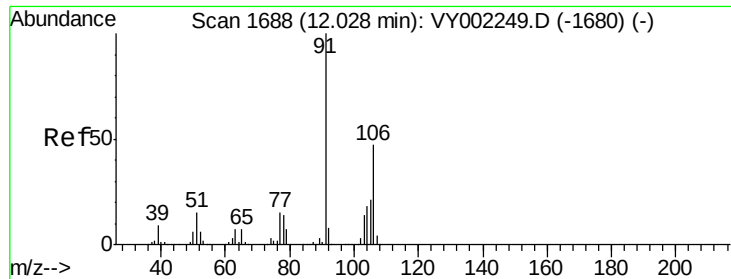
Tot Ion: 91 Resp: 215329
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 42.229 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 106 Resp: 160670
Ion Ratio Lower Upper
106 100
91 202.3 159.8 239.6

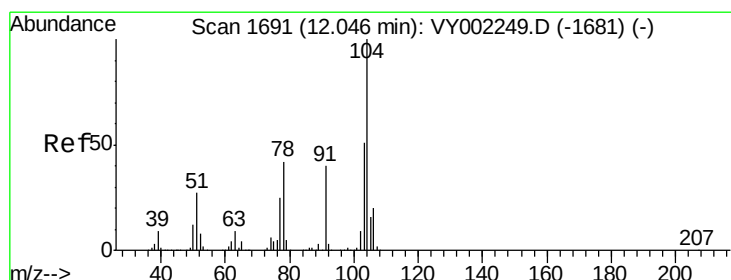
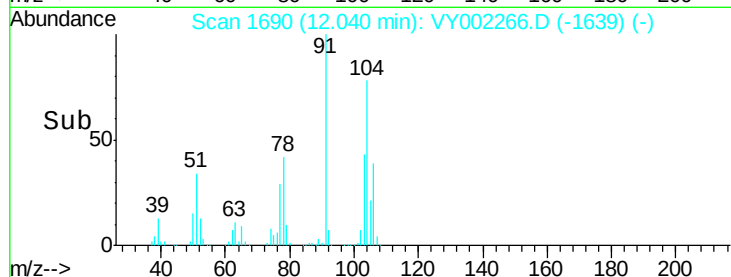
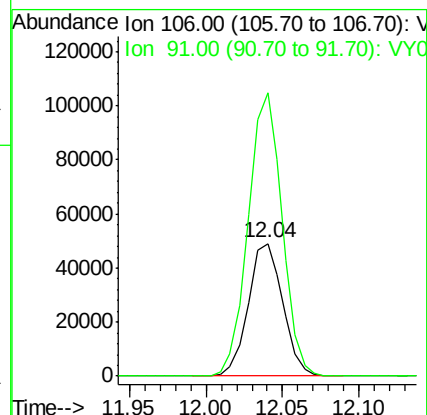
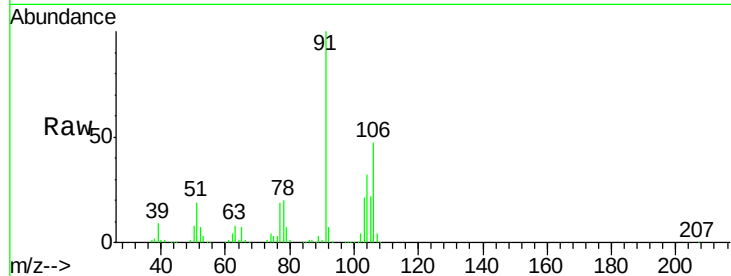




#69
o-Xylene
Concen: 21.489 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

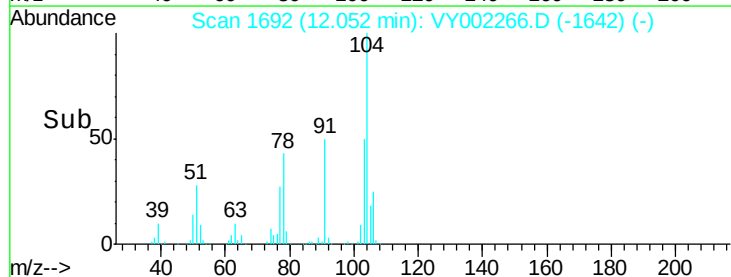
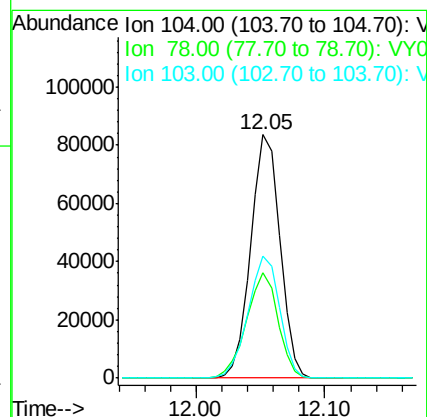
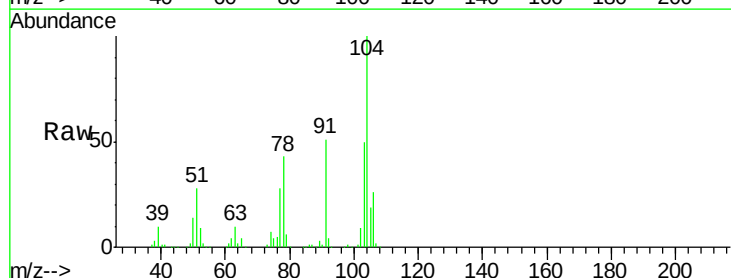
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

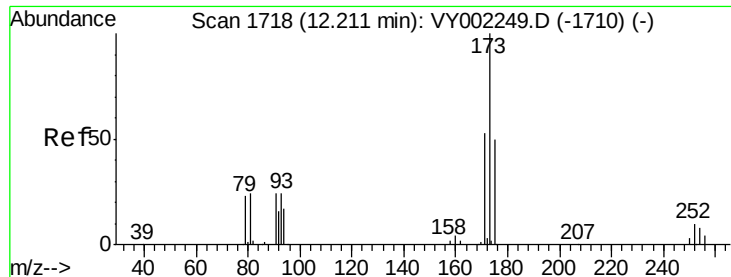
Tot Ion:106 Resp: 76760
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.3



#70
Styrene
Concen: 21.133 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion:104 Resp: 130971
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 53.9 43.4 65.0





#71

Bromoform

Concen: 21.190 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

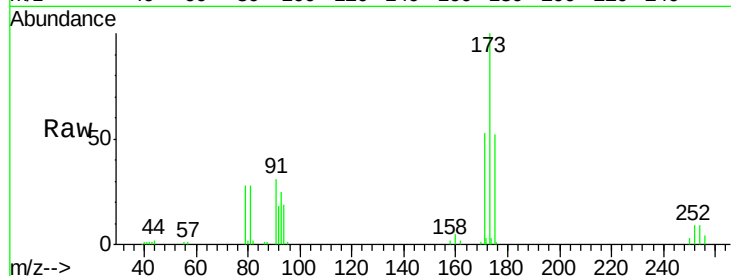
Tot Ion:173 Resp: 21111

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.3

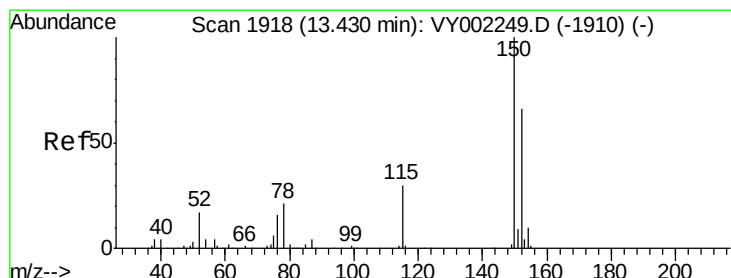
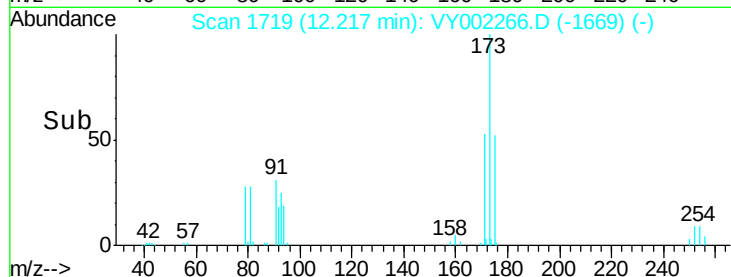
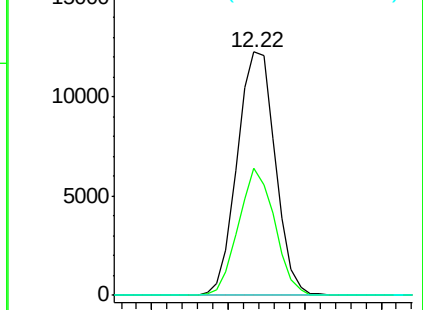
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

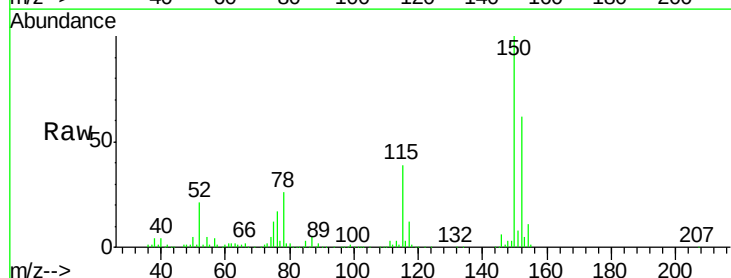
Tgt Ion:152 Resp: 124755

Ion Ratio Lower Upper

152 100

115 61.1 30.7 92.1

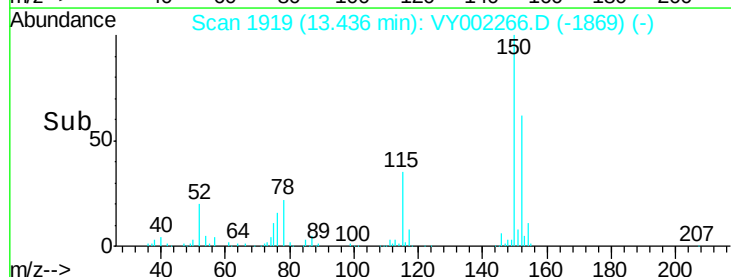
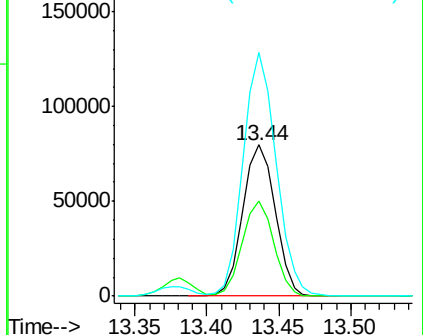
150 163.6 0.0 350.6

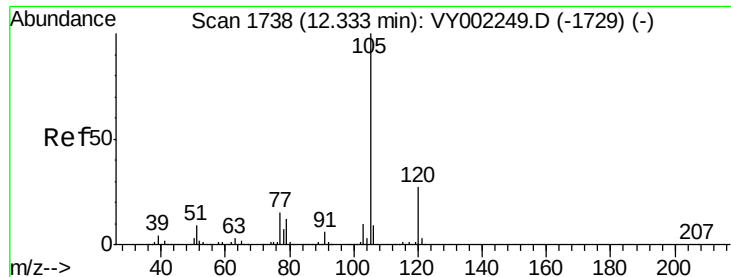


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.654 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

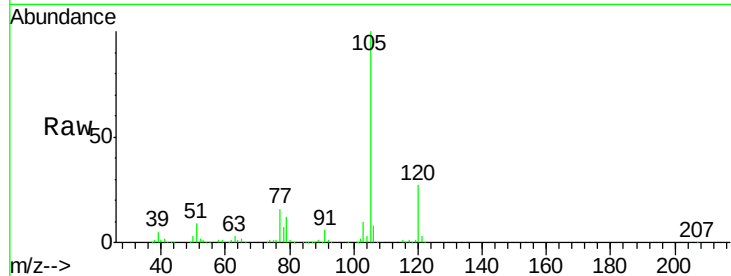
VY0409SBS01

Tot Ion:105 Resp: 202431

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

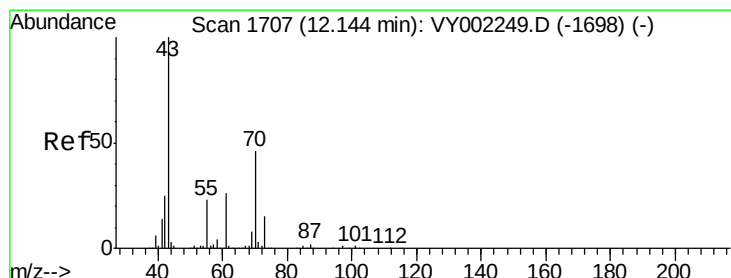
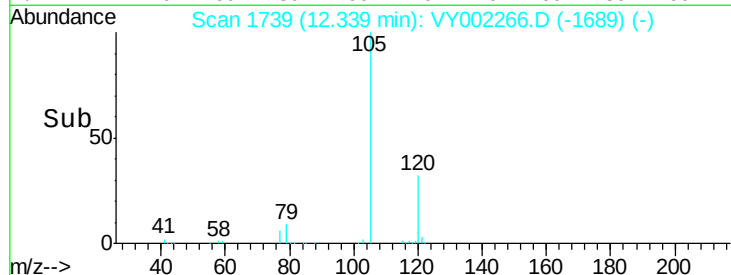
150000

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 22.106 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Tgt Ion: 43 Resp: 61502

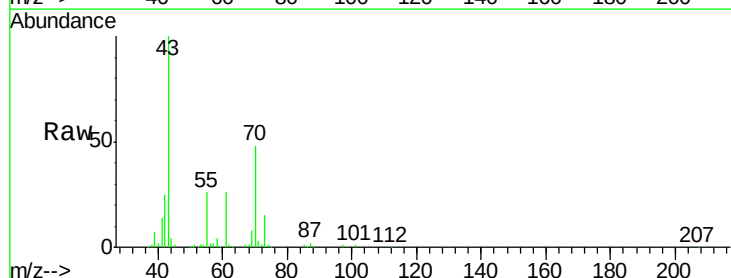
Ion Ratio Lower Upper

43 100

70 45.0 37.5 56.3

55 24.5 19.0 28.6

61 25.5 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

60000

50000

40000

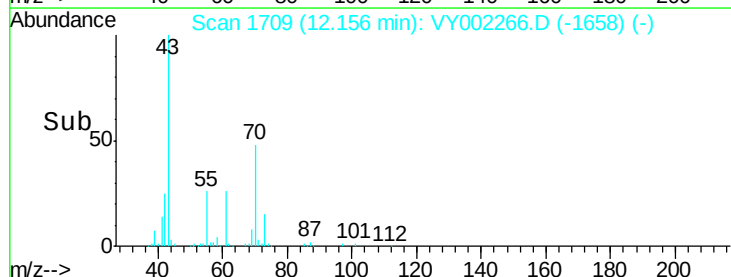
30000

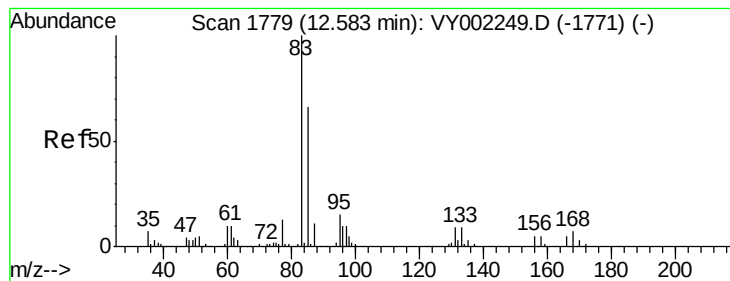
20000

10000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.070 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBSD01

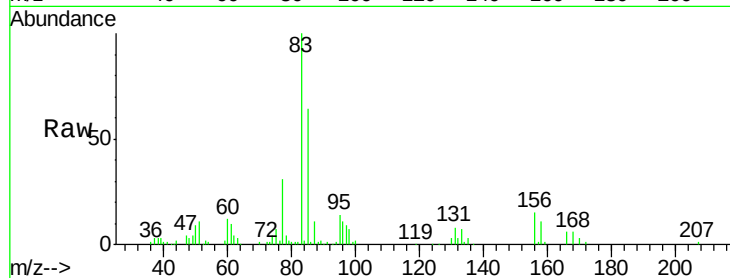
Tot Ion: 83 Resp: 26170

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

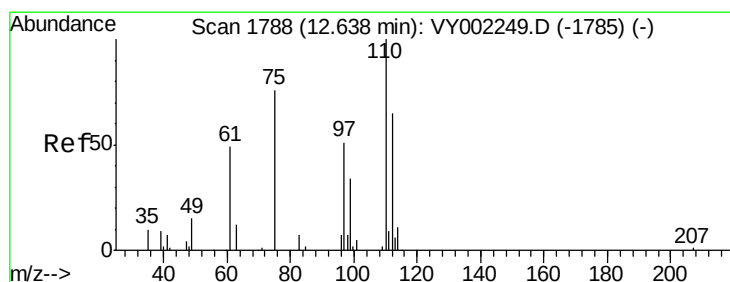
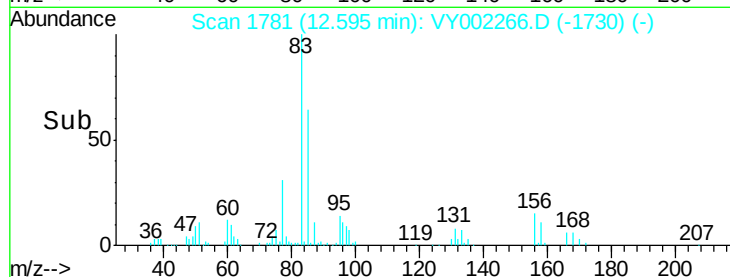
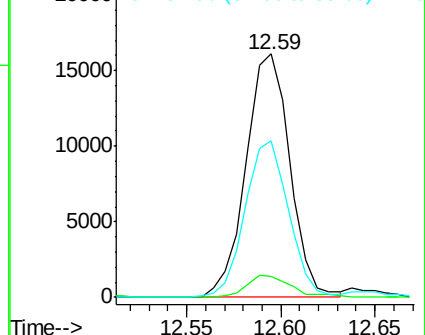
85 63.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 20.137 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002266.D

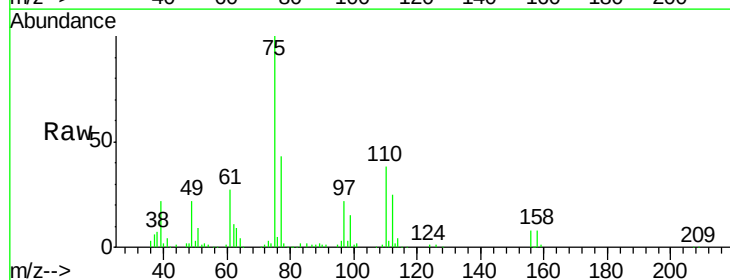
Acq: 09 Apr 2020 11:37

Tgt Ion: 75 Resp: 29172

Ion Ratio Lower Upper

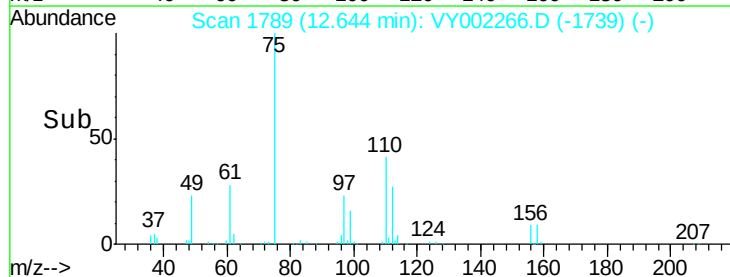
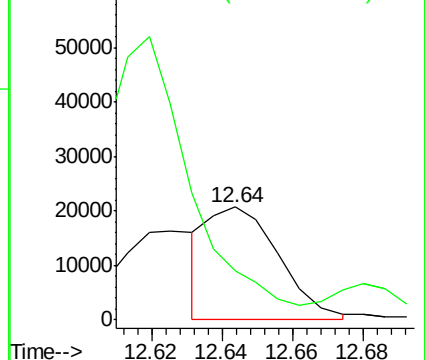
75 100

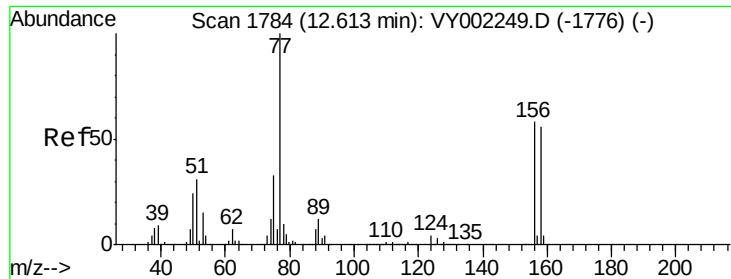
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.597 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

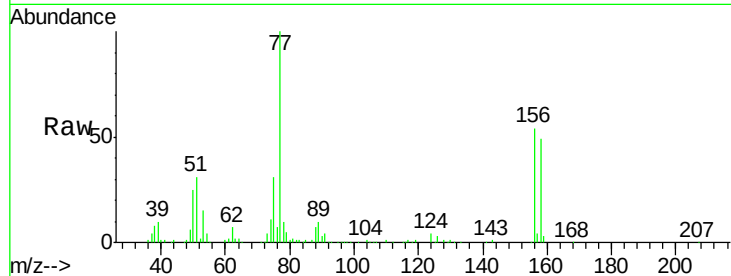
Tot Ion:156 Resp: 44413

Ion Ratio Lower Upper

156 100

77 209.9 101.3 303.9

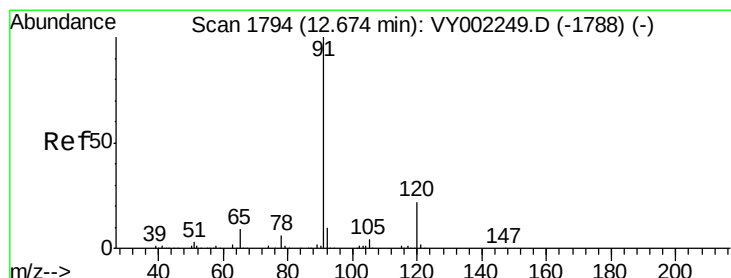
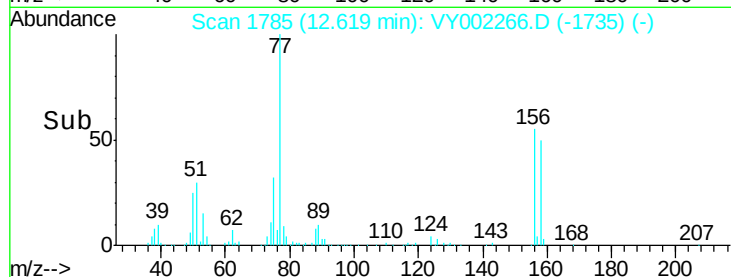
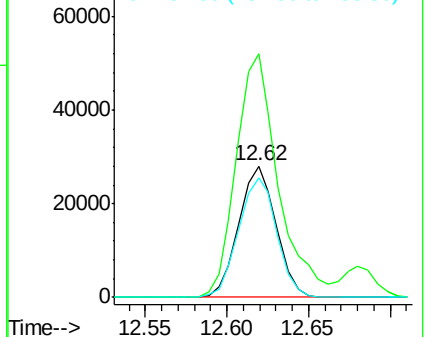
158 93.4 48.3 144.8



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: 20.831 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002266.D

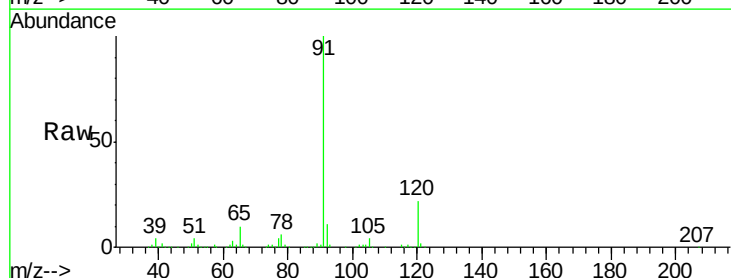
Acq: 09 Apr 2020 11:37

Tgt Ion: 91 Resp: 253922

Ion Ratio Lower Upper

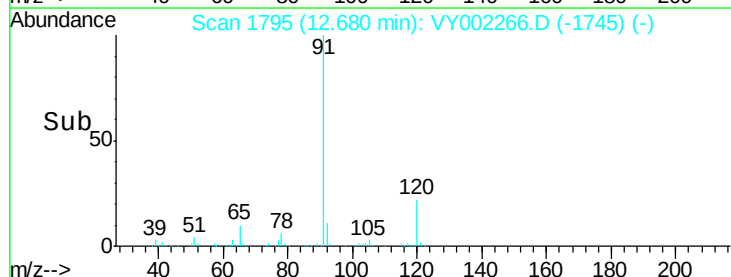
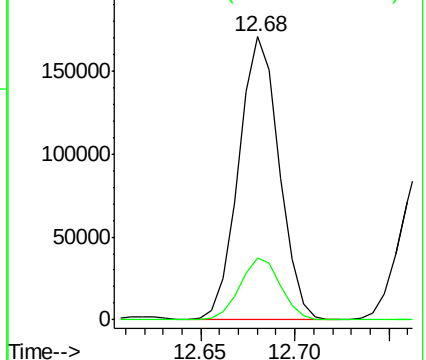
91 100

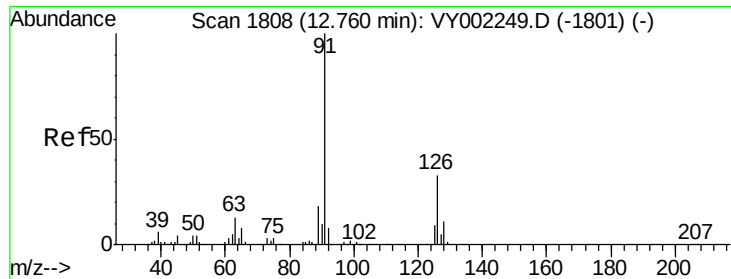
120 22.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.114 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

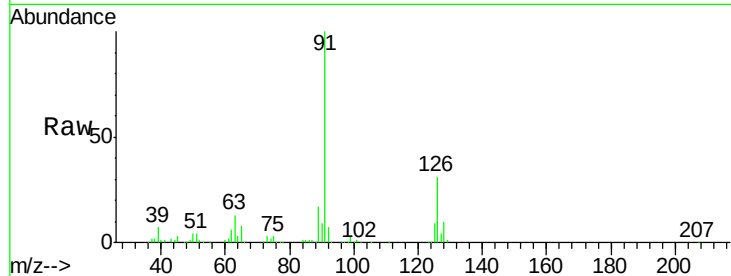
VY0409SBS01

Tot Ion: 91 Resp: 139868

Ion Ratio Lower Upper

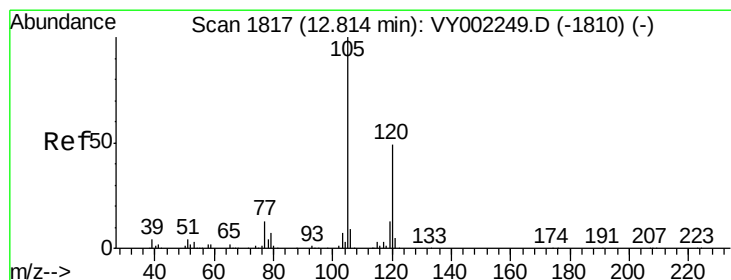
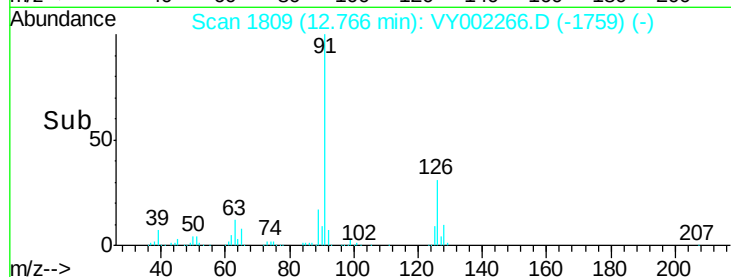
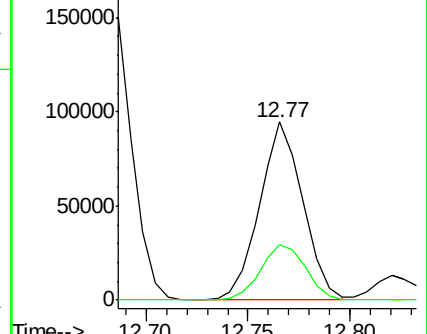
91 100

126 32.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0



#80

1,3,5-Trimethylbenzene

Concen: 20.859 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002266.D

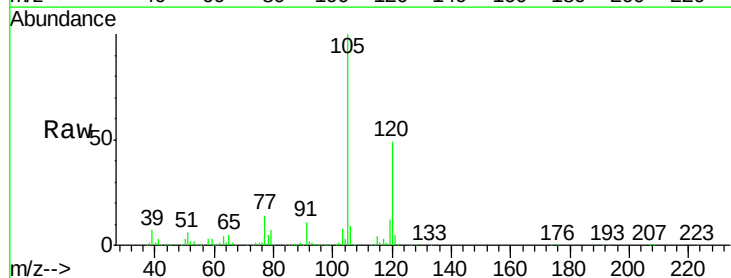
Acq: 09 Apr 2020 11:37

Tgt Ion: 105 Resp: 169073

Ion Ratio Lower Upper

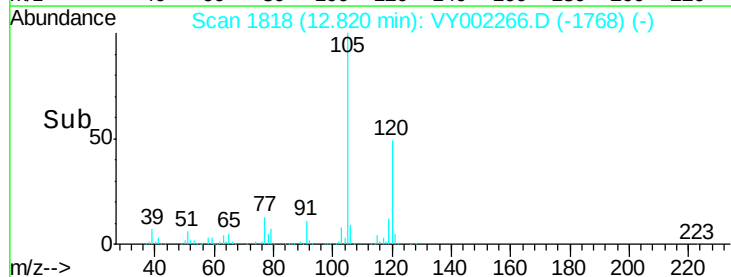
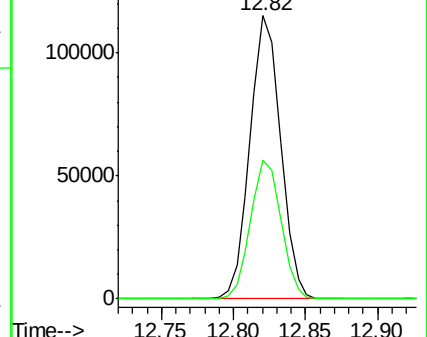
105 100

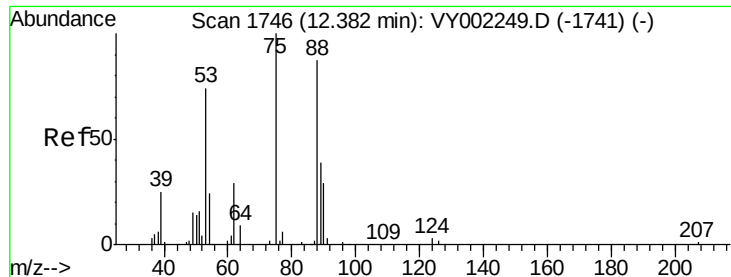
120 49.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY0

Ion 120.00 (119.70 to 120.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.745 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

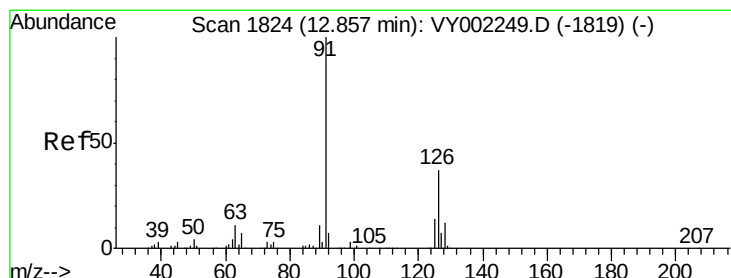
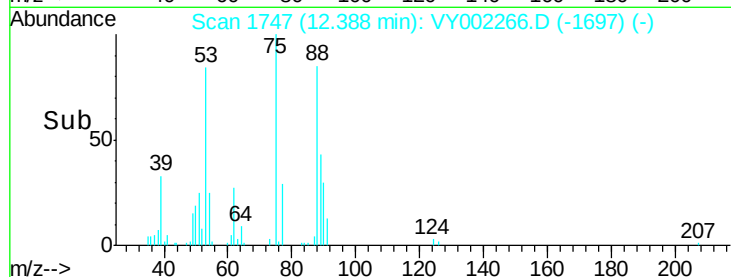
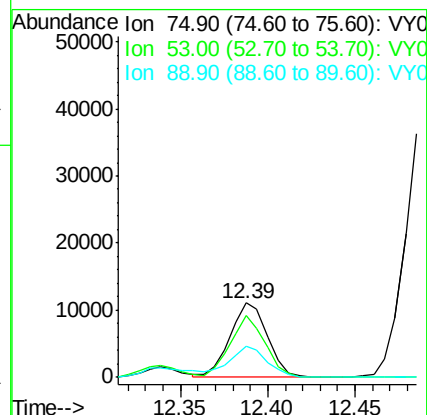
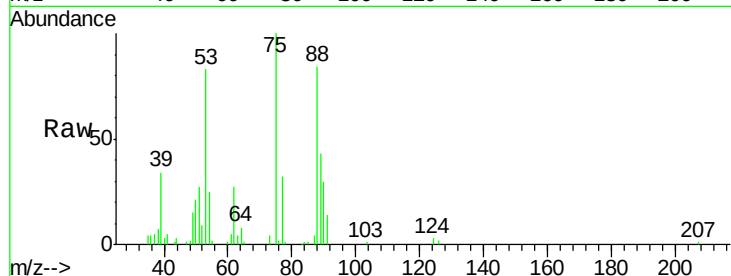
Tot Ion: 75 Resp: 16196

Ion Ratio Lower Upper

75 100

53 78.6 59.8 89.8

89 41.9 37.0 55.6



#82

4-Chlorotoluene

Concen: 20.876 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002266.D

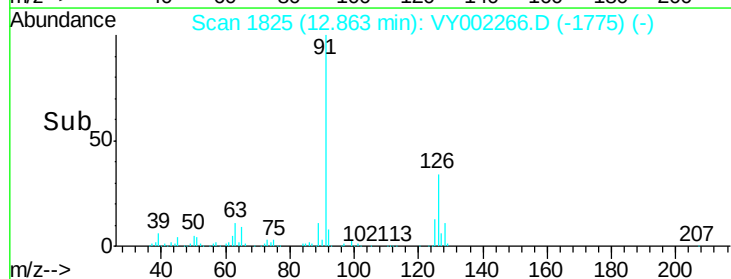
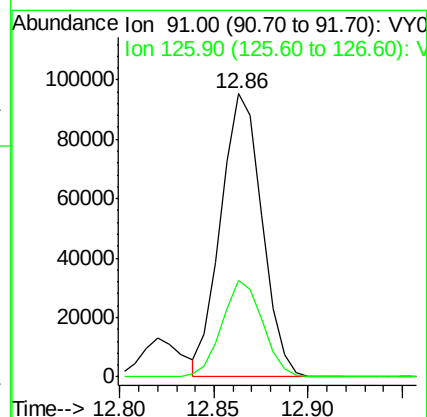
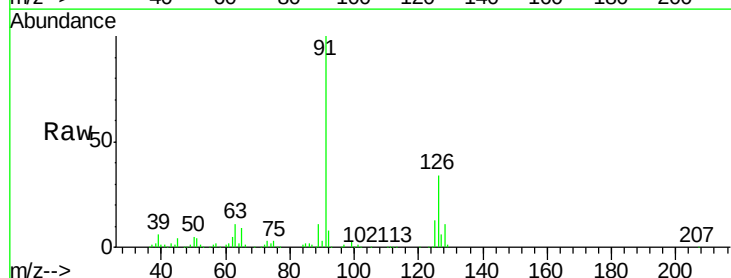
Acq: 09 Apr 2020 11:37

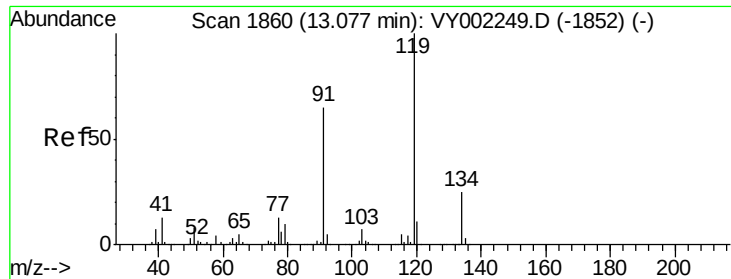
Tgt Ion: 91 Resp: 144943

Ion Ratio Lower Upper

91 100

126 33.4 16.9 50.7

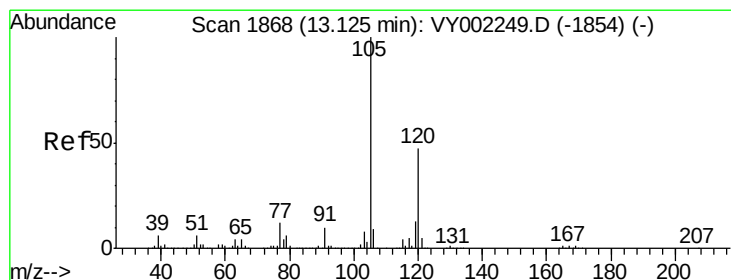
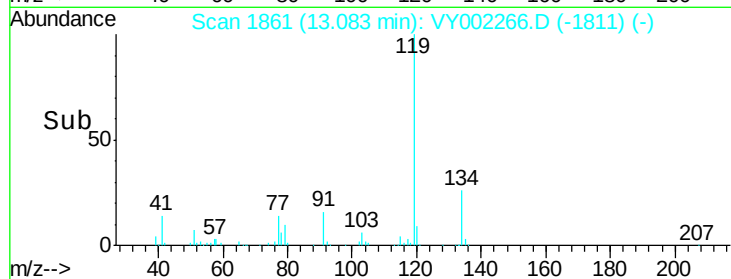
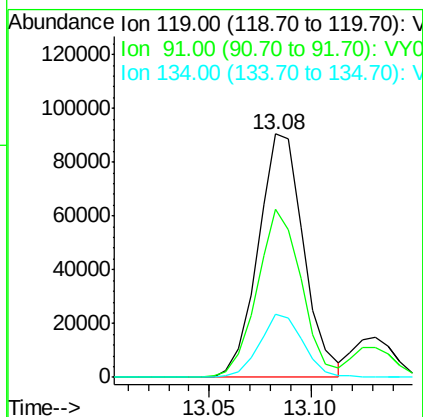
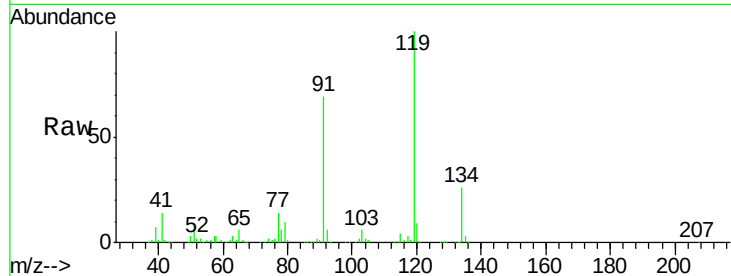




#83
 tert-Butylbenzene
 Concen: 20.708 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

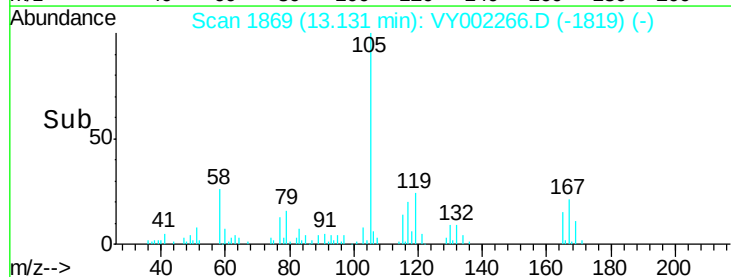
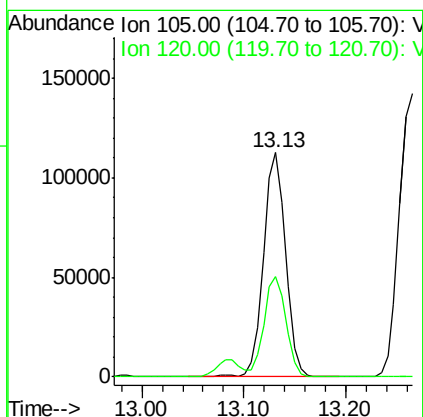
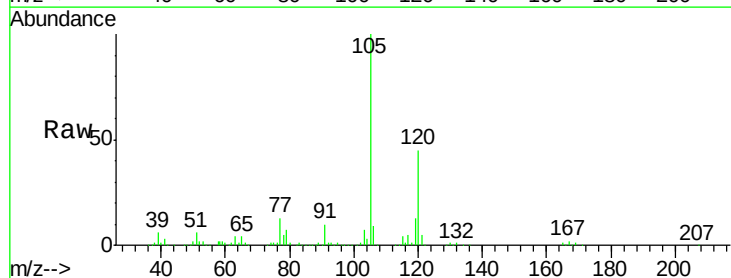
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

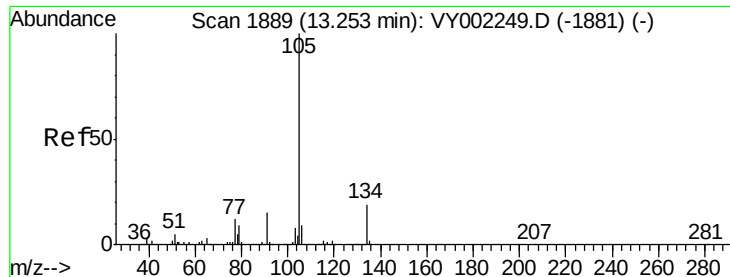
Tot Ion:119 Resp: 140599
 Ion Ratio Lower Upper
 119 100
 91 67.1 32.4 97.0
 134 25.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.998 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion:105 Resp: 169959
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.119 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

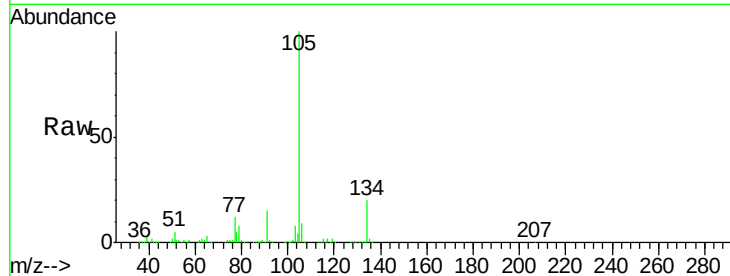
VY0409SBS01

Tot Ion:105 Resp: 213596

Ion Ratio Lower Upper

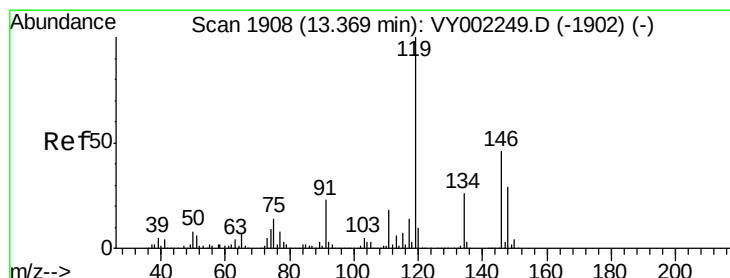
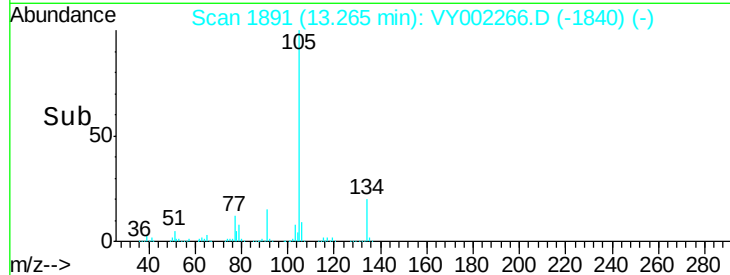
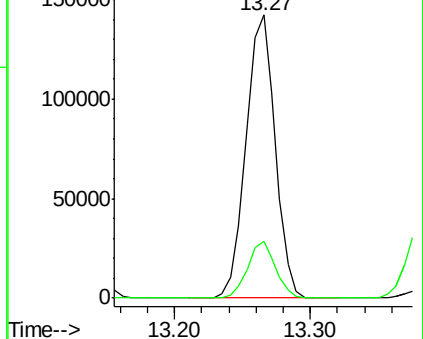
105 100

134 19.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.958 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

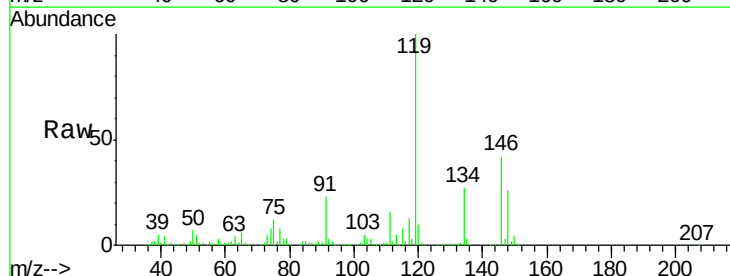
Tgt Ion:119 Resp: 182438

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

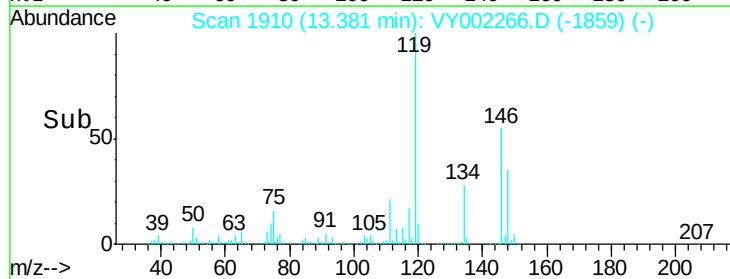
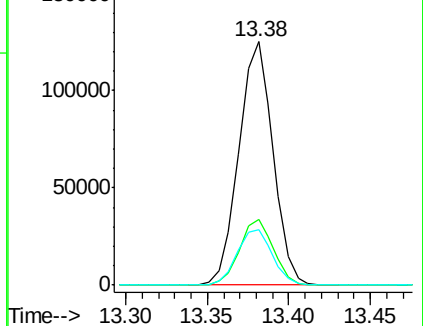
91 23.4 11.5 34.4

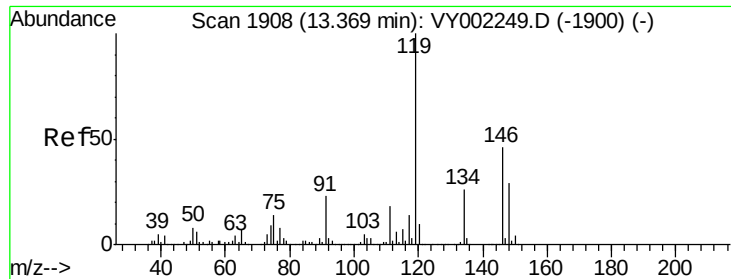


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

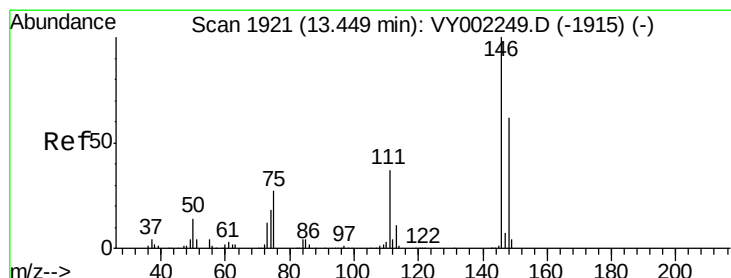
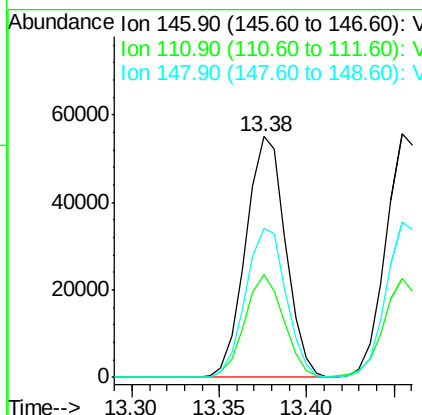
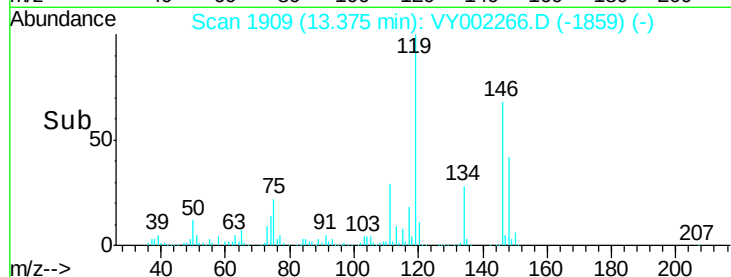
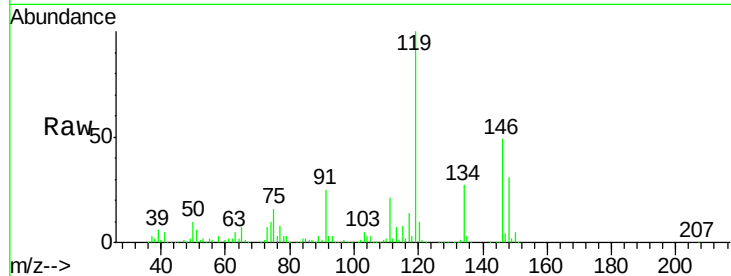




#87
 1,3-Dichlorobenzene
 Concen: 20.879 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

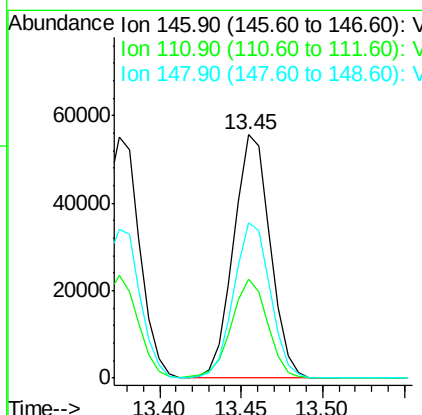
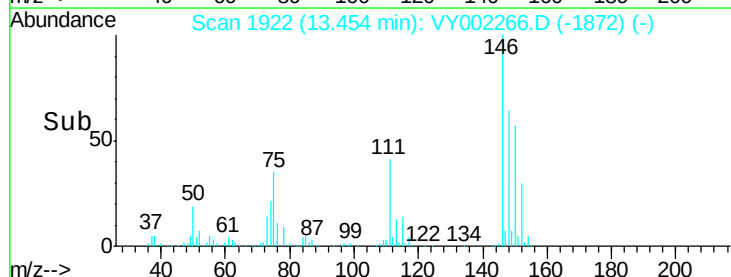
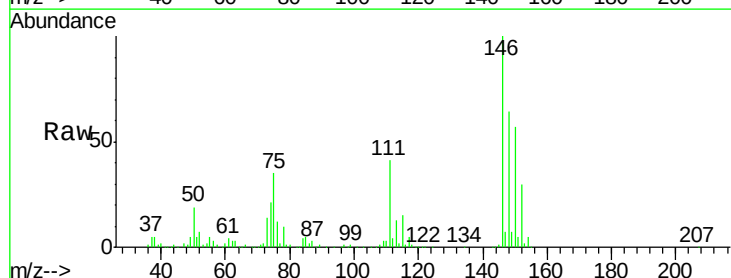
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

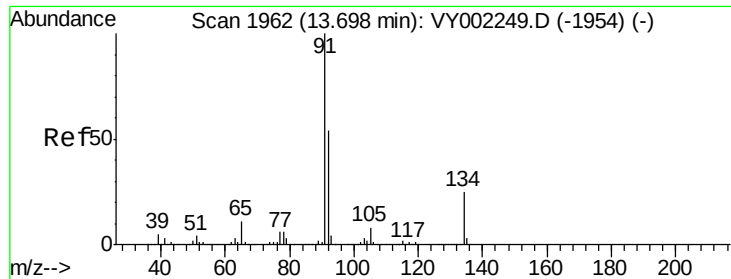
Tot Ion:146 Resp: 87252
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.8
 148 62.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.561 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion:146 Resp: 87220
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 63.7 32.0 96.0

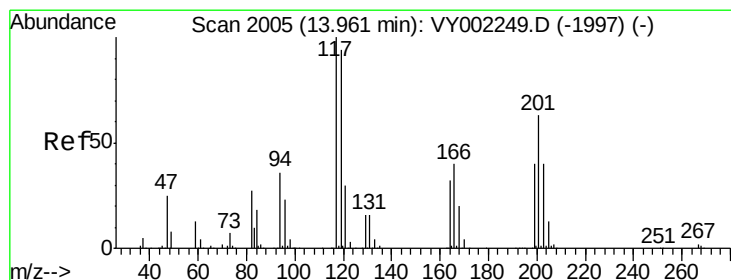
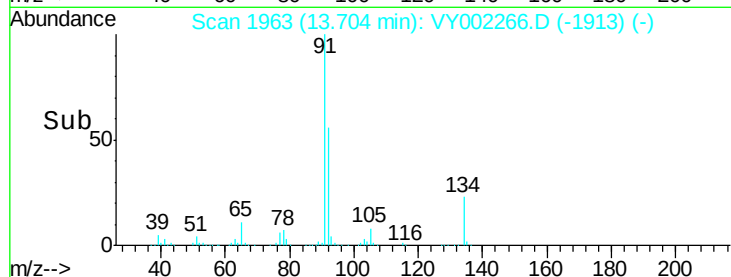
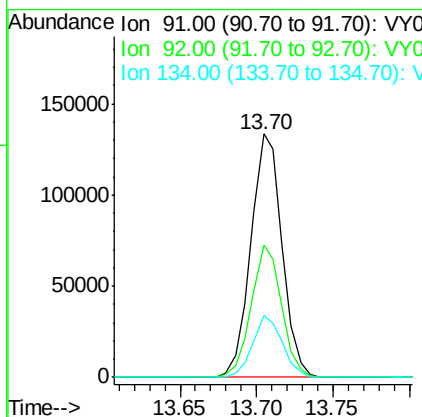
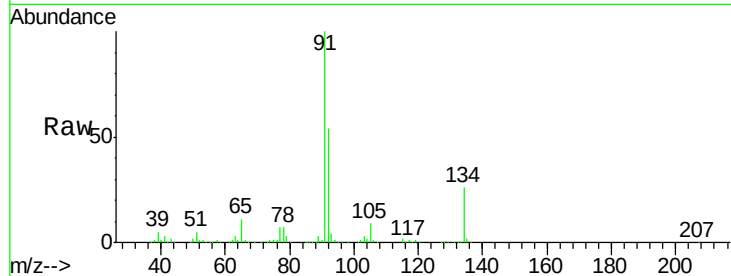




#89
n-Butylbenzene
Concen: 21.131 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

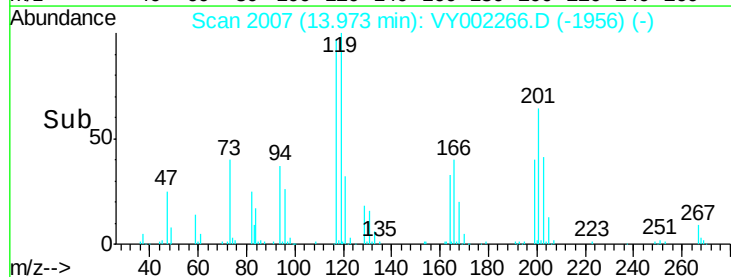
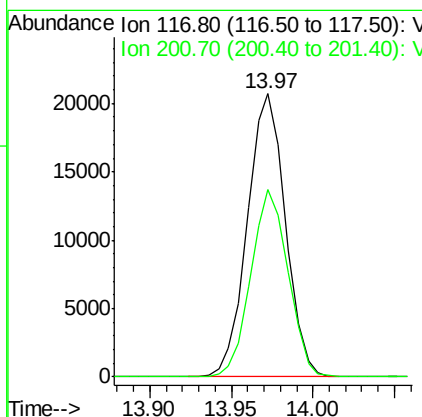
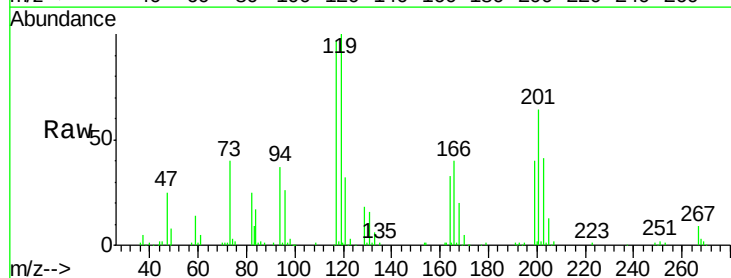
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBS01

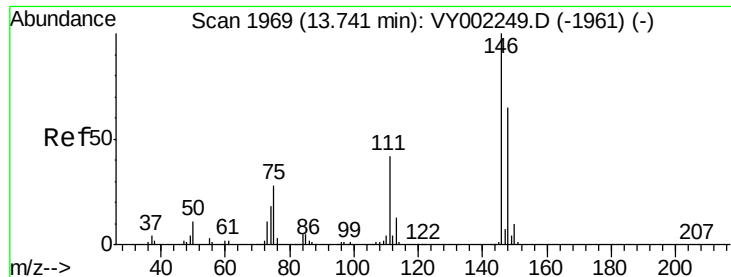
Tot Ion: 91 Resp: 188547
Ion Ratio Lower Upper
91 100
92 53.0 27.2 81.6
134 24.4 12.7 38.0



#90
Hexachloroethane
Concen: 20.176 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002266.D
Acq: 09 Apr 2020 11:37

Tgt Ion: 117 Resp: 33467
Ion Ratio Lower Upper
117 100
201 64.9 33.1 99.2

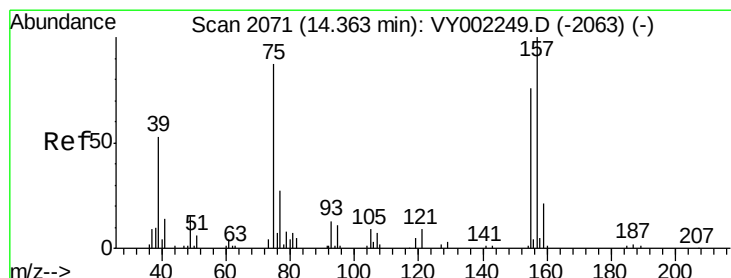
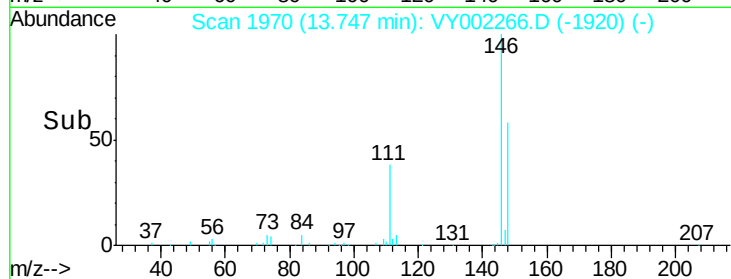
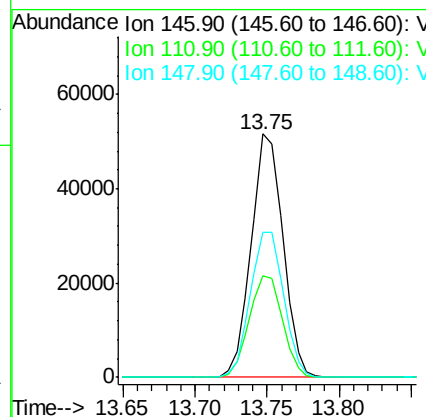
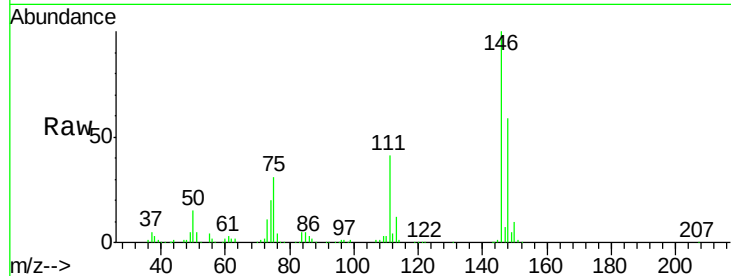




#91
 1,2-Dichlorobenzene
 Concen: 20.805 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

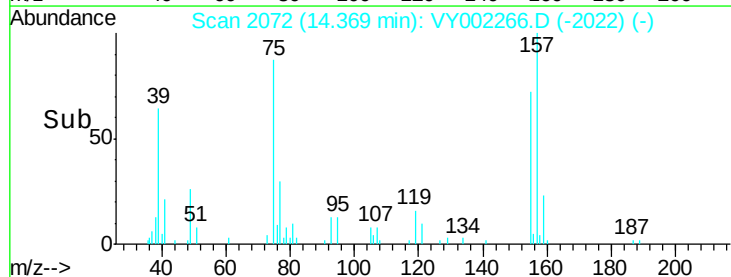
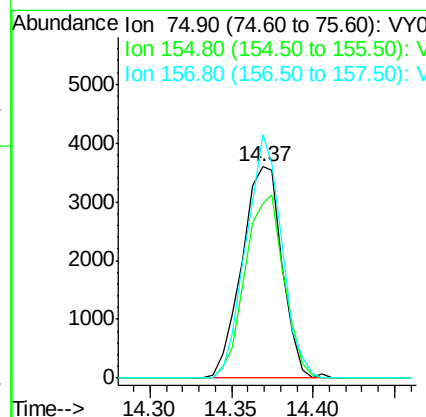
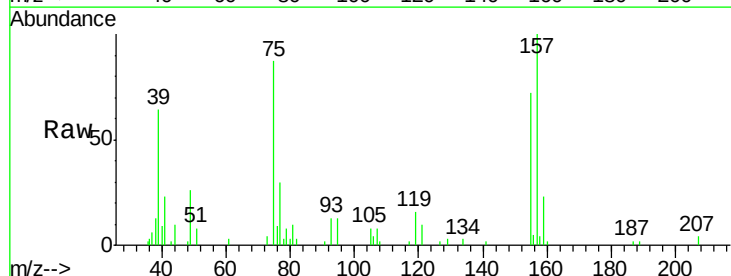
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

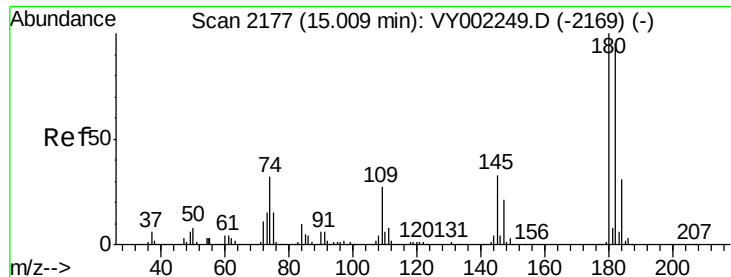
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.1
148	62.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.493 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	43.6	130.8
157	102.2	56.0	168.2

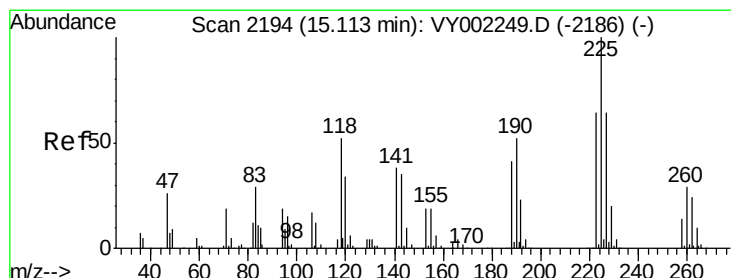
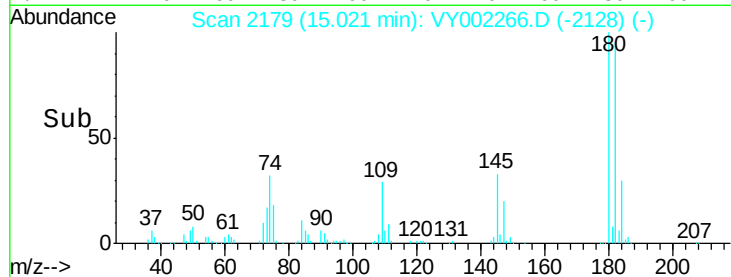
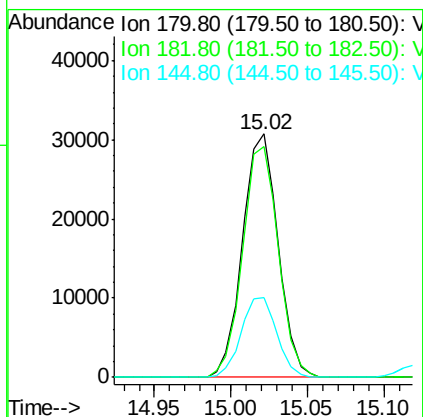
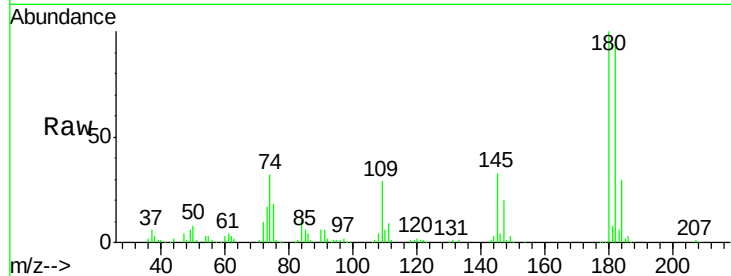




#93
 1,2,4-Trichlorobenzene
 Concen: 20.035 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

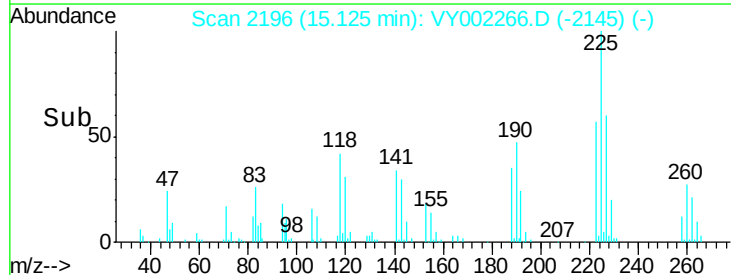
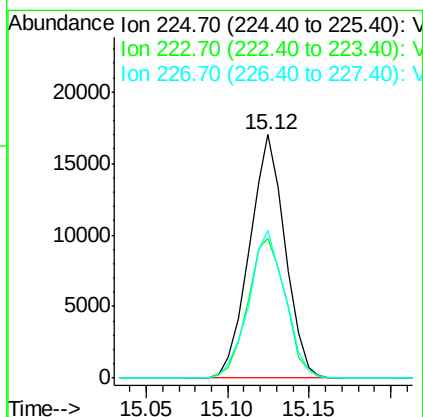
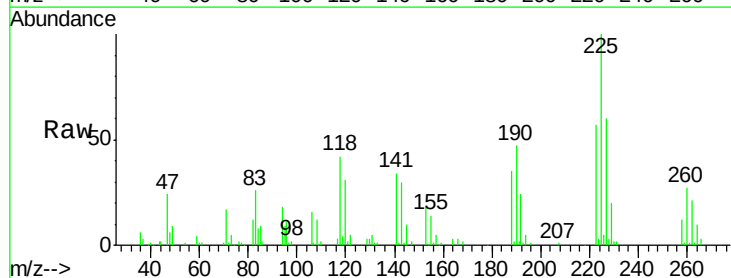
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBS01

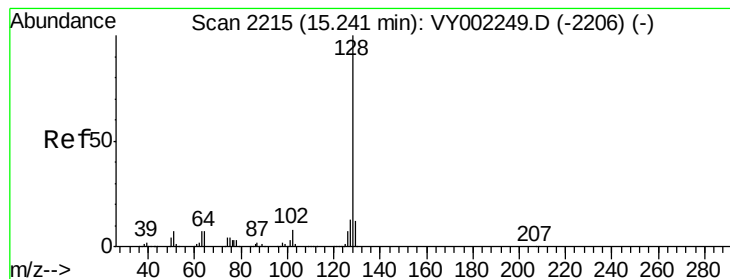
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	33.1	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 20.646 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002266.D
 Acq: 09 Apr 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.0	93.0
227	61.4	31.3	93.9





#95

Naphthalene

Concen: 20.815 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBS01

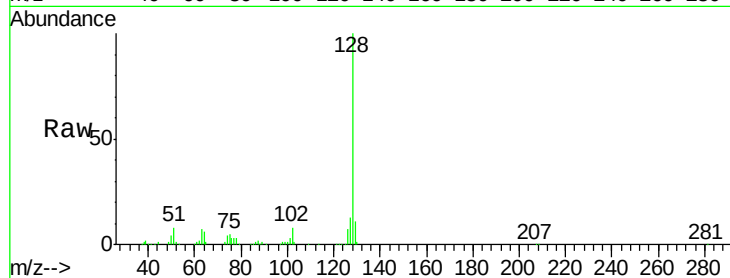
Tot Ion:128 Resp: 113116

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

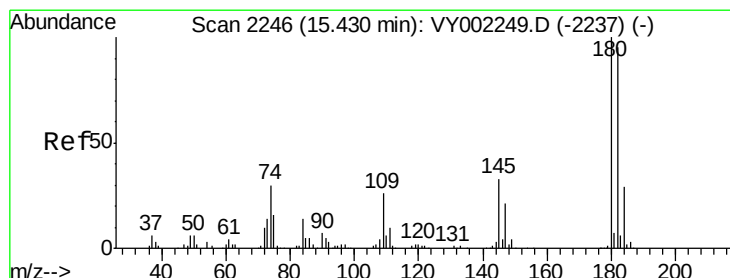
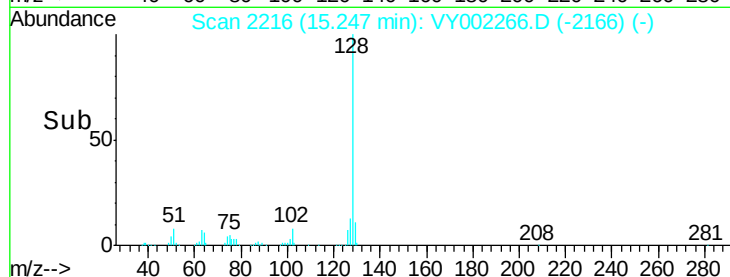
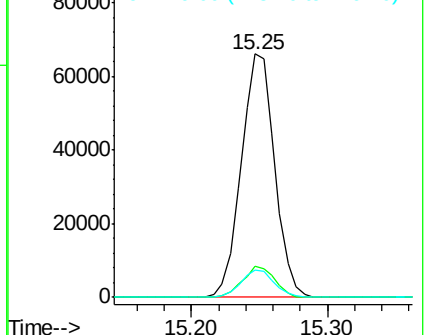
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.420 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002266.D

Acq: 09 Apr 2020 11:37

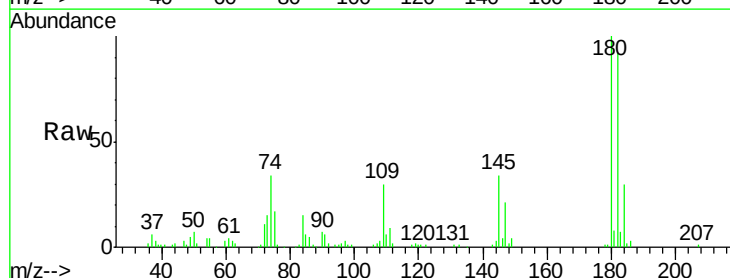
Tgt Ion:180 Resp: 44009

Ion Ratio Lower Upper

180 100

182 92.2 47.1 141.3

145 33.3 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

