

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
 Data File : VY001501.D
 Acq On : 05 Feb 2020 12:46
 Operator : SY/MD
 Sample : VY0205SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Quant Time: Feb 05 14:17:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	220550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	393641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	352572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	164244	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	128561	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
35) Dibromofluoromethane	7.74	113	119542	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.19	98	485141	56.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.98%	
62) 4-Bromofluorobenzene	12.49	95	178041	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	42863	19.85	ug/l	98
3) Chloromethane	2.13	50	54982	24.37	ug/l	94
4) Vinyl Chloride	2.27	62	56000	23.90	ug/l	94
5) Bromomethane	2.66	94	33853	22.97	ug/l	100
6) Chloroethane	2.81	64	32785	23.21	ug/l	95
7) Trichlorofluoromethane	3.15	101	82616	21.30	ug/l	98
8) Diethyl Ether	3.55	74	29894	22.84	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.93	101	50451	21.62	ug/l	98
10) Methyl Iodide	4.11	142	57333	19.28	ug/l	99
11) Tert butyl alcohol	4.98	59	34340	119.92	ug/l	# 76
12) 1,1-Dichloroethene	3.90	96	49914	21.53	ug/l	92
13) Acrolein	3.75	56	26183	124.52	ug/l	99
14) Allyl chloride	4.51	41	84490	23.82	ug/l	95
15) Acrylonitrile	5.19	53	74464	124.12	ug/l	100
16) Acetone	3.97	43	69445	108.11	ug/l	98
17) Carbon Disulfide	4.22	76	166236	22.52	ug/l	99
18) Methyl Acetate	4.51	43	35380	25.81	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	142072	23.04	ug/l	99
20) Methylene Chloride	4.74	84	61688	21.87	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	56636	21.97	ug/l	95
22) Diisopropyl ether	6.14	45	169246	24.08	ug/l	98
23) Vinyl Acetate	6.08	43	551402	123.25	ug/l	96
24) 1,1-Dichloroethane	6.05	63	95928	22.69	ug/l	97
25) 2-Butanone	7.02	43	99363	119.24	ug/l	98
26) 2,2-Dichloropropane	7.00	77	87922	21.73	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	62413	22.17	ug/l	97
28) Bromochloromethane	7.36	49	31099	21.60	ug/l	93
29) Tetrahydrofuran	7.37	42	64517	129.17	ug/l	97
30) Chloroform	7.53	83	95676	22.34	ug/l	96
31) Cyclohexane	7.80	56	98590	22.80	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	83857	21.60	ug/l	99
36) 1,1-Dichloropropene	7.94	75	78186	21.71	ug/l	99
37) Ethyl Acetate	7.10	43	44021	25.25	ug/l	97
38) Carbon Tetrachloride	7.92	117	72974	20.95	ug/l	99

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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)
39) Methylcyclohexane	9.20	83	103328	21.79	ug/l	99
40) Benzene	8.18	78	223857	21.79	ug/l	99
41) Methacrylonitrile	7.36	41	58169	72.00	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	62606	21.88	ug/l	100
43) Isopropyl Acetate	8.29	43	83610	24.22	ug/l	97
44) Trichloroethene	8.96	130	57151	20.64	ug/l	95
45) 1,2-Dichloropropane	9.23	63	56045	22.60	ug/l	99
46) Dibromomethane	9.32	93	30351	21.79	ug/l	98
47) Bromodichloromethane	9.51	83	73037	21.52	ug/l	97
48) Methyl methacrylate	9.31	41	37733	24.09	ug/l	95
49) 1,4-Dioxane	9.32	88	8118	441.36	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	212369	124.94	ug/l	98
52) Toluene	10.25	92	142920	21.93	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	81968	22.18	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	93848	22.12	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	44894	22.47	ug/l	98
56) Ethyl methacrylate	10.52	69	66068	23.25	ug/l	98
57) 1,3-Dichloropropane	10.80	76	79022	22.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	113106	108.18	ug/l	96
59) 2-Hexanone	10.85	43	151940	122.94	ug/l	99
60) Dibromochloromethane	11.00	129	50089	21.27	ug/l	99
61) 1,2-Dibromoethane	11.10	107	44266	22.49	ug/l	96
64) Tetrachloroethene	10.73	164	46576	20.14	ug/l	99
65) Chlorobenzene	11.53	112	145833	21.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	51367	21.20	ug/l	98
67) Ethyl Benzene	11.60	91	274281	21.43	ug/l	98
68) m/p-Xylenes	11.71	106	205318	42.73	ug/l	100
69) o-Xylene	12.04	106	96446	21.29	ug/l	98
70) Styrene	12.05	104	168872	21.55	ug/l	99
71) Bromoform	12.22	173	28917	21.43	ug/l #	98
73) Isopropylbenzene	12.34	105	261634	20.89	ug/l	99
74) N-amyl acetate	12.16	43	75630	23.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	55061	23.14	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	73364	41.54	ug/l #	100
77) Bromobenzene	12.62	156	56507	20.84	ug/l	94
78) n-propylbenzene	12.68	91	319960	21.34	ug/l	99
79) 2-Chlorotoluene	12.77	91	180720	21.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	223232	21.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	20974	22.98	ug/l	97
82) 4-Chlorotoluene	12.86	91	191410	21.36	ug/l	99
83) tert-Butylbenzene	13.09	119	189622	21.26	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	222396	21.30	ug/l	99
85) sec-Butylbenzene	13.27	105	272102	21.70	ug/l	99
86) p-Isopropyltoluene	13.38	119	238523	21.59	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	111862	21.53	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	110448	21.22	ug/l	98
89) n-Butylbenzene	13.70	91	239464	21.97	ug/l	100
90) Hexachloroethane	13.97	117	45923	21.66	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	98892	21.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9848	22.41	ug/l	99

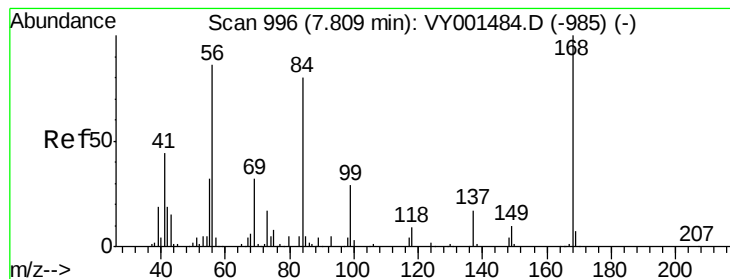
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	68313	21.53	ug/l	99
94) Hexachlorobutadiene	15.13	225	33764	20.97	ug/l	99
95) Naphthalene	15.25	128	159408	21.38	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	59371	21.20	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

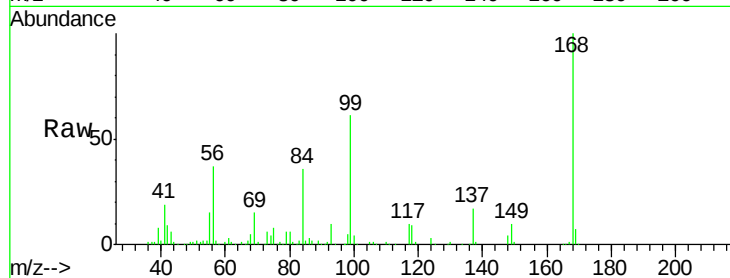
VY0205SBS01

Tgt Ion:168 Resp: 220550

Ion Ratio Lower Upper

168 100

99 61.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001501.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001501.D (-947) (-)

7.81

100000

80000

60000

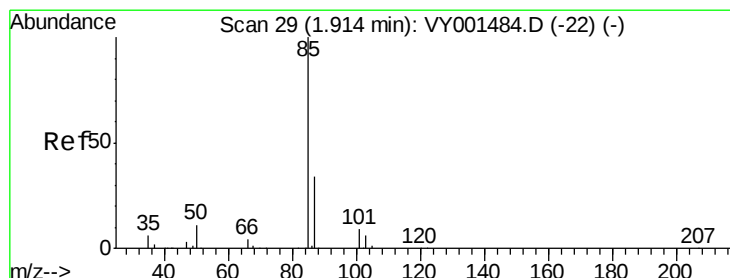
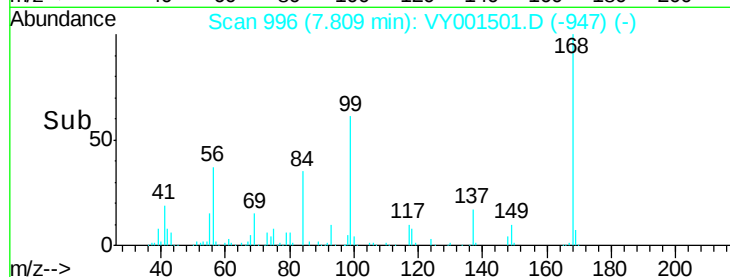
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.85 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001501.D

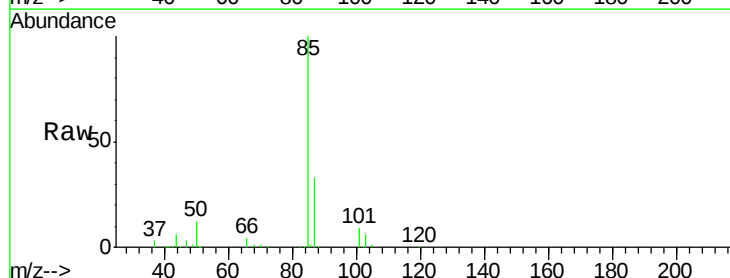
Acq: 05 Feb 2020 12:46

Tgt Ion: 85 Resp: 42863

Ion Ratio Lower Upper

85 100

87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001501.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001501.D (-1) (-)

1.91

30000

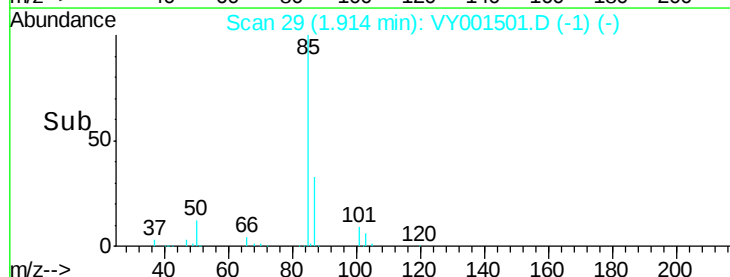
20000

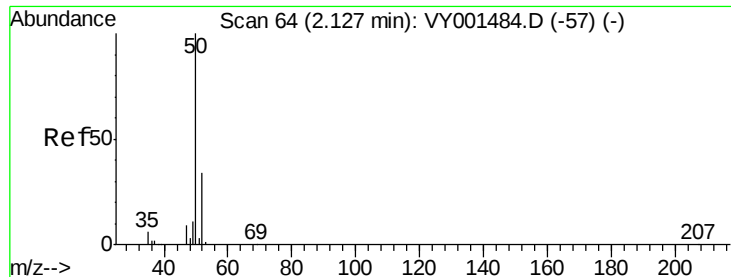
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 24.37 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

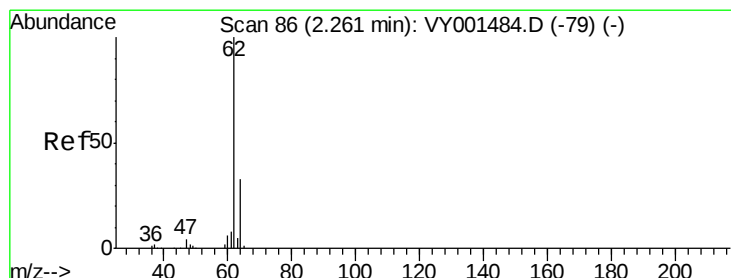
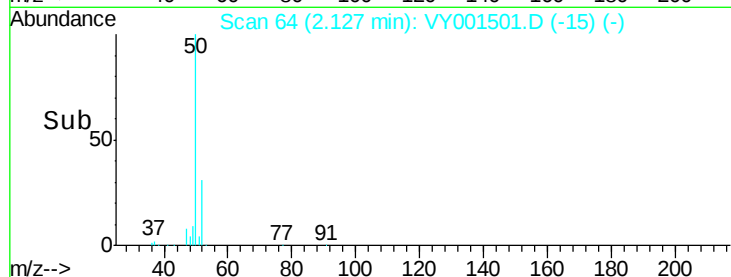
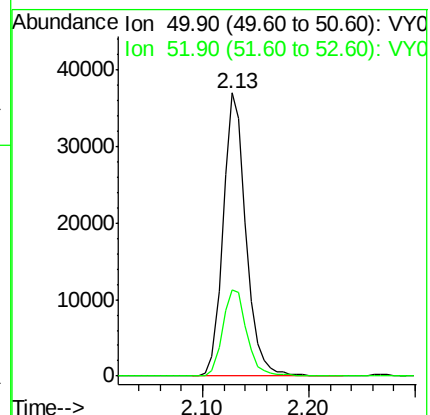
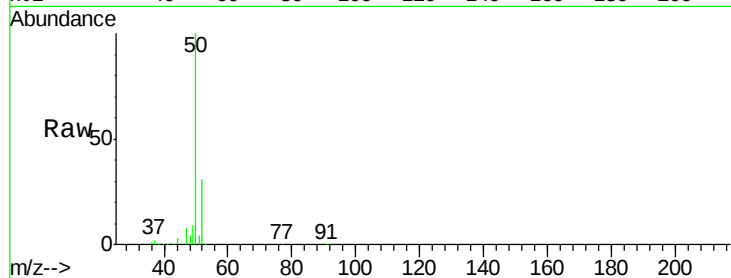
VY0205SBS01

Tgt Ion: 50 Resp: 54982

Ion Ratio Lower Upper

50 100

52 30.6 27.3 40.9



#4

Vinyl Chloride

Concen: 23.90 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001501.D

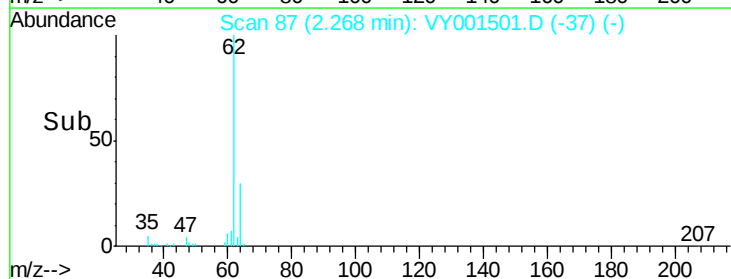
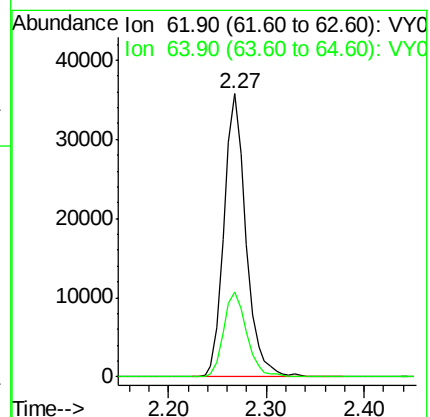
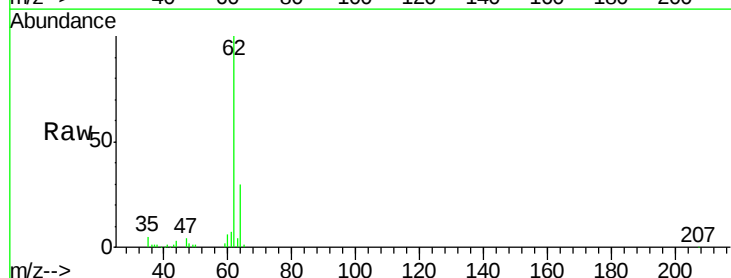
Acq: 05 Feb 2020 12:46

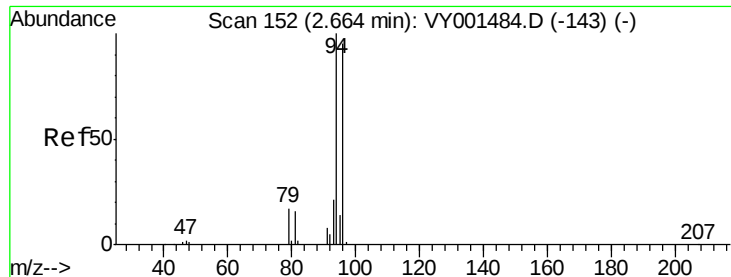
Tgt Ion: 62 Resp: 56000

Ion Ratio Lower Upper

62 100

64 29.9 26.4 39.6





#5

Bromomethane

Concen: 22.97 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

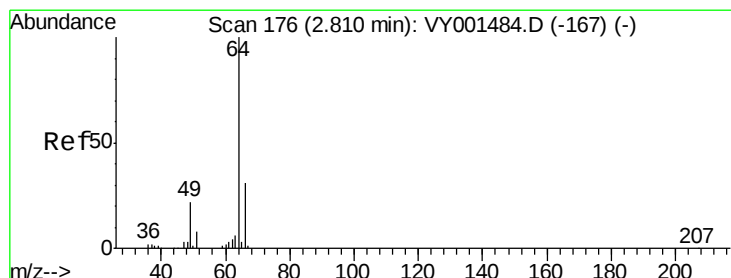
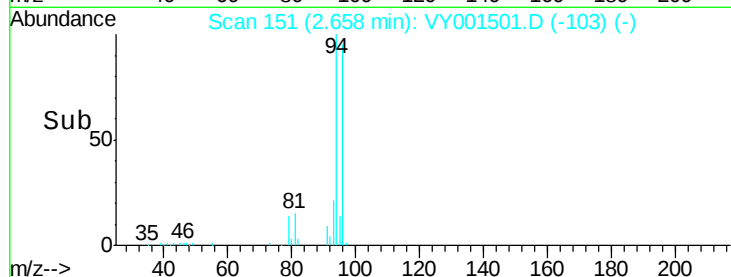
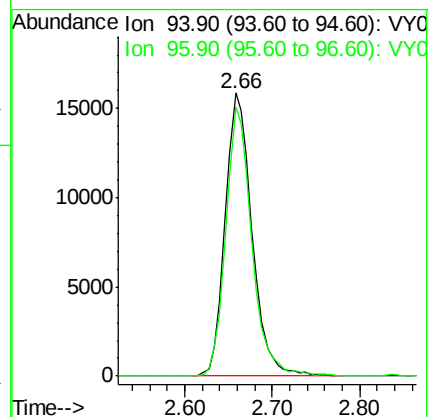
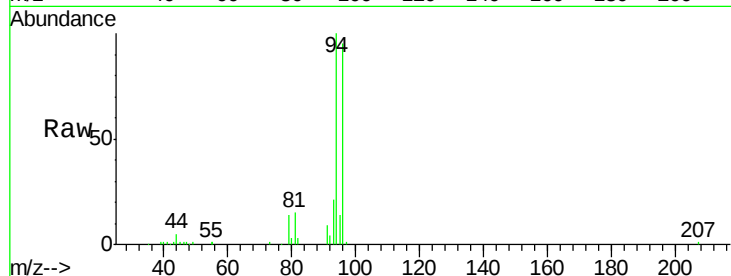
VY0205SBS01

Tgt Ion: 94 Resp: 33853

Ion Ratio Lower Upper

94 100

96 95.0 76.2 114.2



#6

Chloroethane

Concen: 23.21 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001501.D

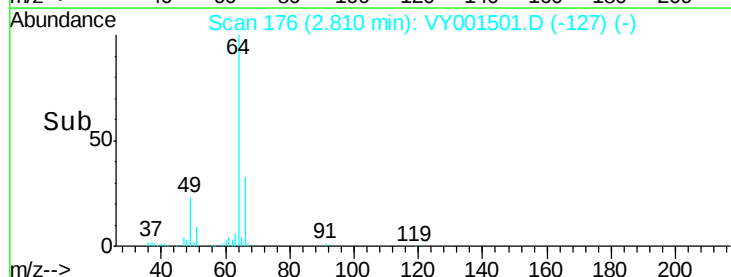
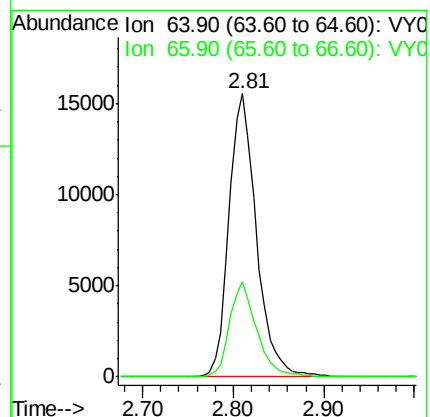
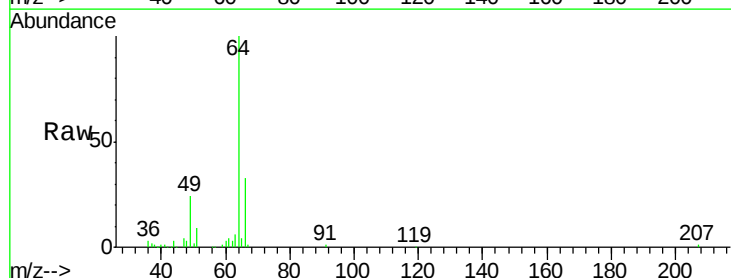
Acq: 05 Feb 2020 12:46

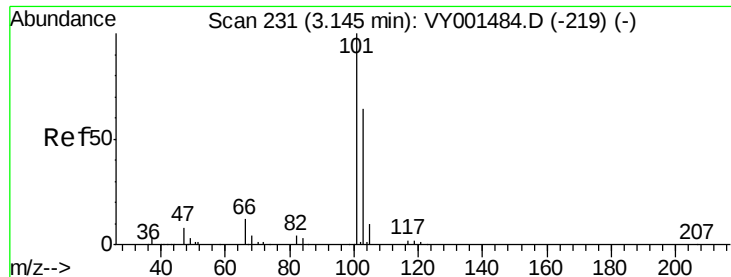
Tgt Ion: 64 Resp: 32785

Ion Ratio Lower Upper

64 100

66 33.4 24.5 36.7





#7

Trichlorofluoromethane

Concen: 21.30 ug/l

RT: 3.15 min Scan# 231

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

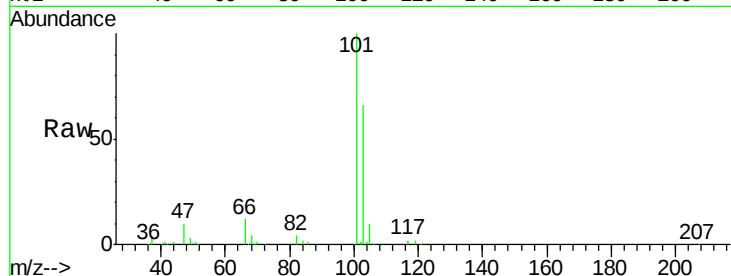
VY0205SBS01

Tgt Ion:101 Resp: 82616

Ion Ratio Lower Upper

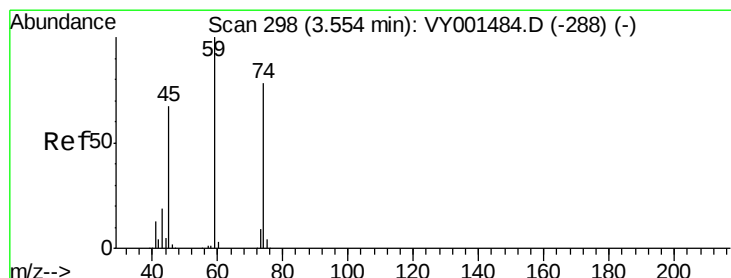
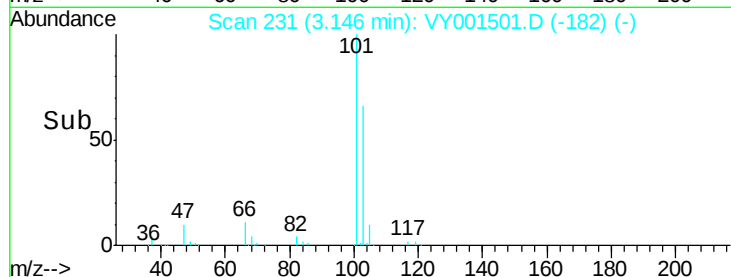
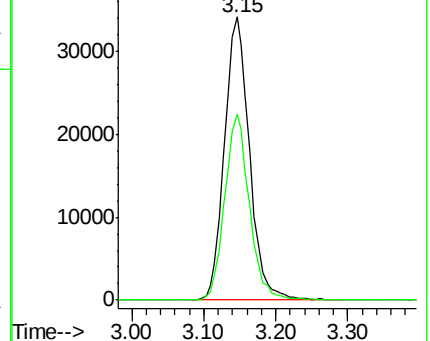
101 100

103 65.5 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 22.84 ug/l

RT: 3.55 min Scan# 298

Delta R.T. 0.00 min

Lab File: VY001501.D

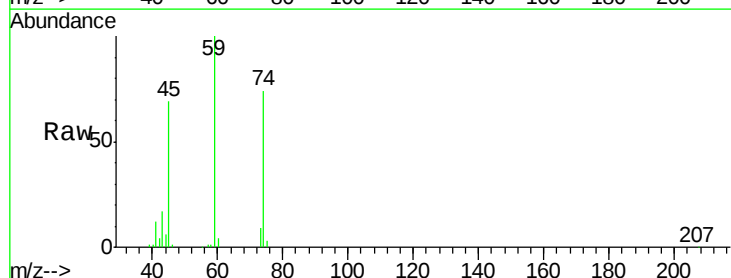
Acq: 05 Feb 2020 12:46

Tgt Ion: 74 Resp: 29894

Ion Ratio Lower Upper

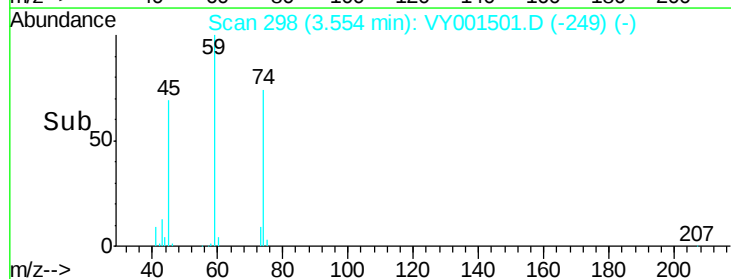
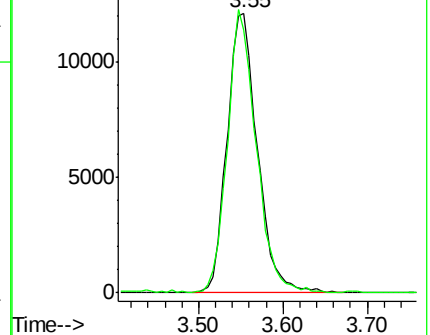
74 100

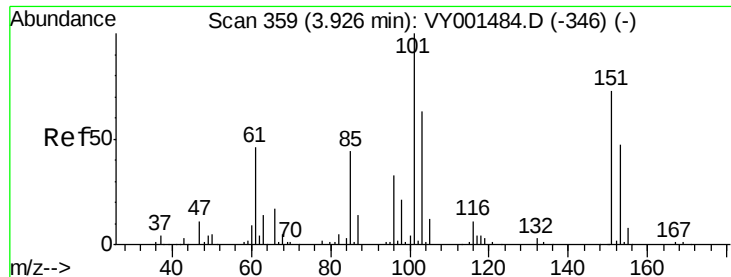
45 96.0 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.62 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

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ClientSampleId :

VY0205SBS01

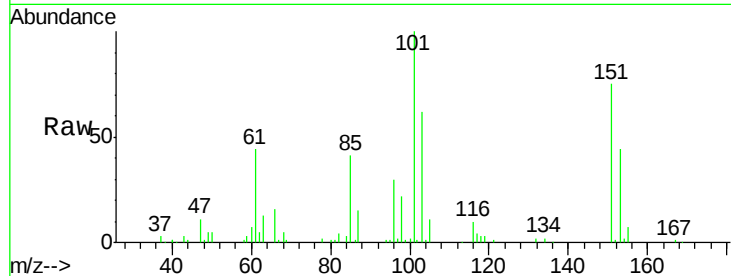
Tgt Ion:101 Resp: 50451

Ion Ratio Lower Upper

101 100

85 43.4 34.6 51.8

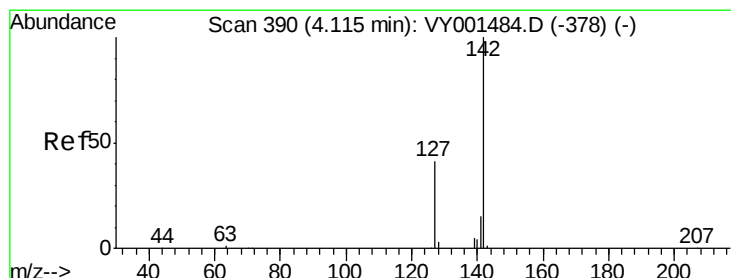
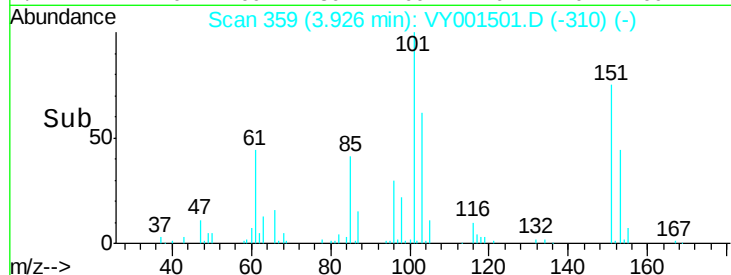
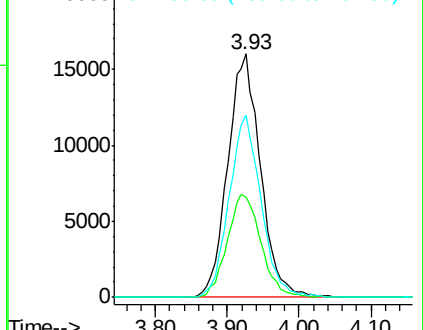
151 73.2 60.3 90.5



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: 19.28 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

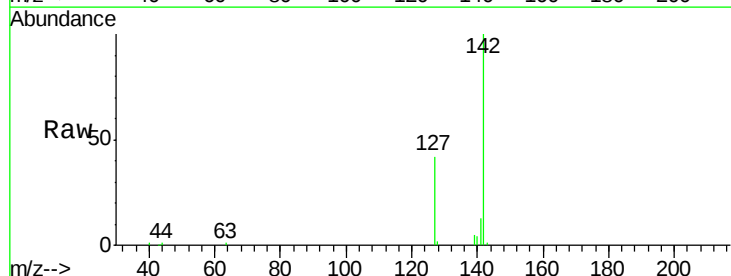
Tgt Ion:142 Resp: 57333

Ion Ratio Lower Upper

142 100

127 41.1 33.3 49.9

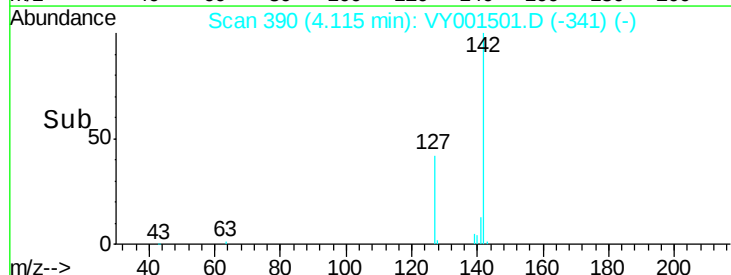
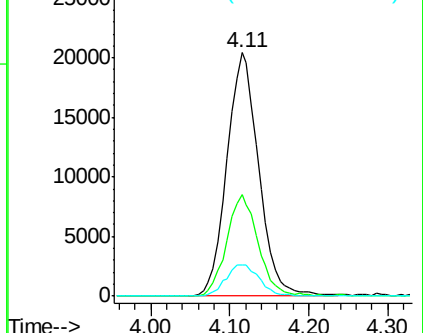
141 13.7 11.5 17.3

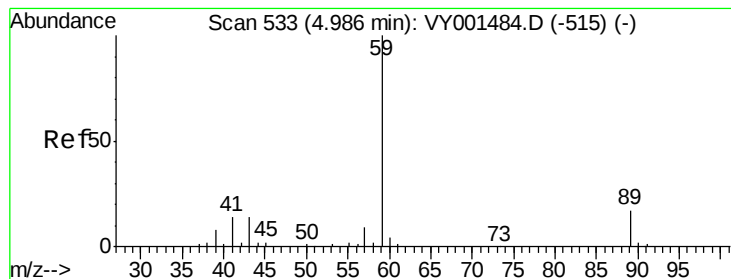


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 119.92 ug/l

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

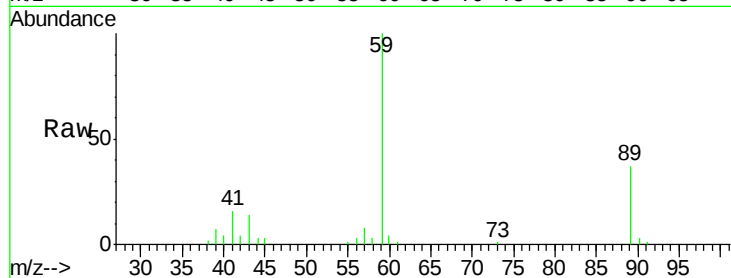
VY0205SBS01

Tgt Ion: 59 Resp: 34340

Ion Ratio Lower Upper

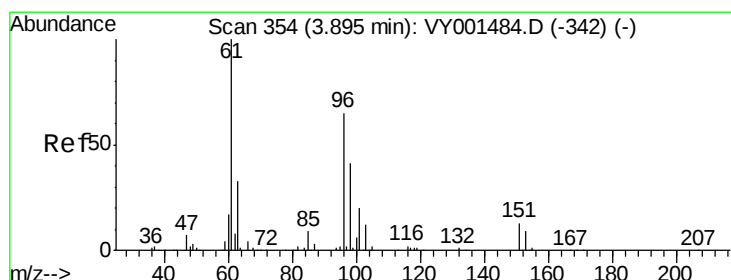
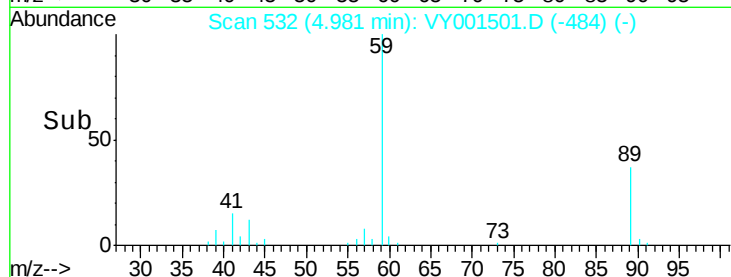
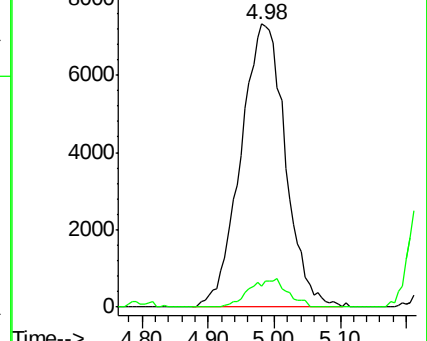
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 21.53 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

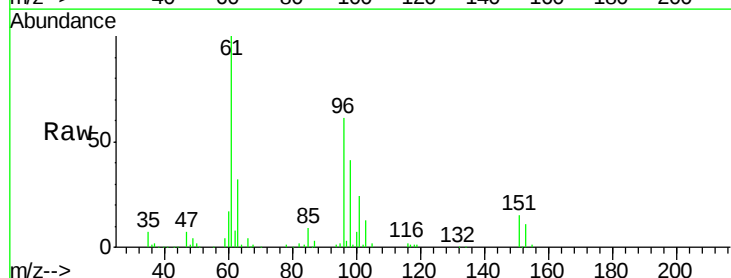
Tgt Ion: 96 Resp: 49914

Ion Ratio Lower Upper

96 100

61 163.3 122.3 183.5

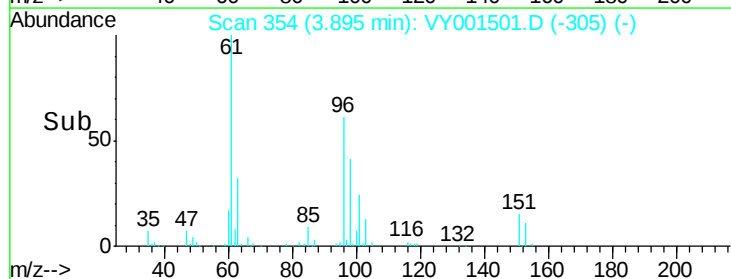
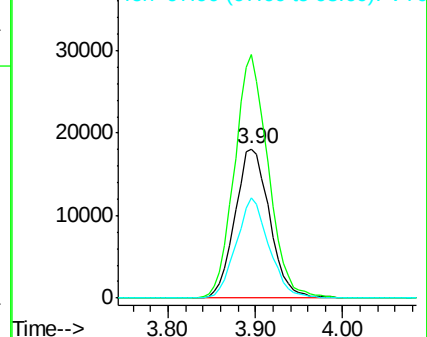
98 67.6 49.7 74.5

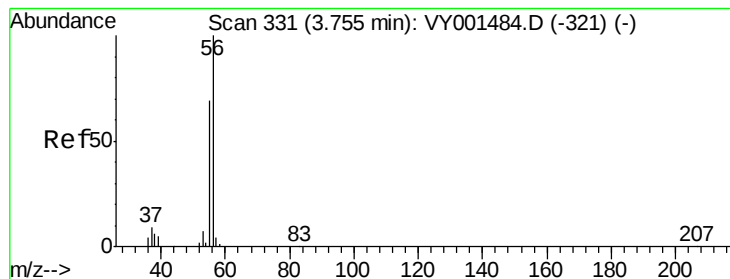


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 124.52 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

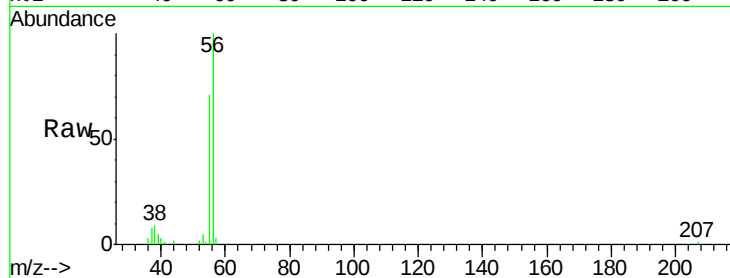
VY0205SBS01

Tgt Ion: 56 Resp: 26183

Ion Ratio Lower Upper

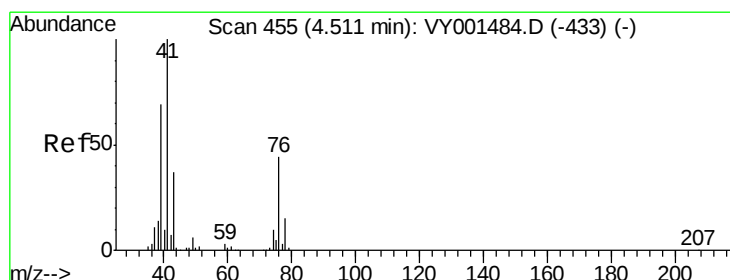
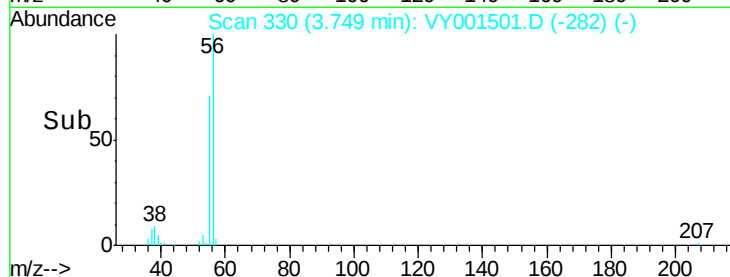
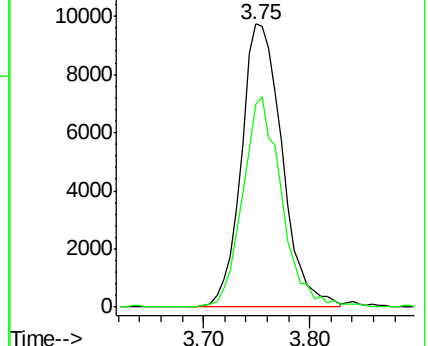
56 100

55 70.9 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 23.82 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

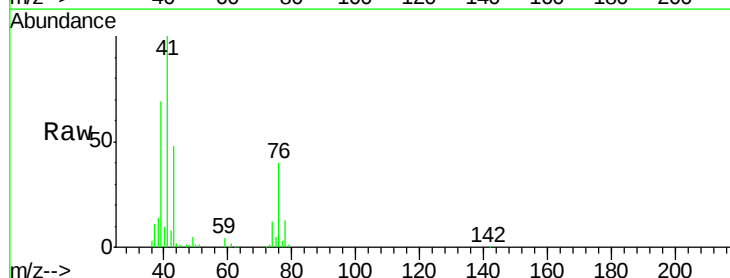
Tgt Ion: 41 Resp: 84490

Ion Ratio Lower Upper

41 100

39 62.5 53.0 79.6

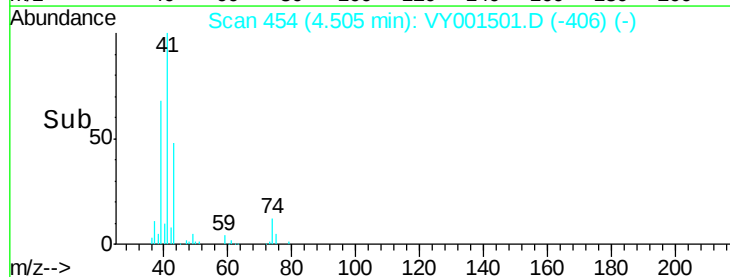
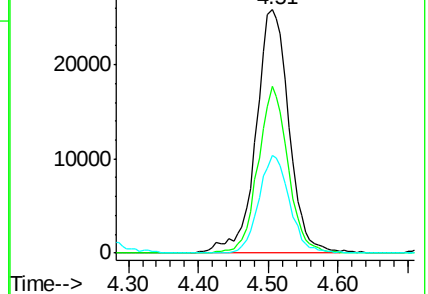
76 37.4 32.6 48.8



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: 124.12 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

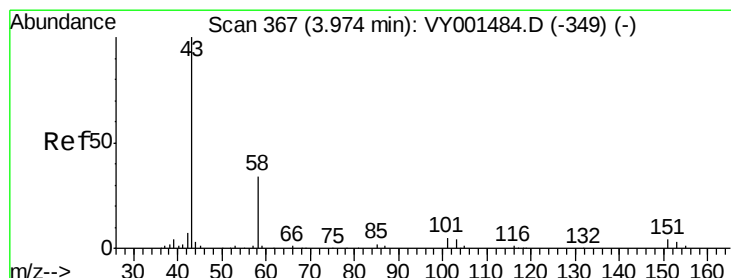
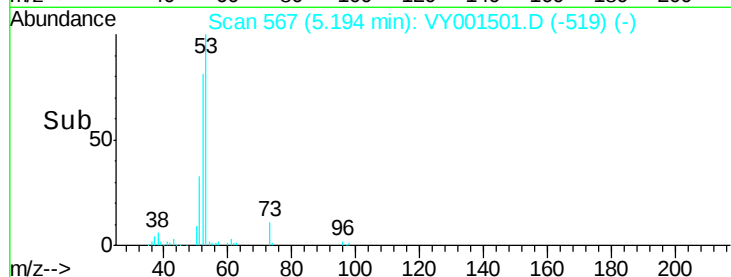
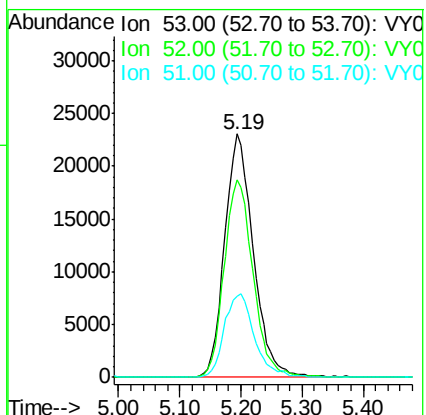
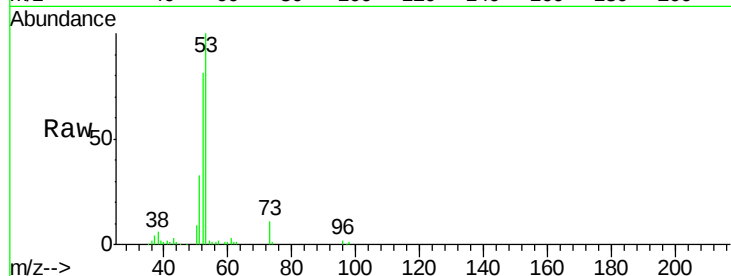
Tgt Ion: 53 Resp: 74464

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.2

51 36.2 29.0 43.4



#16

Acetone

Concen: 108.11 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001501.D

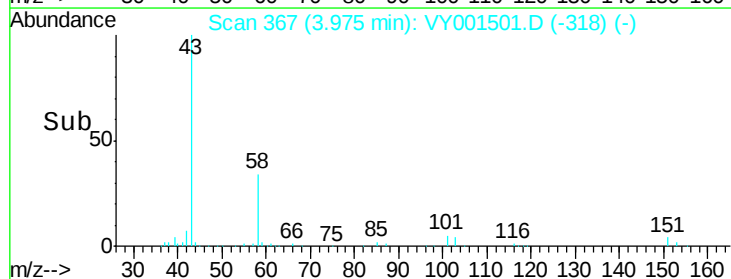
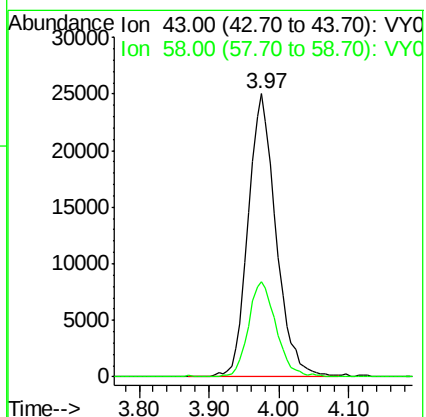
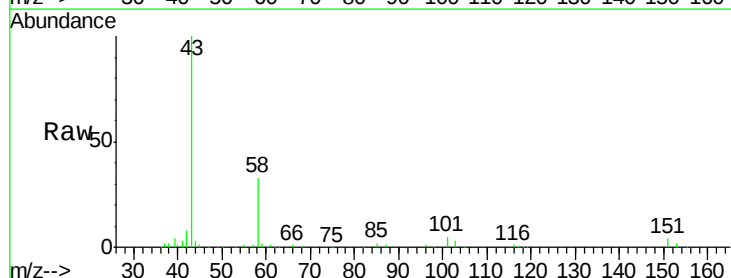
Acq: 05 Feb 2020 12:46

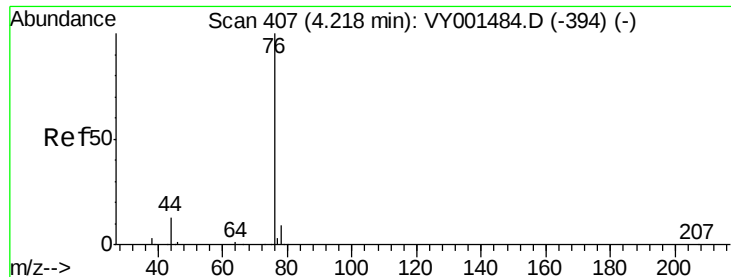
Tgt Ion: 43 Resp: 69445

Ion Ratio Lower Upper

43 100

58 33.3 27.5 41.3





#17

Carbon Disulfide

Concen: 22.52 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

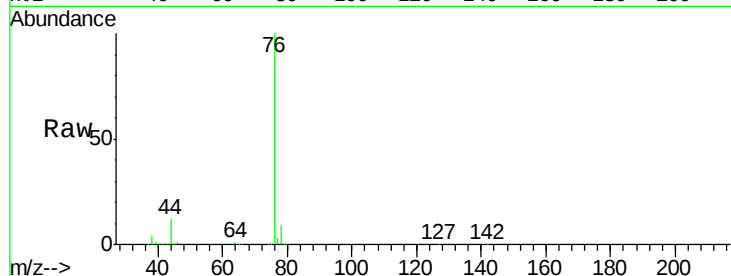
VY0205SBS01

Tgt Ion: 76 Resp: 166236

Ion Ratio Lower Upper

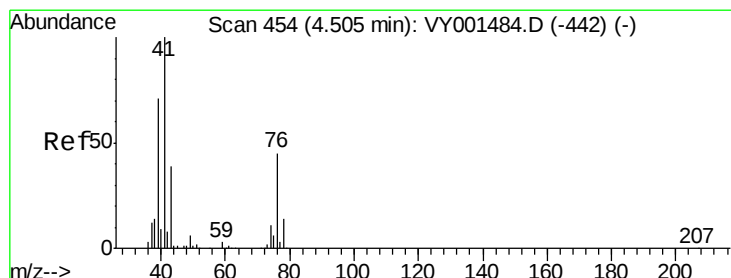
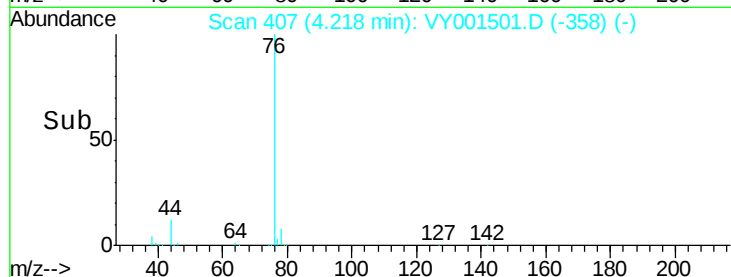
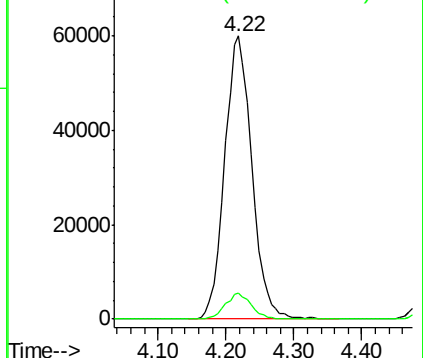
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.81 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001501.D

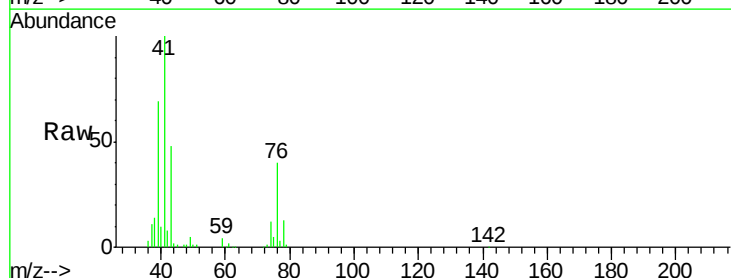
Acq: 05 Feb 2020 12:46

Tgt Ion: 43 Resp: 35380

Ion Ratio Lower Upper

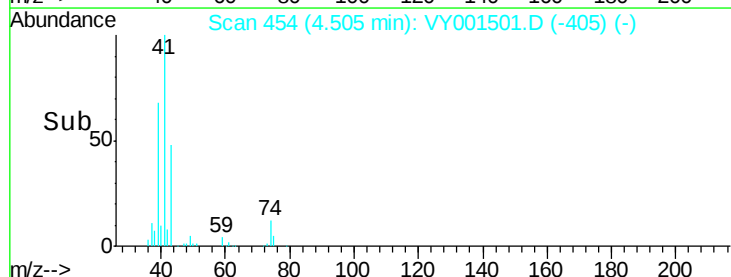
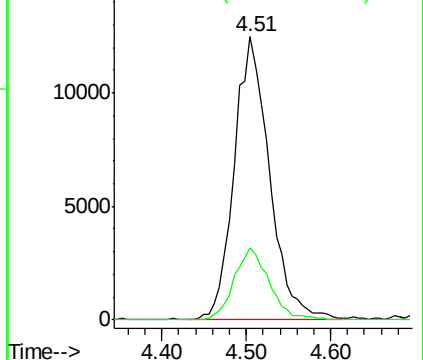
43 100

74 25.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

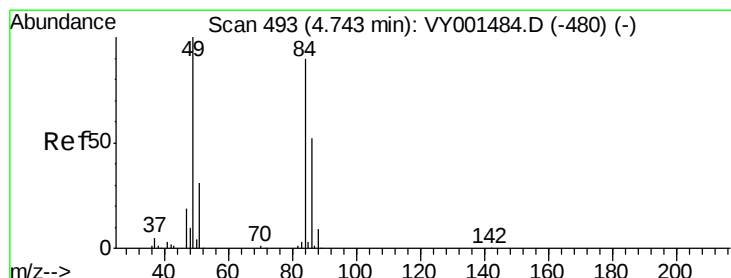
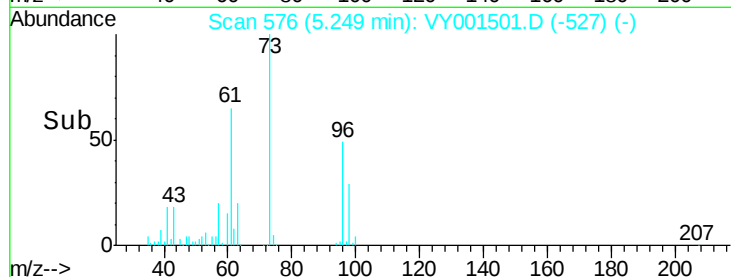
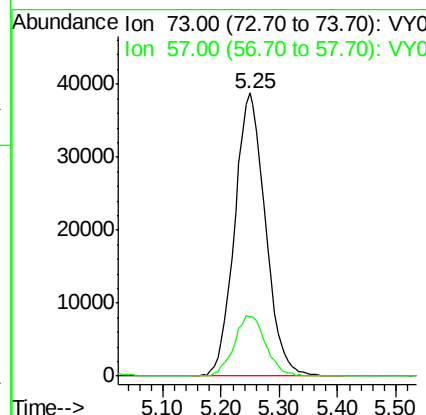
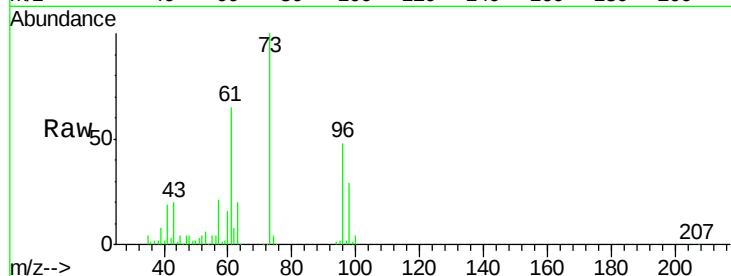




#19
Methyl tert-butyl Ether
Concen: 23.04 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

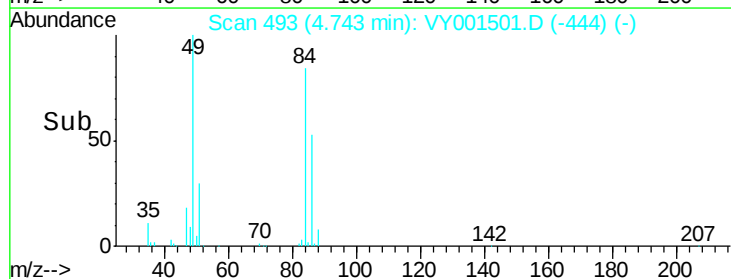
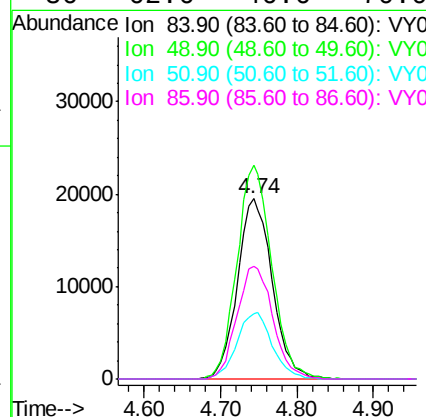
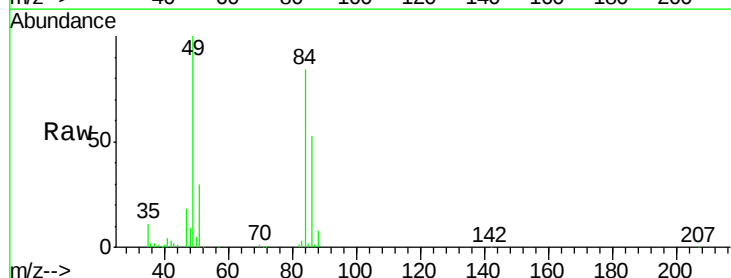
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

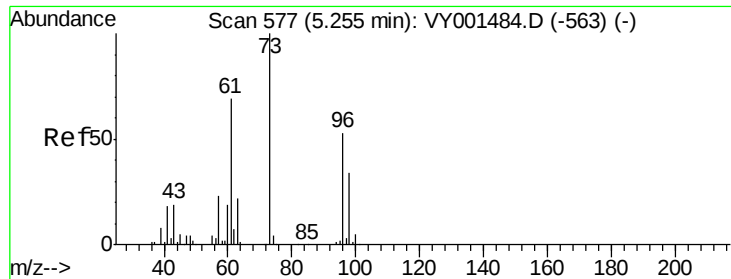
Tgt Ion: 73 Resp: 142072
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6



#20
Methylene Chloride
Concen: 21.87 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 84 Resp: 61688
Ion Ratio Lower Upper
84 100
49 118.7 89.0 133.6
51 36.0 27.4 41.2
86 62.6 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 21.97 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

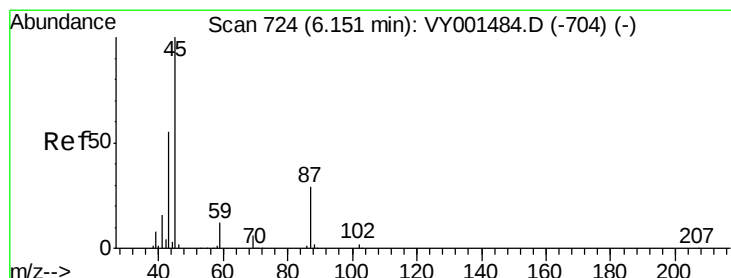
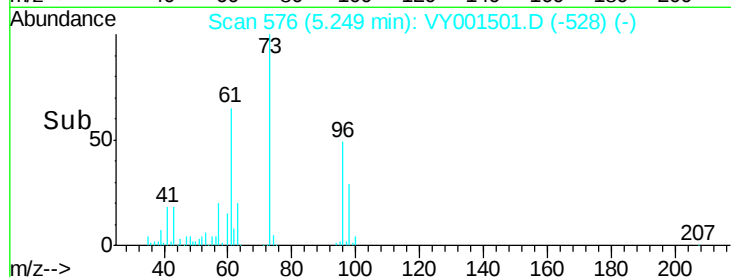
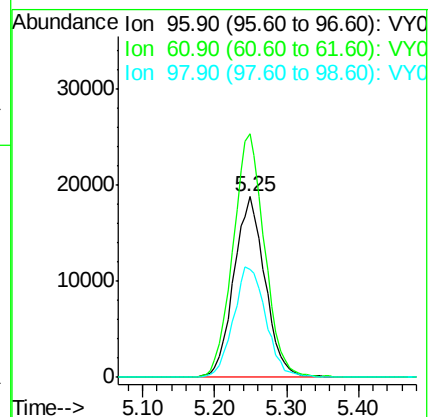
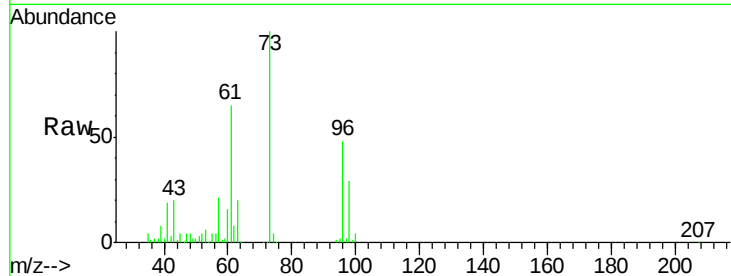
Tgt Ion: 96 Resp: 56636

Ion Ratio Lower Upper

96 100

61 134.8 104.2 156.4

98 59.5 51.4 77.0



#22

Diisopropyl ether

Concen: 24.08 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Tgt Ion: 45 Resp: 169246

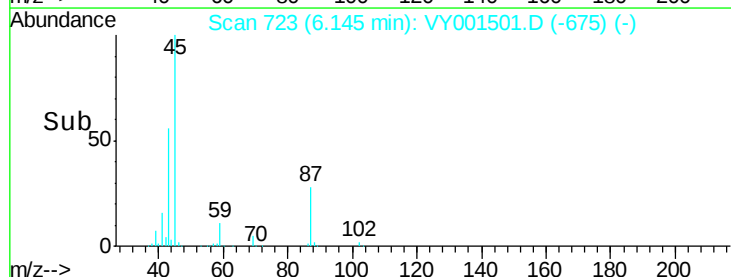
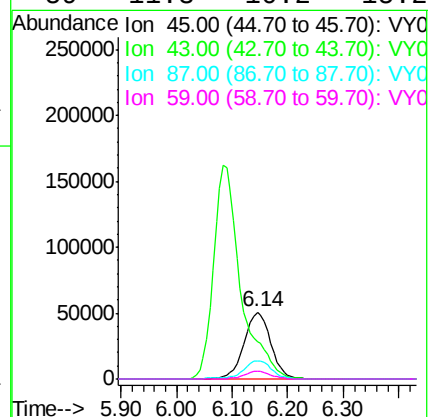
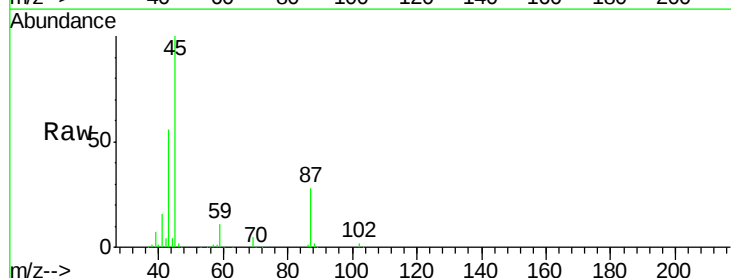
Ion Ratio Lower Upper

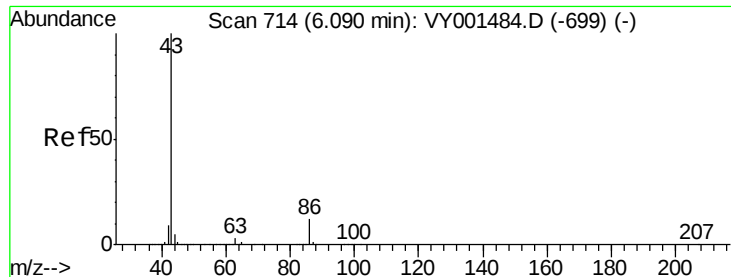
45 100

43 56.1 44.2 66.4

87 27.5 23.9 35.9

59 11.3 10.2 15.2





#23

Vinyl Acetate

Concen: 123.25 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

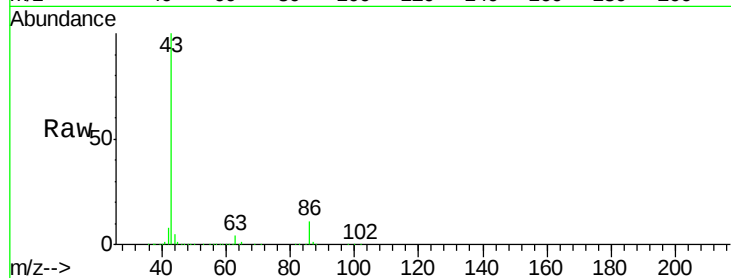
VY0205SBS01

Tgt Ion: 43 Resp: 551402

Ion Ratio Lower Upper

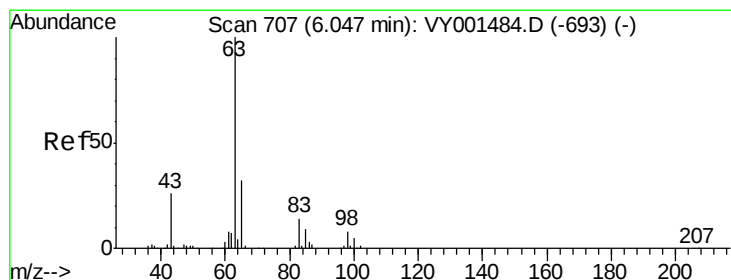
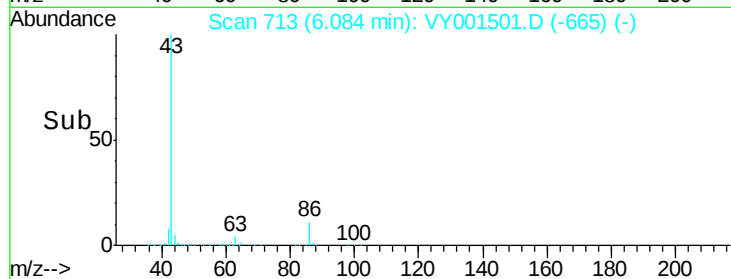
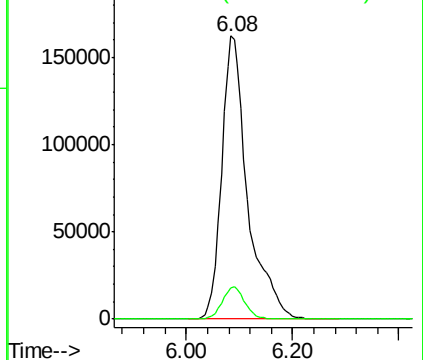
43 100

86 10.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.69 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

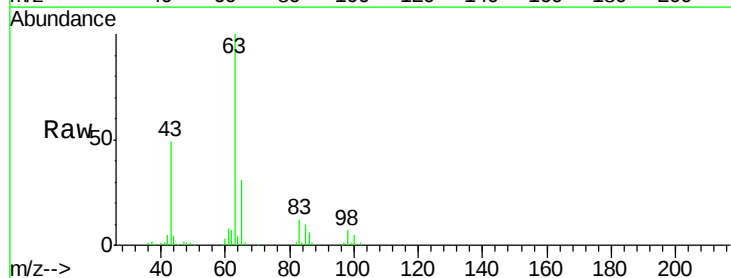
Tgt Ion: 63 Resp: 95928

Ion Ratio Lower Upper

63 100

98 6.7 4.0 11.9

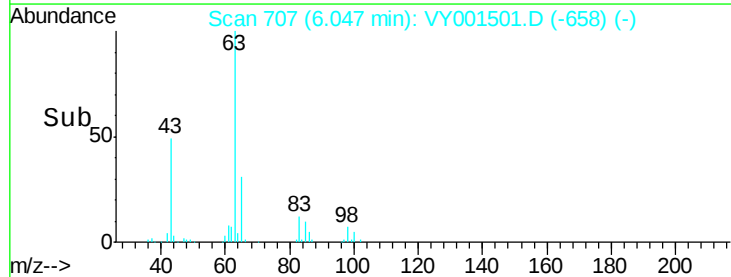
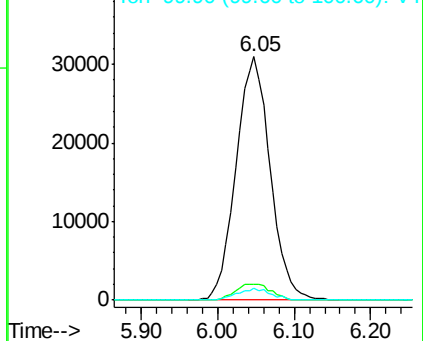
100 4.6 2.6 8.0

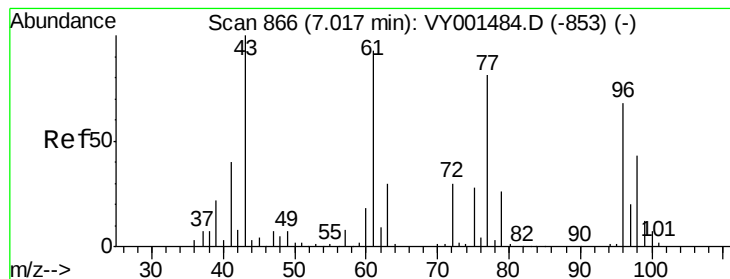


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 119.24 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

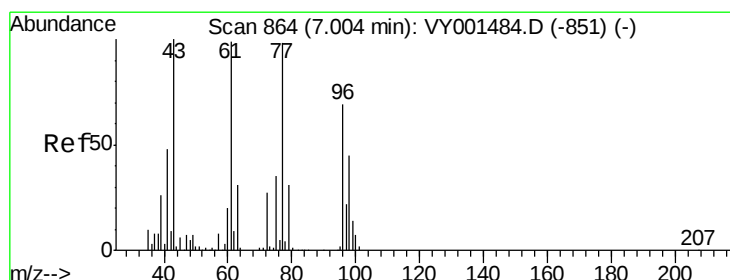
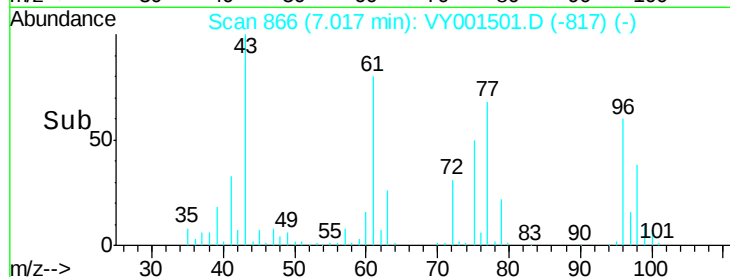
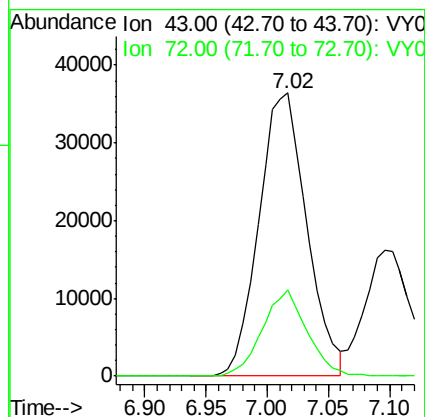
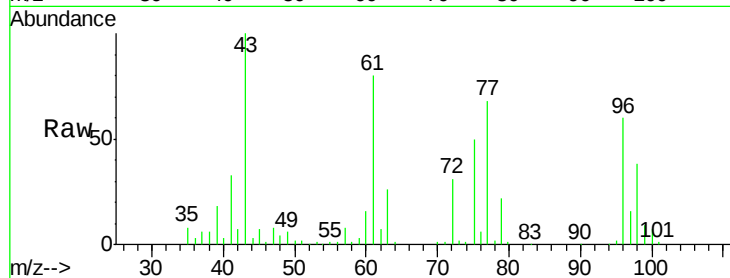
VY0205SBS01

Tgt Ion: 43 Resp: 99363

Ion Ratio Lower Upper

43 100

72 30.7 23.8 35.8



#26

2,2-Dichloropropane

Concen: 21.73 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001501.D

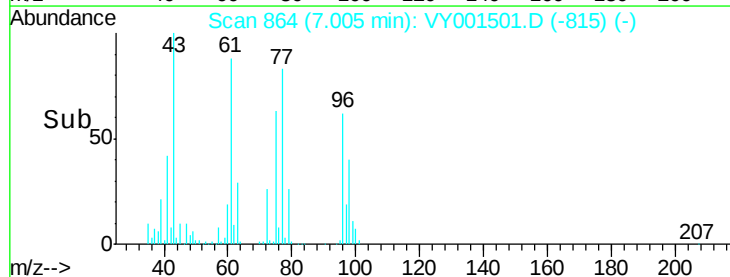
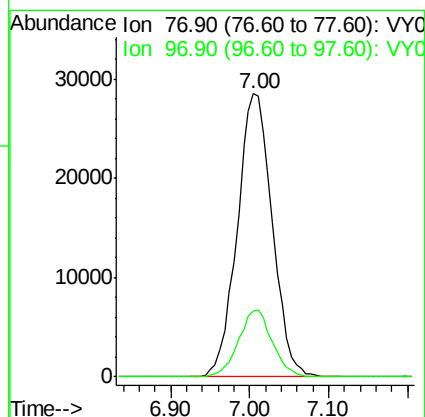
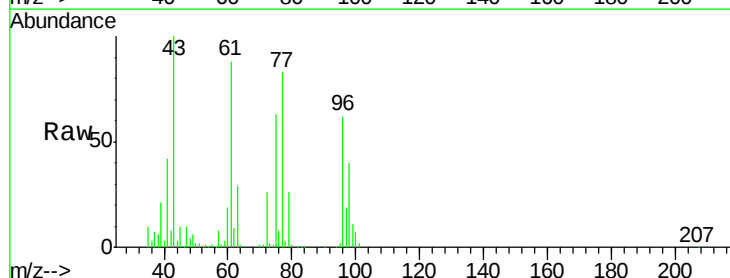
Acq: 05 Feb 2020 12:46

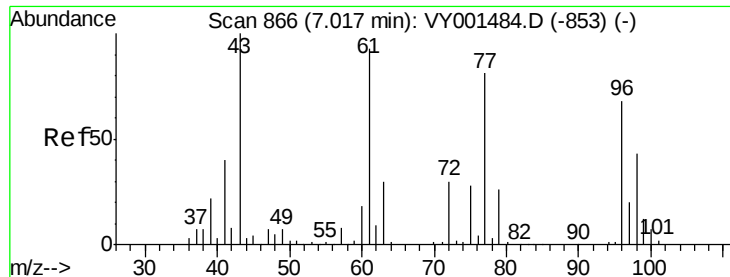
Tgt Ion: 77 Resp: 87922

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.17 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

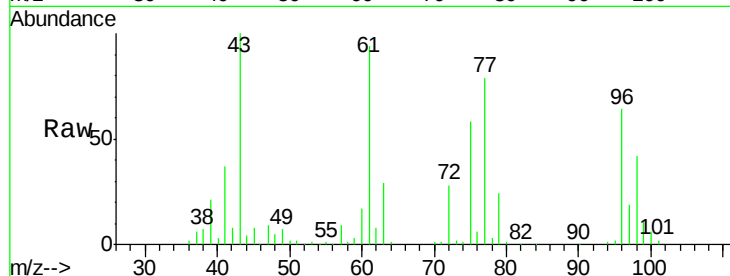
Tgt Ion: 96 Resp: 62413

Ion Ratio Lower Upper

96 100

61 144.3 0.0 278.8

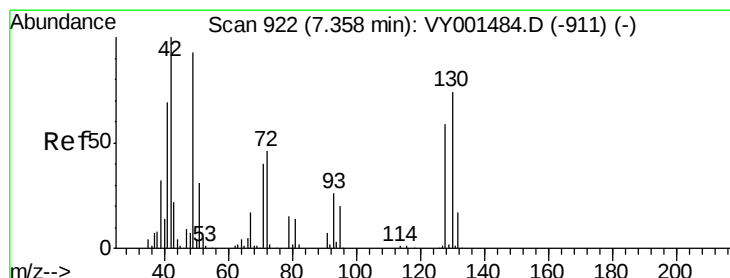
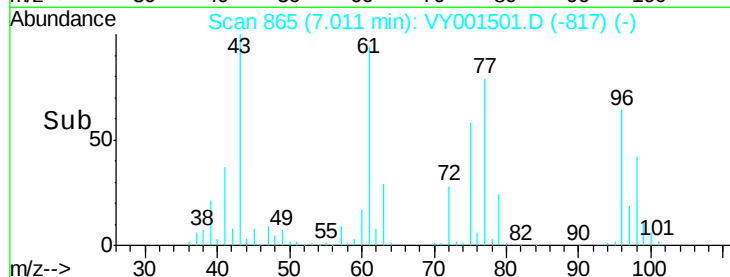
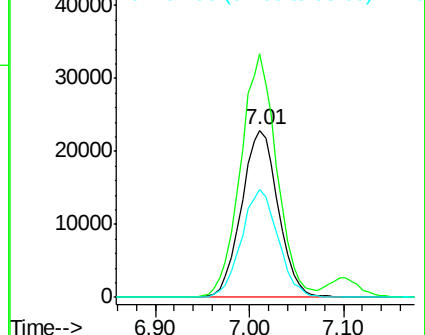
98 64.2 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane

Concen: 21.60 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

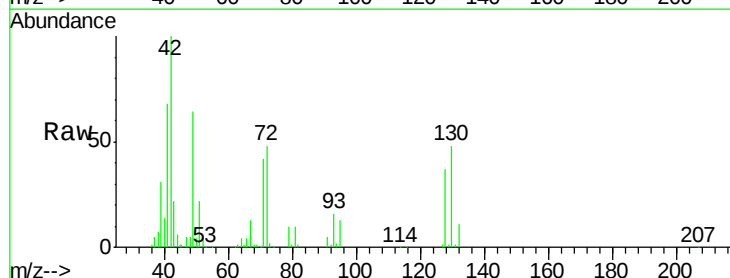
Tgt Ion: 49 Resp: 31099

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

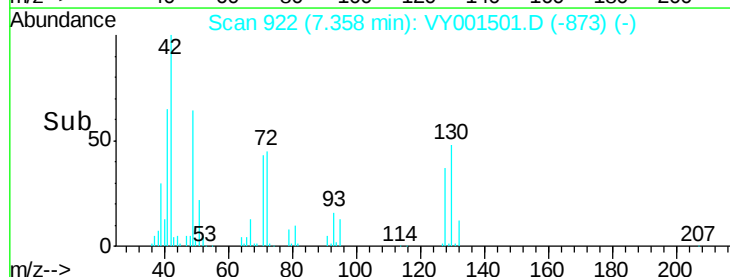
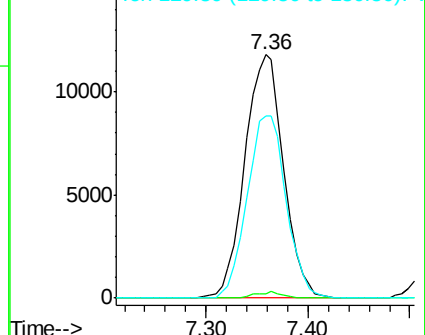
130 75.3 65.4 98.2

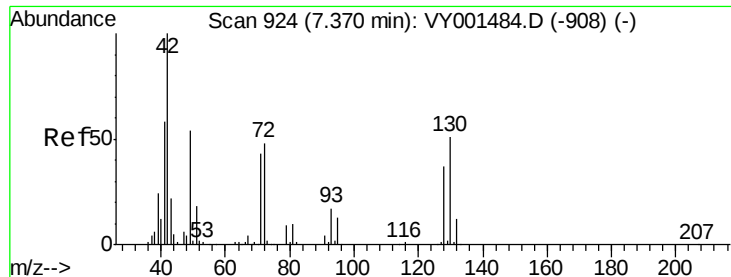


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

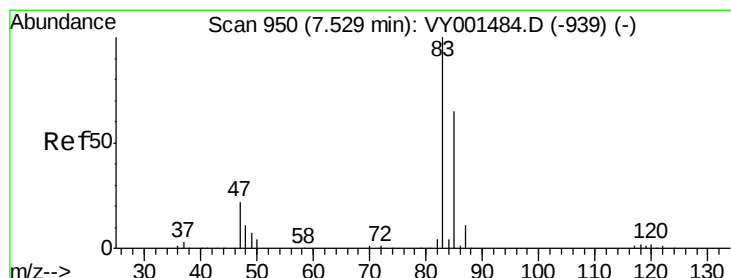
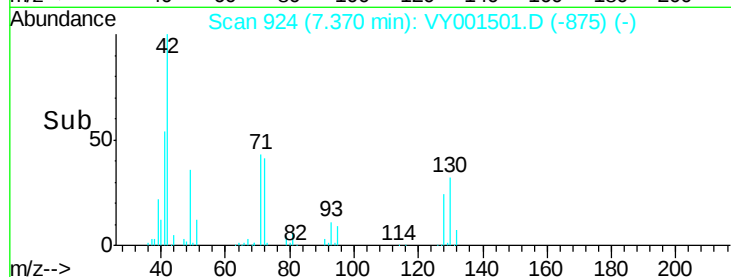
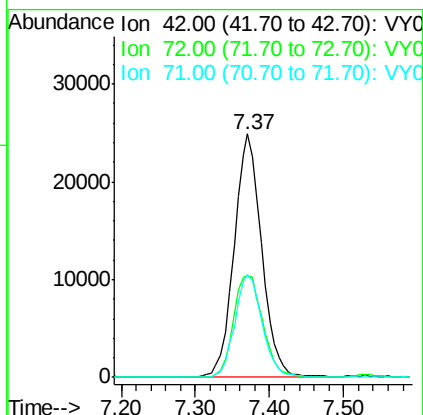
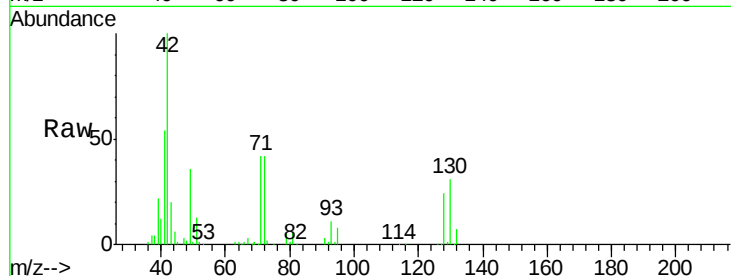




#29
Tetrahydrofuran
Concen: 129.17 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

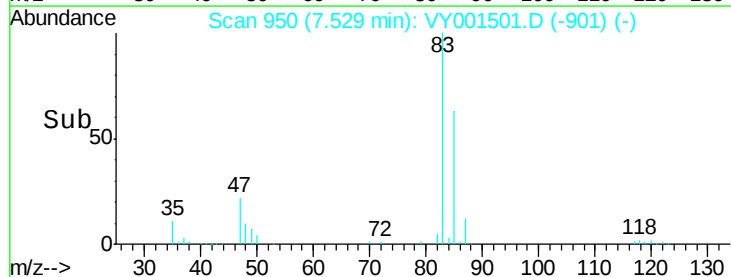
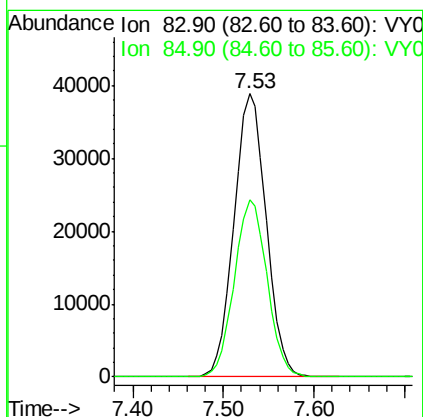
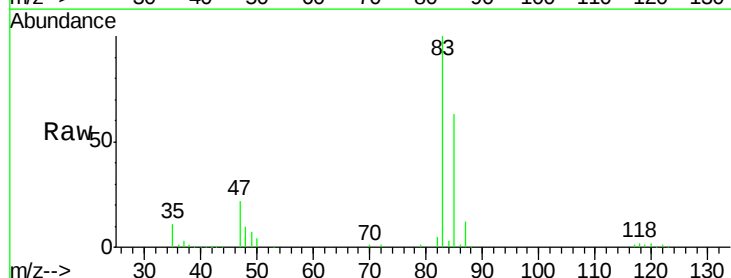
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

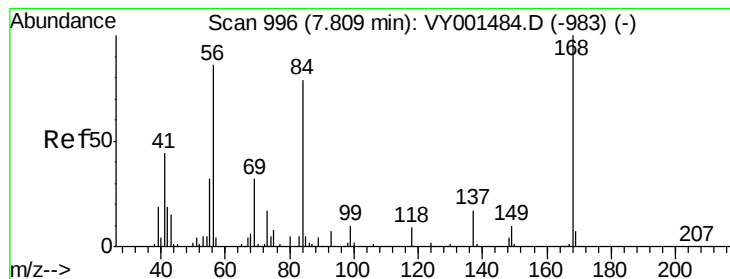
Tgt Ion: 42 Resp: 64517
Ion Ratio Lower Upper
42 100
72 44.4 37.8 56.6
71 42.0 34.8 52.2



#30
Chloroform
Concen: 22.34 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 83 Resp: 95676
Ion Ratio Lower Upper
83 100
85 62.6 52.4 78.6





#31

Cyclohexane

Concen: 22.80 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

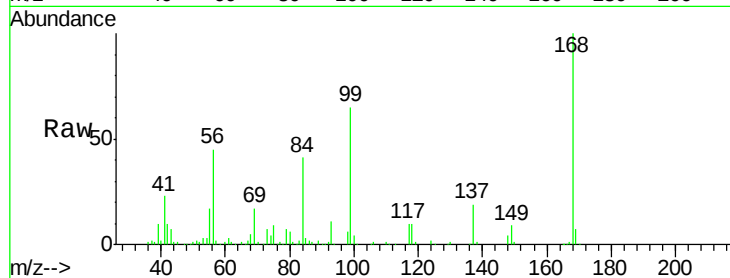
Tgt Ion: 56 Resp: 98590

Ion Ratio Lower Upper

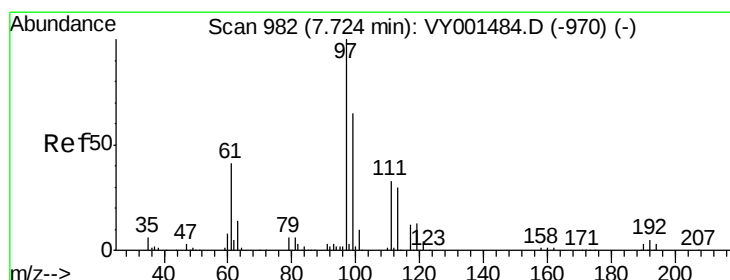
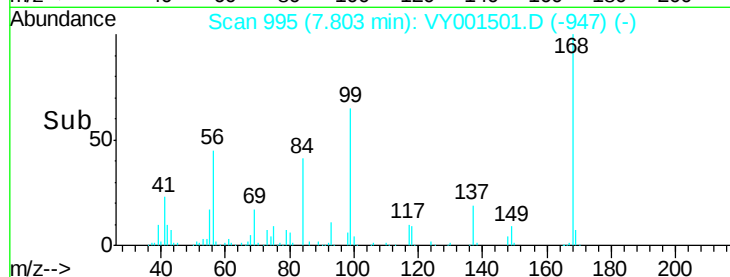
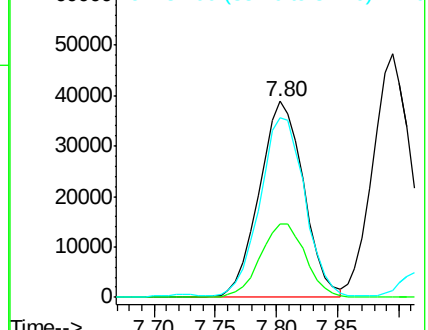
56 100

69 37.3 29.6 44.4

84 90.3 73.6 110.4



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: 21.60 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

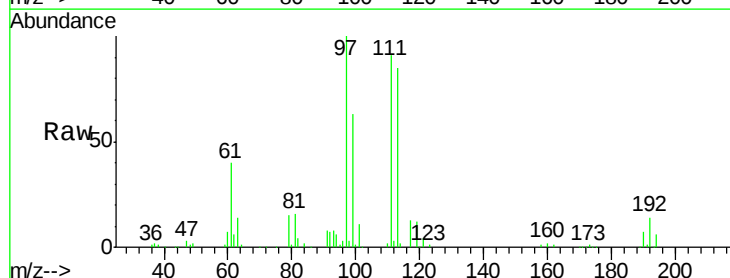
Tgt Ion: 97 Resp: 83857

Ion Ratio Lower Upper

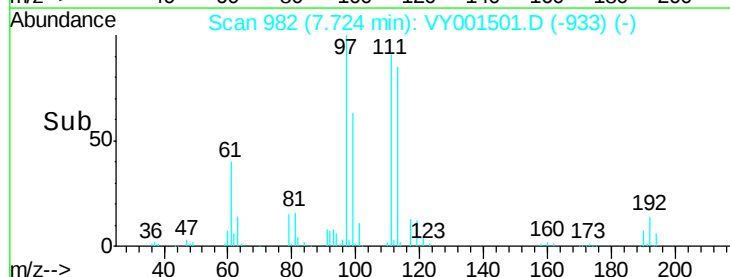
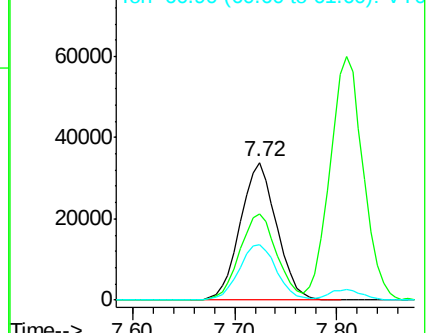
97 100

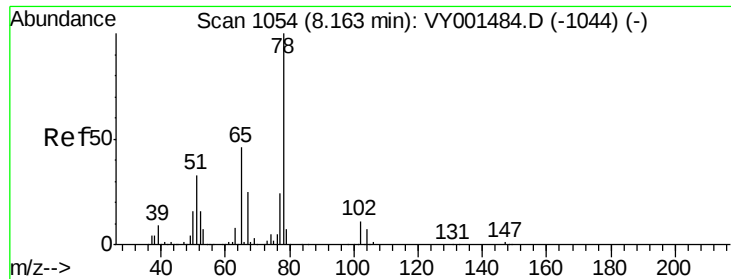
99 64.4 51.8 77.8

61 41.5 32.5 48.7



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

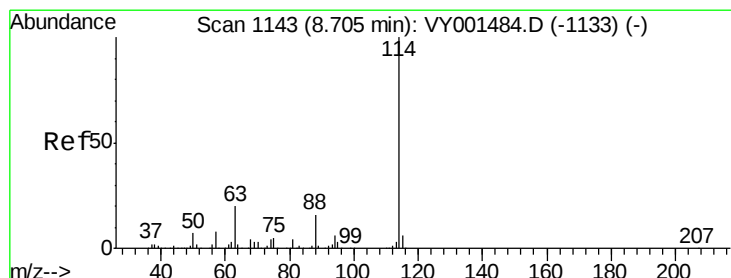
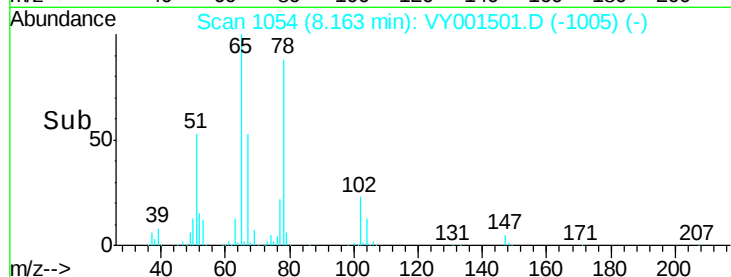
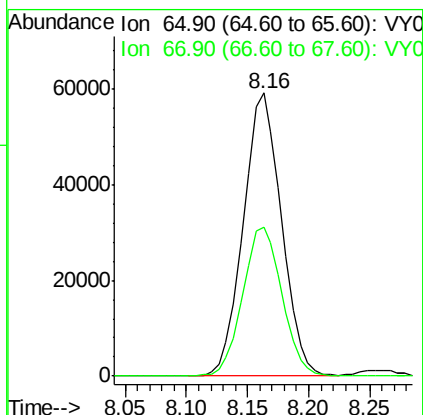
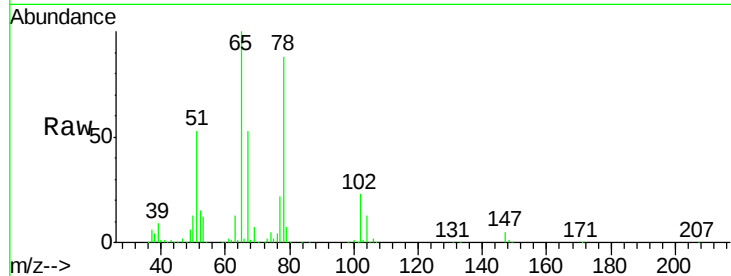




#33
 1,2-Dichloroethane-d4
 Concen: 57.89 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

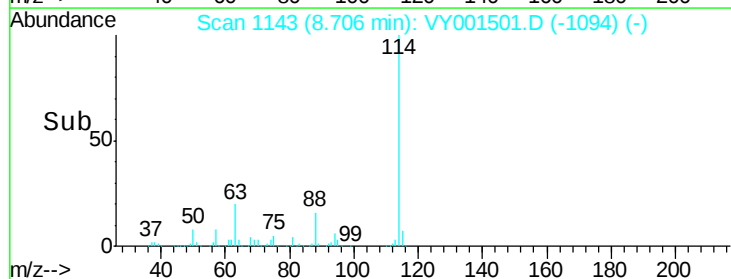
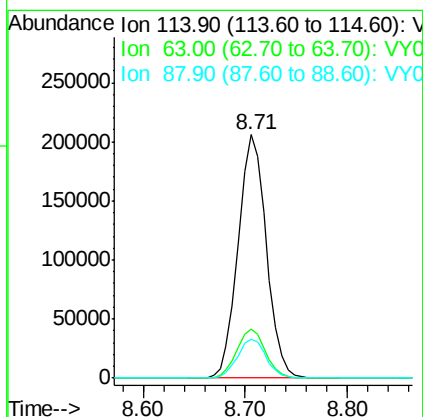
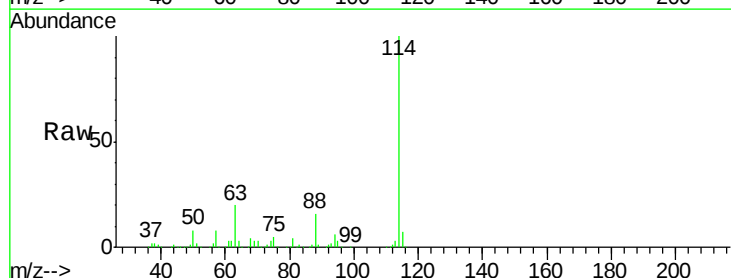
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

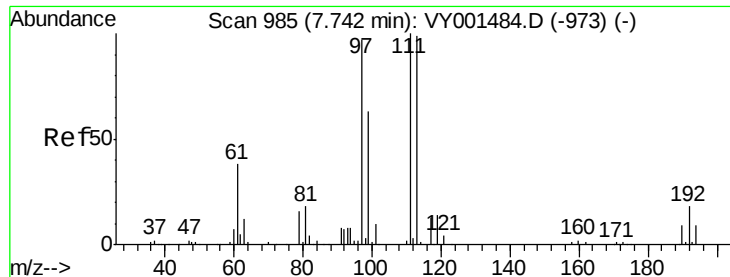
Tgt Ion: 65 Resp: 128561
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 114 Resp: 393641
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 16.0 0.0 32.6

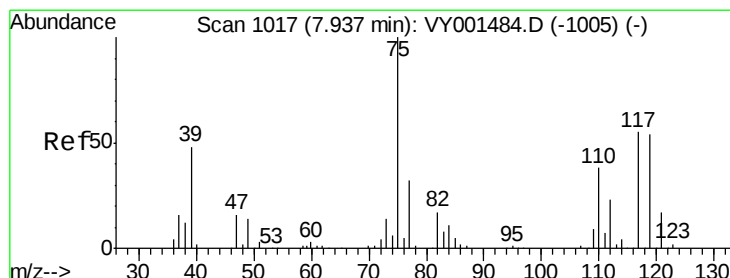
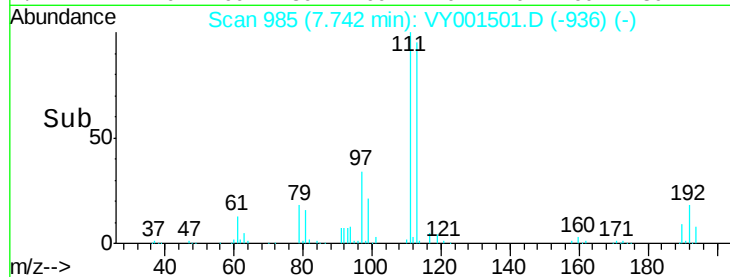
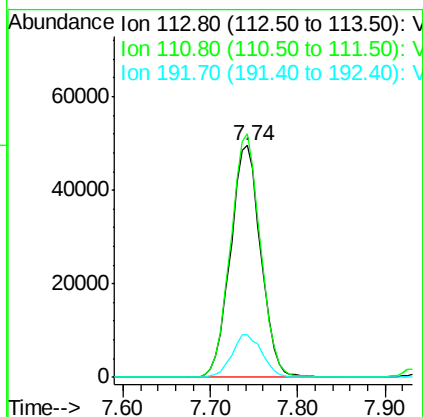
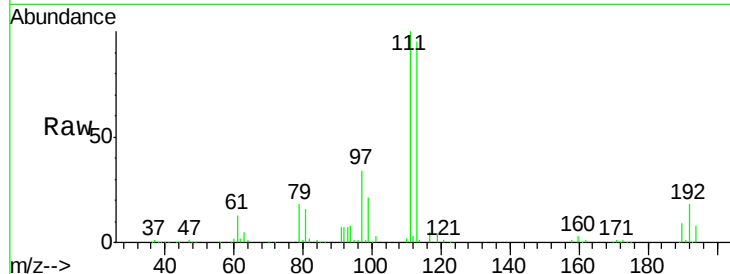




#35
 Dibromofluoromethane
 Concen: 52.66 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

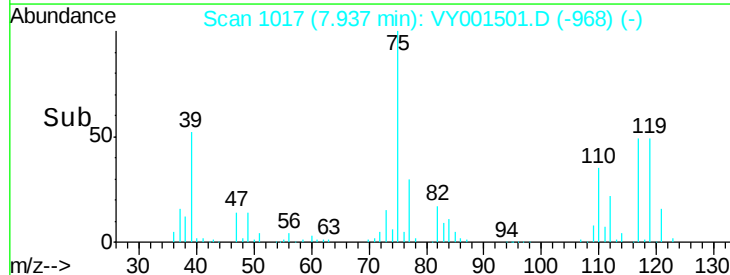
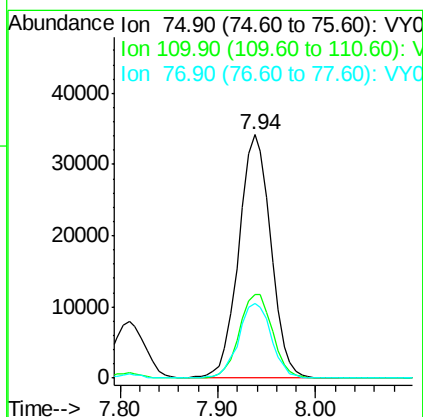
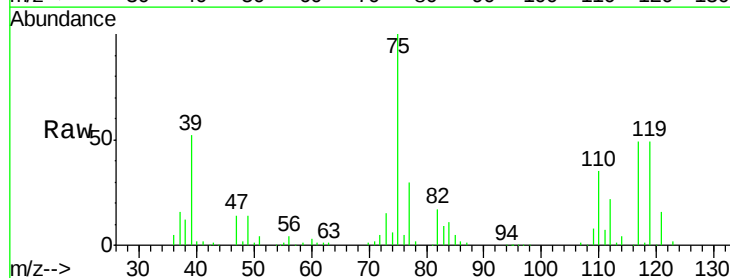
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

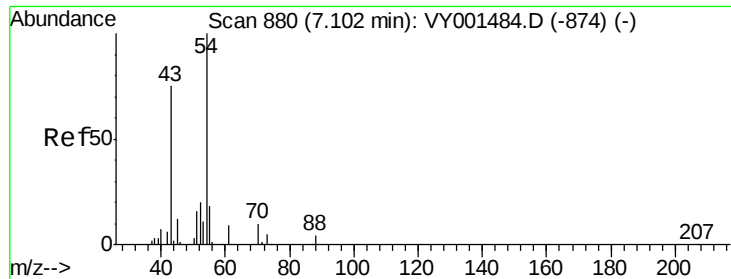
Tgt Ion:113 Resp: 119542
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 18.4 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 21.71 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 75 Resp: 78186
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.2 54.6
 77 31.2 25.0 37.4

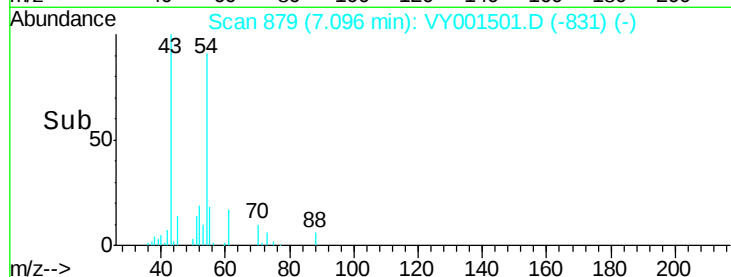
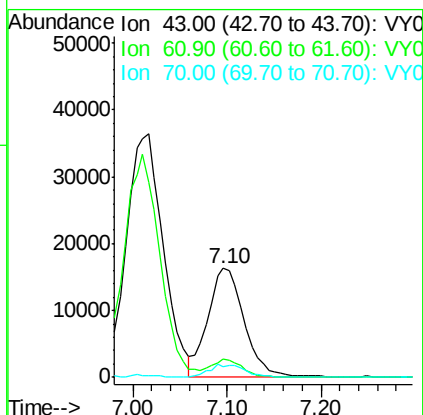
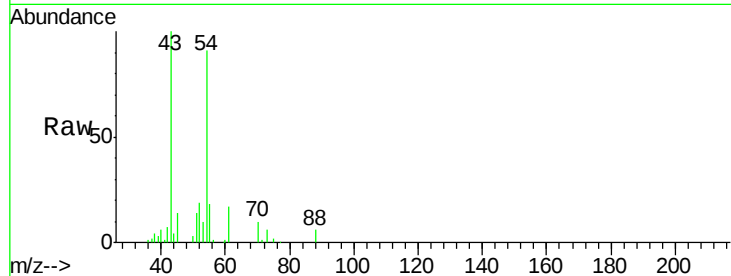




#37
Ethyl Acetate
Concen: 25.25 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

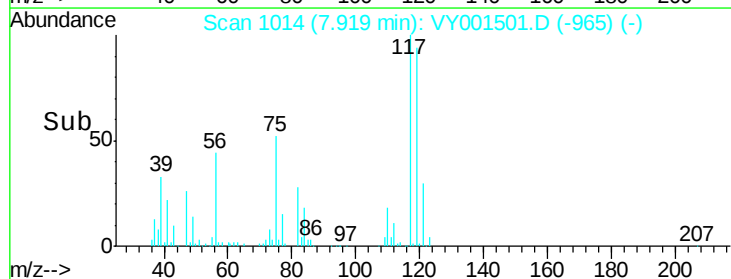
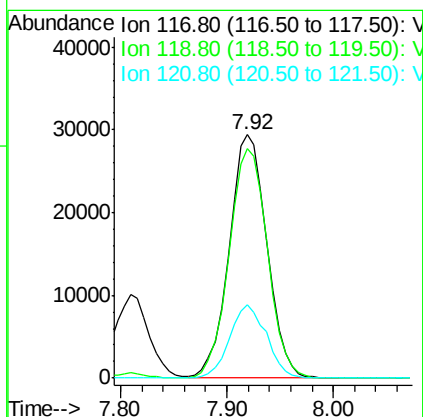
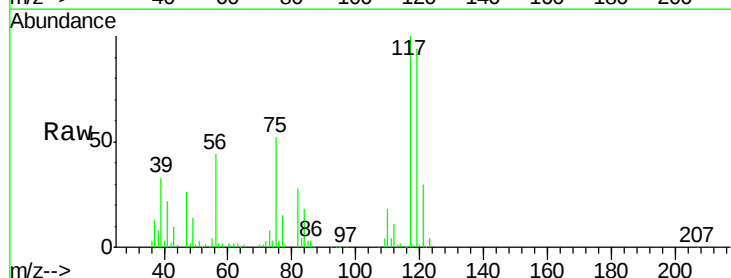
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

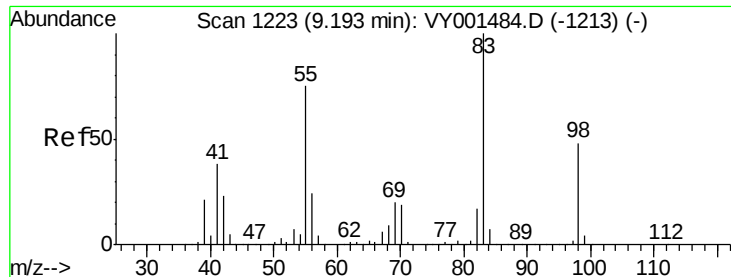
Tgt Ion: 43 Resp: 44021
Ion Ratio Lower Upper
43 100
61 14.3 12.0 18.0
70 11.4 10.2 15.4



#38
Carbon Tetrachloride
Concen: 20.95 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 117 Resp: 72974
Ion Ratio Lower Upper
117 100
119 94.2 76.4 114.6
121 29.9 24.2 36.4

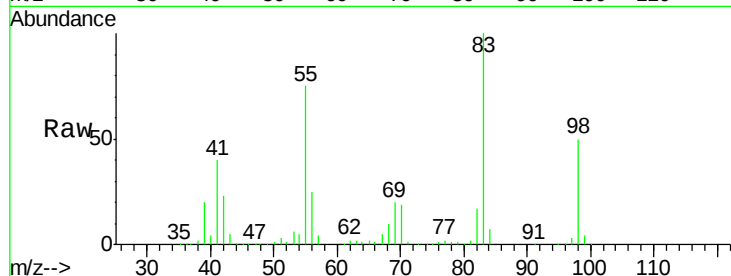




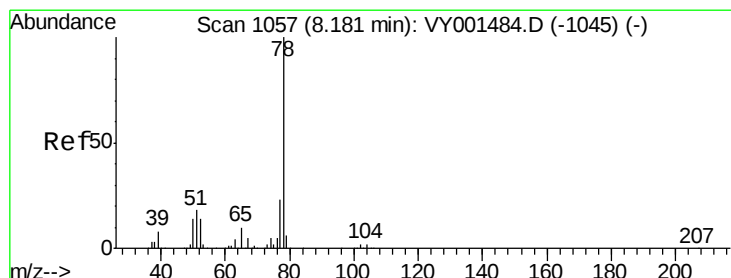
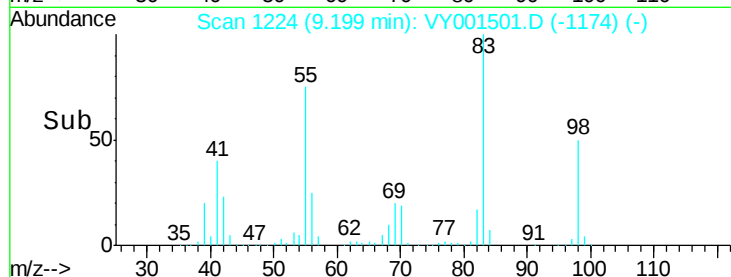
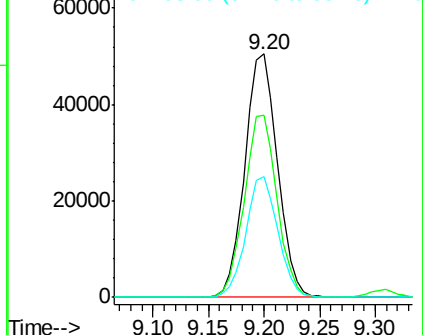
#39
Methylcyclohexane
Concen: 21.79 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tgt Ion: 83 Resp: 103328
Ion Ratio Lower Upper
83 100
55 74.9 59.8 89.6
98 49.7 38.6 57.8

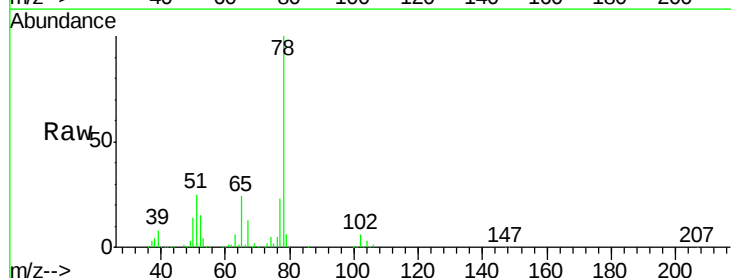


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

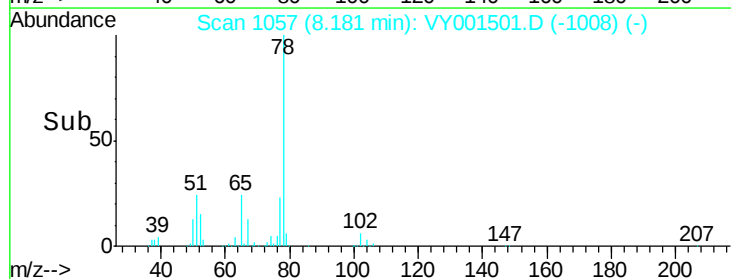
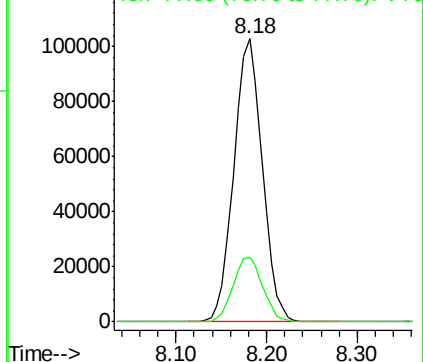


#40
Benzene
Concen: 21.79 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 78 Resp: 223857
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7



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





#41

Methacrylonitrile

Concen: 72.00 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

Tgt Ion: 41 Resp: 58169

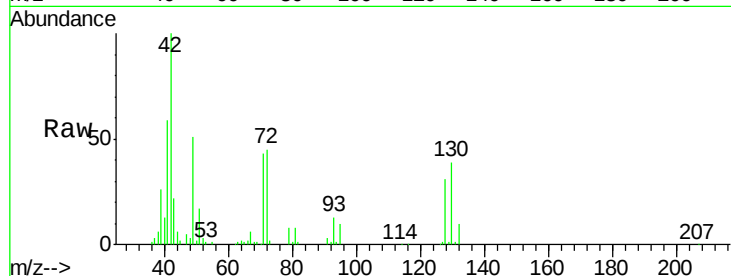
Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

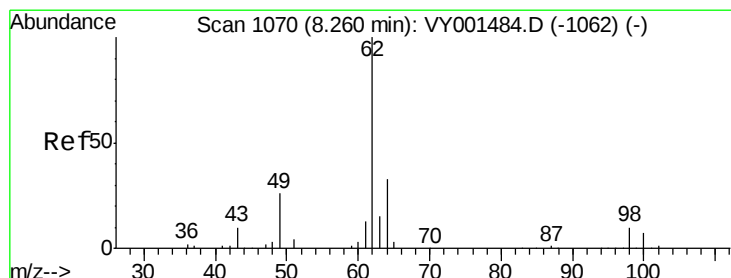
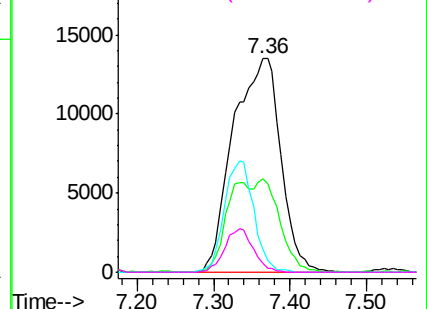
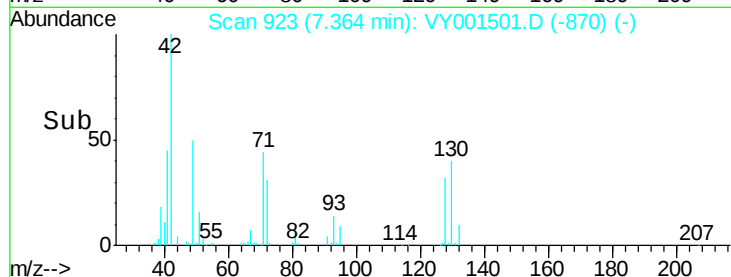


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.88 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001501.D

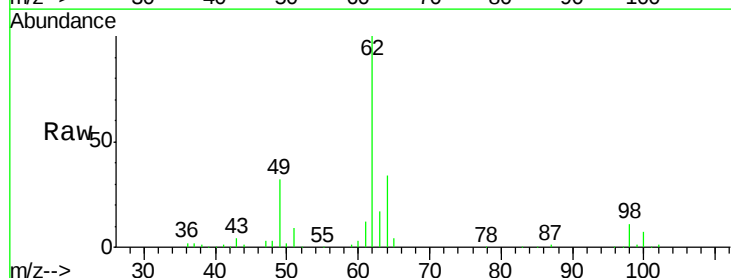
Acq: 05 Feb 2020 12:46

Tgt Ion: 62 Resp: 62606

Ion Ratio Lower Upper

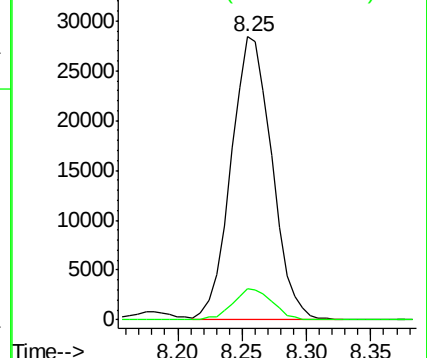
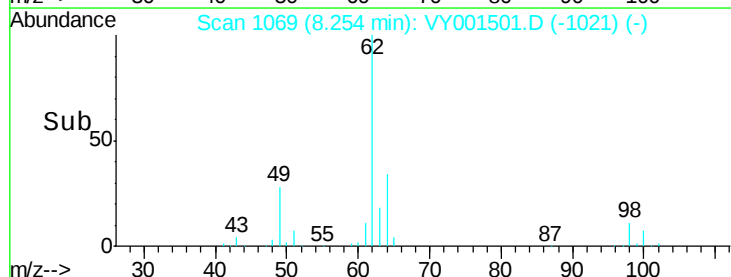
62 100

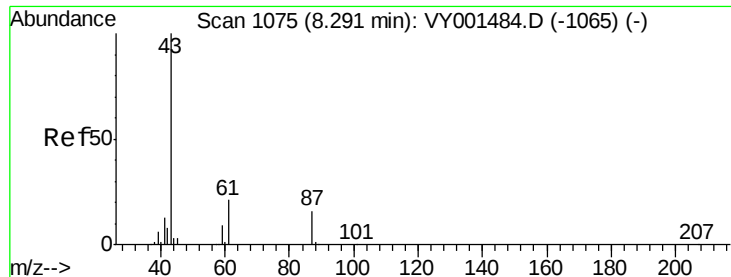
98 10.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

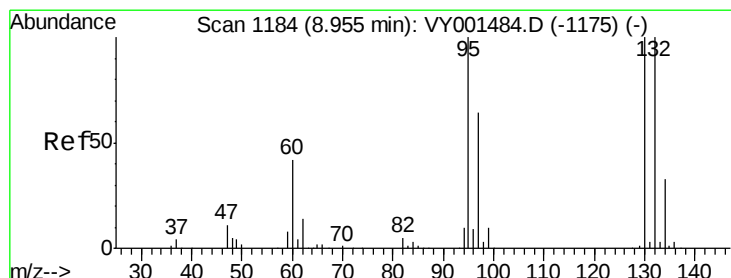
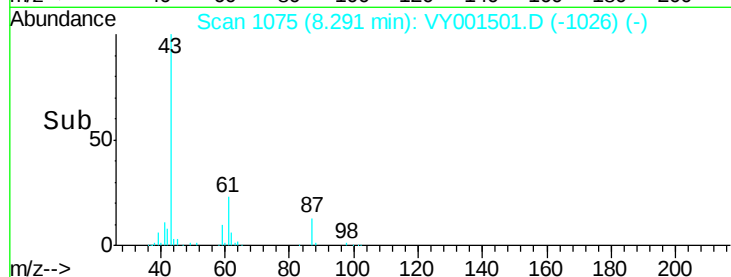
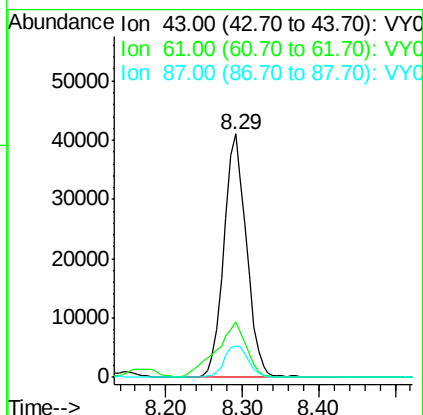
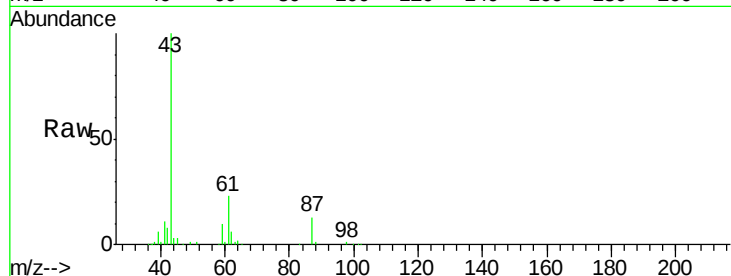




#43
Isopropyl Acetate
Concen: 24.22 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

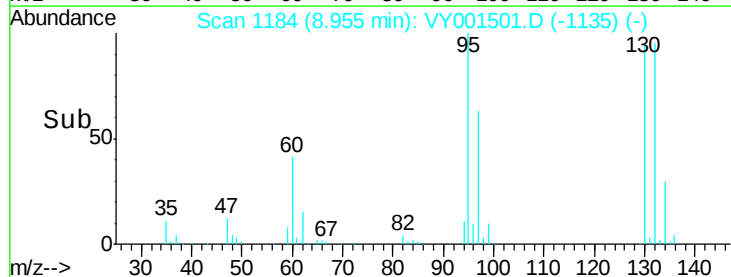
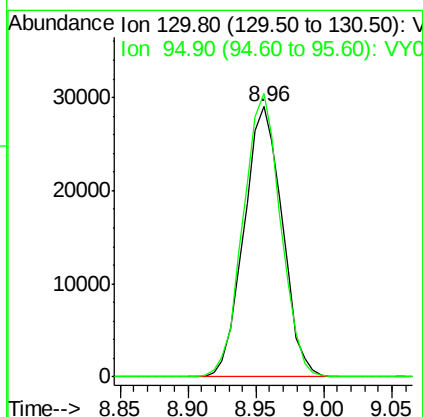
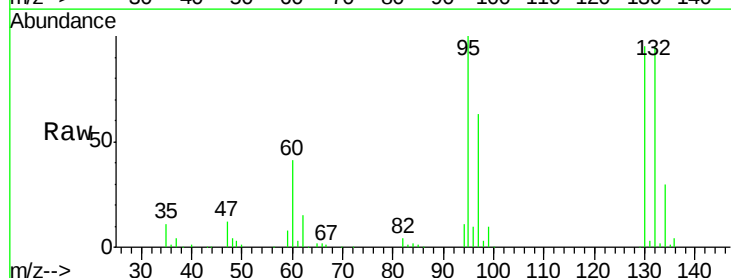
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

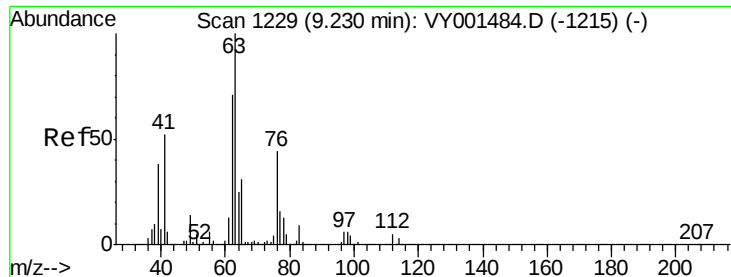
Tgt Ion: 43 Resp: 83610
Ion Ratio Lower Upper
43 100
61 30.5 25.1 37.7
87 13.9 12.6 19.0



#44
Trichloroethene
Concen: 20.64 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 130 Resp: 57151
Ion Ratio Lower Upper
130 100
95 104.8 0.0 199.2





#45

1,2-Dichloropropane

Concen: 22.60 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

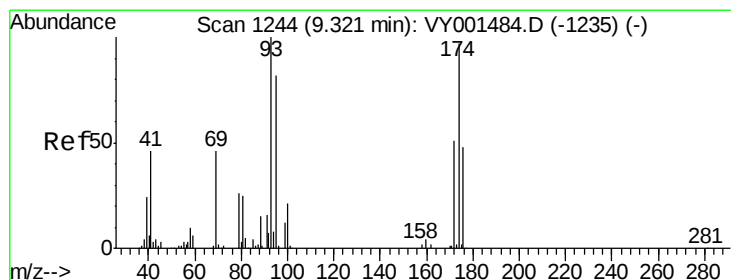
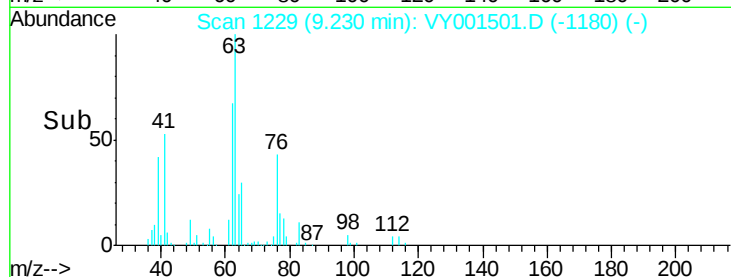
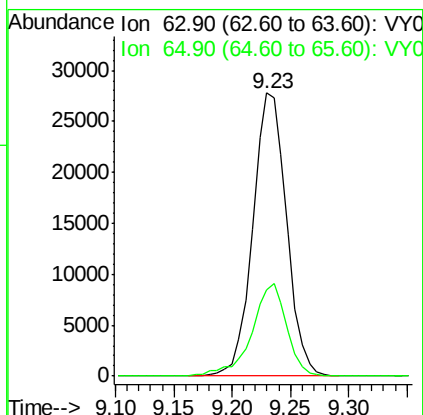
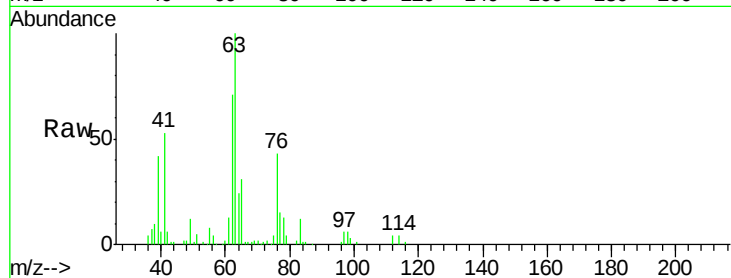
VY0205SBS01

Tgt Ion: 63 Resp: 56045

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 21.79 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

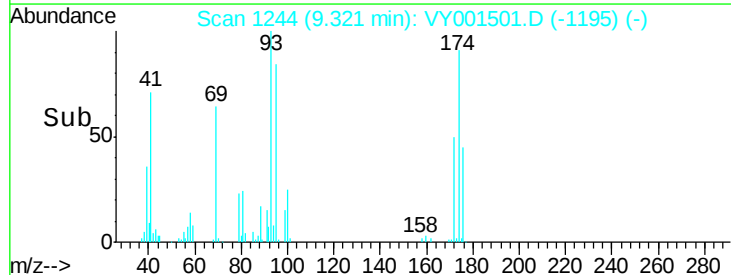
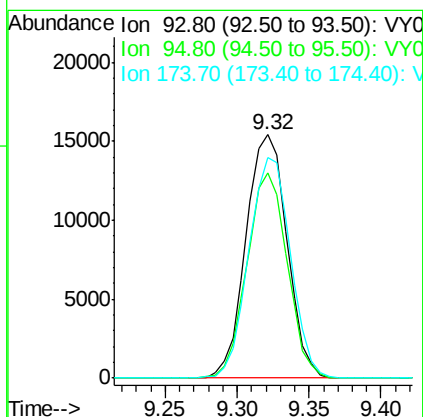
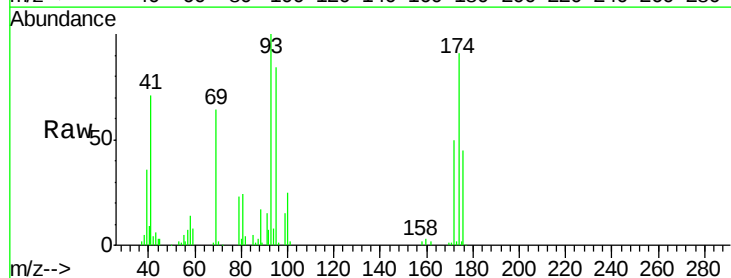
Tgt Ion: 93 Resp: 30351

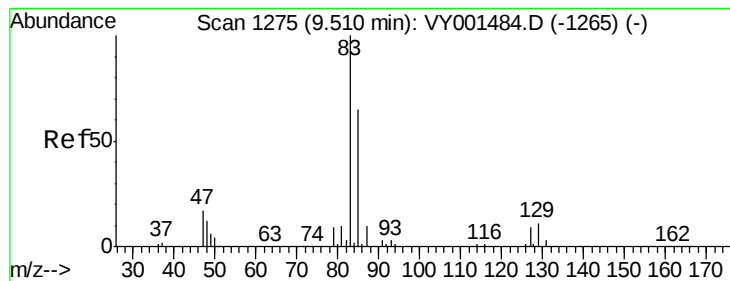
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 92.0 75.4 113.2





#47

Bromodichloromethane

Concen: 21.52 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

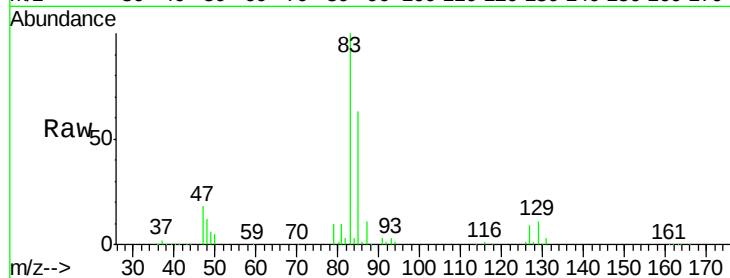
Tgt Ion: 83 Resp: 73037

Ion Ratio Lower Upper

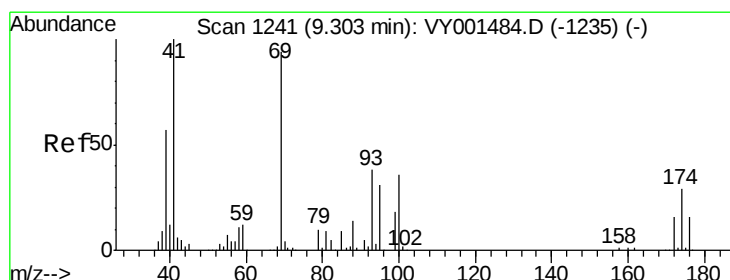
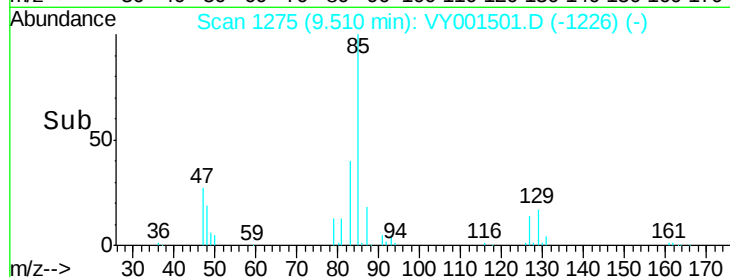
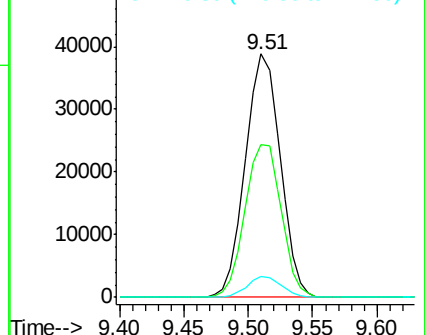
83 100

85 62.6 51.9 77.9

127 8.7 6.9 10.3



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



#48

Methyl methacrylate

Concen: 24.09 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

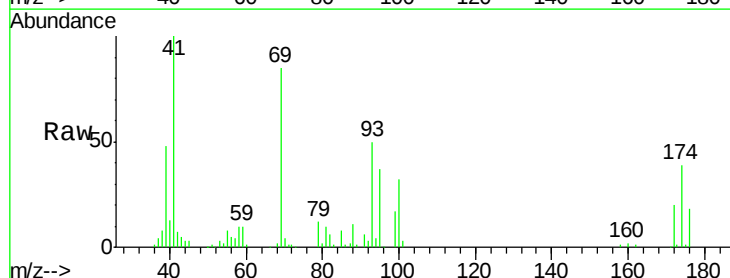
Tgt Ion: 41 Resp: 37733

Ion Ratio Lower Upper

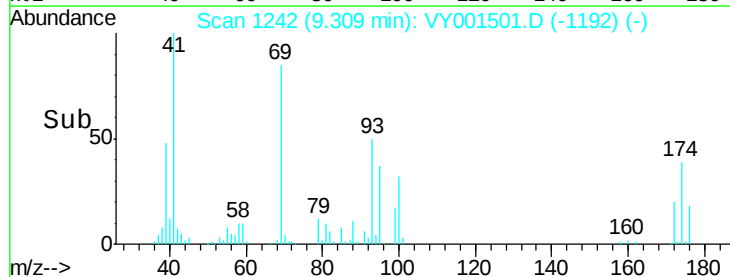
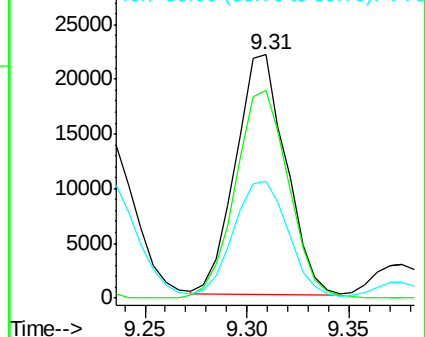
41 100

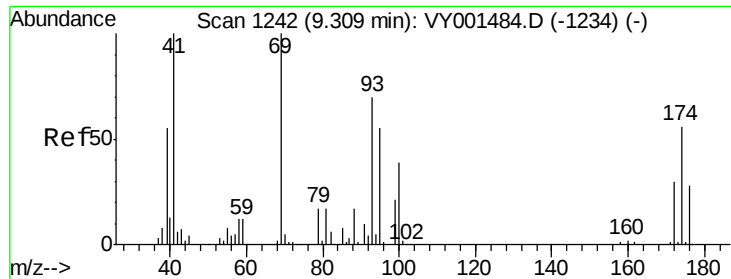
69 90.9 76.6 114.8

39 53.4 45.4 68.0



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

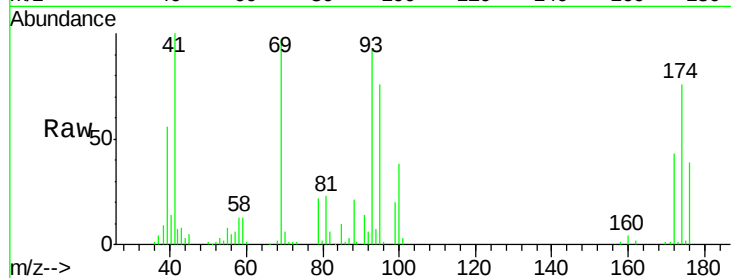




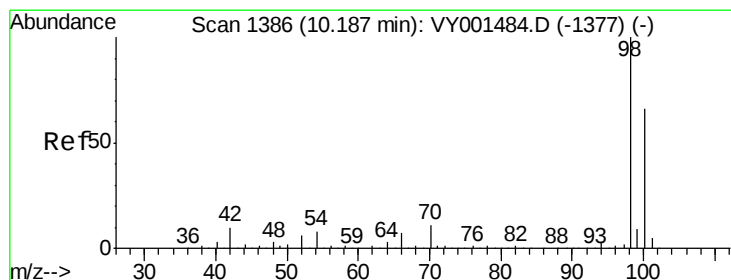
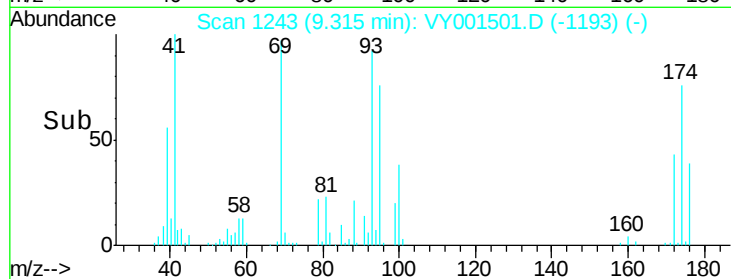
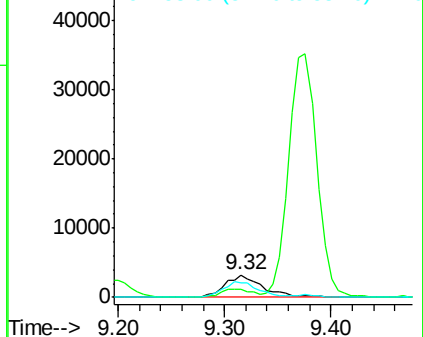
#49
 1,4-Dioxane
 Concen: 441.36 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Tgt Ion: 88 Resp: 8118
 Ion Ratio Lower Upper
 88 100
 43 32.0 24.8 37.2
 58 64.3 59.3 88.9

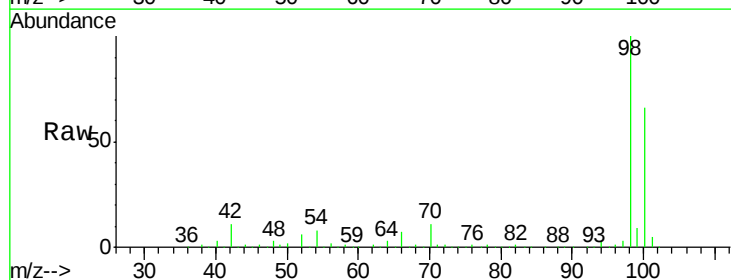


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

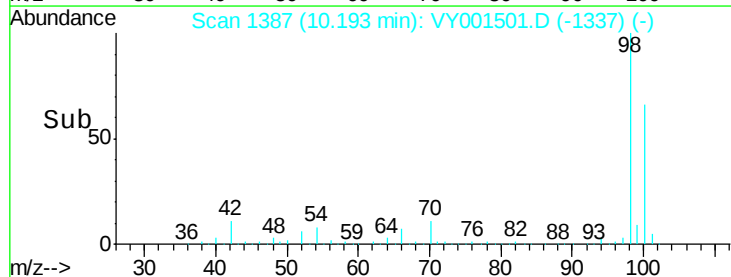
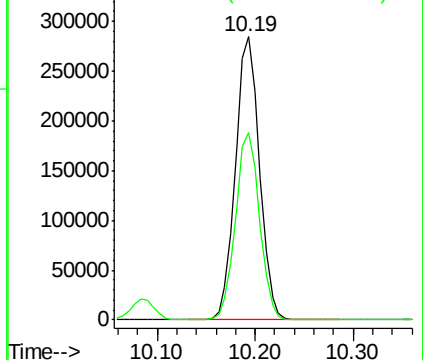


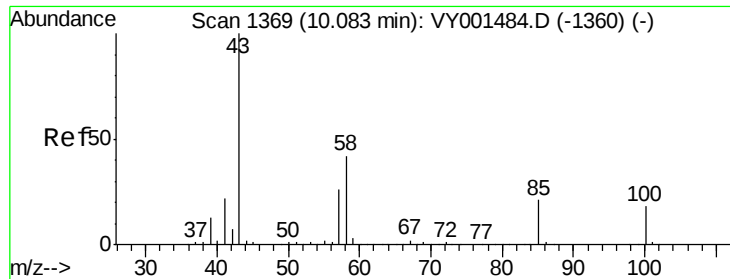
#50
 Toluene-d8
 Concen: 56.49 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 98 Resp: 485141
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 124.94 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

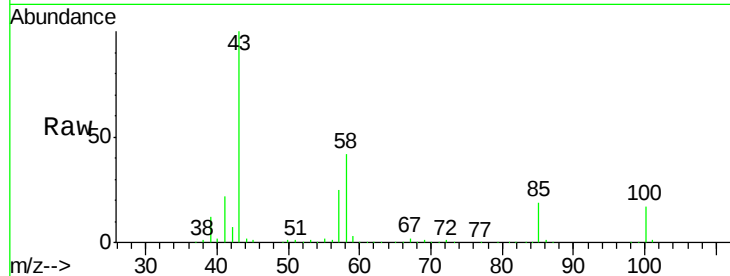
VY0205SBS01

Tgt Ion: 43 Resp: 212369

Ion Ratio Lower Upper

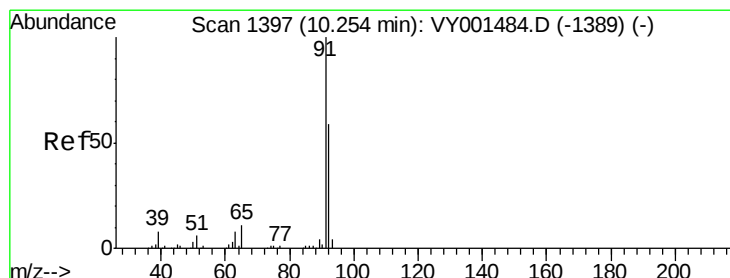
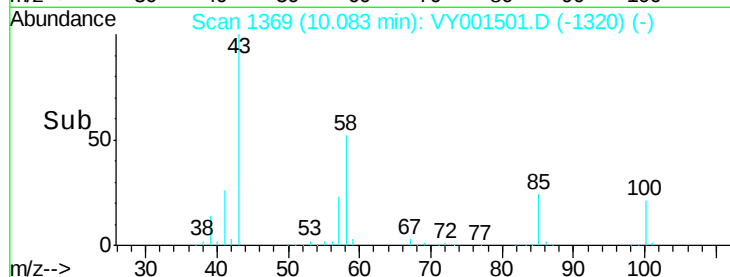
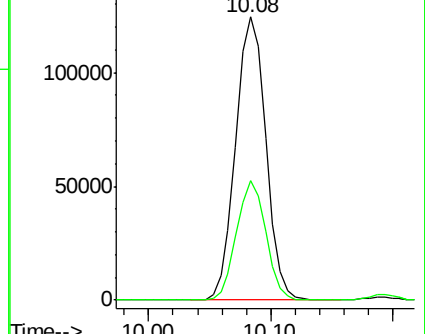
43 100

58 41.2 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.93 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001501.D

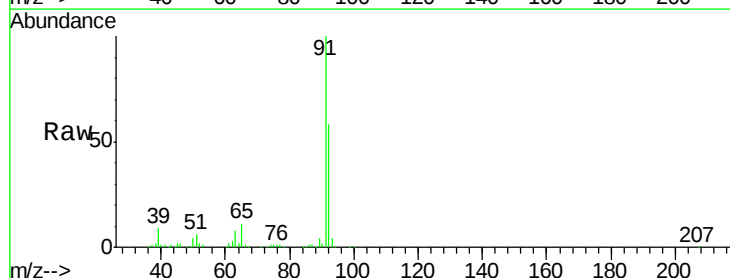
Acq: 05 Feb 2020 12:46

Tgt Ion: 92 Resp: 142920

Ion Ratio Lower Upper

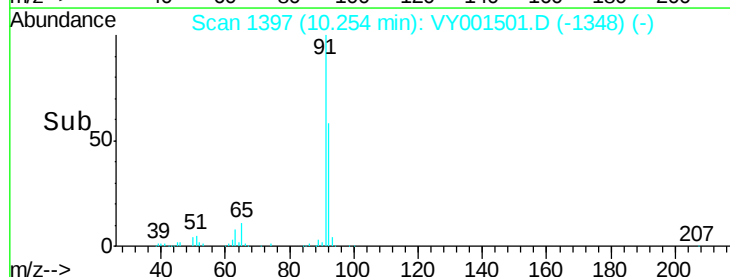
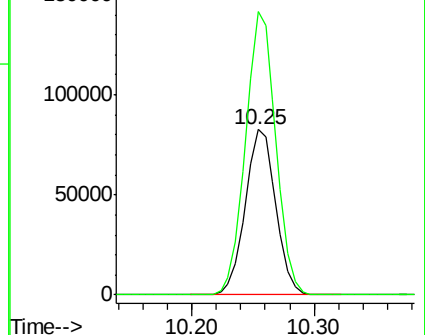
92 100

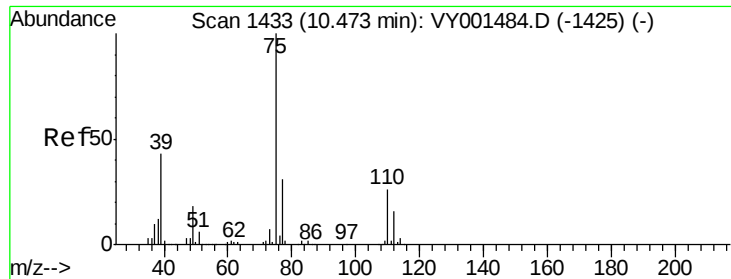
91 169.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 22.18 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

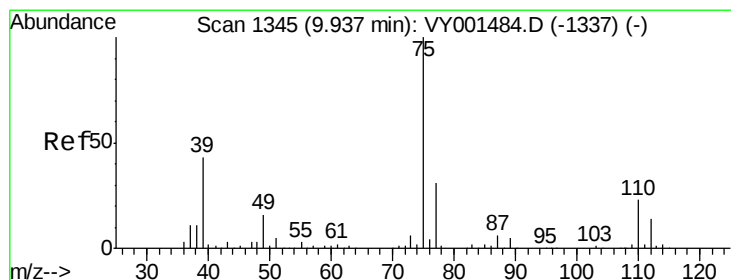
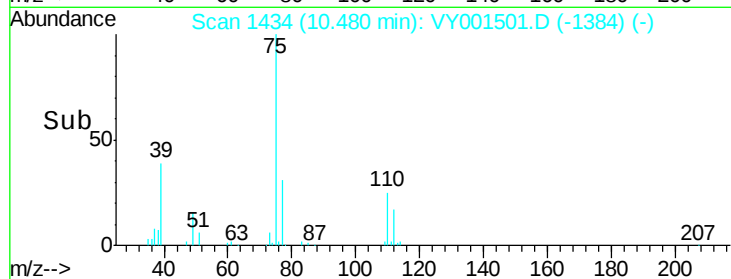
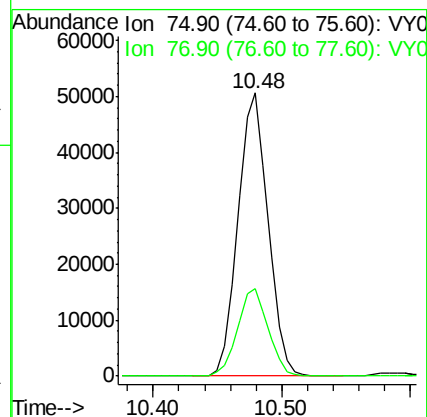
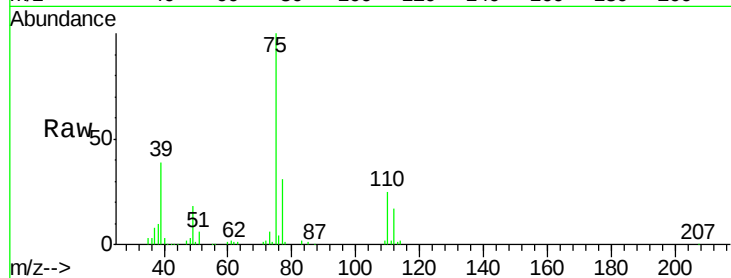
VY0205SBS01

Tgt Ion: 75 Resp: 81968

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 22.12 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

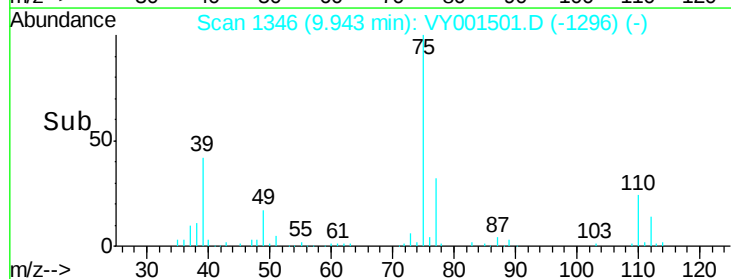
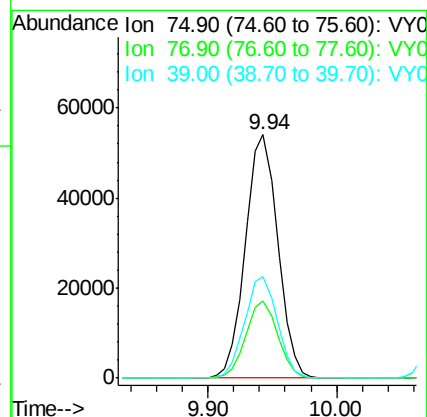
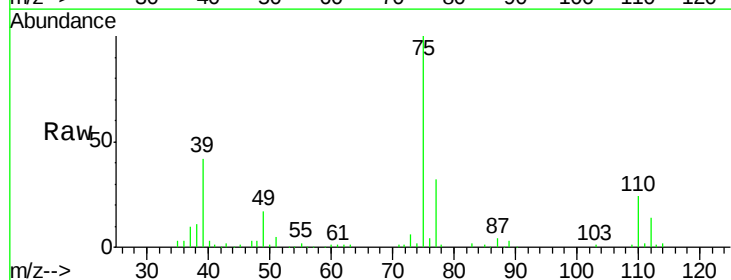
Tgt Ion: 75 Resp: 93848

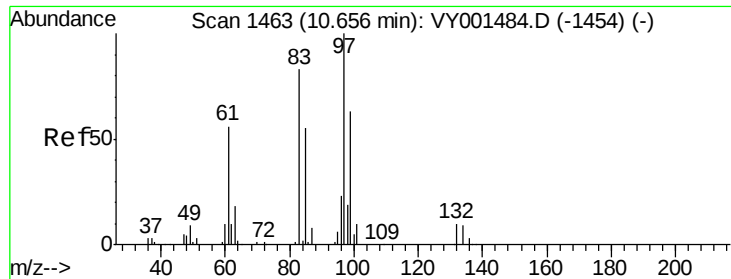
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 41.8 34.0 51.0

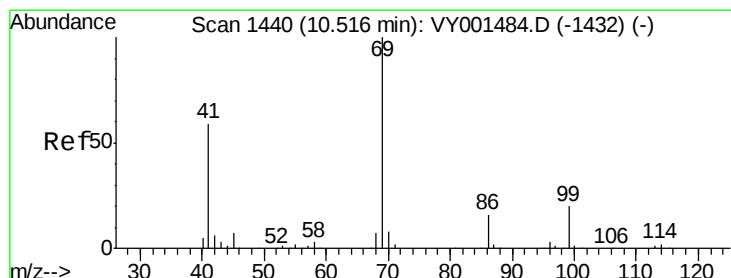
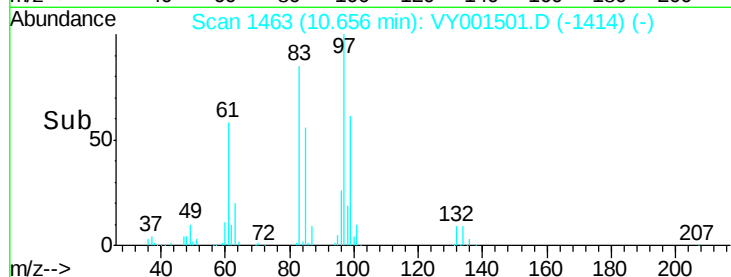
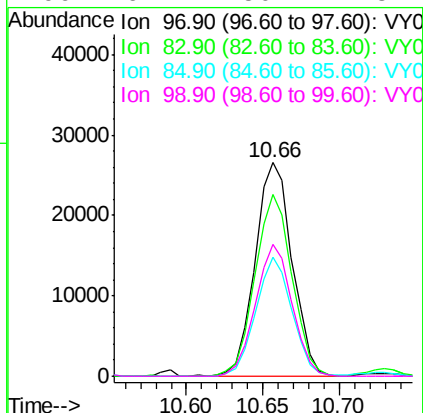
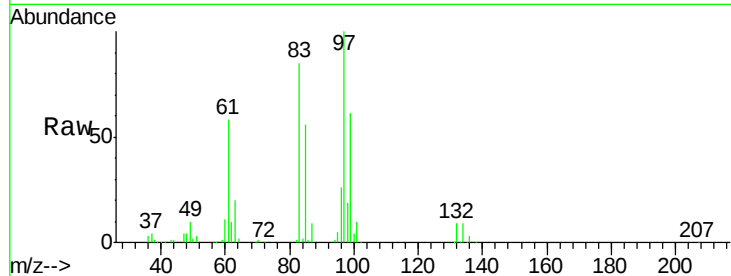




#55
 1,1,2-Trichloroethane
 Concen: 22.47 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

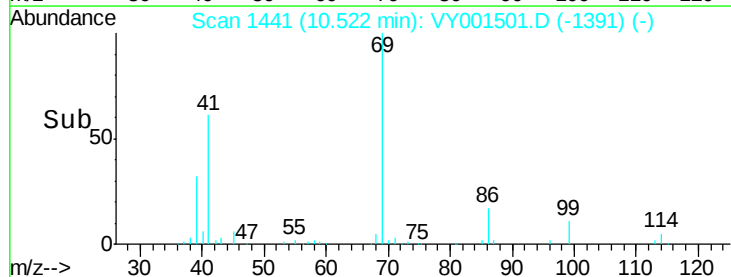
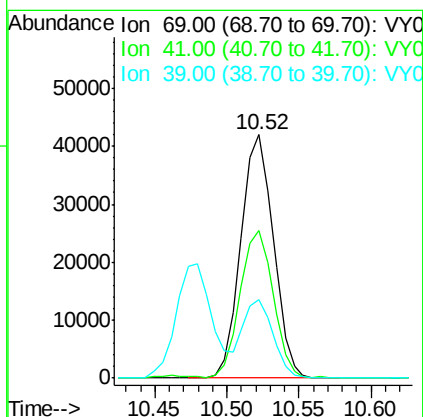
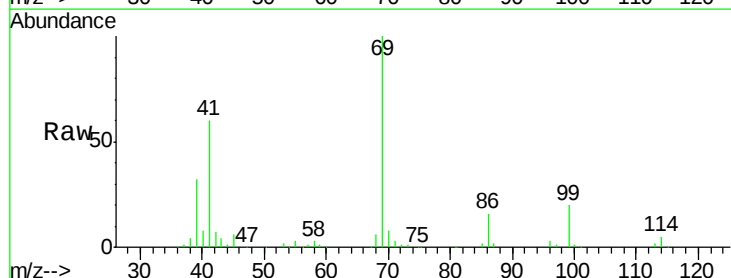
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

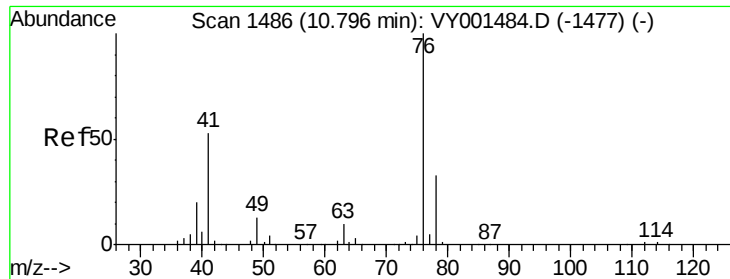
Tgt Ion: 97 Resp: 44894
 Ion Ratio Lower Upper
 97 100
 83 85.3 66.2 99.2
 85 55.7 43.8 65.6
 99 61.4 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 23.25 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 69 Resp: 66068
 Ion Ratio Lower Upper
 69 100
 41 61.6 47.8 71.8
 39 29.5 24.4 36.6

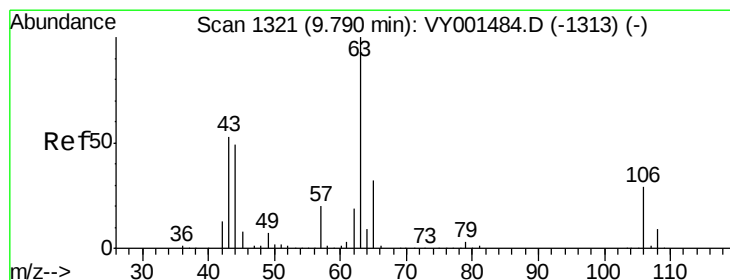
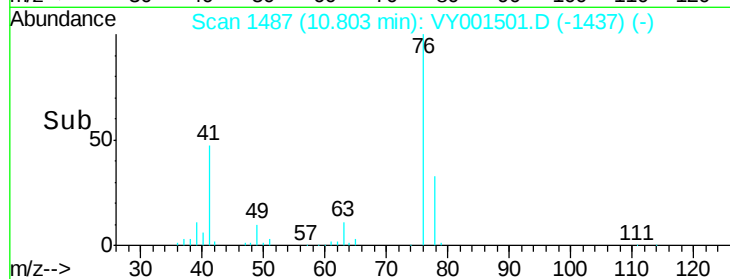
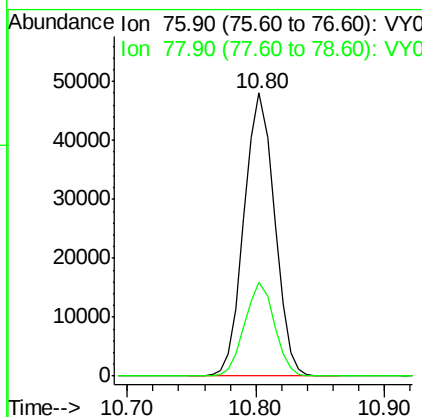
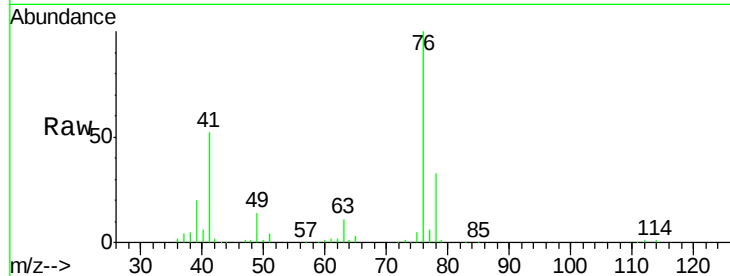




#57
 1,3-Dichloropropane
 Concen: 22.43 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

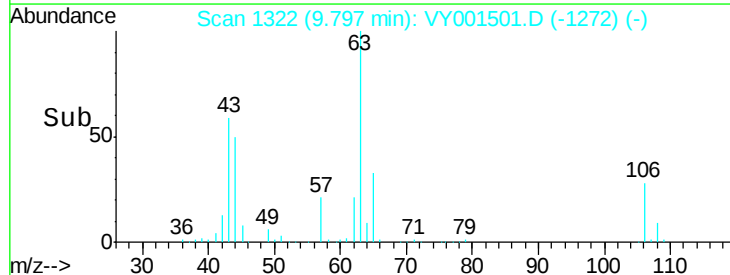
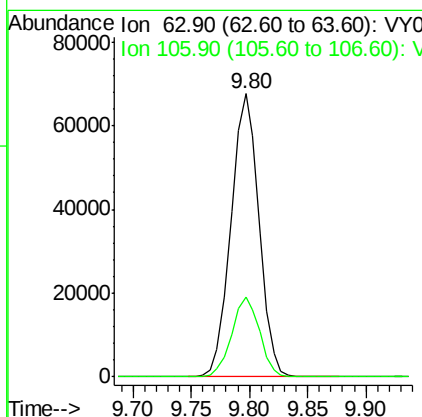
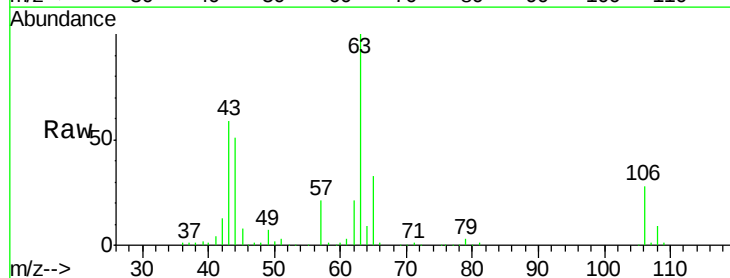
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

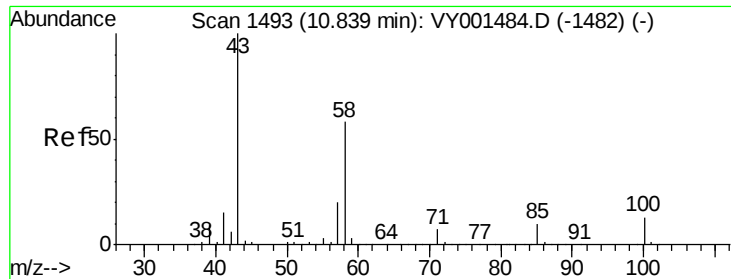
Tgt Ion: 76 Resp: 79022
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.18 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 63 Resp: 113106
 Ion Ratio Lower Upper
 63 100
 106 27.9 24.0 36.0

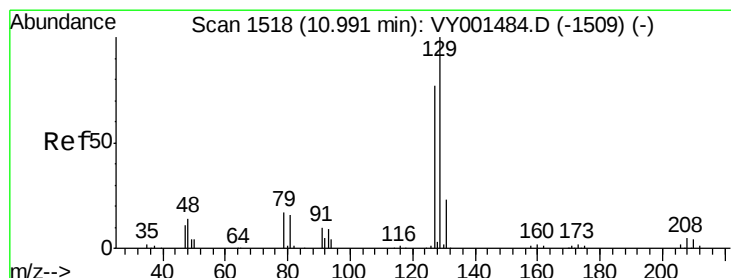
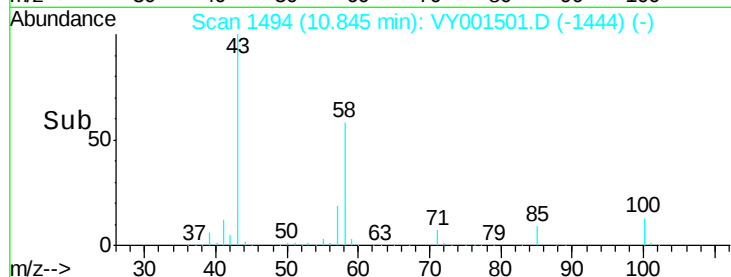
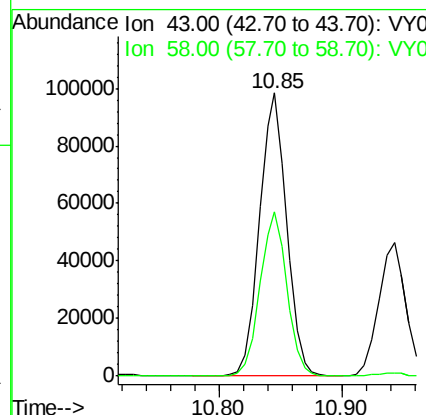
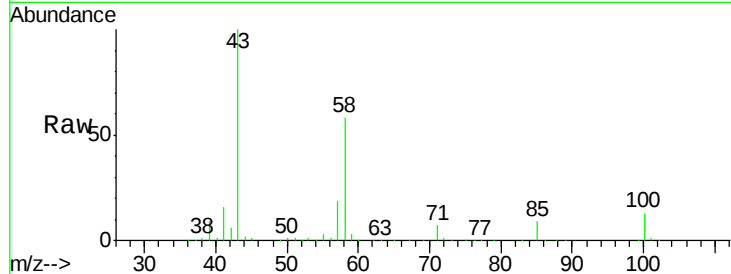




#59
2-Hexanone
Concen: 122.94 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

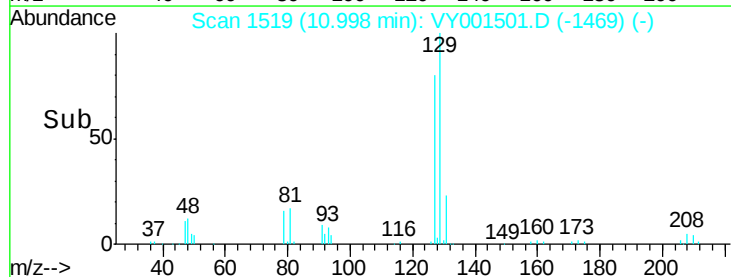
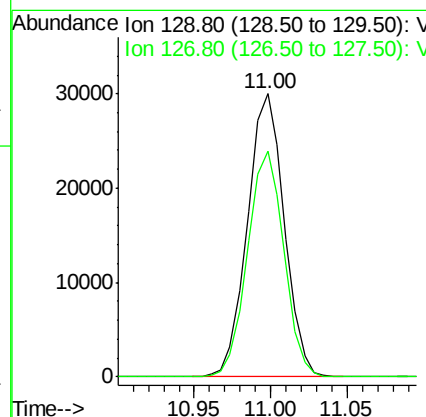
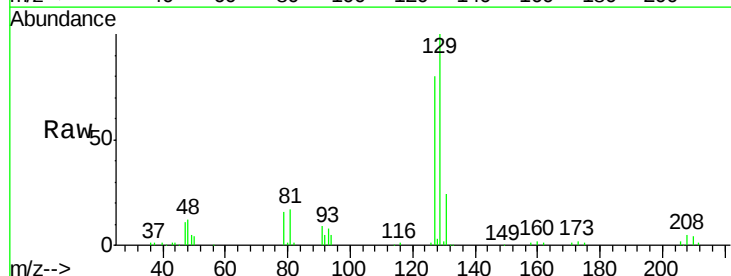
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

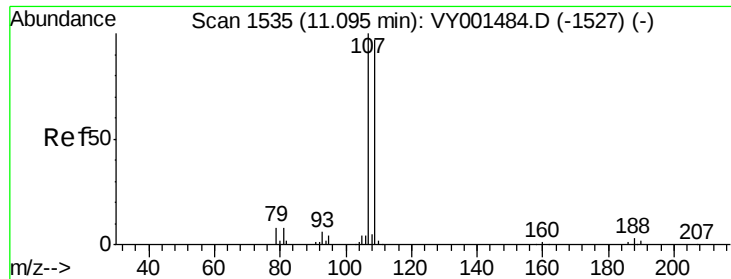
Tgt Ion: 43 Resp: 151940
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 21.27 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 129 Resp: 50089
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.6

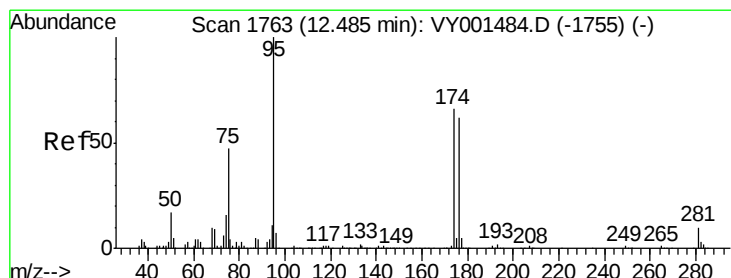
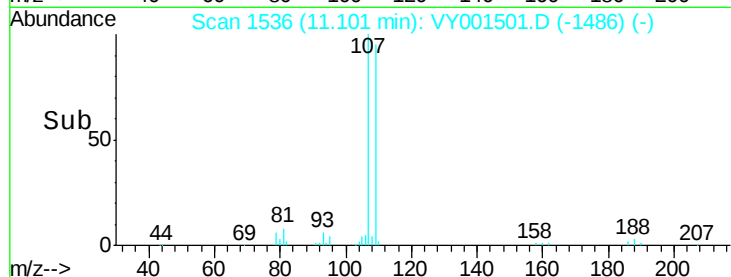
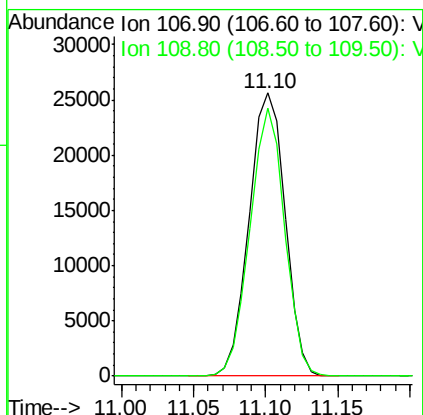
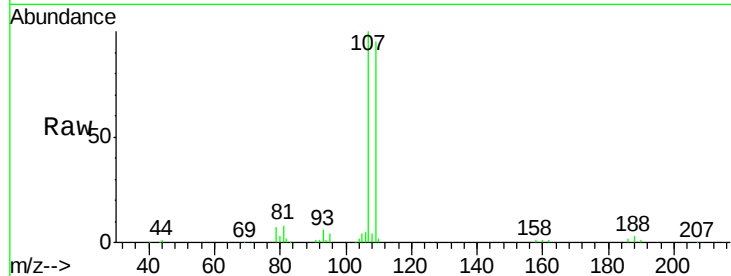




#61
 1,2-Dibromoethane
 Concen: 22.49 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

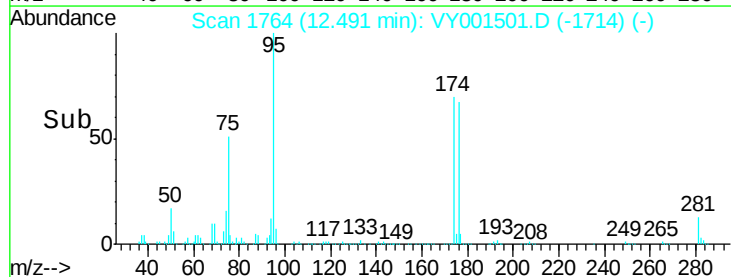
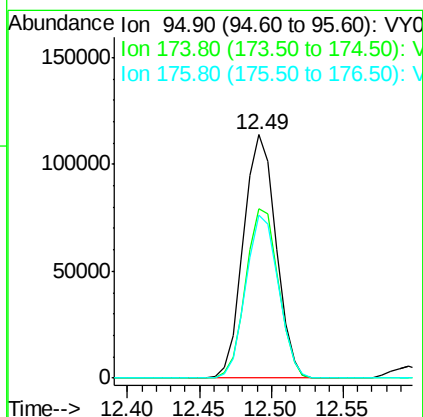
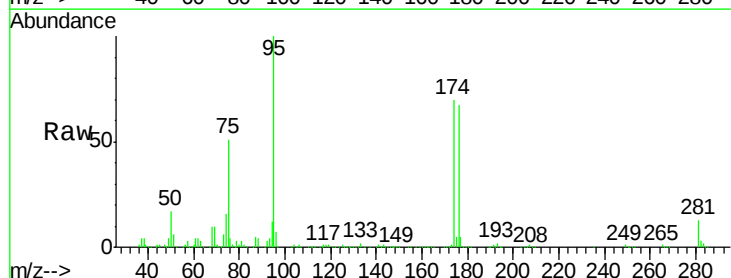
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

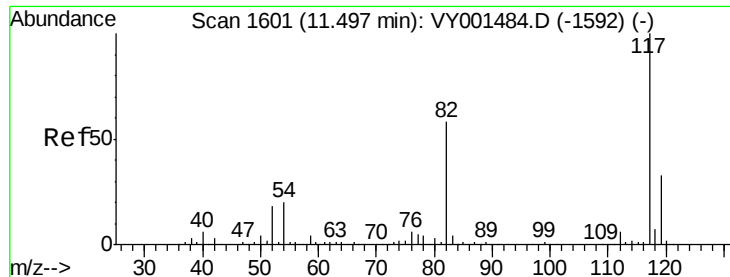
Tgt Ion: 107 Resp: 44266
 Ion Ratio Lower Upper
 107 100
 109 91.1 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 52.62 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 95 Resp: 178041
 Ion Ratio Lower Upper
 95 100
 174 69.8 0.0 141.4
 176 67.1 0.0 135.4

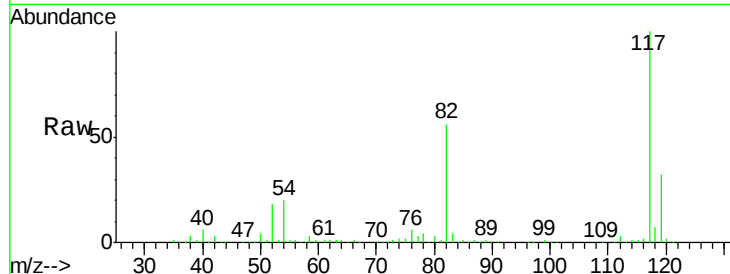




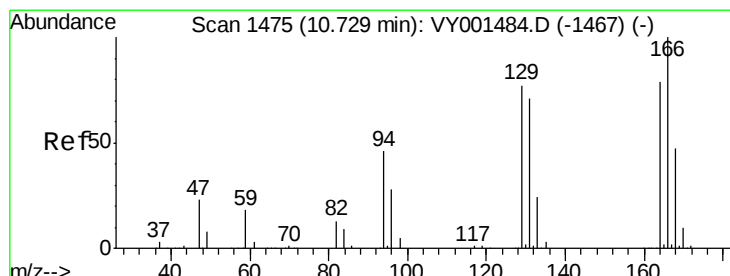
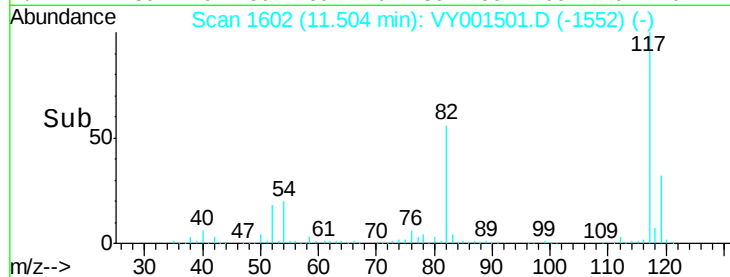
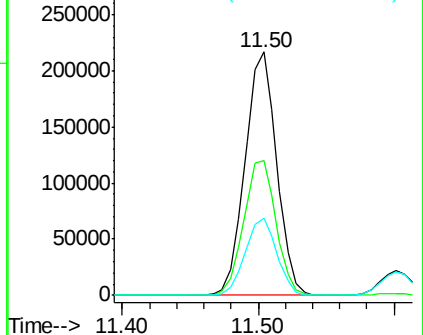
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tgt Ion:117 Resp: 352572
Ion Ratio Lower Upper
117 100
82 55.6 46.1 69.1
119 31.5 26.1 39.1



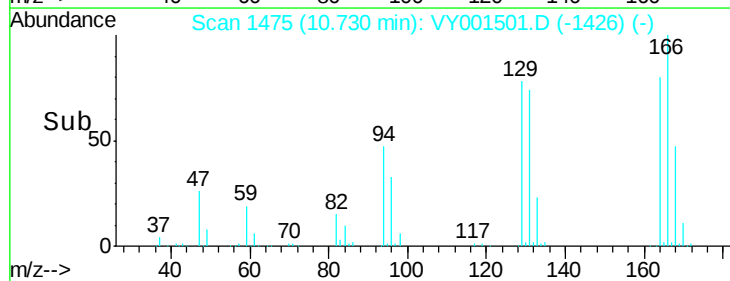
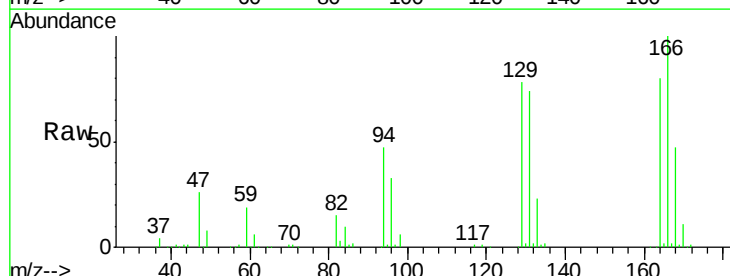
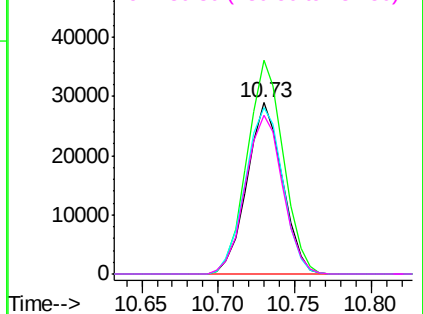
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

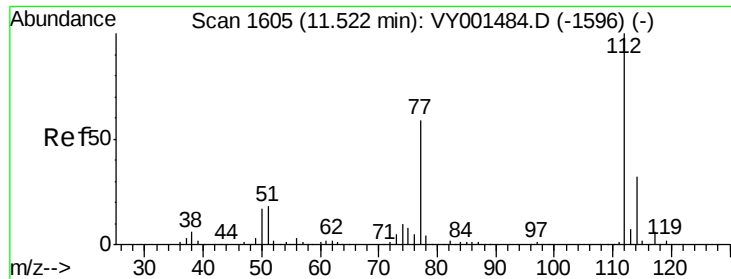


#64
Tetrachloroethene
Concen: 20.14 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion:164 Resp: 46576
Ion Ratio Lower Upper
164 100
166 124.9 100.8 151.2
129 97.0 77.8 116.6
131 92.8 72.0 108.0

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





#65

Chlorobenzene

Concen: 21.07 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

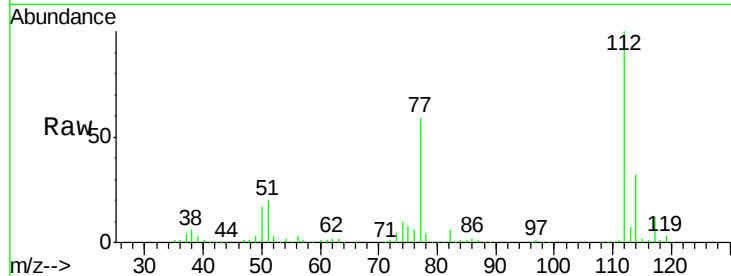
VY0205SBS01

Tgt Ion:112 Resp: 145833

Ion Ratio Lower Upper

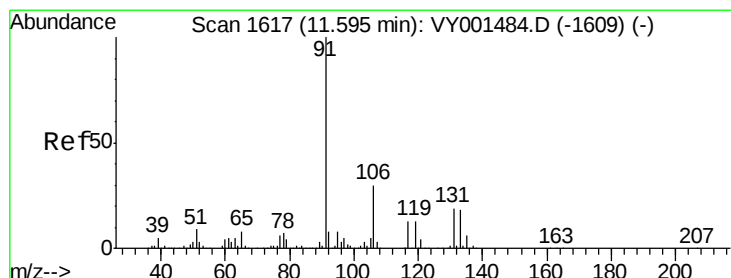
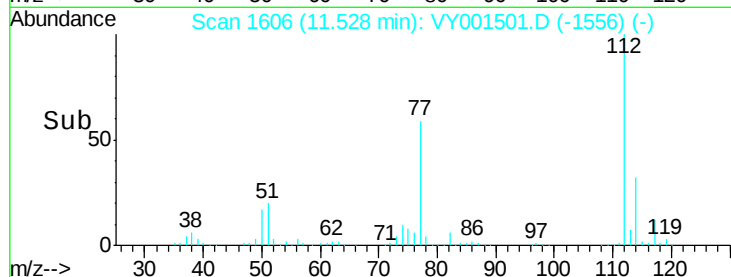
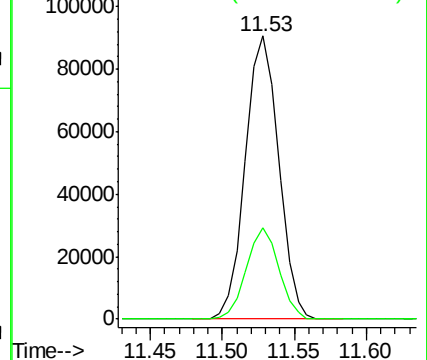
112 100

114 32.4 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.20 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

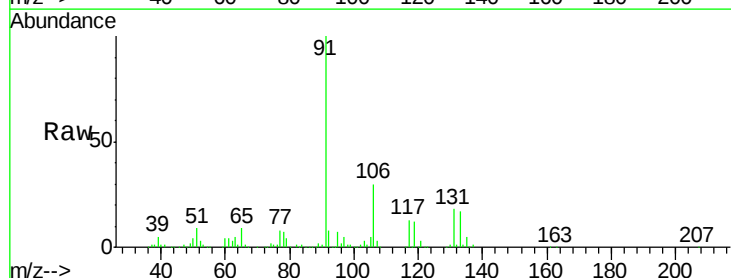
Tgt Ion:131 Resp: 51367

Ion Ratio Lower Upper

131 100

133 92.9 47.9 143.8

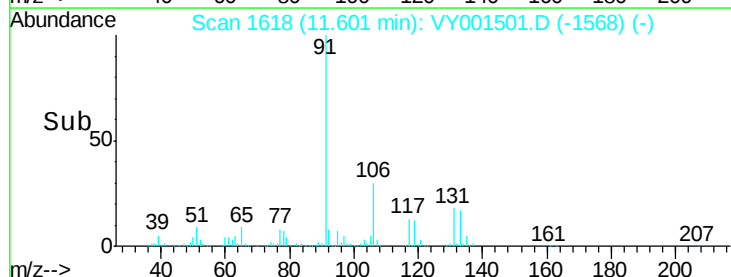
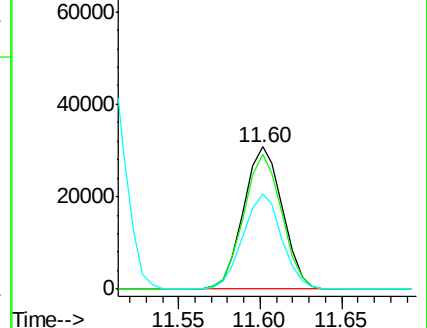
119 66.0 33.7 101.0

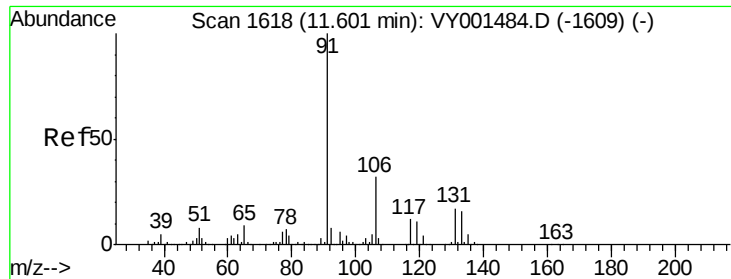


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

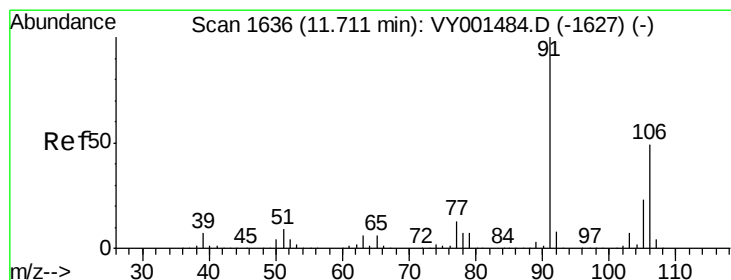
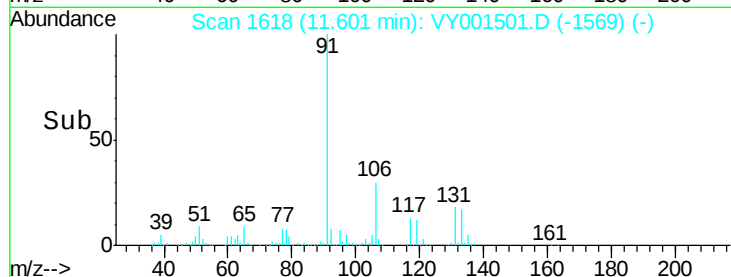
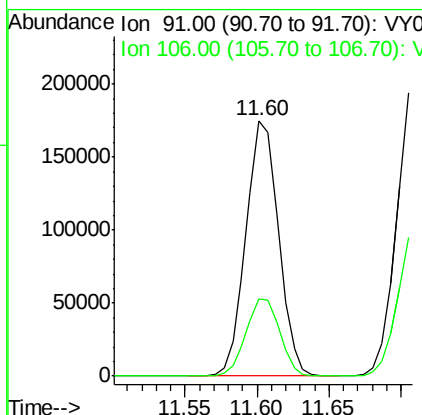
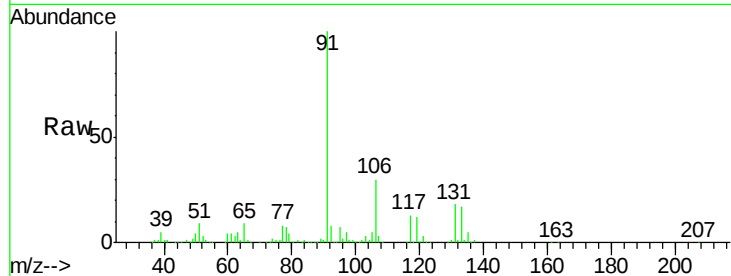




#67
Ethyl Benzene
Concen: 21.43 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

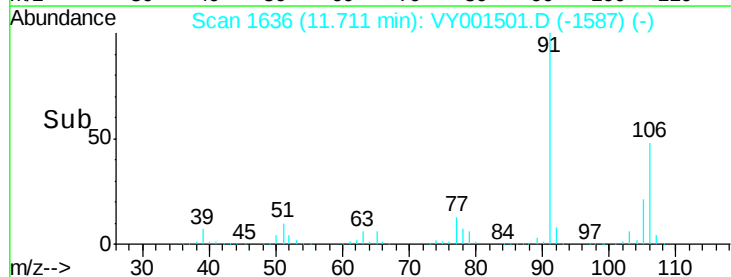
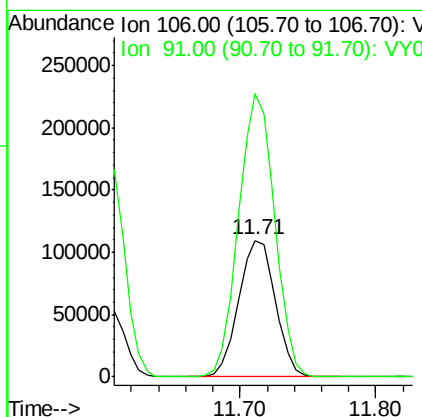
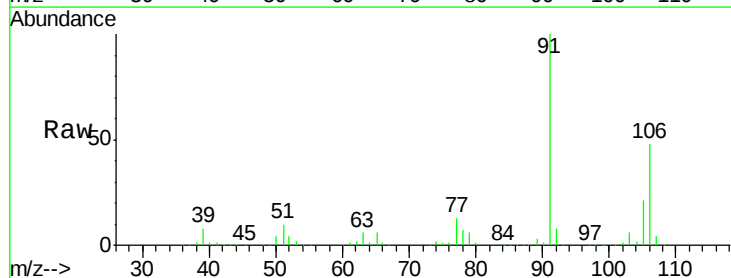
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tgt Ion: 91 Resp: 274281
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9



#68
m/p-Xylenes
Concen: 42.73 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion: 106 Resp: 205318
Ion Ratio Lower Upper
106 100
91 204.7 163.6 245.4

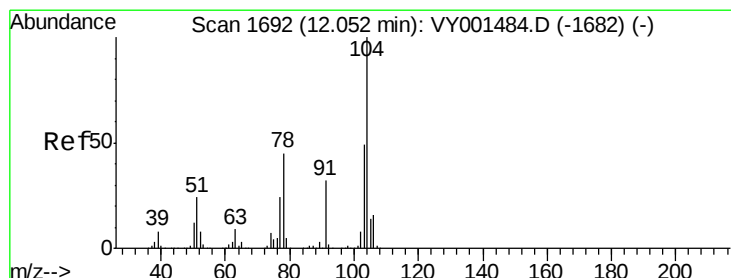
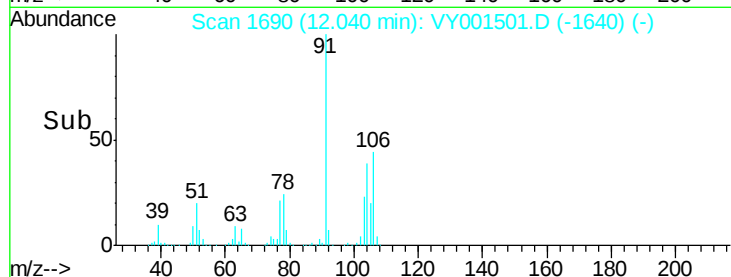
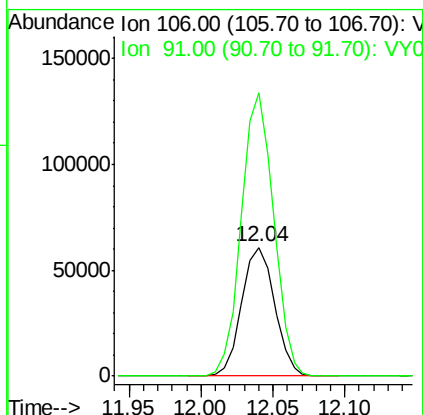
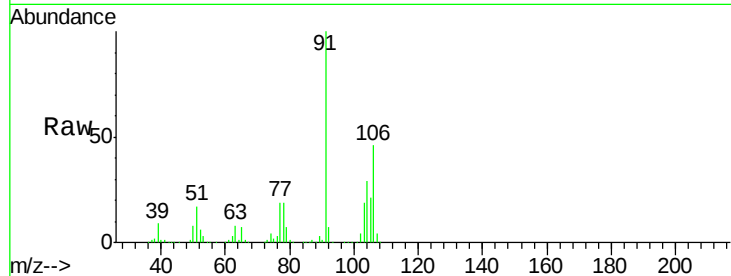




#69
o-Xylene
Concen: 21.29 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

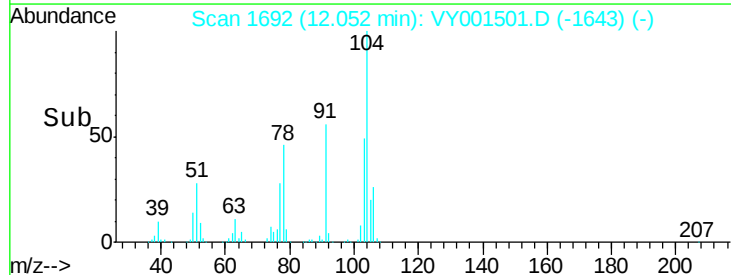
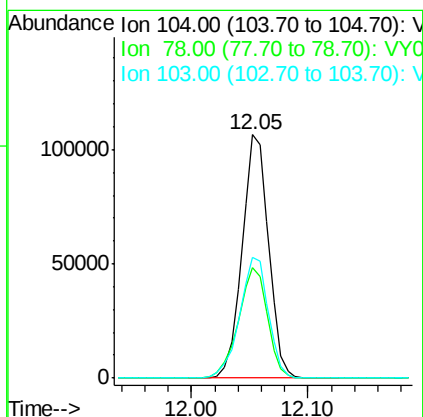
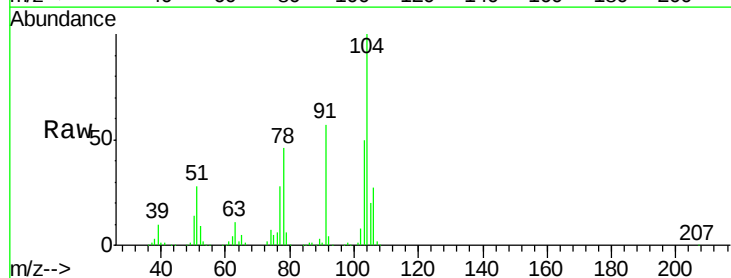
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

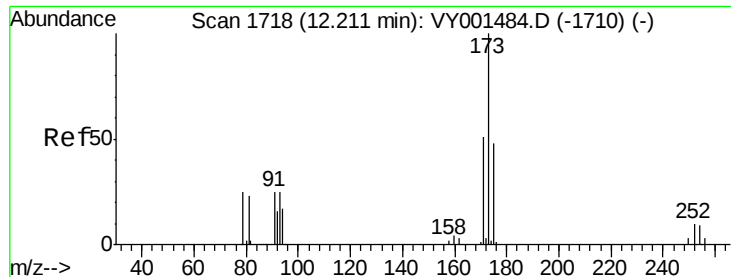
Tgt Ion:106 Resp: 96446
Ion Ratio Lower Upper
106 100
91 215.7 106.0 318.0



#70
Styrene
Concen: 21.55 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion:104 Resp: 168872
Ion Ratio Lower Upper
104 100
78 49.6 40.4 60.6
103 53.7 42.8 64.2





#71

Bromoform

Concen: 21.43 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

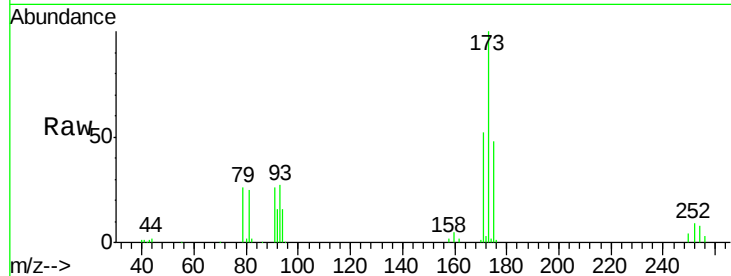
Tgt Ion:173 Resp: 28917

Ion Ratio Lower Upper

173 100

175 49.4 24.0 72.0

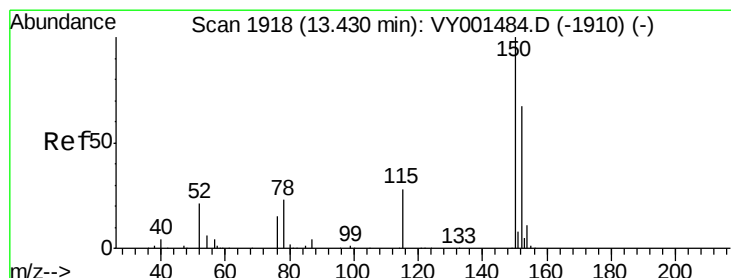
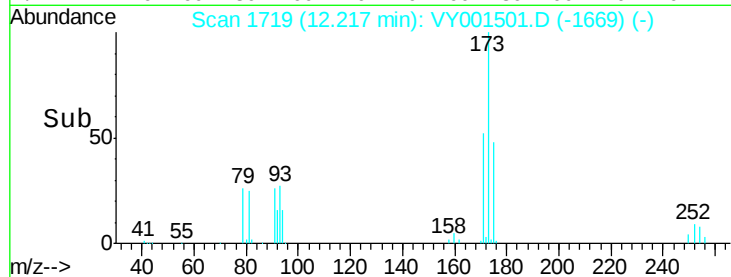
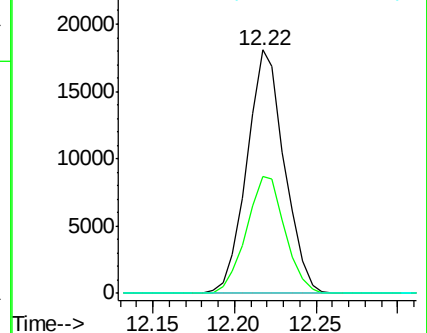
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

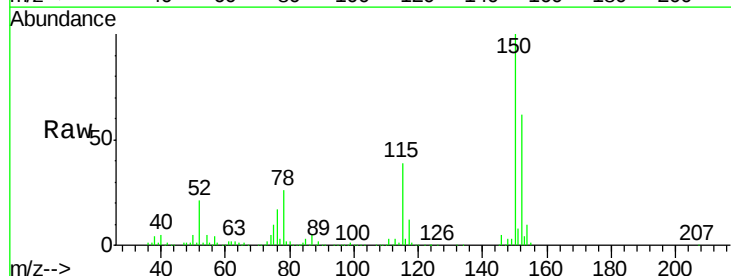
Tgt Ion:152 Resp: 164244

Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.3

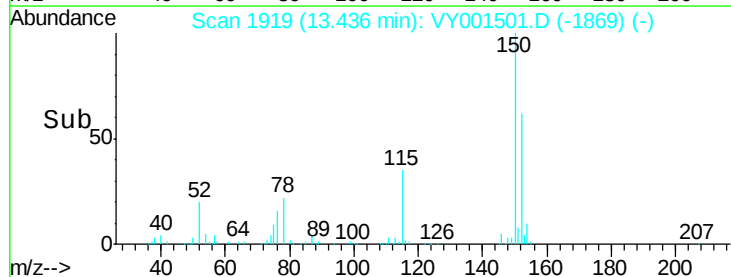
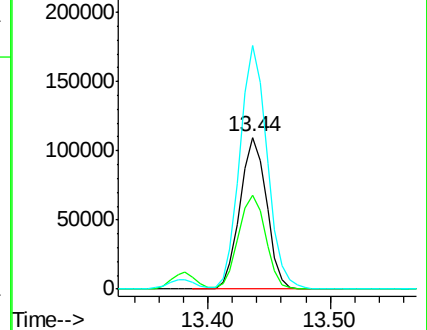
150 165.4 0.0 346.8

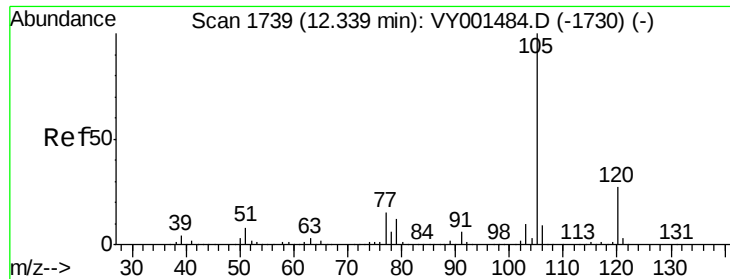


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.89 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

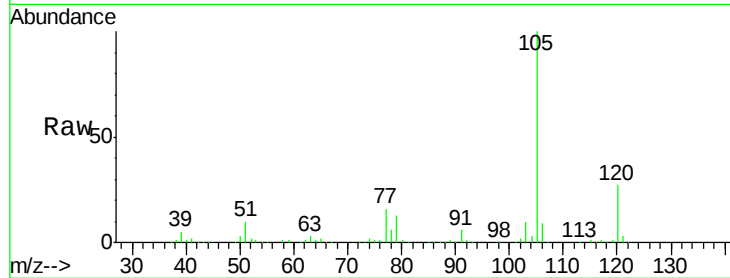
VY0205SBS01

Tgt Ion: 105 Resp: 261634

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

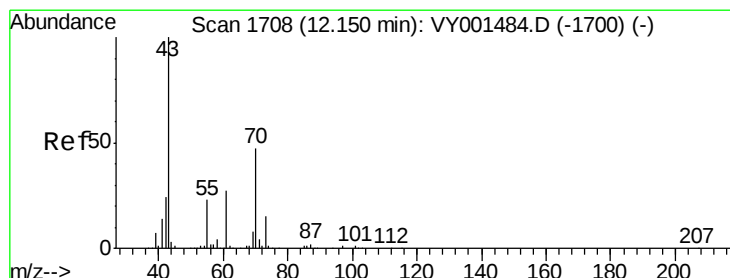
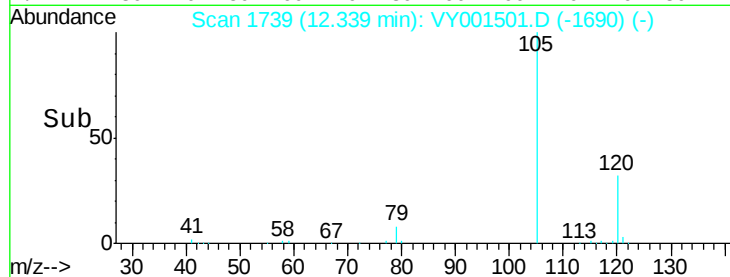
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 23.23 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Tgt Ion: 43 Resp: 75630

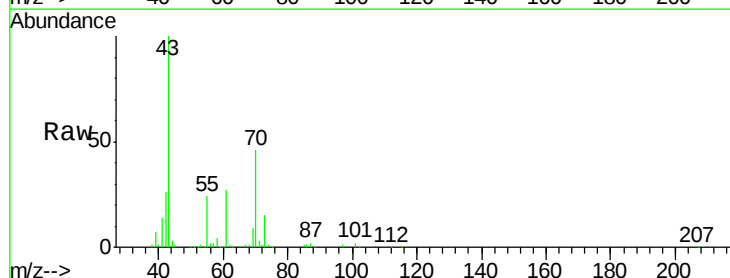
Ion Ratio Lower Upper

43 100

70 45.8 37.2 55.8

55 24.4 18.8 28.2

61 26.9 21.4 32.2



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

80000

60000

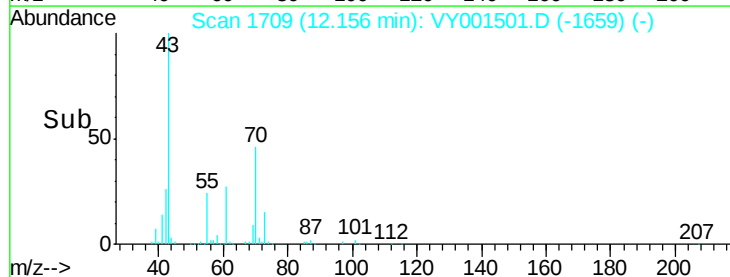
40000

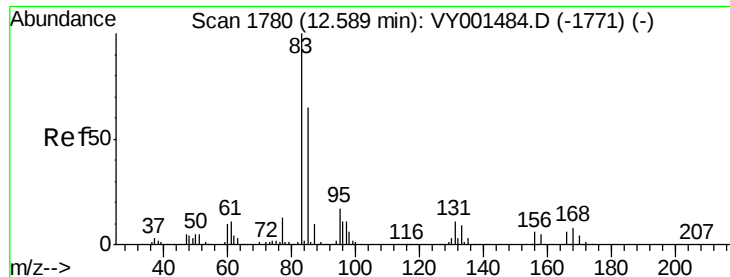
20000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.14 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

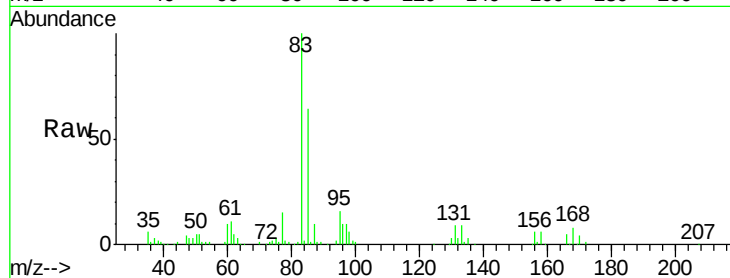
Tgt Ion: 83 Resp: 55061

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

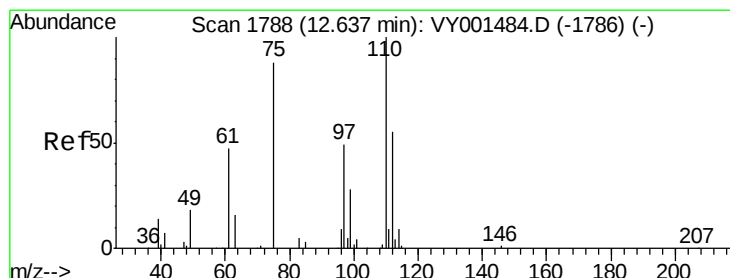
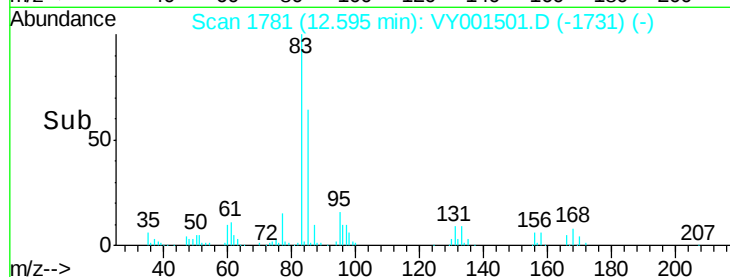
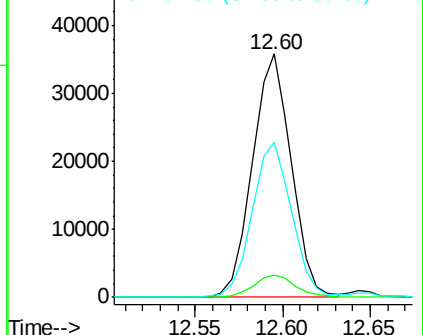
85 64.8 32.0 96.0



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: 41.54 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001501.D

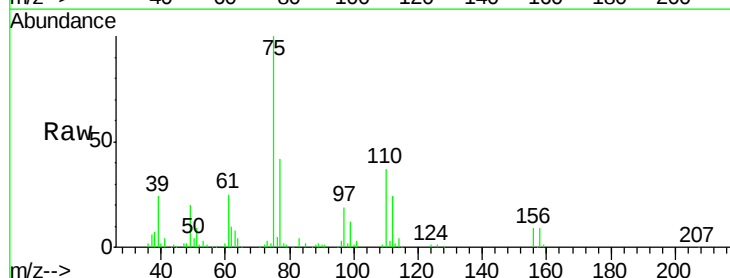
Acq: 05 Feb 2020 12:46

Tgt Ion: 75 Resp: 73364

Ion Ratio Lower Upper

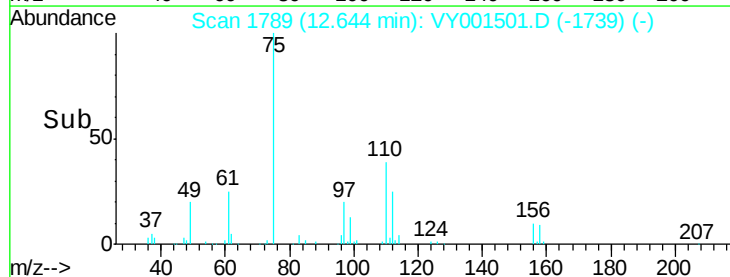
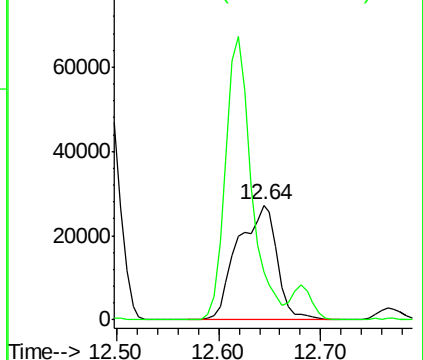
75 100

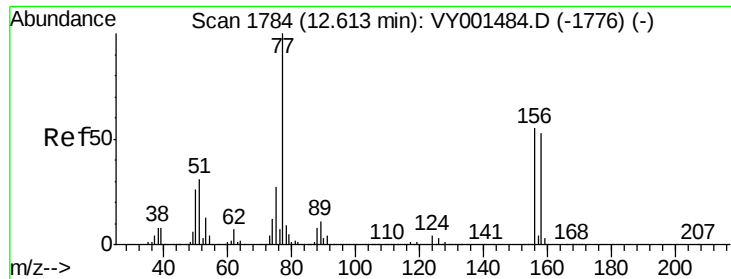
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.84 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

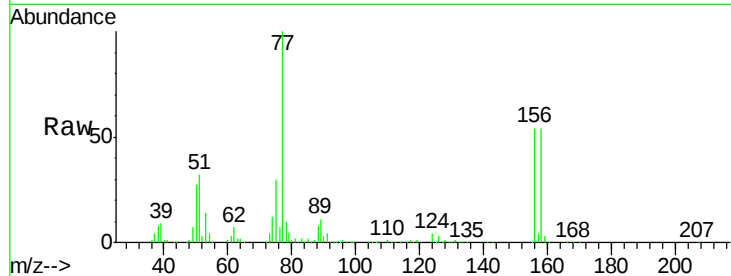
Tgt Ion:156 Resp: 56507

Ion Ratio Lower Upper

156 100

77 210.7 99.8 299.3

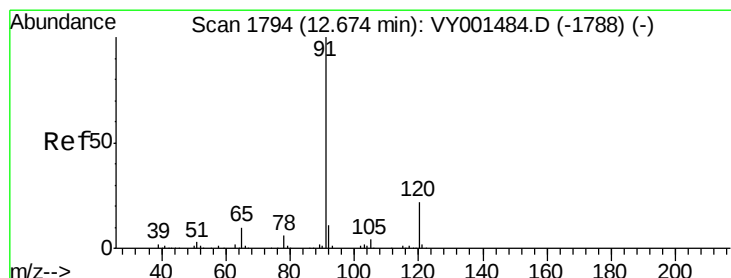
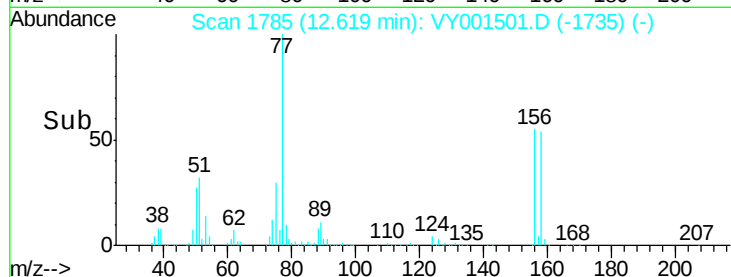
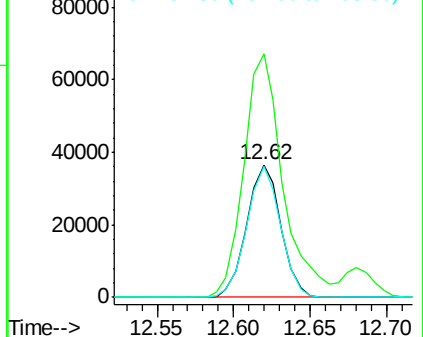
158 98.0 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.34 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001501.D

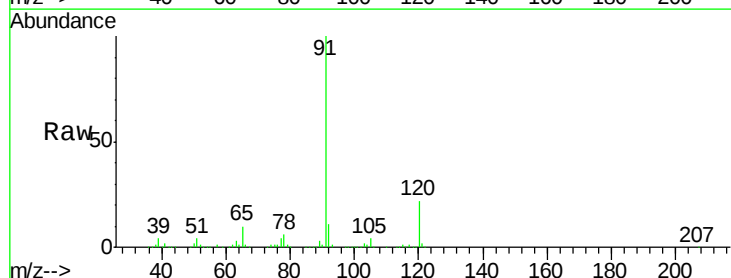
Acq: 05 Feb 2020 12:46

Tgt Ion: 91 Resp: 319960

Ion Ratio Lower Upper

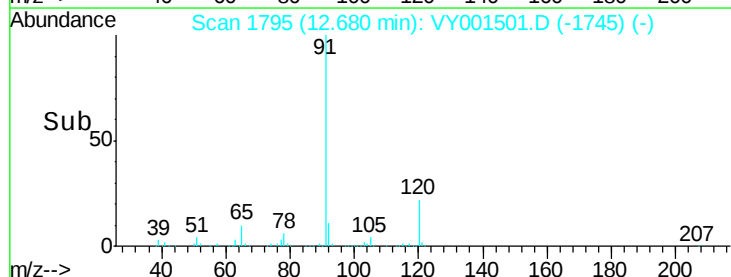
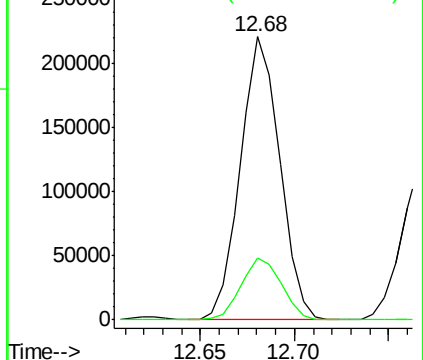
91 100

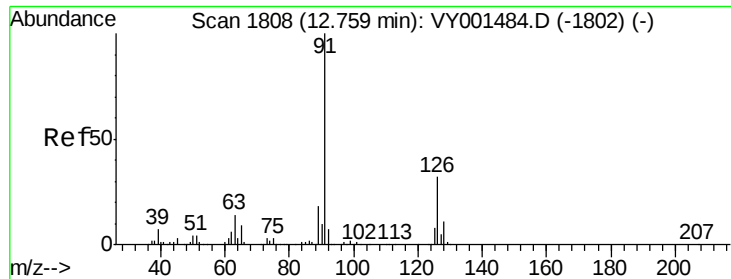
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

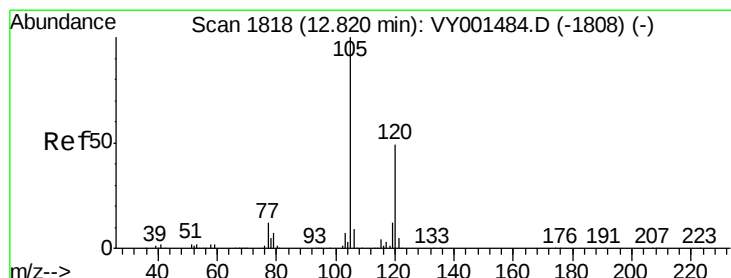
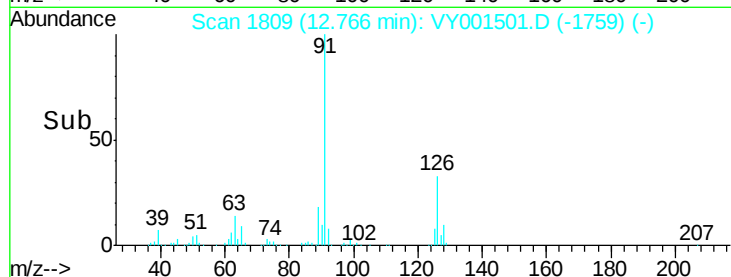
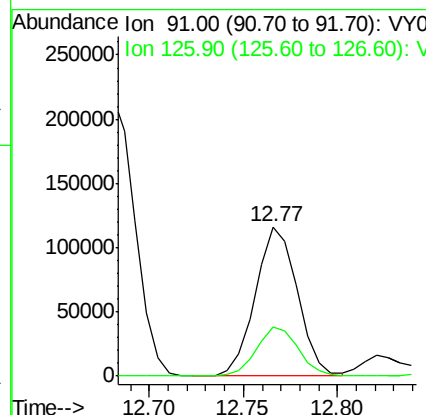
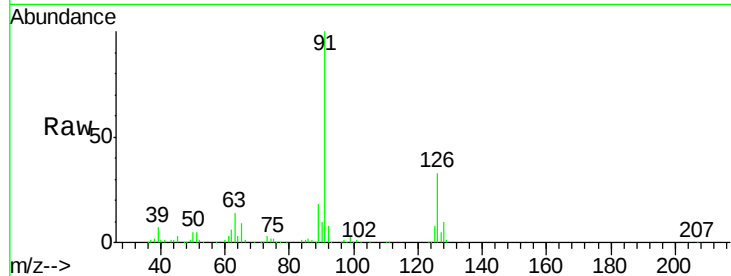




#79
 2-Chlorotoluene
 Concen: 21.14 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

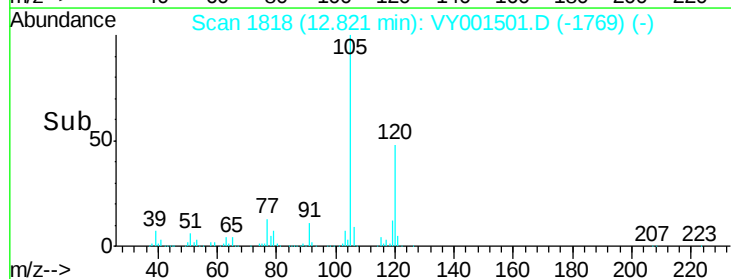
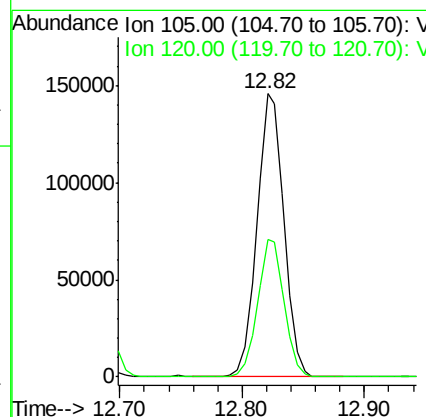
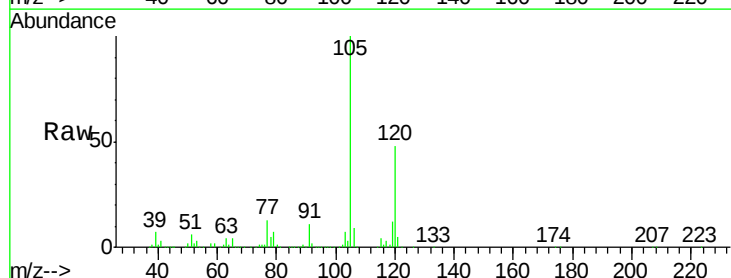
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

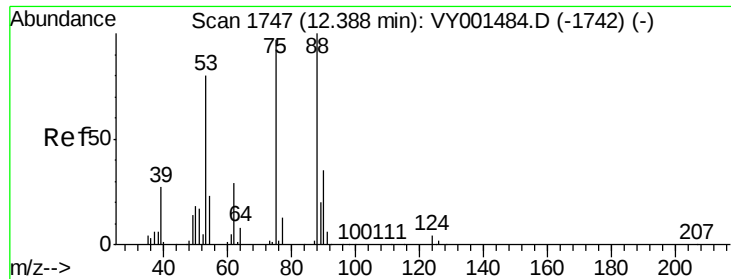
Tgt Ion: 91 Resp: 180720
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.16 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 105 Resp: 223232
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.98 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

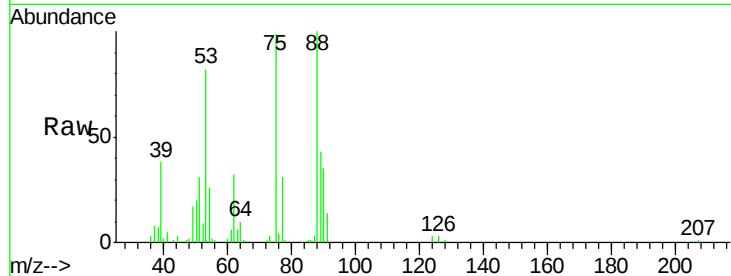
Tgt Ion: 75 Resp: 20974

Ion Ratio Lower Upper

75 100

53 80.3 67.7 101.5

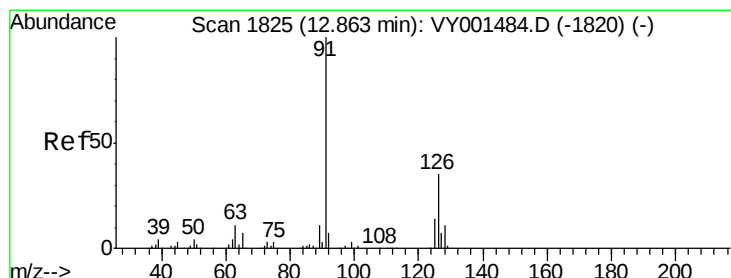
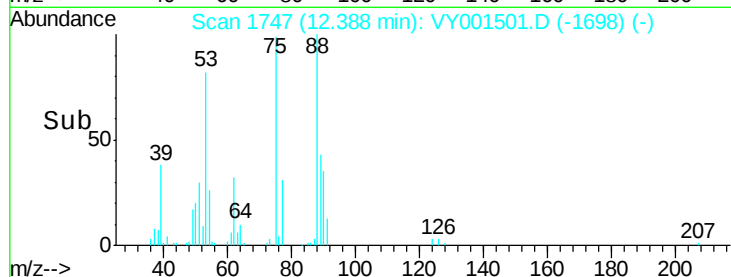
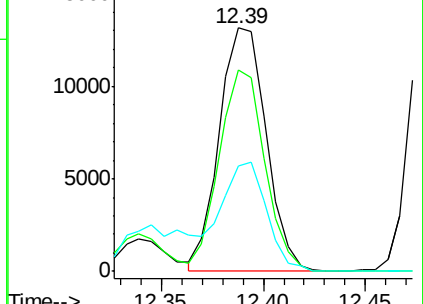
89 42.8 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.36 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001501.D

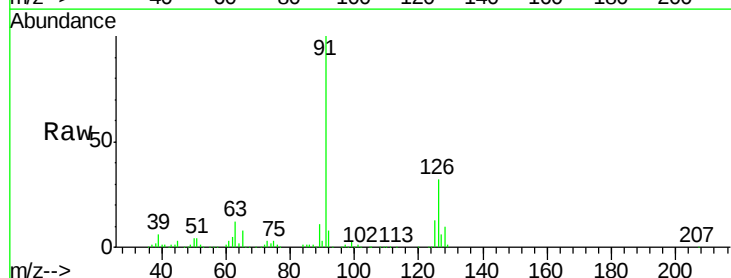
Acq: 05 Feb 2020 12:46

Tgt Ion: 91 Resp: 191410

Ion Ratio Lower Upper

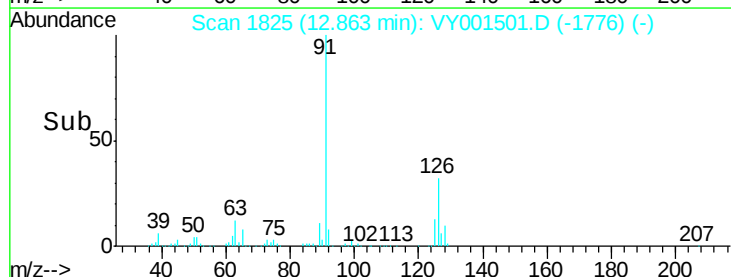
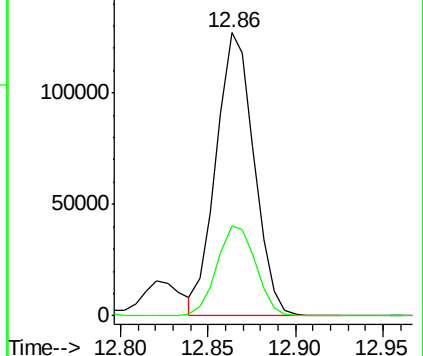
91 100

126 32.4 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

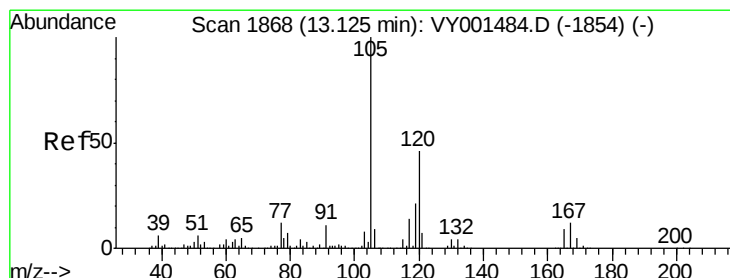
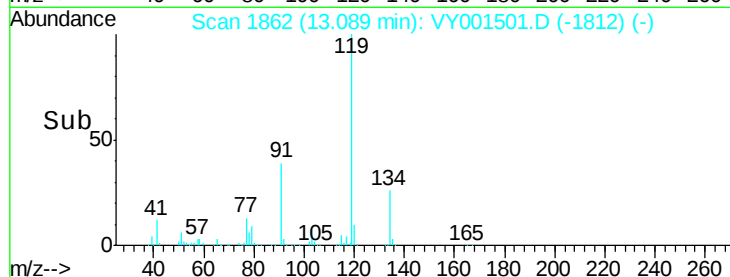
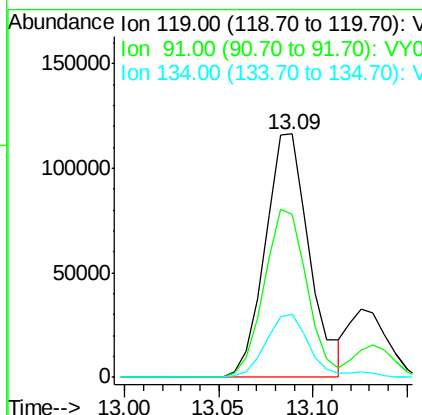
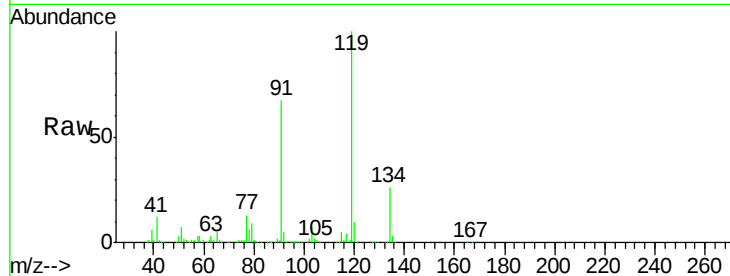




#83
tert-Butylbenzene
Concen: 21.26 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

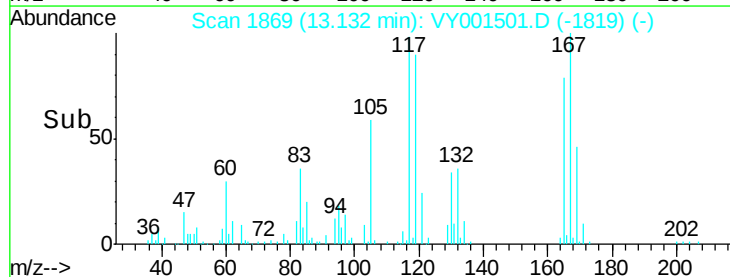
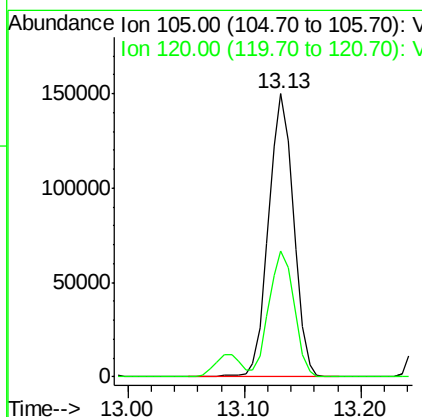
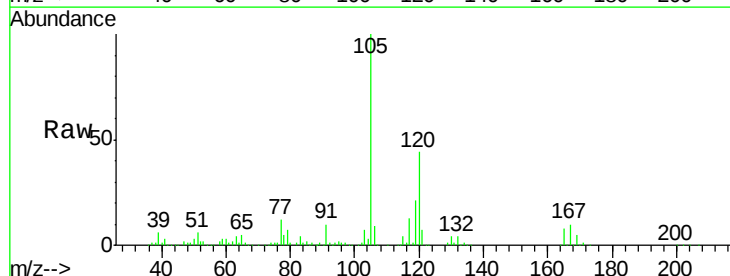
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

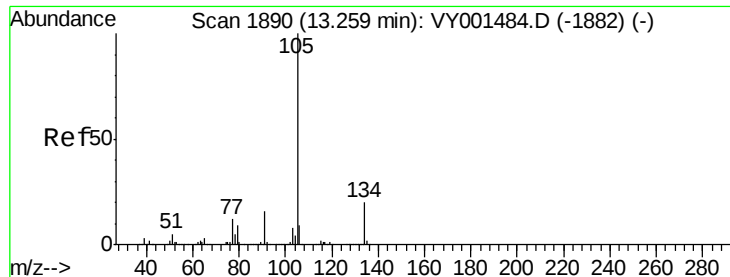
Tgt Ion:119 Resp: 189622
Ion Ratio Lower Upper
119 100
91 66.7 33.1 99.3
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 21.30 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion:105 Resp: 222396
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0





#85

sec-Butylbenzene

Concen: 21.70 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

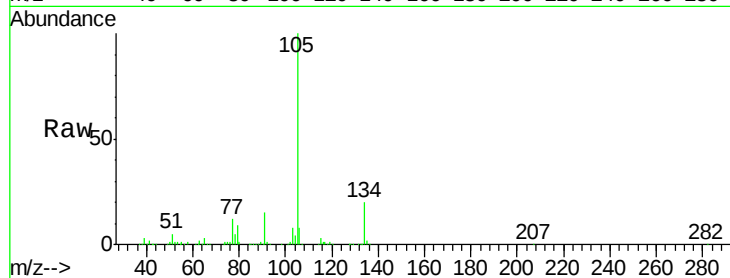
VY0205SBS01

Tgt Ion:105 Resp: 272102

Ion Ratio Lower Upper

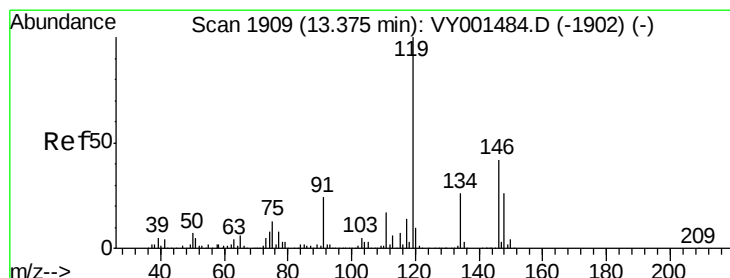
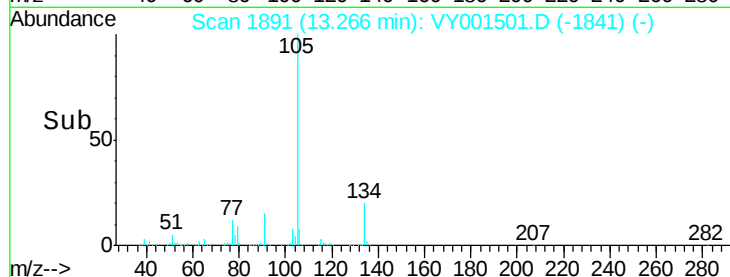
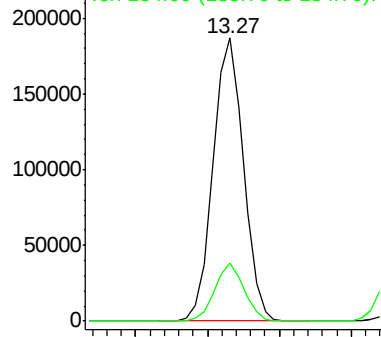
105 100

134 19.6 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.59 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

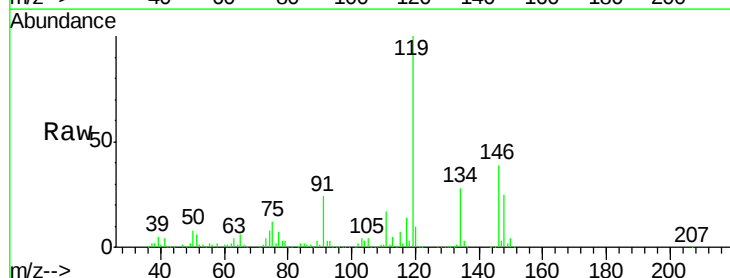
Tgt Ion:119 Resp: 238523

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

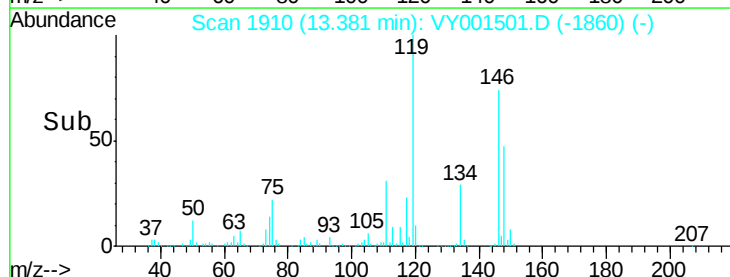
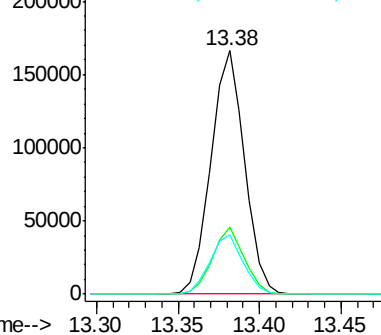
91 24.2 12.2 36.6

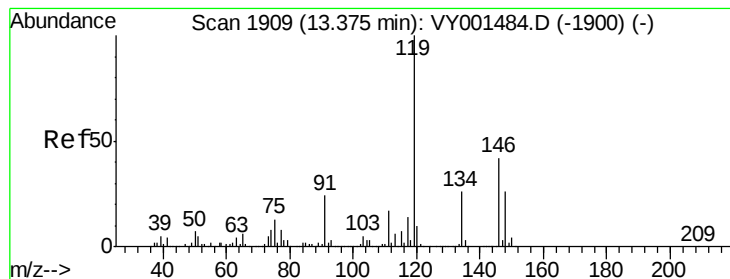


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.53 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

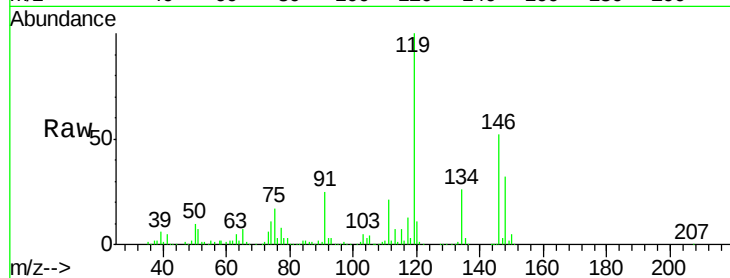
Tgt Ion:146 Resp: 111862

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

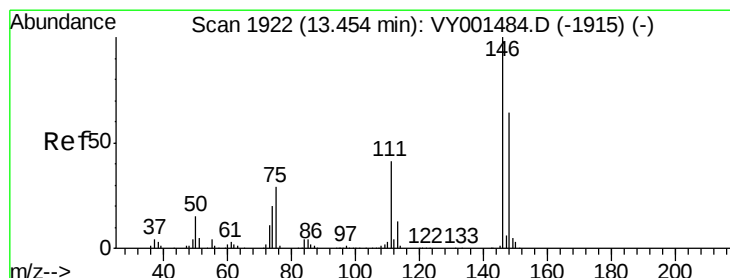
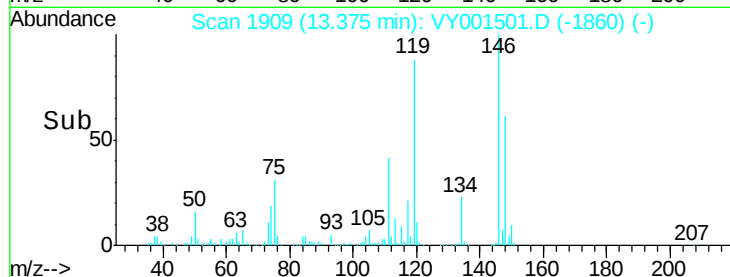
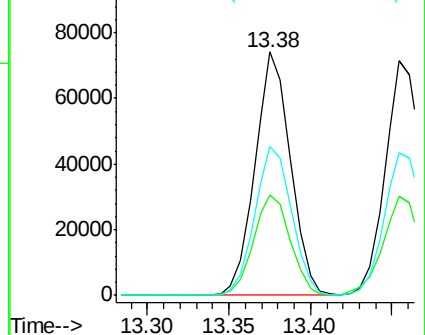
148 63.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.22 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

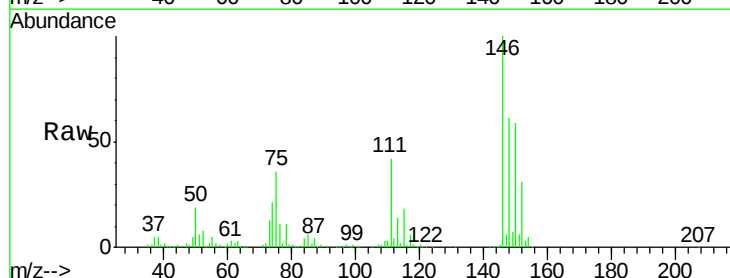
Tgt Ion:146 Resp: 110448

Ion Ratio Lower Upper

146 100

111 43.5 20.7 62.1

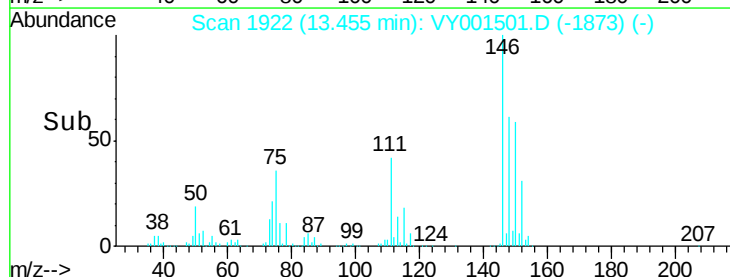
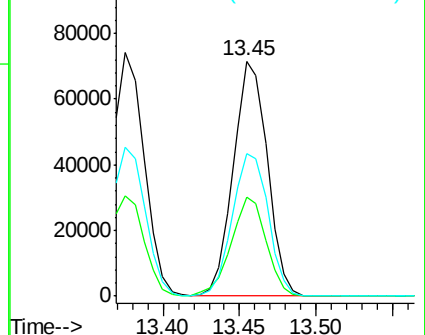
148 63.9 32.1 96.5

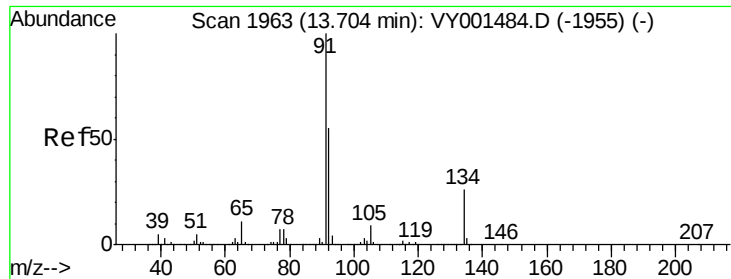


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.97 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001501.D

Acq: 05 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

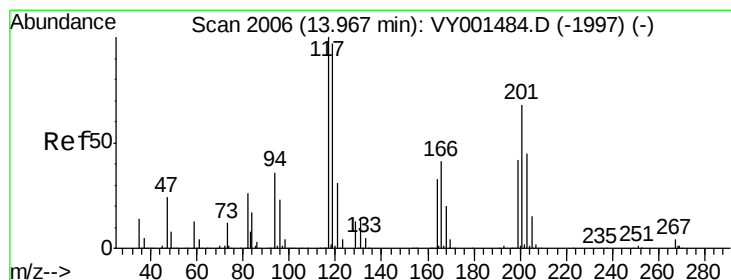
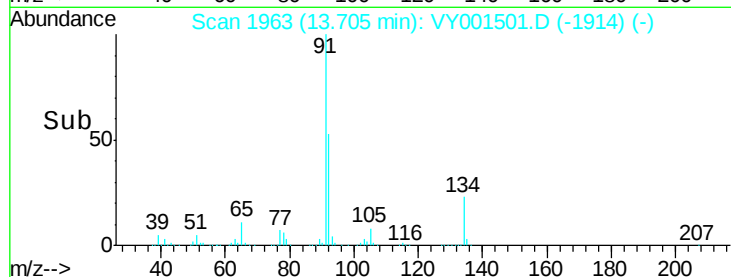
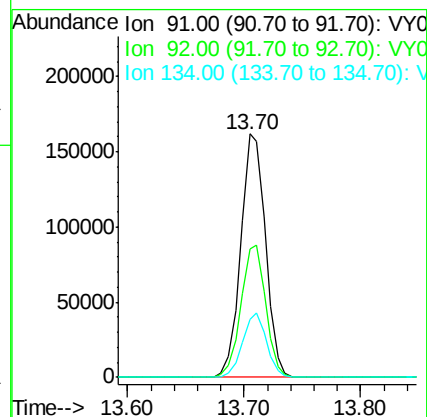
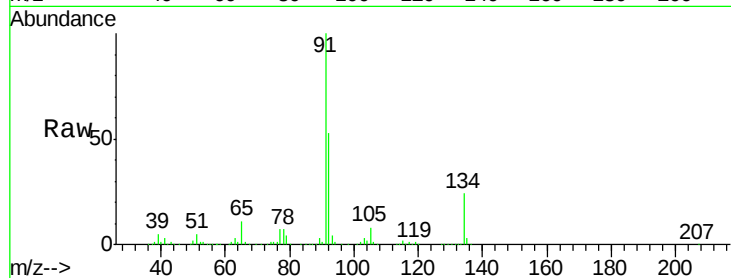
Tgt Ion: 91 Resp: 239464

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.9

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 21.66 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY001501.D

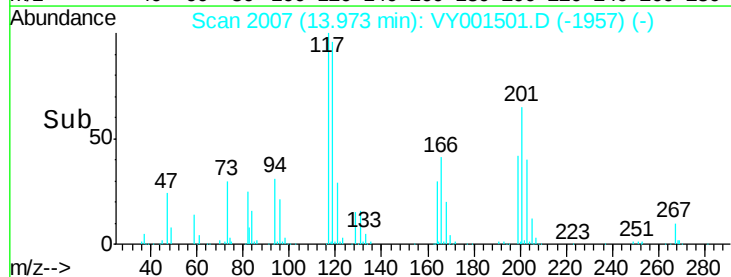
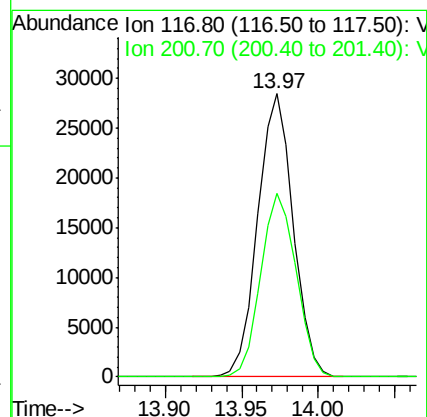
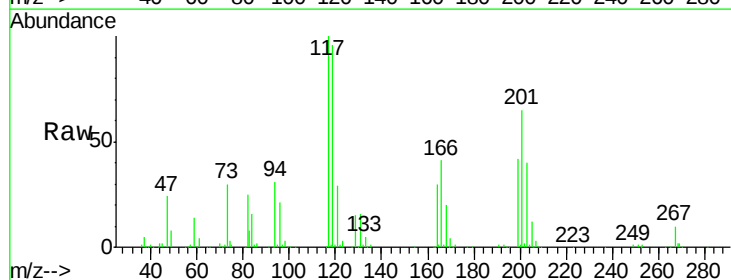
Acq: 05 Feb 2020 12:46

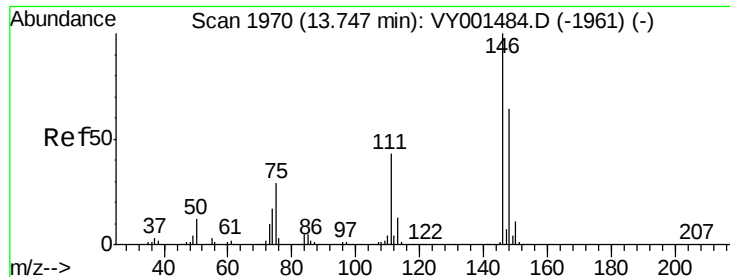
Tgt Ion: 117 Resp: 45923

Ion Ratio Lower Upper

117 100

201 65.1 34.1 102.3

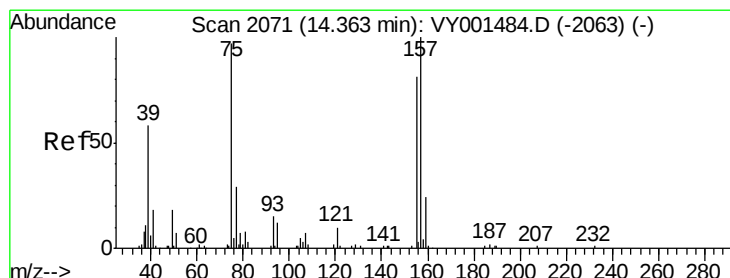
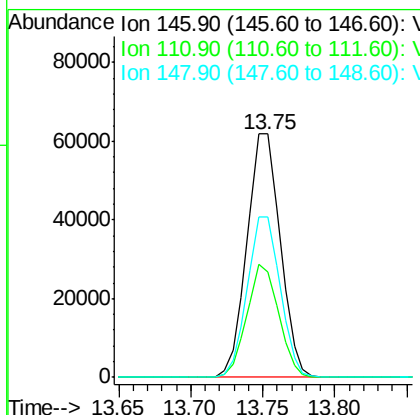
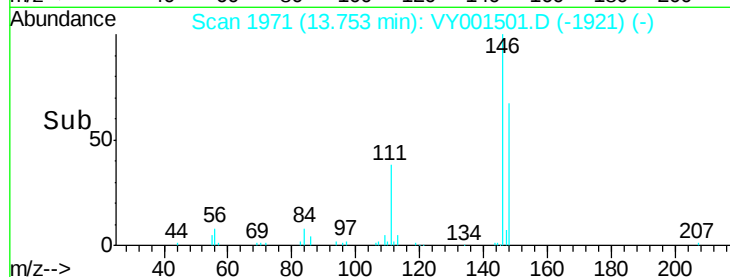
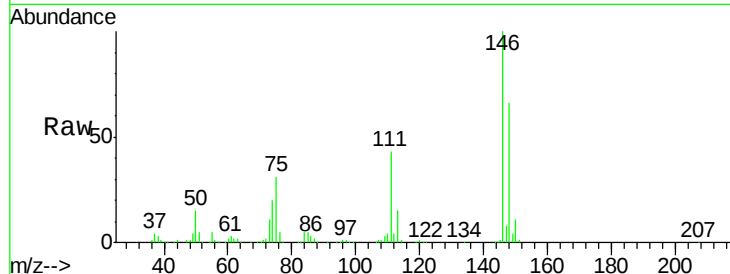




#91
 1,2-Dichlorobenzene
 Concen: 21.00 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

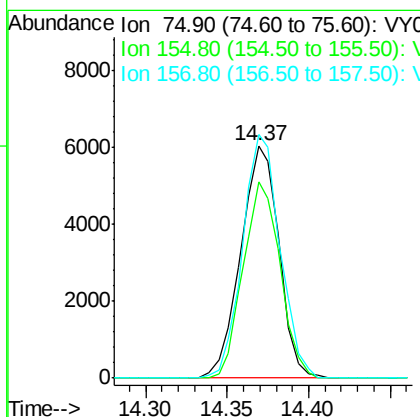
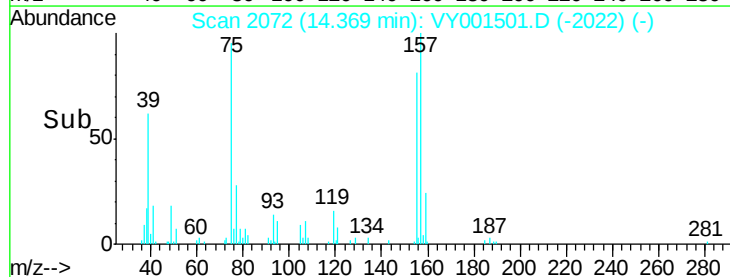
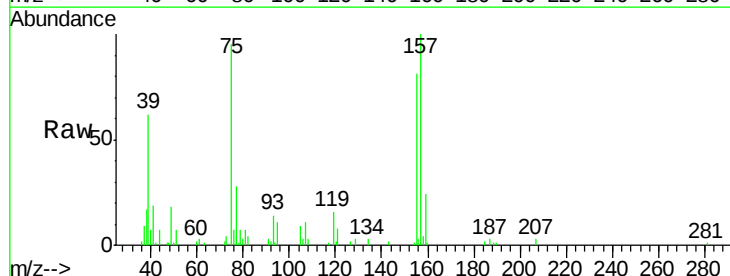
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

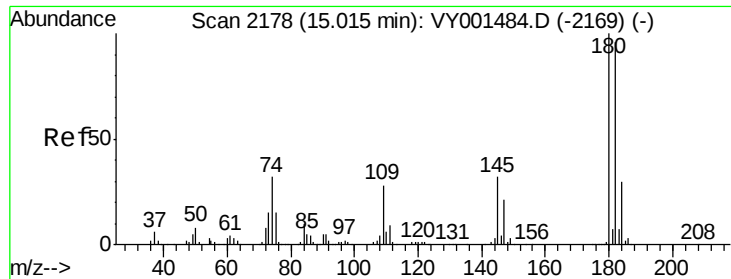
Tgt Ion: 146 Resp: 98892
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.9 65.8
 148 65.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.41 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion: 75 Resp: 9848
 Ion Ratio Lower Upper
 75 100
 155 81.8 40.7 122.1
 157 102.7 52.3 157.1

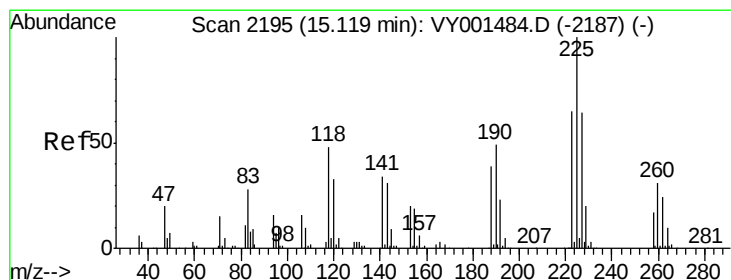
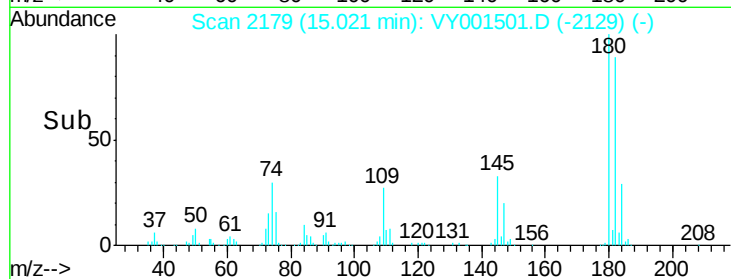
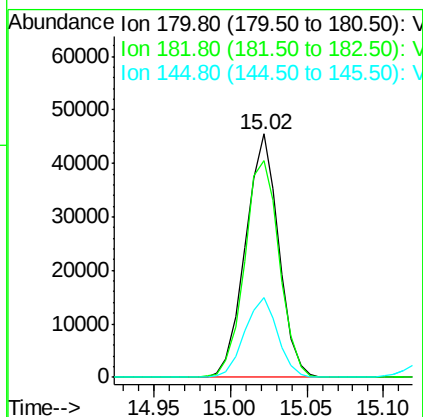
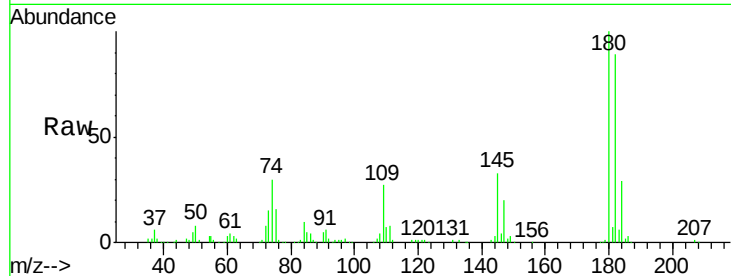




#93
 1,2,4-Trichlorobenzene
 Concen: 21.53 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

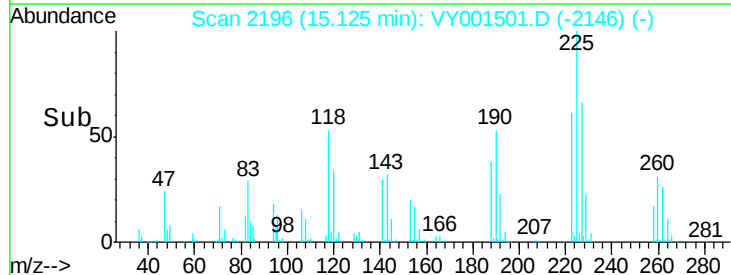
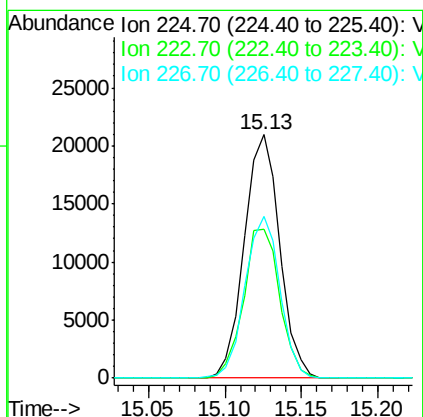
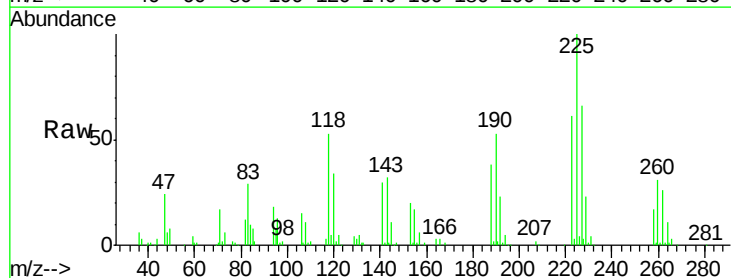
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

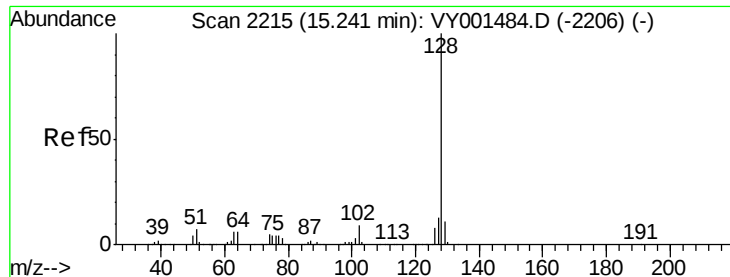
Tgt Ion:180 Resp: 68313
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.9 140.7
 145 32.8 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 20.97 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001501.D
 Acq: 05 Feb 2020 12:46

Tgt Ion:225 Resp: 33764
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 65.3 32.6 97.7

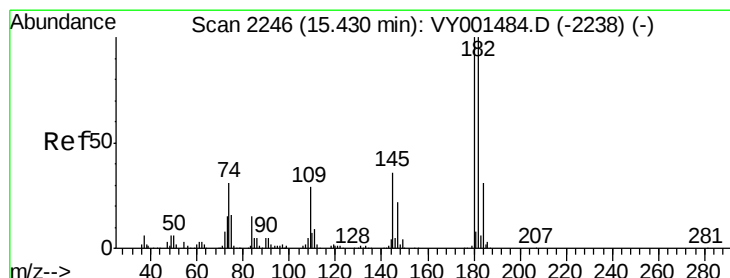
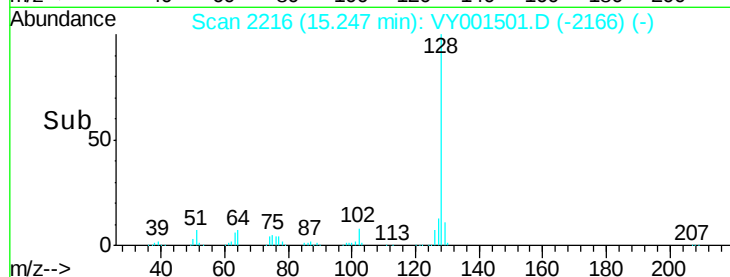
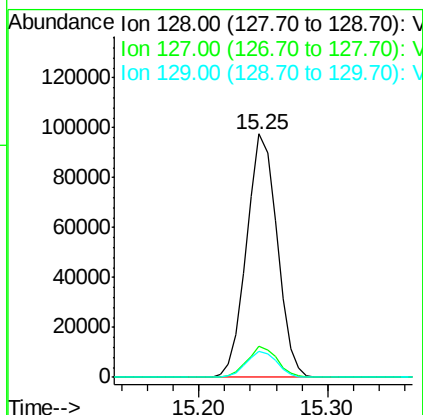
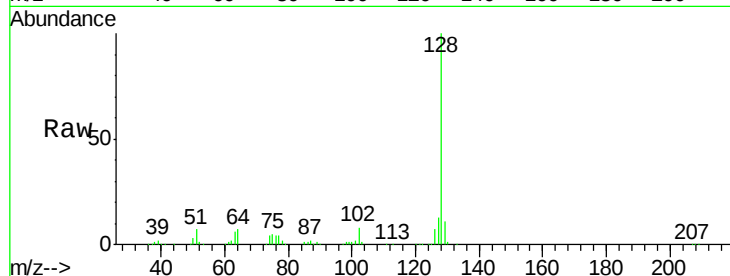




#95
Naphthalene
Concen: 21.38 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

Tgt Ion:128 Resp: 159408
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.20 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001501.D
Acq: 05 Feb 2020 12:46

Tgt Ion:180 Resp: 59371
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 34.7 17.8 53.5

