

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
 Data File : VY001767.D
 Acq On : 24 Feb 2020 12:55
 Operator : SY/MD
 Sample : VY0224SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Quant Time: Feb 24 13:35:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	193946	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	343894	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	312637	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	142588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	102884	49.32	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.73	113	92128	46.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.54%	
50) Toluene-d8	10.18	98	384398	49.81	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.49	95	135611	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	31600	16.71	ug/l	100
3) Chloromethane	2.12	50	46738	18.38	ug/l	97
4) Vinyl Chloride	2.26	62	44698	17.43	ug/l	97
5) Bromomethane	2.65	94	29264	18.26	ug/l	96
6) Chloroethane	2.80	64	28527	18.05	ug/l	97
7) Trichlorofluoromethane	3.13	101	62099	18.92	ug/l	99
8) Diethyl Ether	3.54	74	25690	19.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41209	19.97	ug/l	96
10) Methyl Iodide	4.10	142	42893	16.99	ug/l	99
11) Tert butyl alcohol	4.96	59	34275	129.63	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	40890	19.43	ug/l	96
13) Acrolein	3.74	56	19443	92.28	ug/l	99
14) Allyl chloride	4.49	41	74506	19.89	ug/l	96
15) Acrylonitrile	5.19	53	67497	101.76	ug/l	99
16) Acetone	3.96	43	61638	85.39	ug/l	98
17) Carbon Disulfide	4.21	76	126747	18.04	ug/l	98
18) Methyl Acetate	4.50	43	33928	21.58	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	112917	19.27	ug/l	98
20) Methylene Chloride	4.73	84	50018	19.51	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	45551	18.97	ug/l	99
22) Diisopropyl ether	6.13	45	151567	19.71	ug/l	98
23) Vinyl Acetate	6.08	43	485311	96.74	ug/l	98
24) 1,1-Dichloroethane	6.04	63	81224	19.76	ug/l	99
25) 2-Butanone	7.00	43	92194	94.02	ug/l	96
26) 2,2-Dichloropropane	6.99	77	67825	18.96	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	51295	19.36	ug/l	100
28) Bromochloromethane	7.35	49	32037	18.71	ug/l	97
29) Tetrahydrofuran	7.36	42	58747	99.12	ug/l	97
30) Chloroform	7.52	83	75975	18.92	ug/l	97
31) Cyclohexane	7.79	56	84830	19.36	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	63950	18.94	ug/l	99
36) 1,1-Dichloropropene	7.93	75	62792	19.12	ug/l	99
37) Ethyl Acetate	7.09	43	38109	19.44	ug/l	97
38) Carbon Tetrachloride	7.91	117	55273	19.16	ug/l	97

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 ALS Vial : 8 Sample Multiplier: 1

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	83645	19.19	ug/l	98
40) Benzene	8.17	78	187264	19.38	ug/l	100
41) Methacrylonitrile	7.36	41	52423	53.25	ug/l #	31
42) 1,2-Dichloroethane	8.25	62	51596	19.60	ug/l	98
43) Isopropyl Acetate	8.28	43	71503	19.22	ug/l	100
44) Trichloroethene	8.95	130	45531	18.88	ug/l	98
45) 1,2-Dichloropropane	9.22	63	47548	19.65	ug/l	99
46) Dibromomethane	9.32	93	24627	19.46	ug/l	99
47) Bromodichloromethane	9.50	83	57598	18.86	ug/l	99
48) Methyl methacrylate	9.30	41	32698	19.44	ug/l	99
49) 1,4-Dioxane	9.30	88	6917	386.99	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	189972	99.40	ug/l	99
52) Toluene	10.25	92	115631	19.19	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	64368	19.06	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	75362	19.39	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	36471	19.55	ug/l	94
56) Ethyl methacrylate	10.51	69	52797	18.86	ug/l	96
57) 1,3-Dichloropropane	10.80	76	65244	19.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	144014	127.42	ug/l	100
59) 2-Hexanone	10.83	43	135200	94.28	ug/l	98
60) Dibromochloromethane	10.99	129	38631	18.78	ug/l	98
61) 1,2-Dibromoethane	11.10	107	33981	19.26	ug/l	98
64) Tetrachloroethene	10.72	164	36871	18.79	ug/l	98
65) Chlorobenzene	11.52	112	118202	18.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	39418	18.72	ug/l	99
67) Ethyl Benzene	11.60	91	222525	19.21	ug/l	99
68) m/p-Xylenes	11.70	106	163980	37.90	ug/l	100
69) o-Xylene	12.03	106	77916	18.94	ug/l	97
70) Styrene	12.05	104	134119	18.76	ug/l	99
71) Bromoform	12.21	173	22122	18.38	ug/l #	97
73) Isopropylbenzene	12.33	105	208958	19.24	ug/l	100
74) N-amyl acetate	12.14	43	66656	19.23	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	45370	19.56	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	58720	35.90	ug/l #	100
77) Bromobenzene	12.61	156	45469	19.31	ug/l	98
78) n-propylbenzene	12.67	91	259951	19.65	ug/l	99
79) 2-Chlorotoluene	12.76	91	145324	19.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	175076	19.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16241	18.84	ug/l	96
82) 4-Chlorotoluene	12.86	91	150192	19.19	ug/l	99
83) tert-Butylbenzene	13.08	119	146090	19.43	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	173404	19.34	ug/l	100
85) sec-Butylbenzene	13.25	105	217432	19.66	ug/l	100
86) p-Isopropyltoluene	13.37	119	189410	19.71	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	87778	19.22	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87201	18.89	ug/l	98
89) n-Butylbenzene	13.70	91	194332	19.79	ug/l	99
90) Hexachloroethane	13.96	117	34097	18.83	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	79884	18.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7485	19.55	ug/l	91

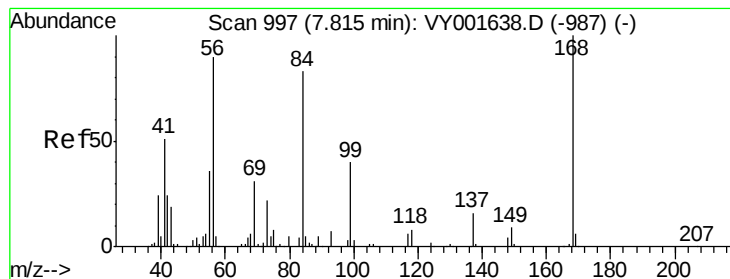
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY022420\
Data File : VY001767.D
Acq On : 24 Feb 2020 12:55
Operator : SY/MD
Sample : VY0224SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
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Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	51661	18.50	ug/l	98
94) Hexachlorobutadiene	15.11	225	26309	18.94	ug/l	96
95) Naphthalene	15.24	128	118760	18.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	46335	18.86	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

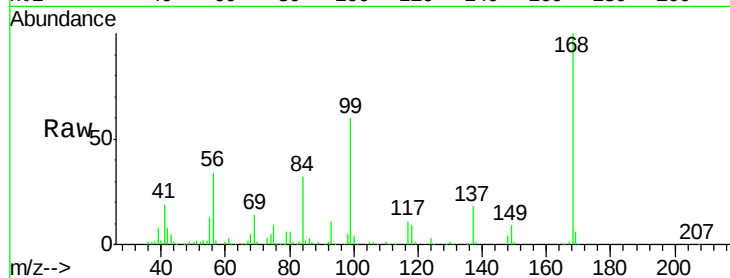
VY0224SBS01

Tgt Ion:168 Resp: 193946

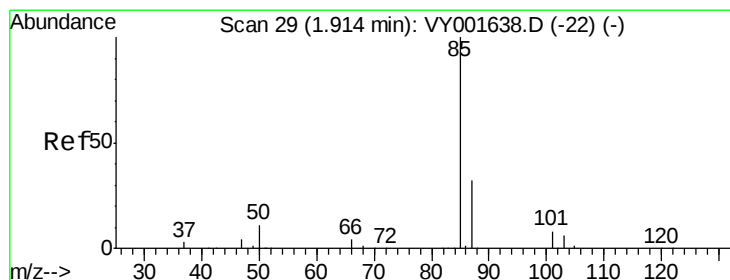
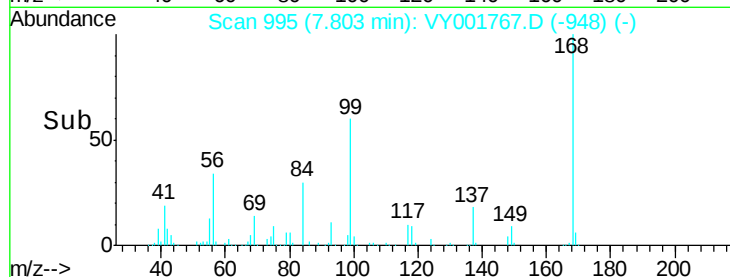
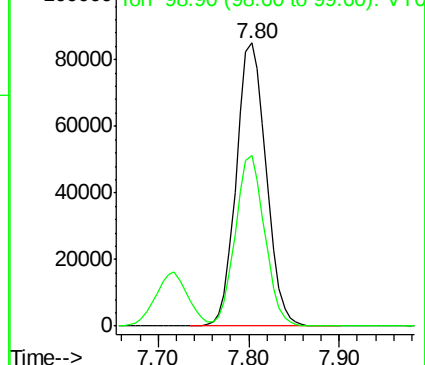
Ion Ratio Lower Upper

168 100

99 60.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 16.71 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001767.D

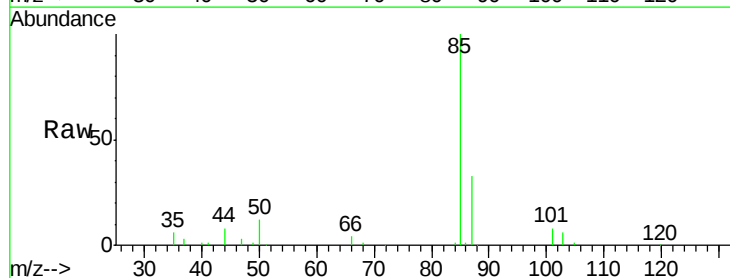
Acq: 24 Feb 2020 12:55

Tgt Ion: 85 Resp: 31600

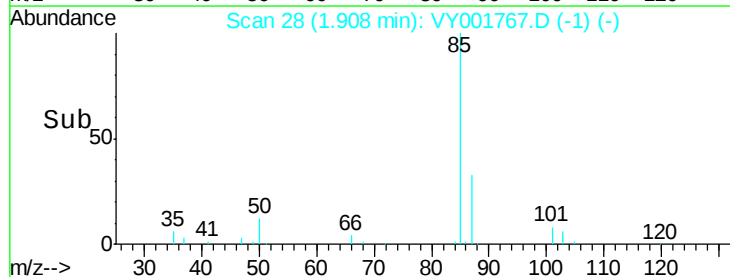
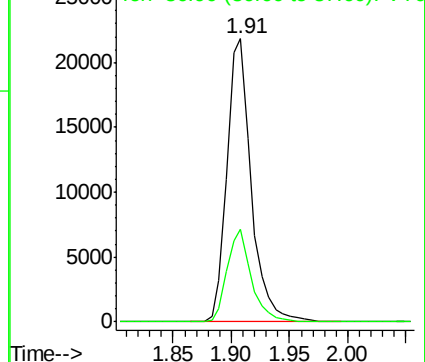
Ion Ratio Lower Upper

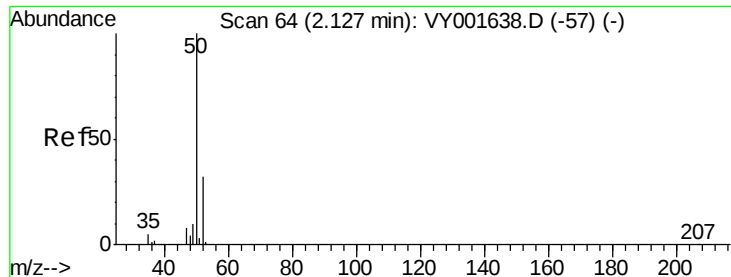
85 100

87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)





#3

Chloromethane

Concen: 18.38 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

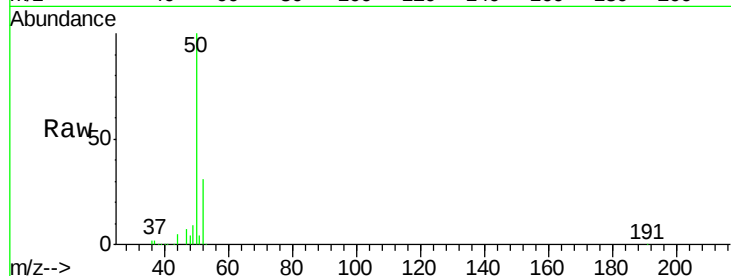
VY0224SBS01

Tgt Ion: 50 Resp: 46738

Ion Ratio Lower Upper

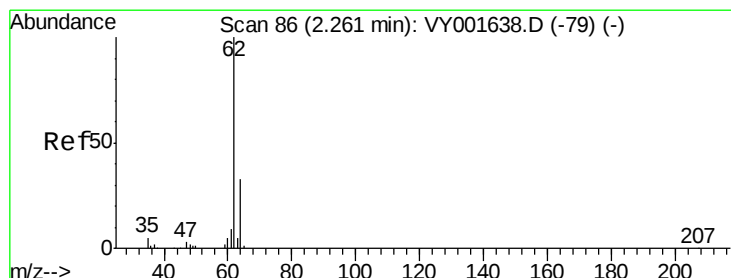
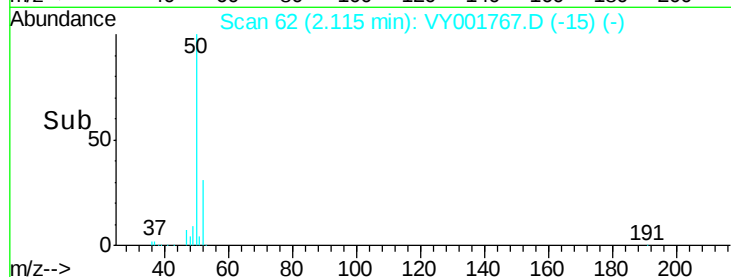
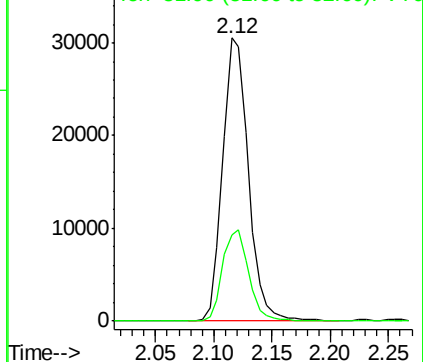
50 100

52 30.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.43 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001767.D

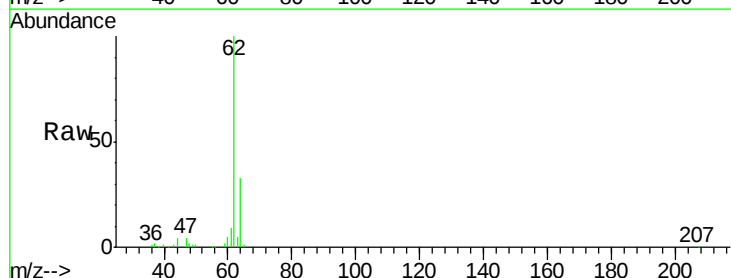
Acq: 24 Feb 2020 12:55

Tgt Ion: 62 Resp: 44698

Ion Ratio Lower Upper

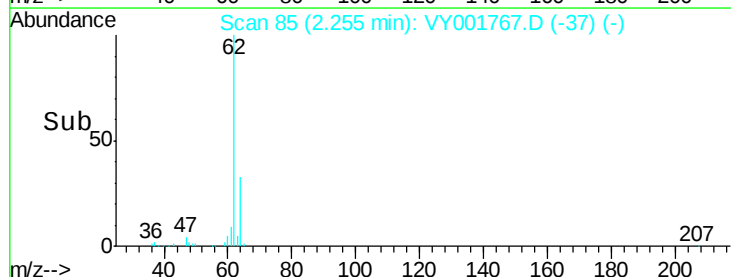
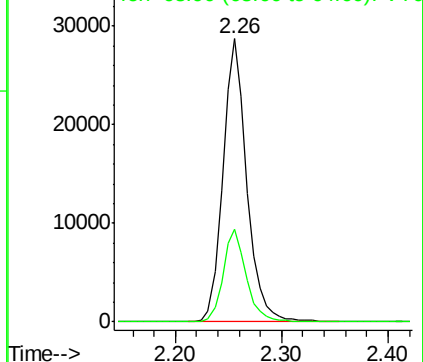
62 100

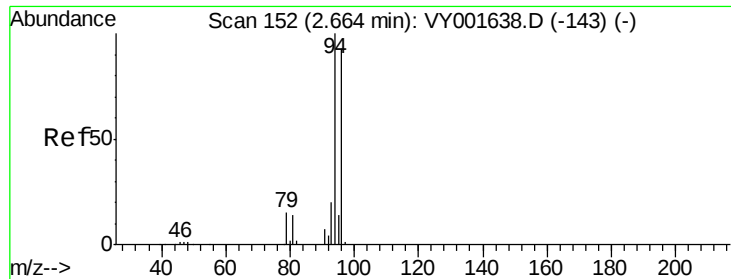
64 32.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.26 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

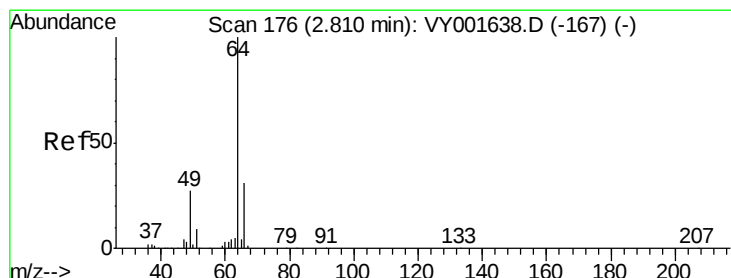
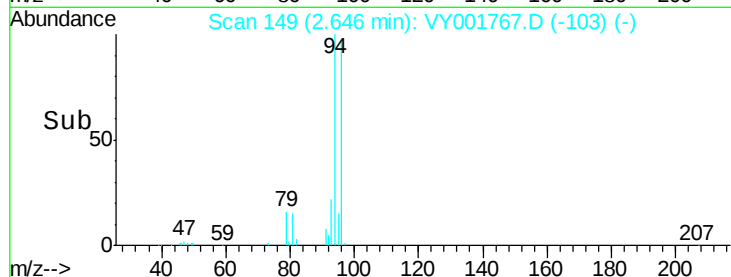
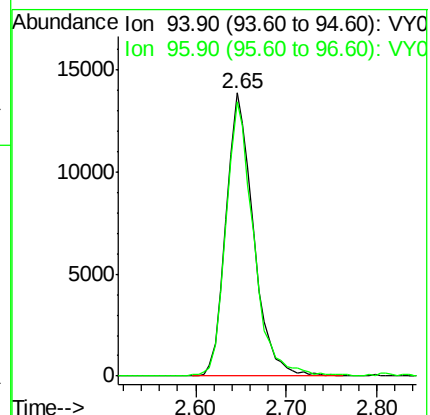
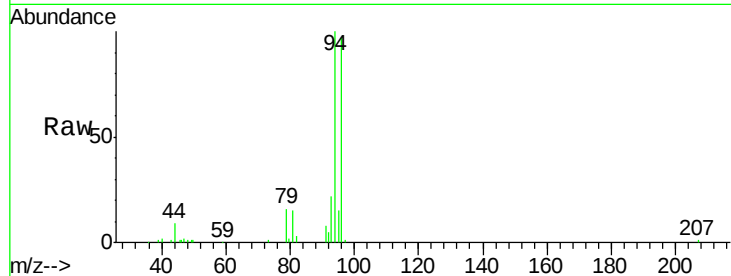
VY0224SBS01

Tgt Ion: 94 Resp: 29264

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



#6

Chloroethane

Concen: 18.05 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001767.D

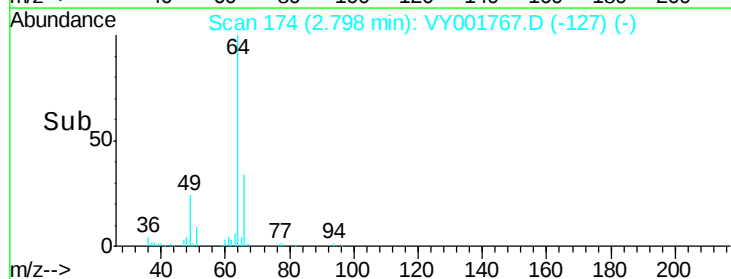
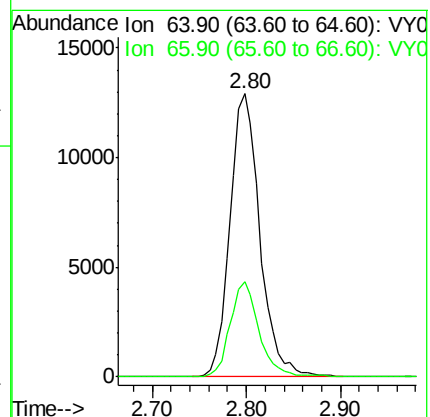
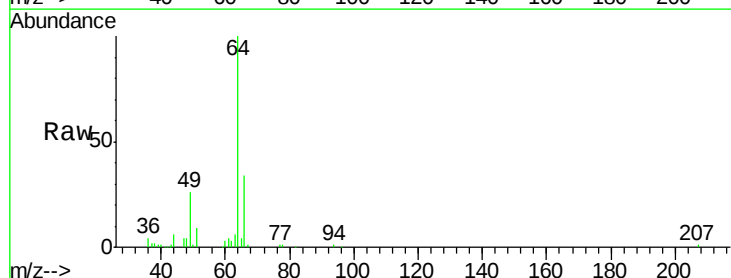
Acq: 24 Feb 2020 12:55

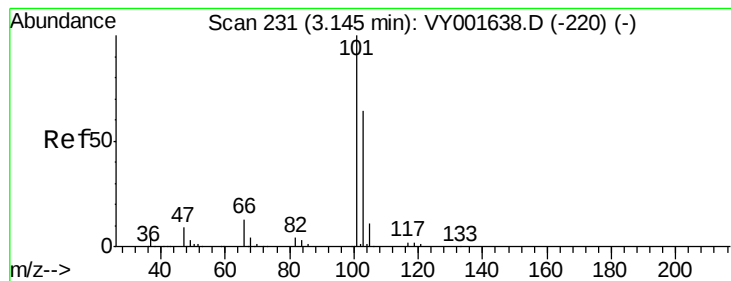
Tgt Ion: 64 Resp: 28527

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3





#7

Trichlorofluoromethane

Concen: 18.92 ug/l

RT: 3.13 min Scan# 229

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

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ClientSampleId :

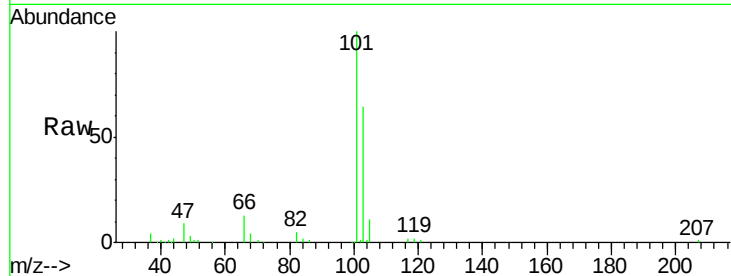
VY0224SBS01

Tgt Ion:101 Resp: 62099

Ion Ratio Lower Upper

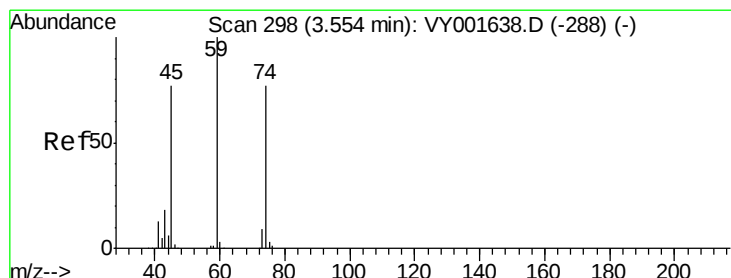
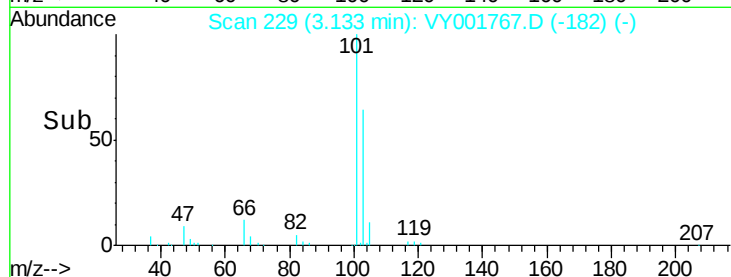
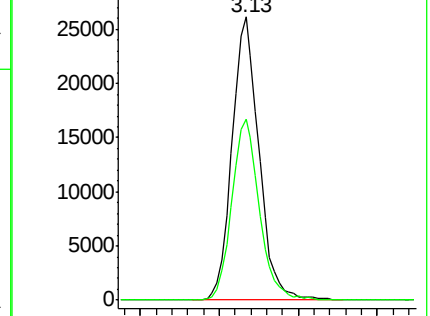
101 100

103 64.2 52.2 78.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.85 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.01 min

Lab File: VY001767.D

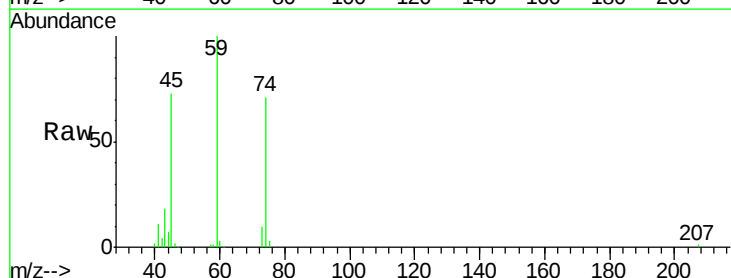
Acq: 24 Feb 2020 12:55

Tgt Ion: 74 Resp: 25690

Ion Ratio Lower Upper

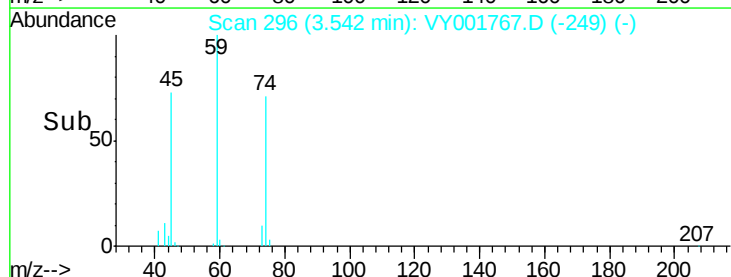
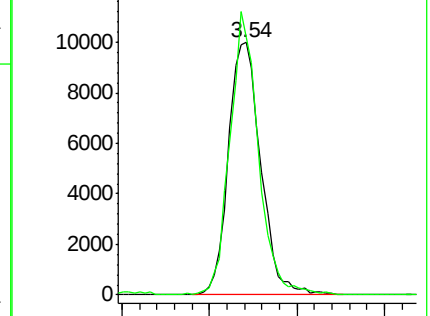
74 100

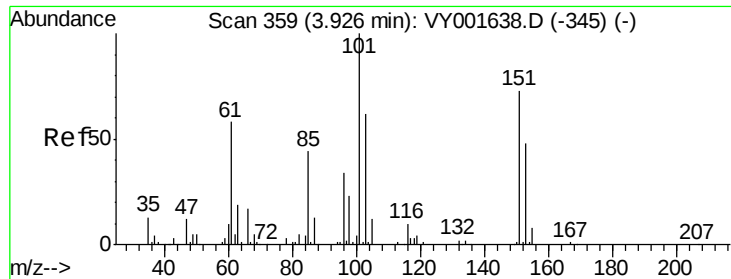
45 99.6 49.6 148.8



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: 19.97 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

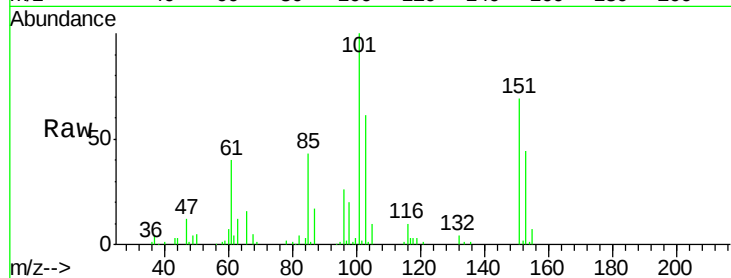
Tgt Ion:101 Resp: 41209

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

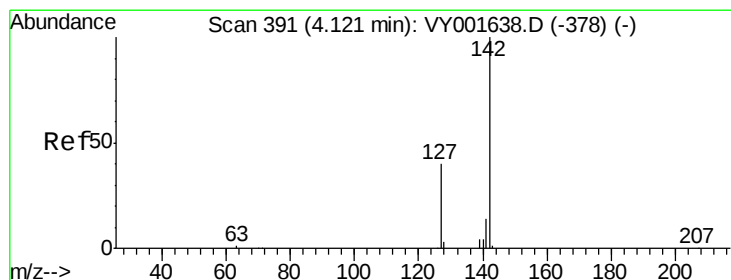
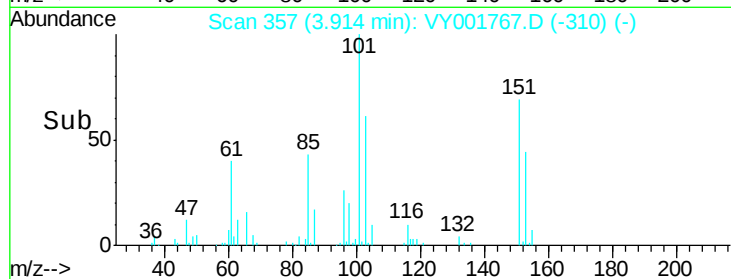
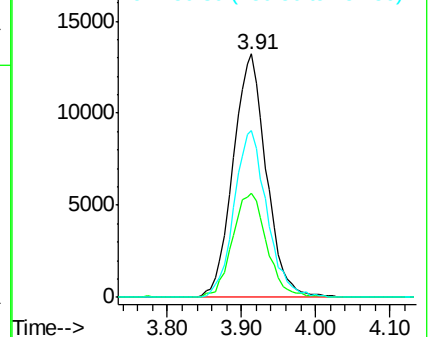
151 68.1 58.4 87.6



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: 16.99 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

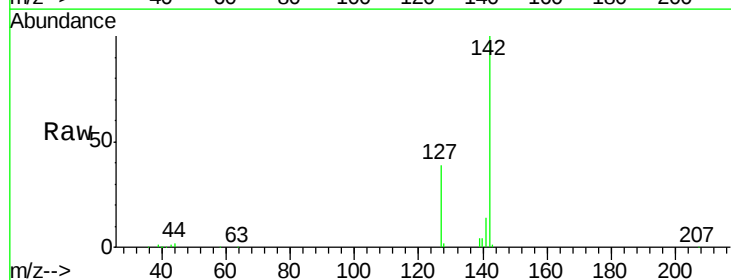
Tgt Ion:142 Resp: 42893

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

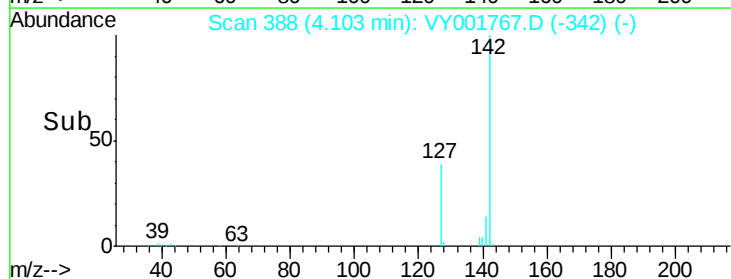
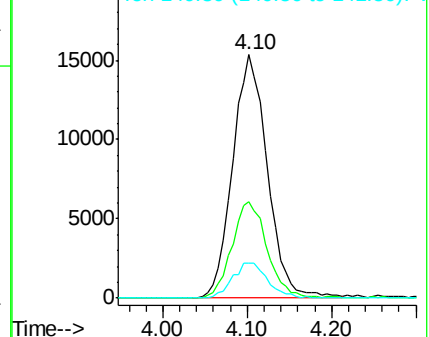
141 14.8 11.3 16.9

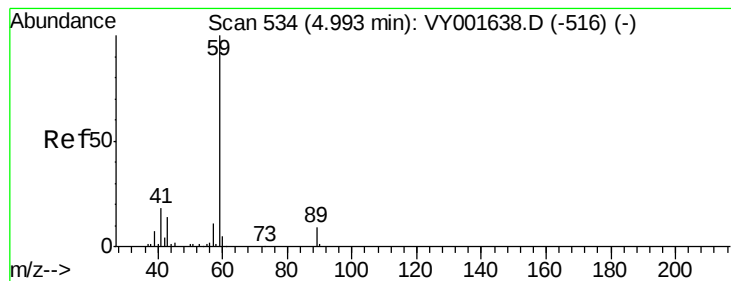


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 129.63 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.03 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

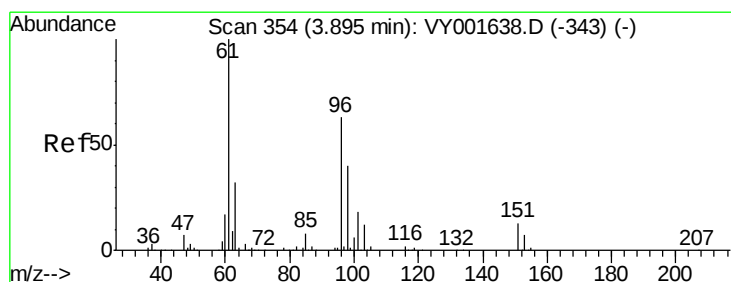
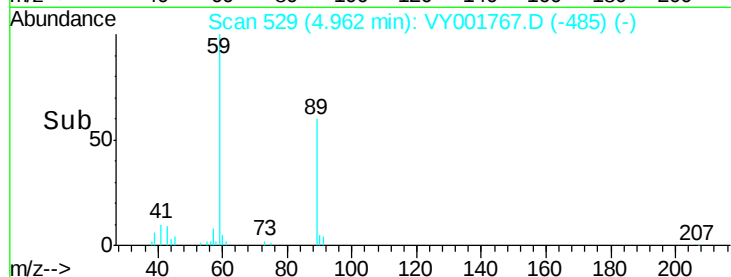
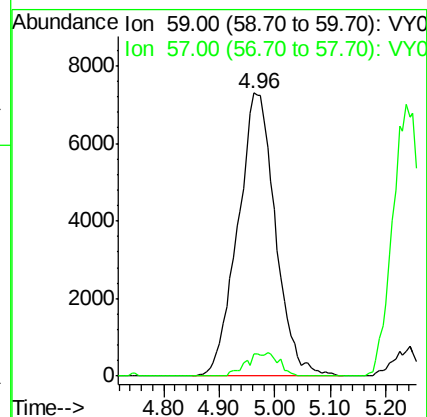
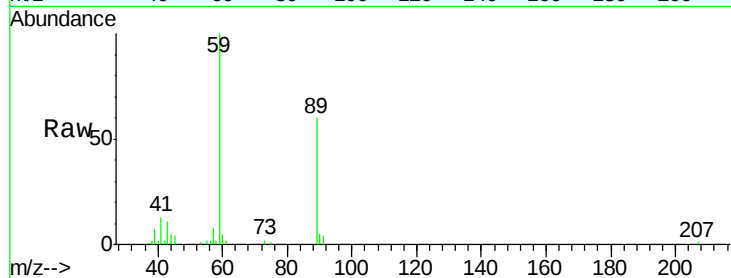
VY0224SBS01

Tgt Ion: 59 Resp: 34275

Ion Ratio Lower Upper

59 100

57 3.5 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 19.43 ug/l

RT: 3.88 min Scan# 352

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

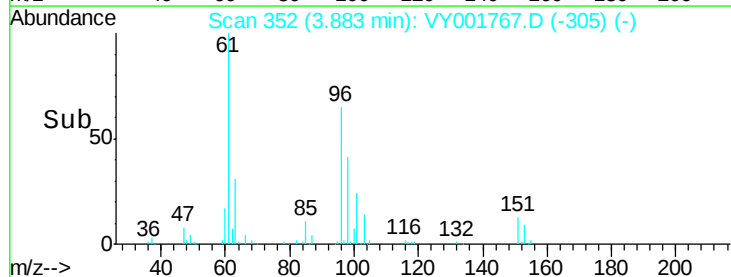
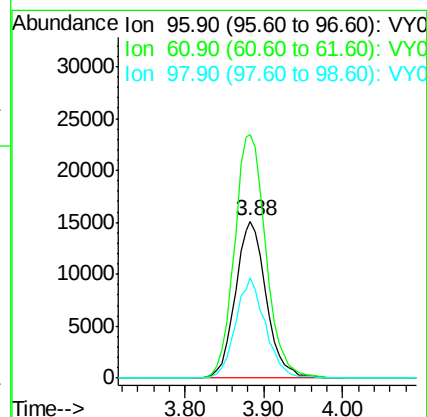
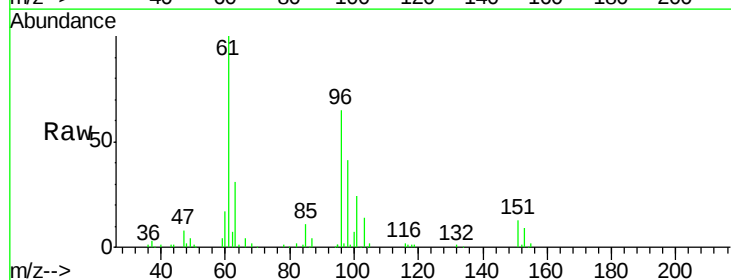
Tgt Ion: 96 Resp: 40890

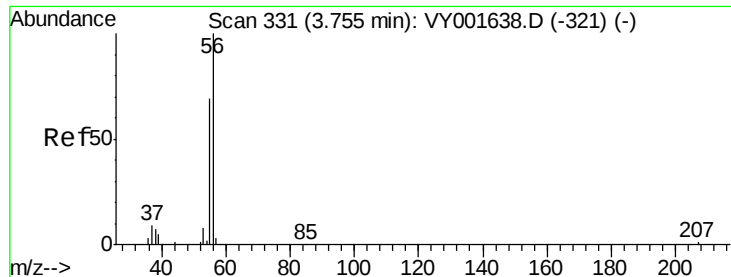
Ion Ratio Lower Upper

96 100

61 154.9 128.7 193.1

98 64.1 50.7 76.1





#13

Acrolein

Concen: 92.28 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

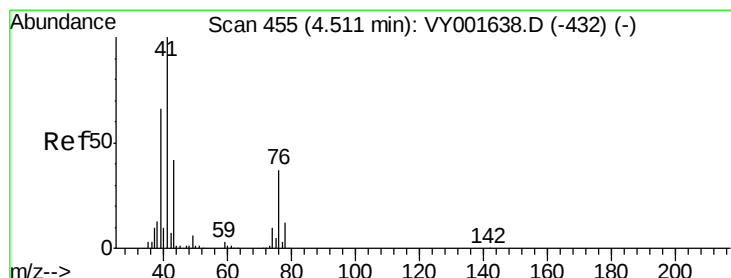
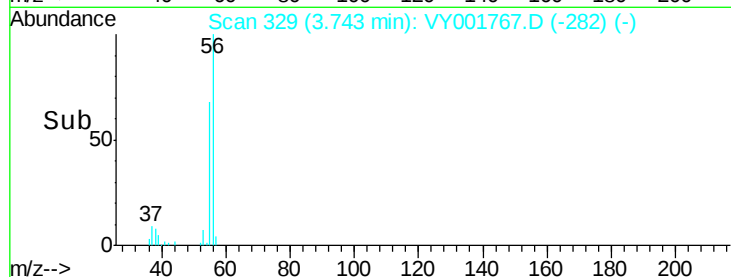
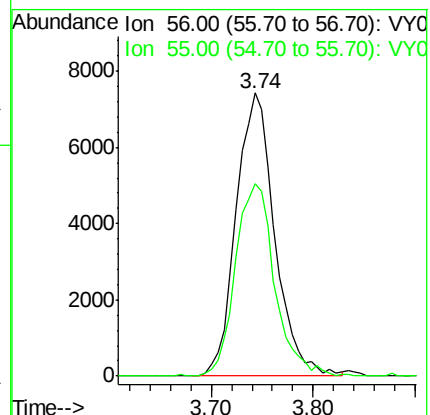
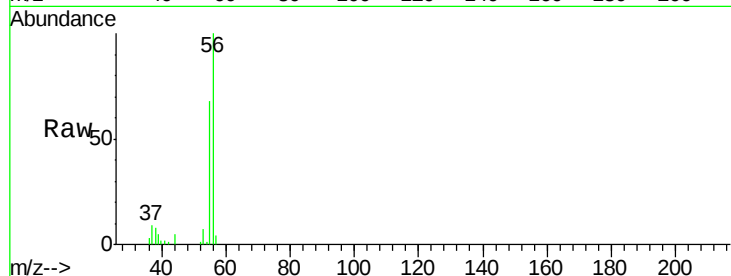
VY0224SBS01

Tgt Ion: 56 Resp: 19443

Ion Ratio Lower Upper

56 100

55 69.1 56.1 84.1



#14

Allyl chloride

Concen: 19.89 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

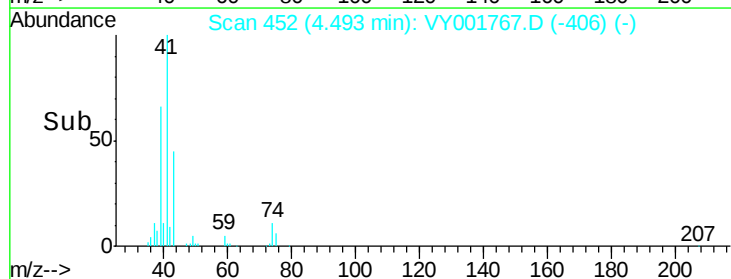
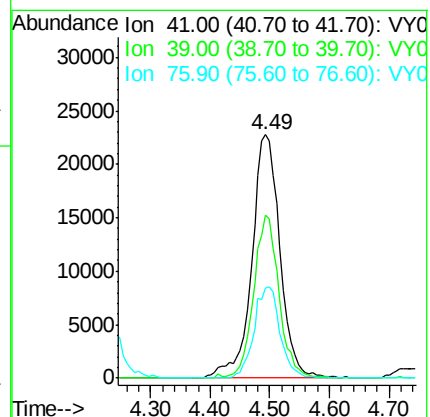
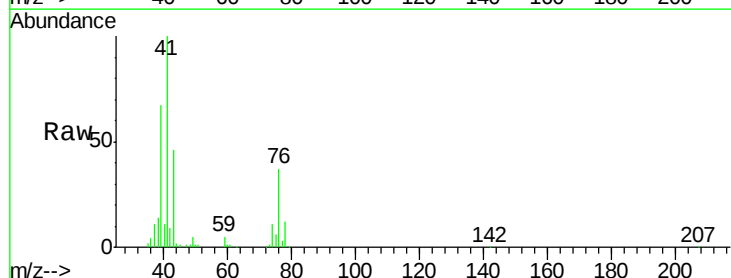
Tgt Ion: 41 Resp: 74506

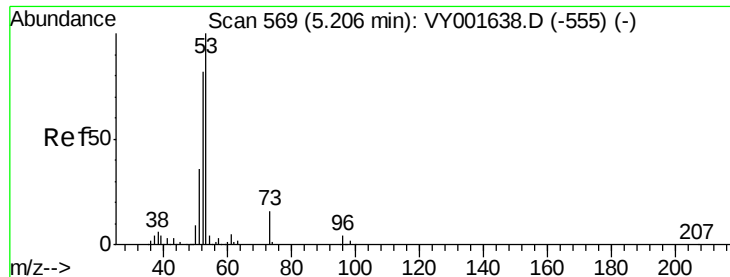
Ion Ratio Lower Upper

41 100

39 57.7 49.4 74.0

76 34.7 29.0 43.6





#15

Acrylonitrile

Concen: 101.76 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

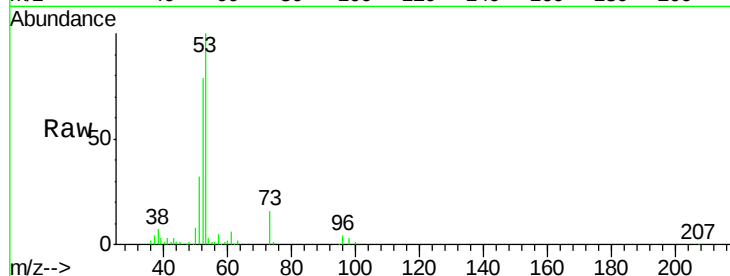
Tgt Ion: 53 Resp: 67497

Ion Ratio Lower Upper

53 100

52 81.0 65.4 98.0

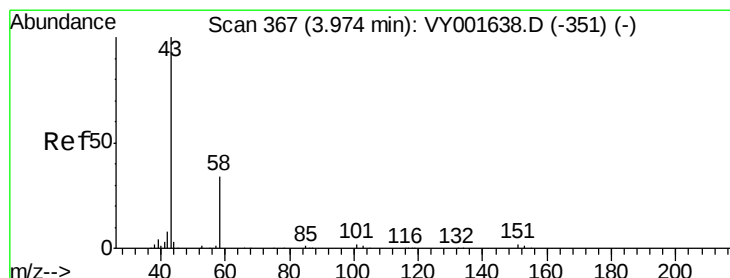
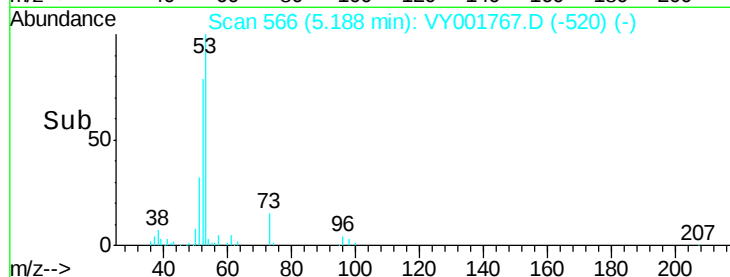
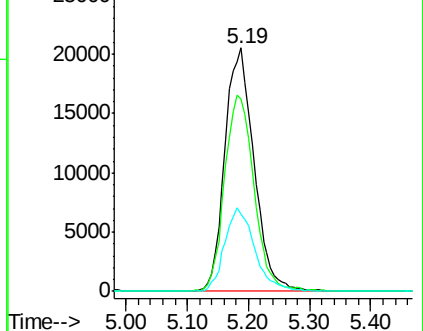
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 85.39 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001767.D

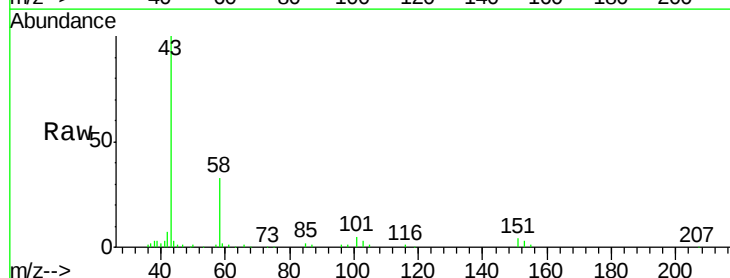
Acq: 24 Feb 2020 12:55

Tgt Ion: 43 Resp: 61638

Ion Ratio Lower Upper

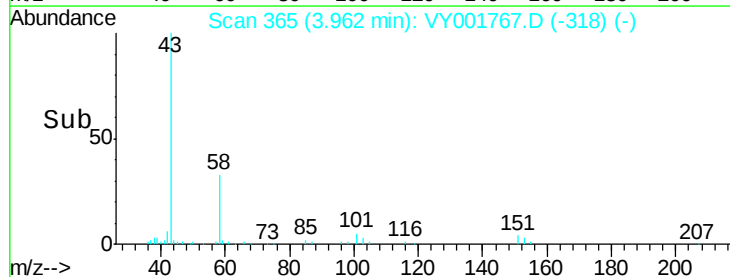
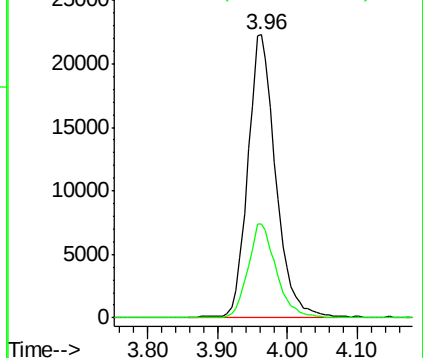
43 100

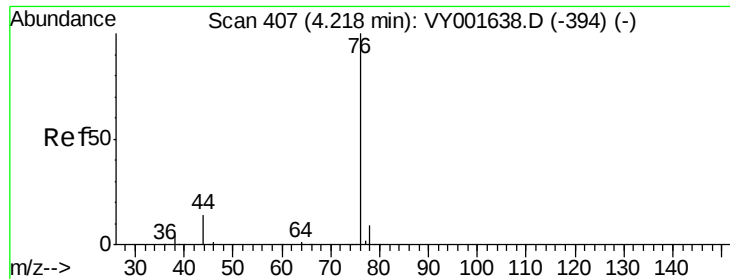
58 33.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

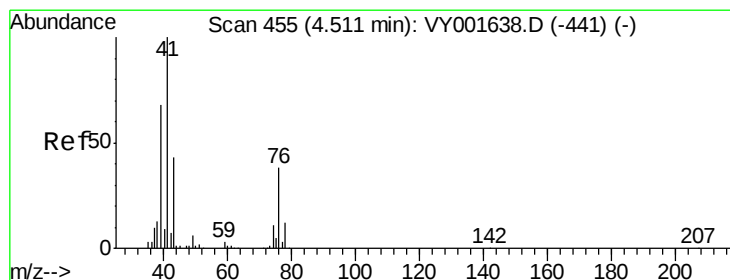
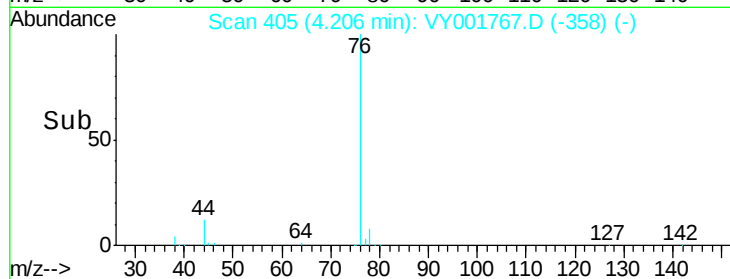
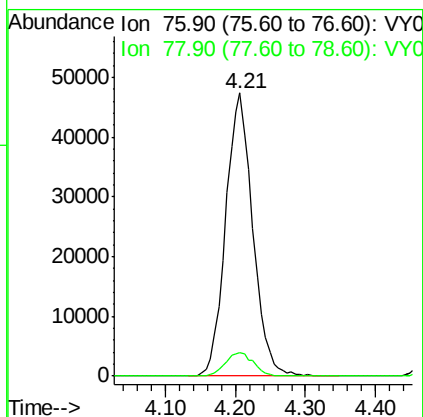
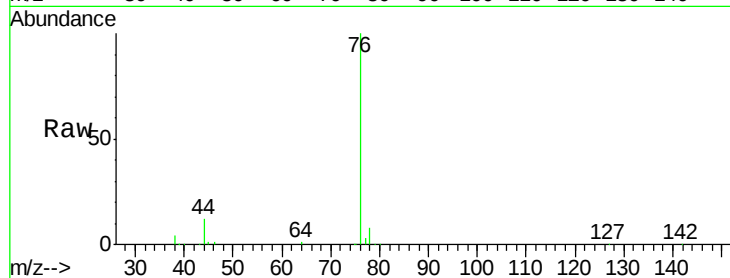




#17
Carbon Disulfide
Concen: 18.04 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

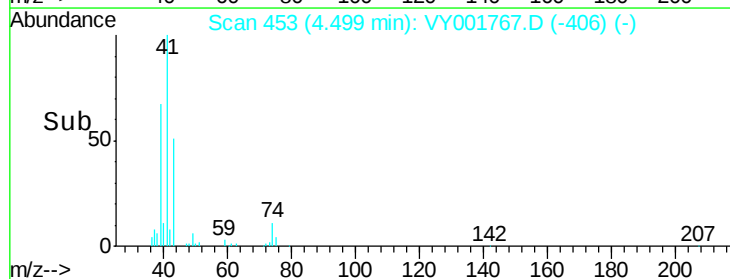
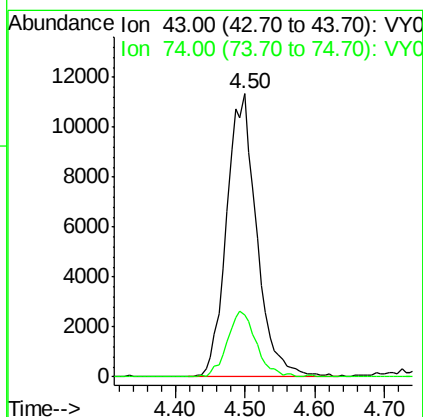
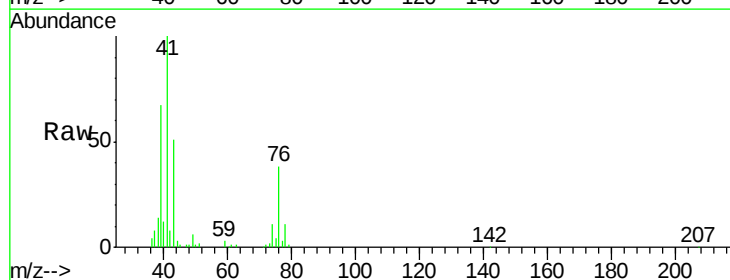
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

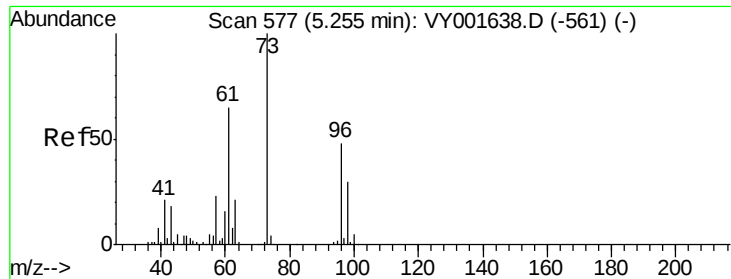
Tgt Ion: 76 Resp: 126747
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9



#18
Methyl Acetate
Concen: 21.58 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 43 Resp: 33928
Ion Ratio Lower Upper
43 100
74 22.1 19.1 28.7

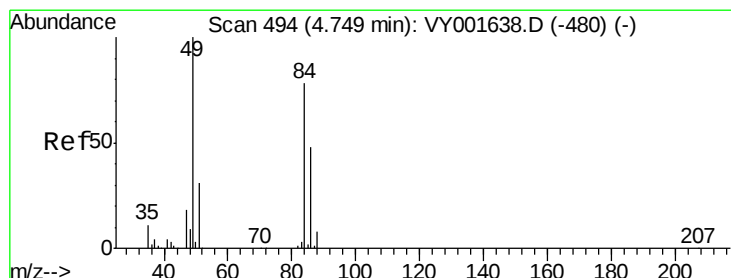
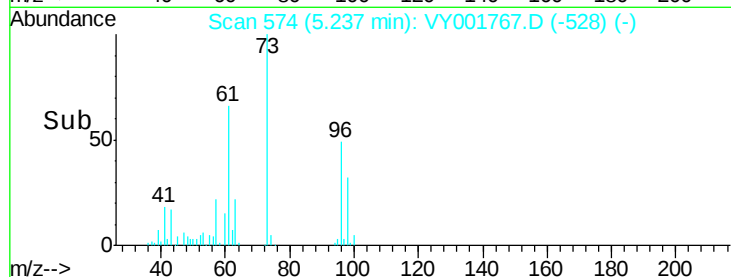
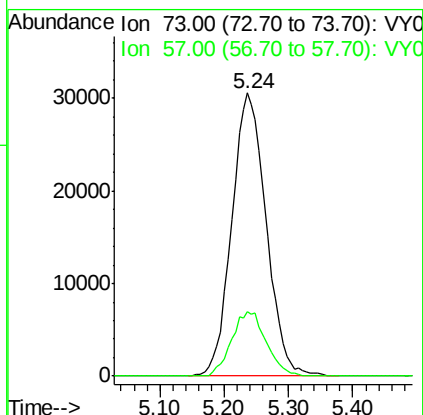
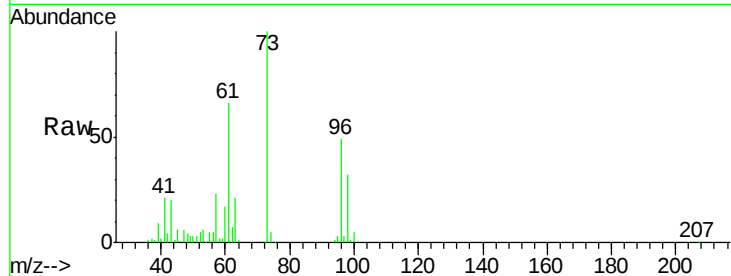




#19
Methyl tert-butyl Ether
Concen: 19.27 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

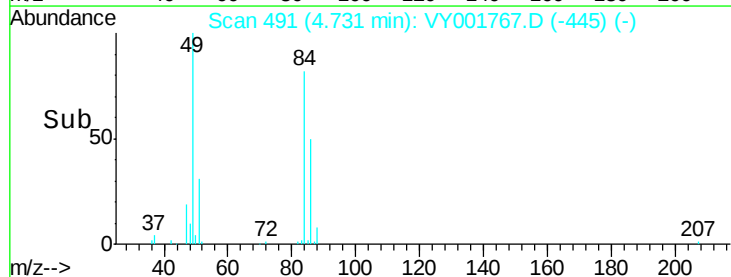
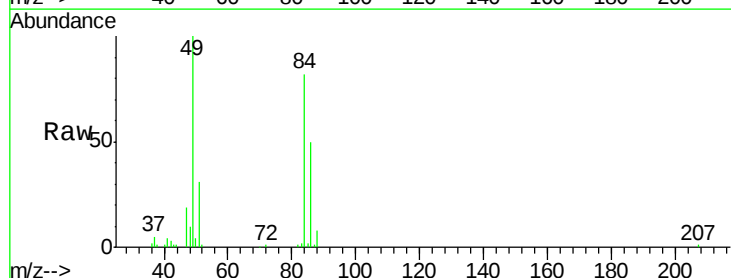
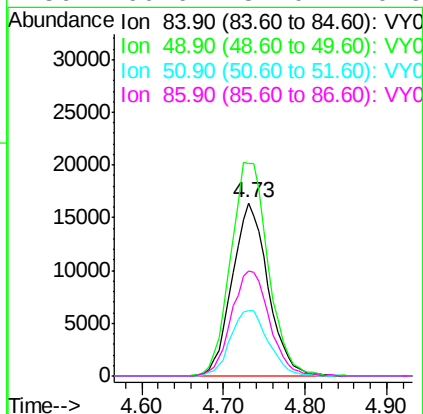
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

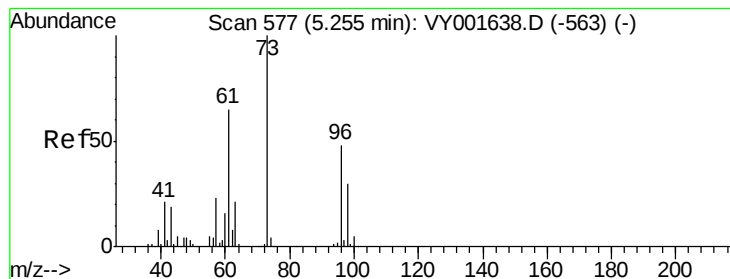
Tgt Ion: 73 Resp: 112917
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6



#20
Methylene Chloride
Concen: 19.51 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 84 Resp: 50018
Ion Ratio Lower Upper
84 100
49 122.2 99.2 148.8
51 37.5 31.5 47.3
86 60.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.97 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

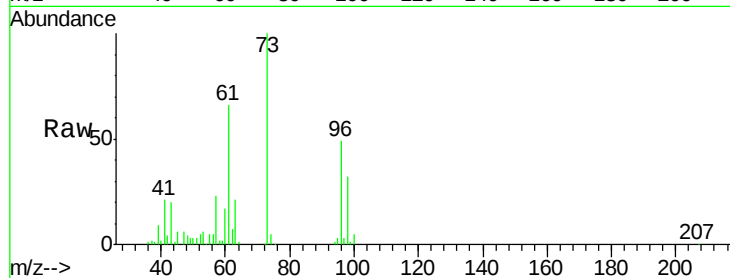
Tgt Ion: 96 Resp: 45551

Ion Ratio Lower Upper

96 100

61 134.7 107.9 161.9

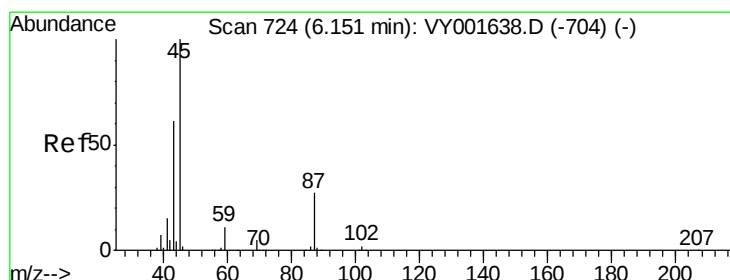
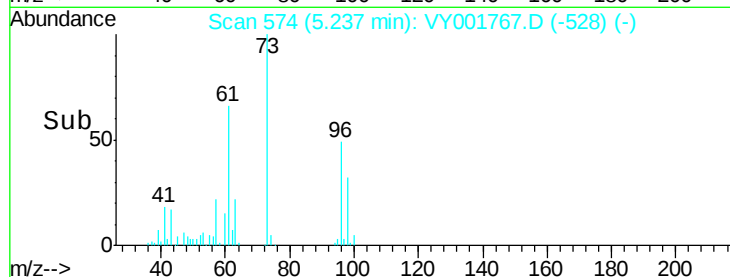
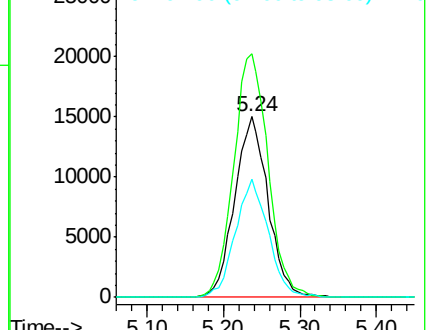
98 65.6 49.8 74.8



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



#22

Diisopropyl ether

Concen: 19.71 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion: 45 Resp: 151567

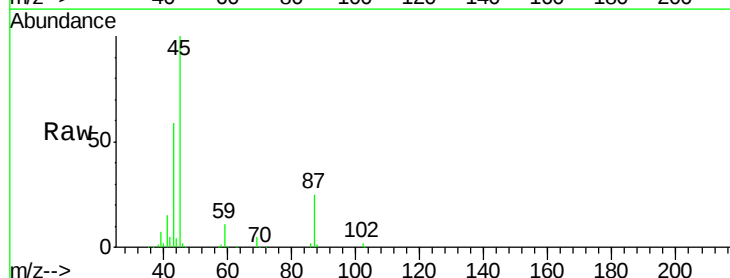
Ion Ratio Lower Upper

45 100

43 58.4 46.4 69.6

87 25.0 22.1 33.1

59 10.7 9.4 14.0

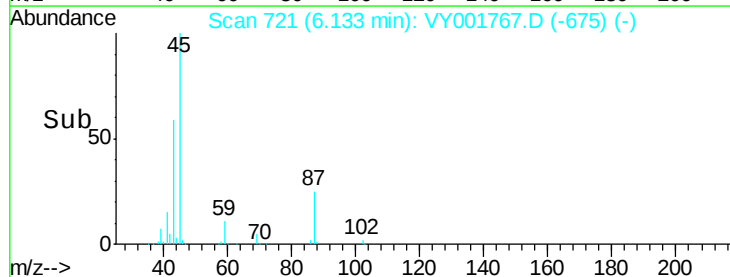
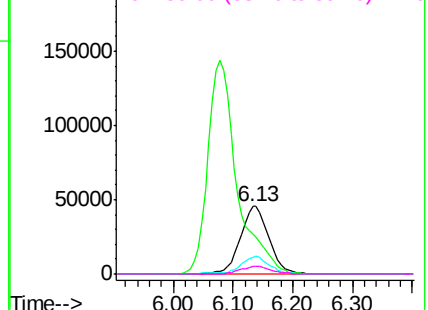


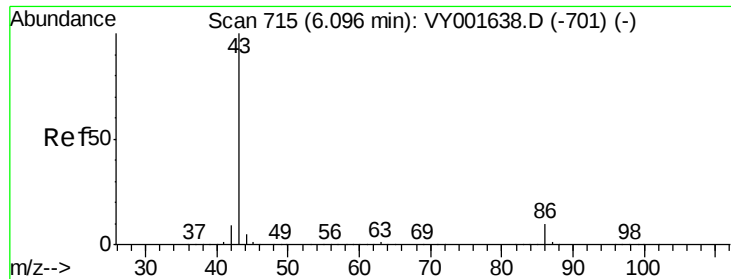
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

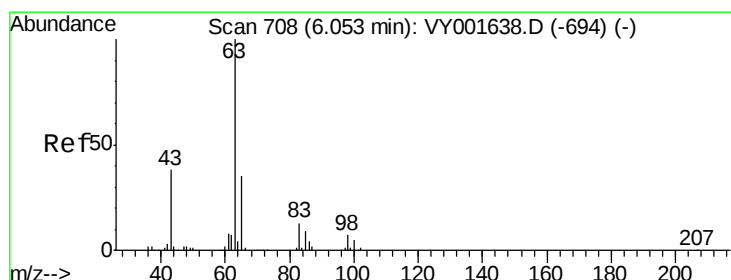
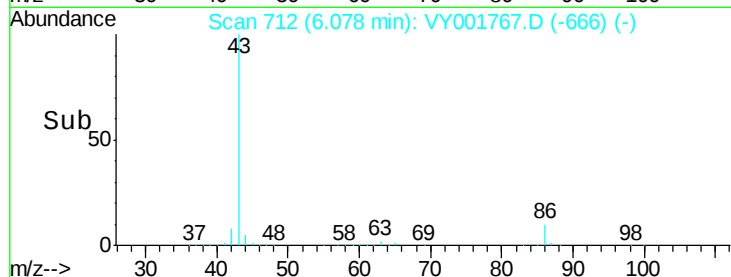
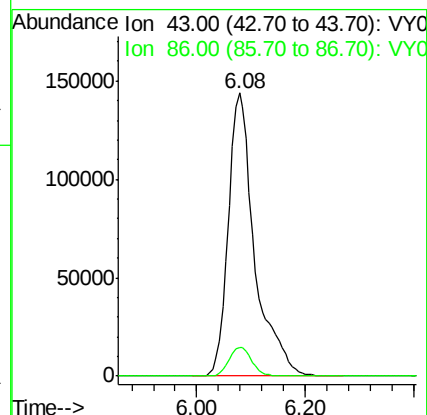
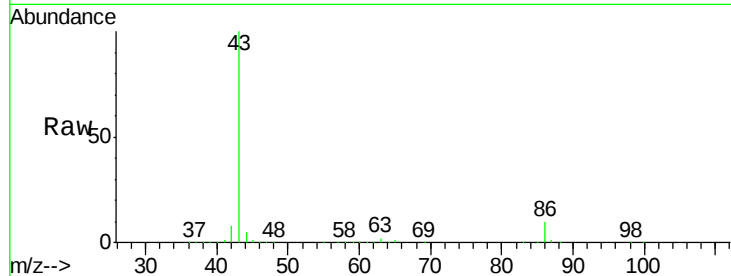




#23
 Vinyl Acetate
 Concen: 96.74 ug/l
 RT: 6.08 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

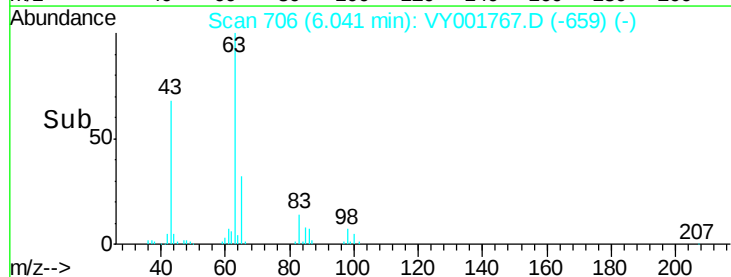
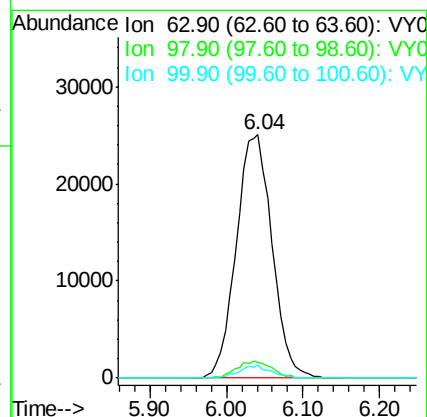
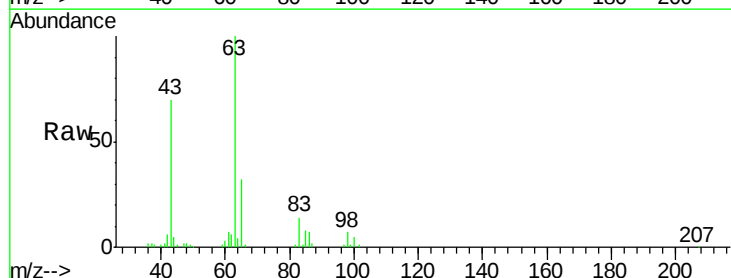
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

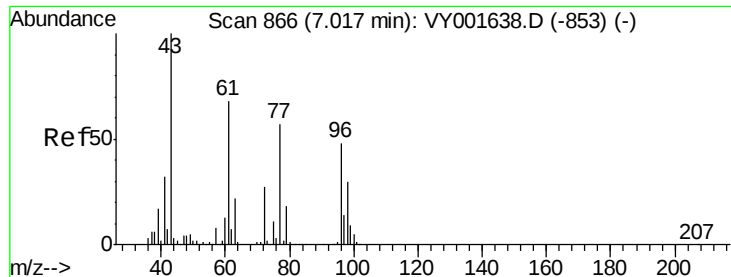
Tgt Ion: 43 Resp: 485311
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 19.76 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 63 Resp: 81224
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 5.3 2.3 6.9





#25

2-Butanone

Concen: 94.02 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

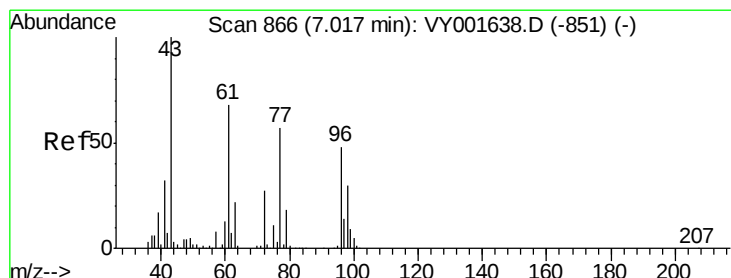
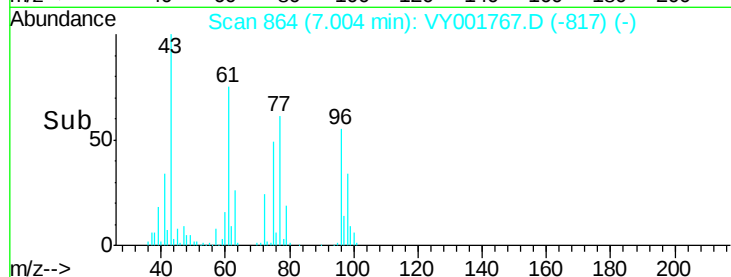
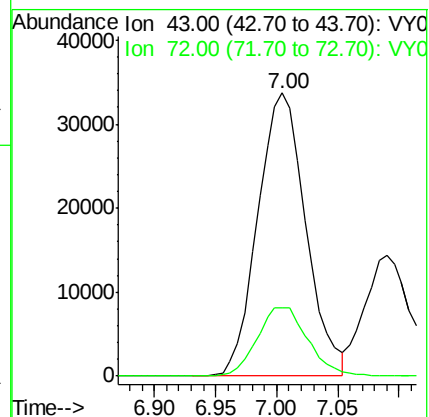
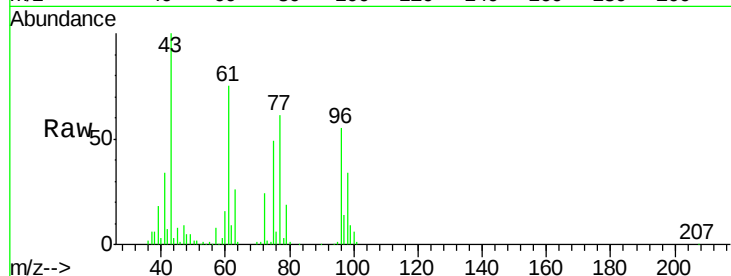
VY0224SBS01

Tgt Ion: 43 Resp: 92194

Ion Ratio Lower Upper

43 100

72 24.2 21.2 31.8



#26

2,2-Dichloropropane

Concen: 18.96 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY001767.D

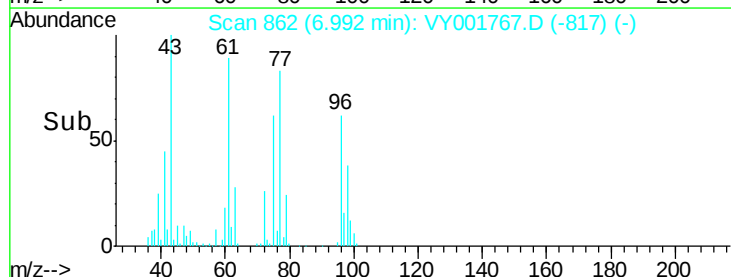
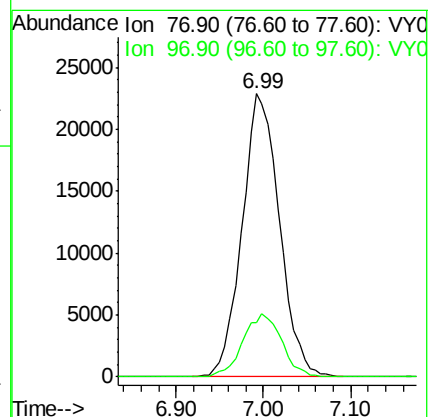
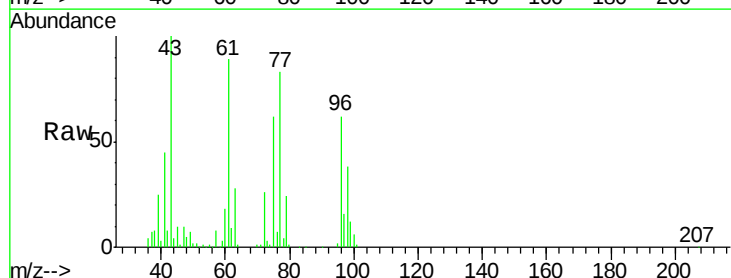
Acq: 24 Feb 2020 12:55

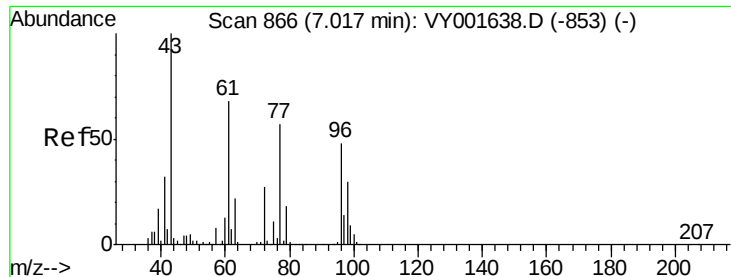
Tgt Ion: 77 Resp: 67825

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.36 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

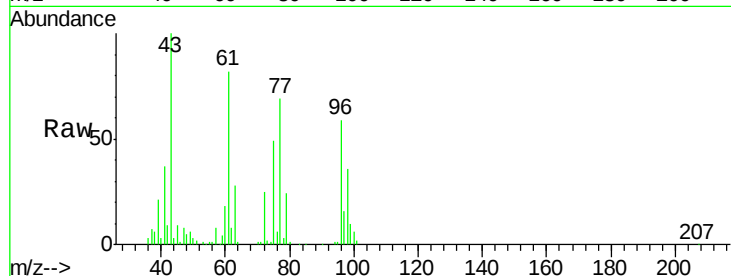
Tgt Ion: 96 Resp: 51295

Ion Ratio Lower Upper

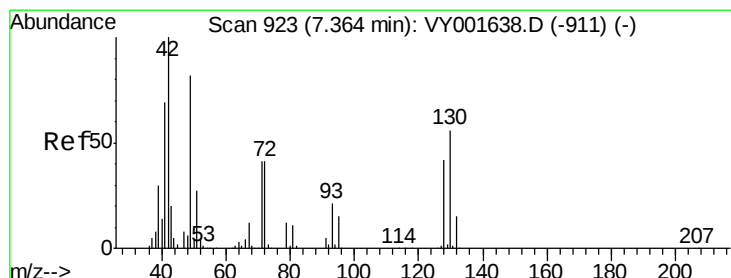
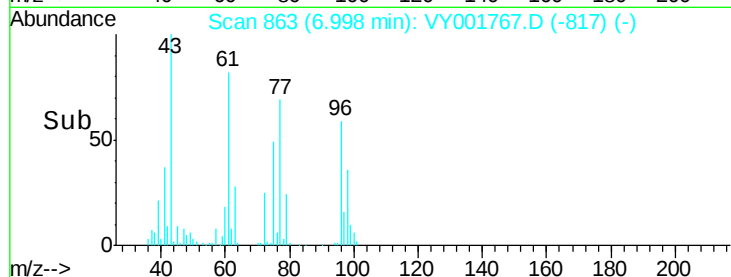
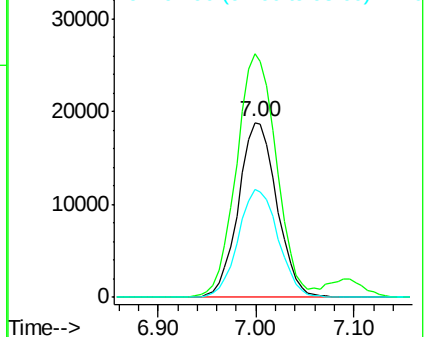
96 100

61 145.9 0.0 290.8

98 64.1 0.0 128.6



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



#28

Bromochloromethane

Concen: 18.71 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

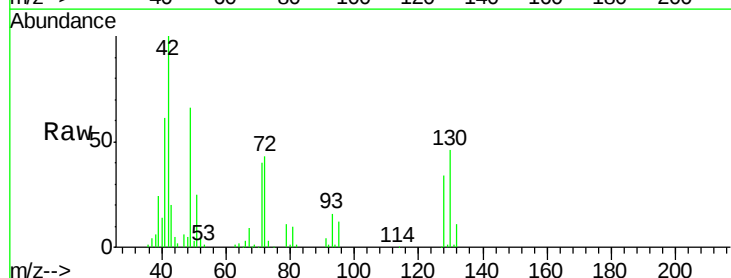
Tgt Ion: 49 Resp: 32037

Ion Ratio Lower Upper

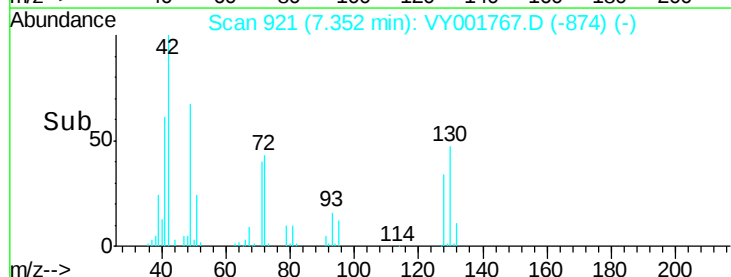
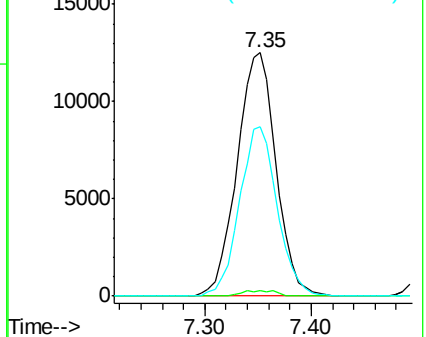
49 100

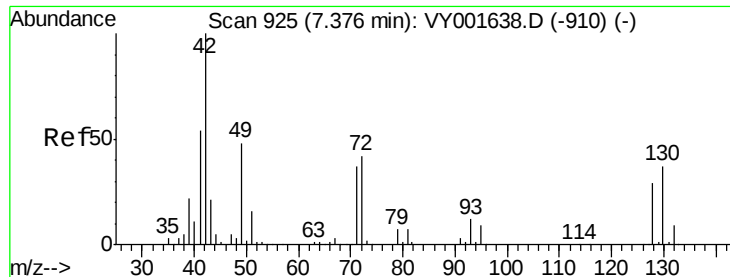
129 1.8 0.0 3.6

130 67.6 56.2 84.4



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





#29

Tetrahydrofuran

Concen: 99.12 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

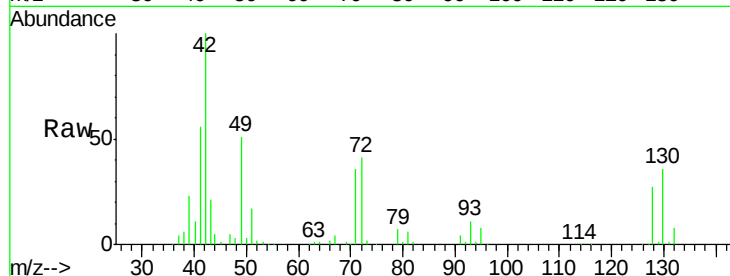
Tgt Ion: 42 Resp: 58747

Ion Ratio Lower Upper

42 100

72 41.1 34.4 51.6

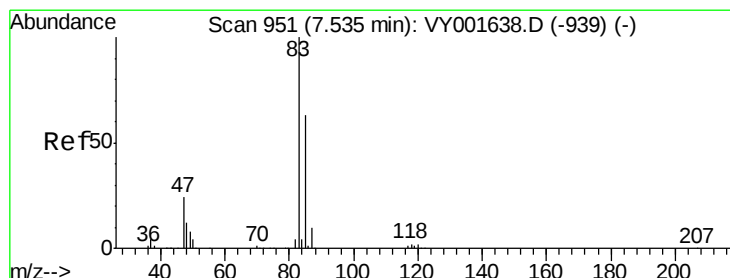
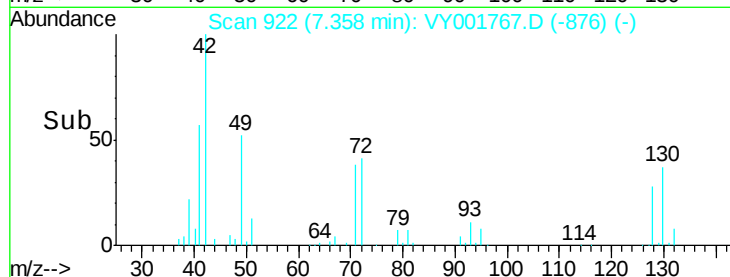
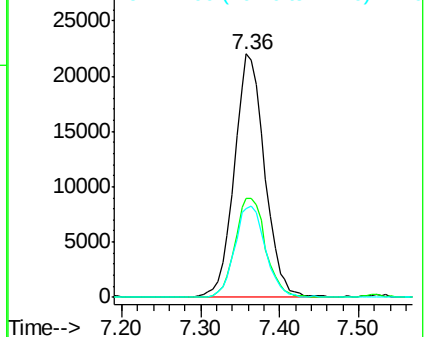
71 37.9 31.8 47.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 18.92 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY001767.D

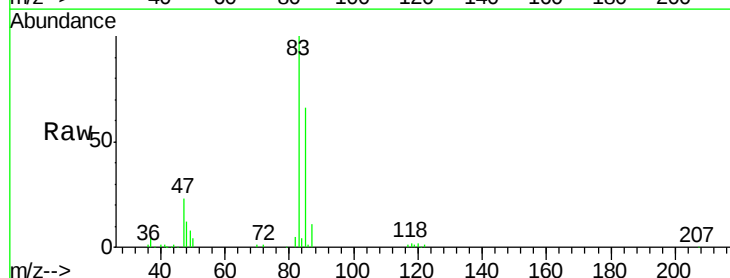
Acq: 24 Feb 2020 12:55

Tgt Ion: 83 Resp: 75975

Ion Ratio Lower Upper

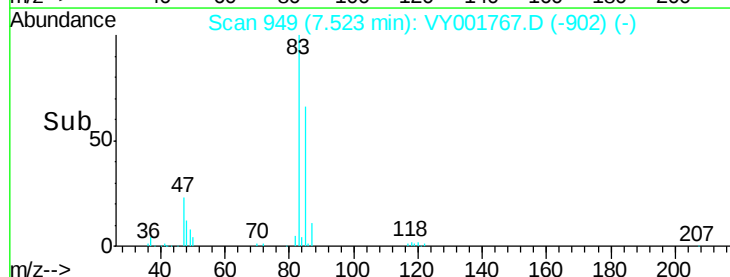
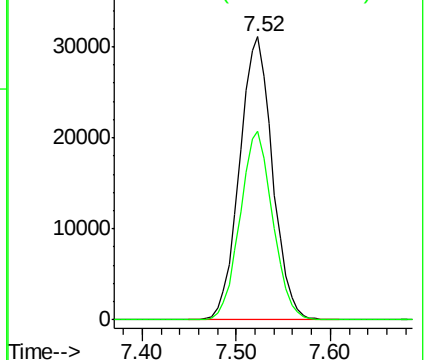
83 100

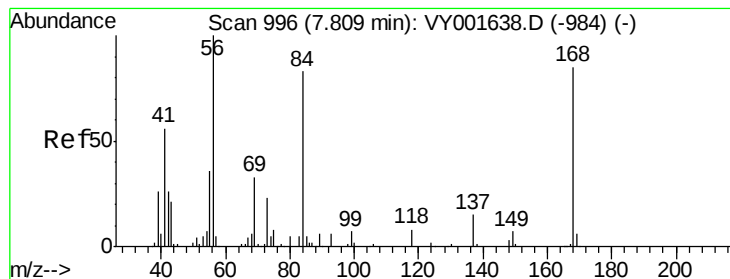
85 66.5 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.36 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBSD01

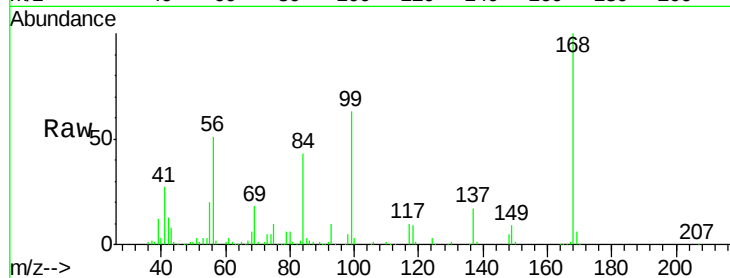
Tgt Ion: 56 Resp: 84830

Ion Ratio Lower Upper

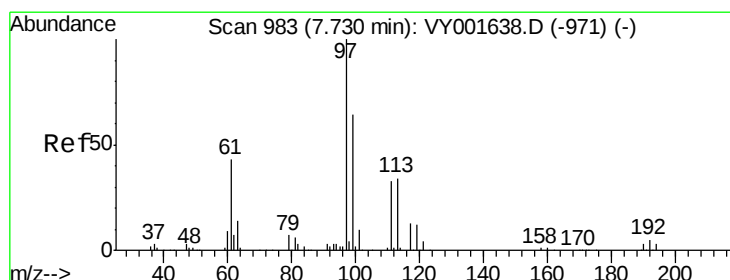
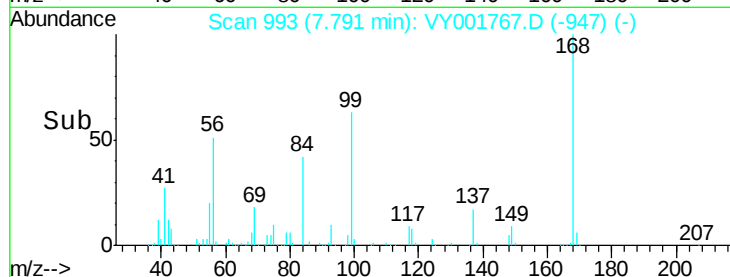
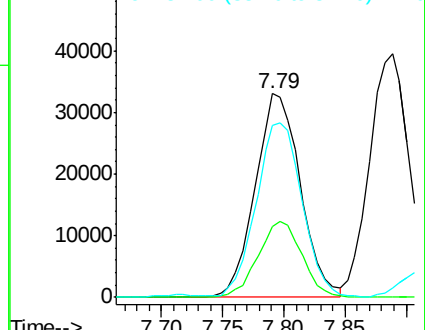
56 100

69 35.0 25.1 37.7

84 83.6 66.9 100.3



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: 18.94 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

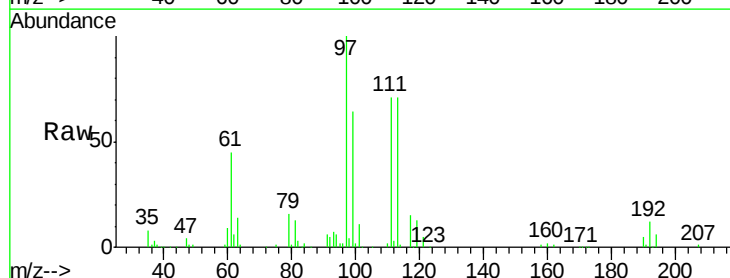
Tgt Ion: 97 Resp: 63950

Ion Ratio Lower Upper

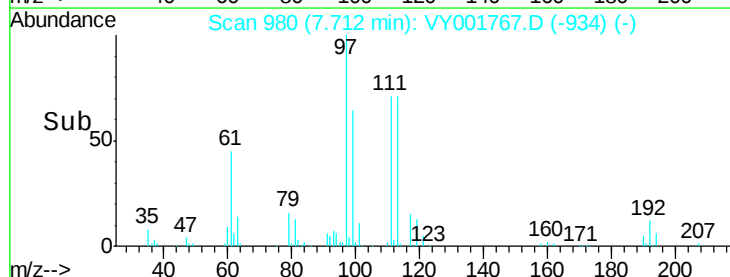
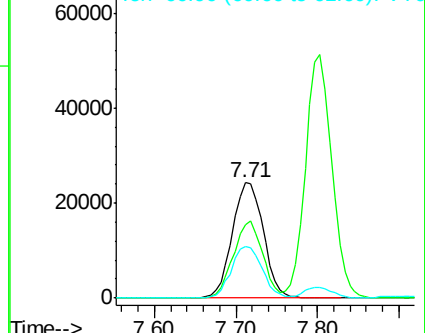
97 100

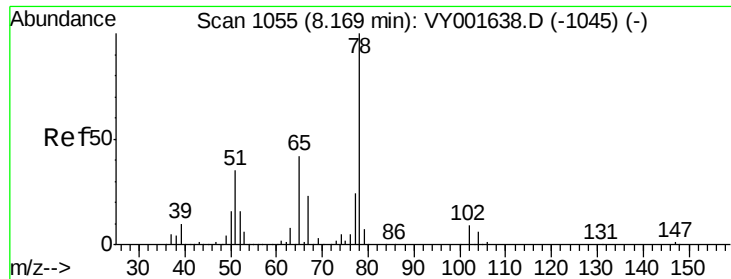
99 62.8 51.2 76.8

61 44.5 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

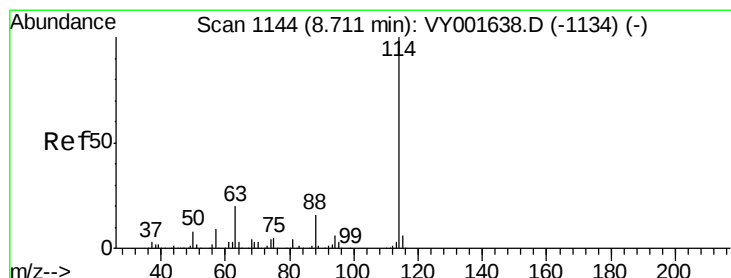
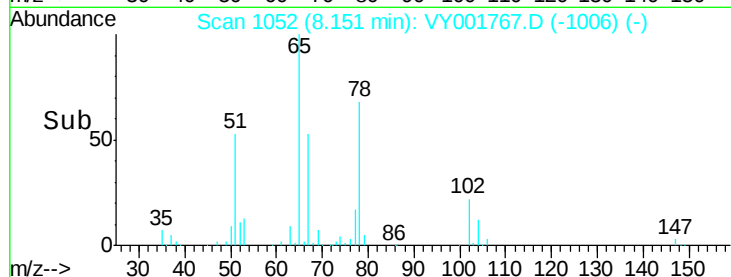
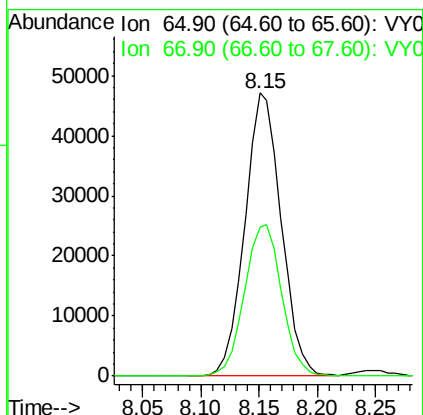
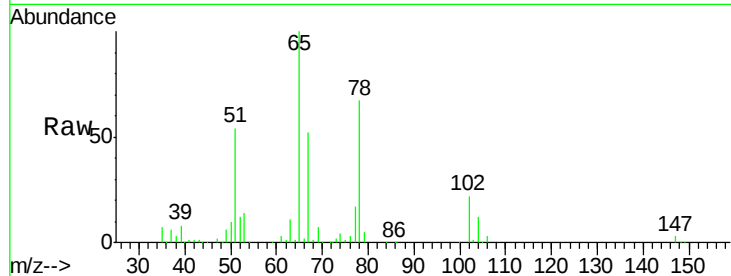




#33
 1,2-Dichloroethane-d4
 Concen: 49.32 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

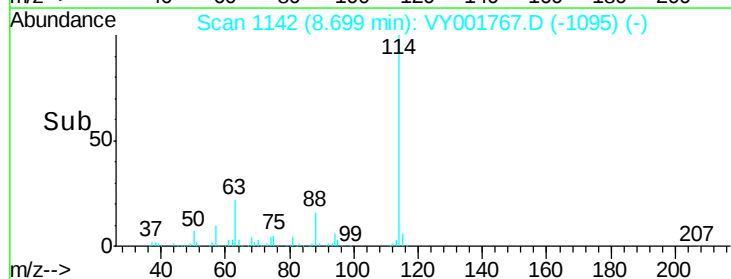
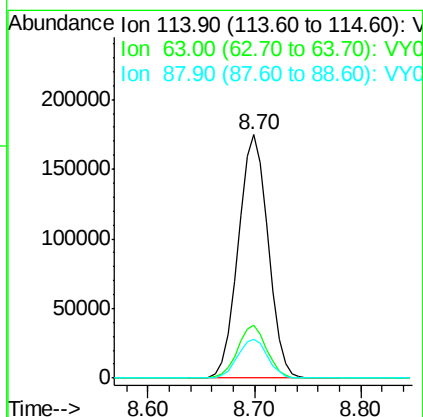
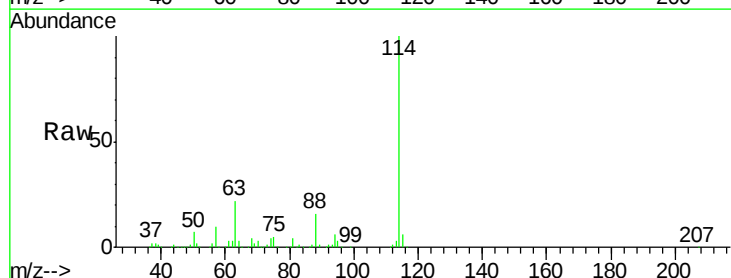
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBSD01

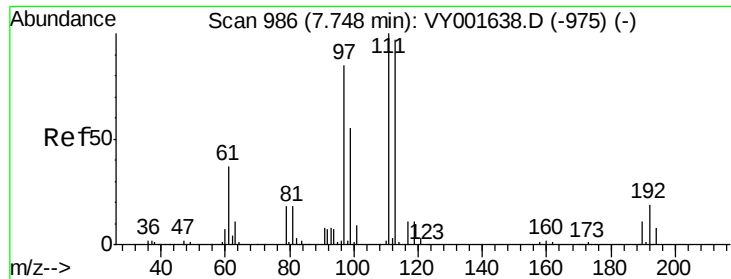
Tgt Ion: 65 Resp: 102884
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 114 Resp: 343894
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 16.1 0.0 32.8

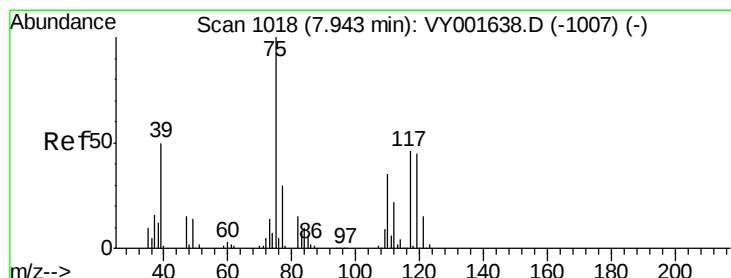
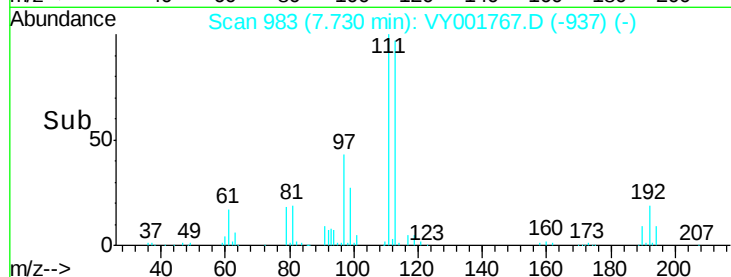
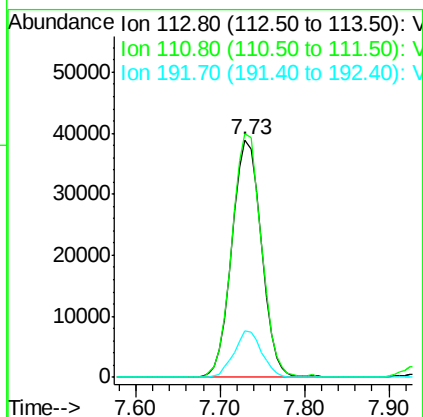
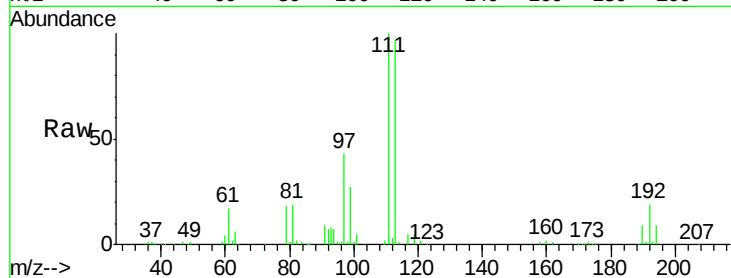




#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

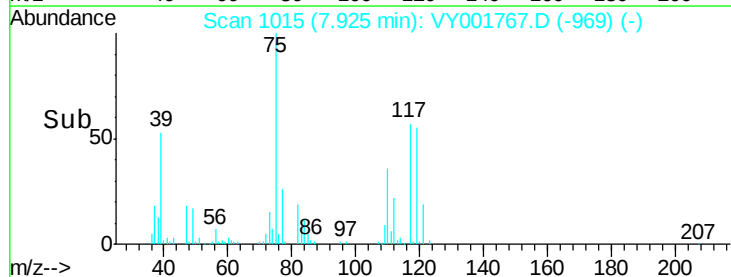
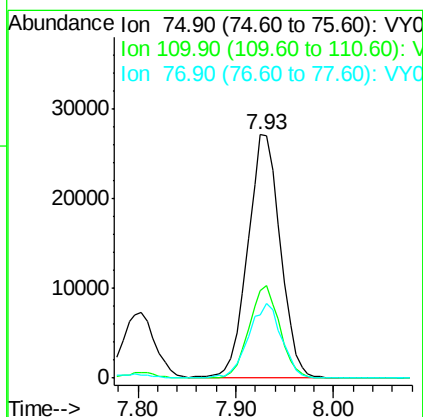
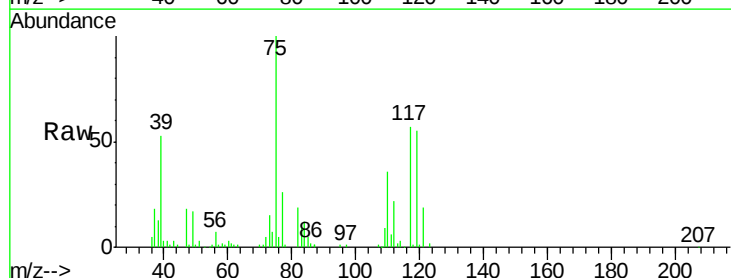
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

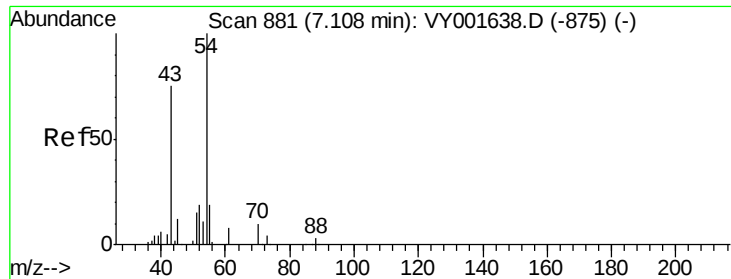
Tgt Ion: 113 Resp: 92128
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 18.4 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 19.12 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 75 Resp: 62792
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.2 51.6
 77 30.9 24.8 37.2

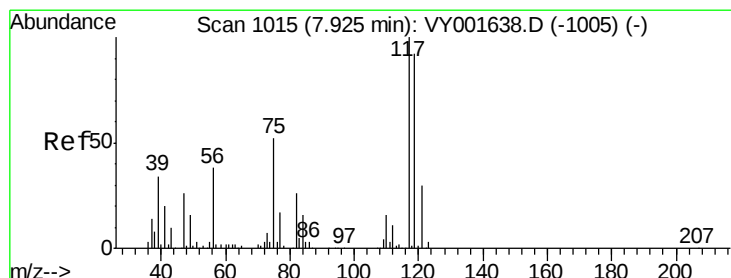
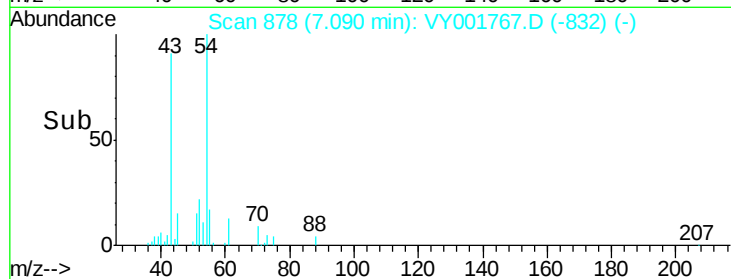
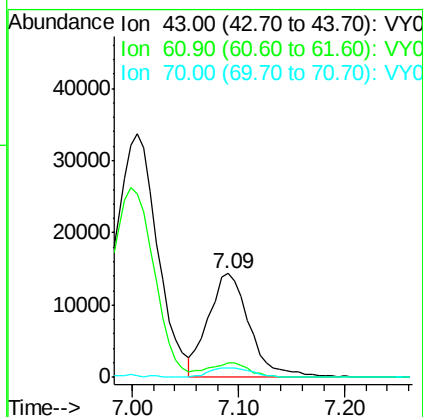
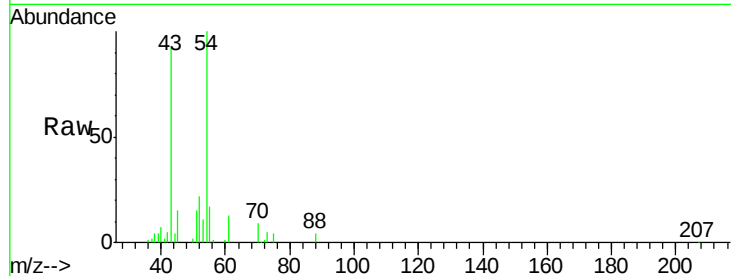




#37
 Ethyl Acetate
 Concen: 19.44 ug/l
 RT: 7.09 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

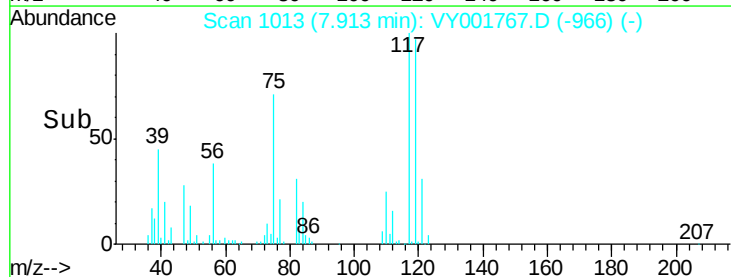
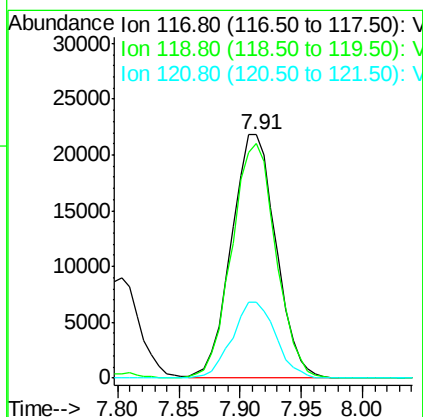
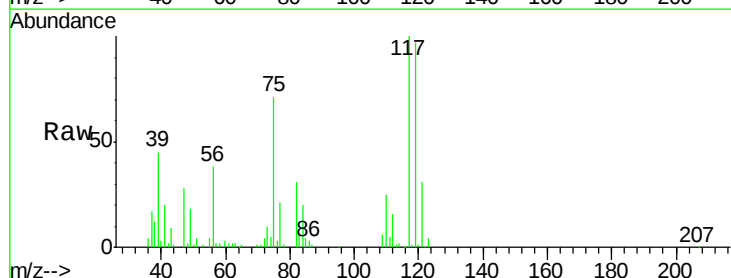
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

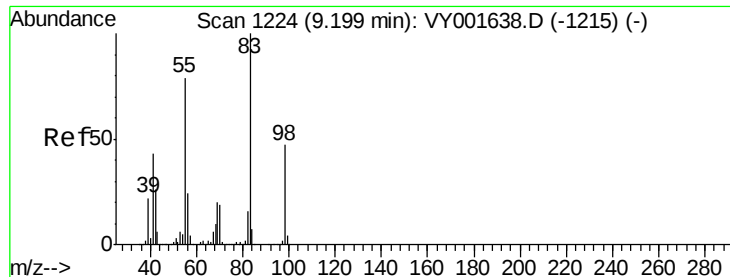
Tgt Ion: 43 Resp: 38109
 Ion Ratio Lower Upper
 43 100
 61 12.6 11.0 16.6
 70 10.1 8.8 13.2



#38
 Carbon Tetrachloride
 Concen: 19.16 ug/l
 RT: 7.91 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 117 Resp: 55273
 Ion Ratio Lower Upper
 117 100
 119 96.6 74.8 112.2
 121 31.2 23.8 35.6

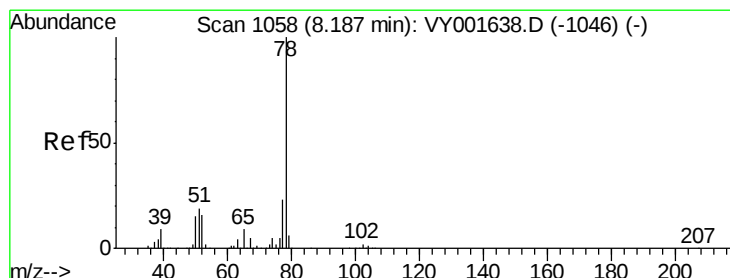
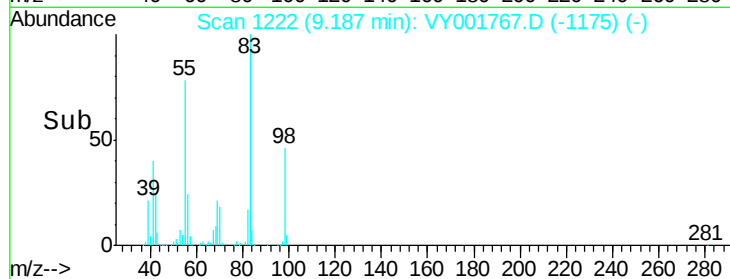
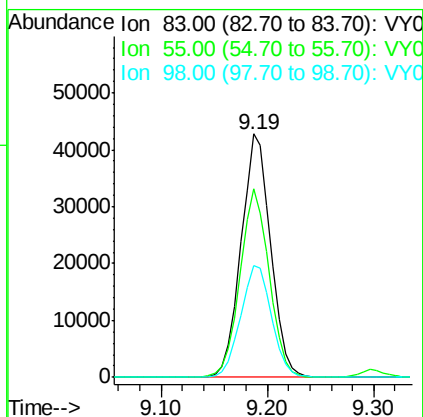
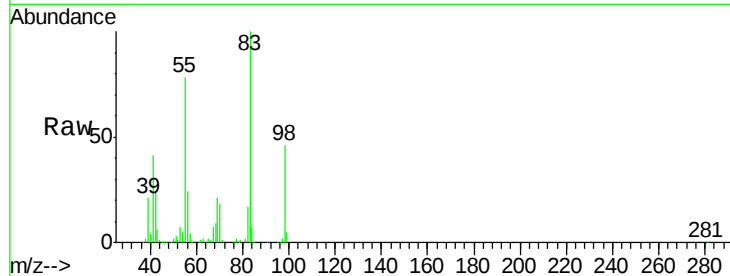




#39
Methylcyclohexane
Concen: 19.19 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

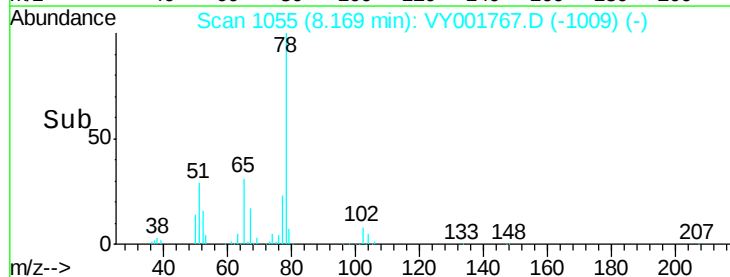
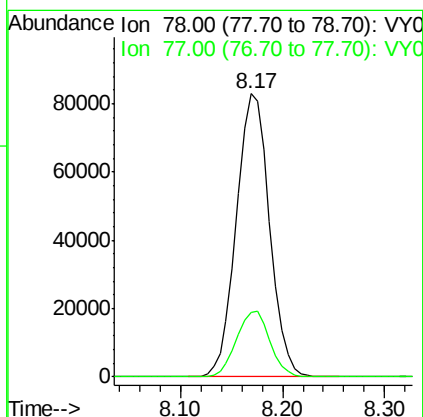
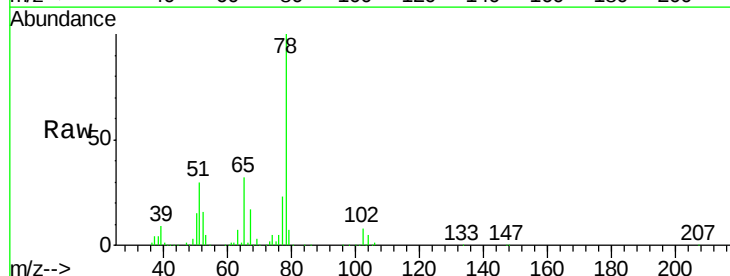
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

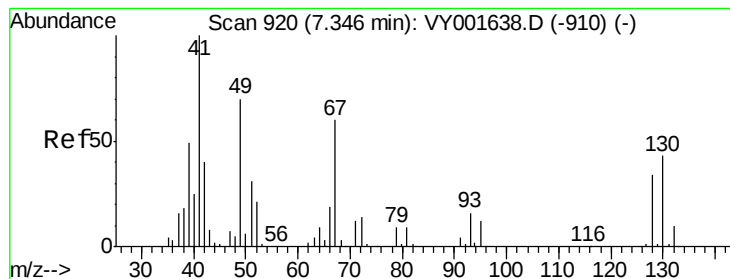
Tgt Ion: 83 Resp: 83645
Ion Ratio Lower Upper
83 100
55 77.6 61.3 91.9
98 45.8 38.0 57.0



#40
Benzene
Concen: 19.38 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 78 Resp: 187264
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.4





#41

Methacrylonitrile

Concen: 53.25 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tgt Ion: 41 Resp: 52423

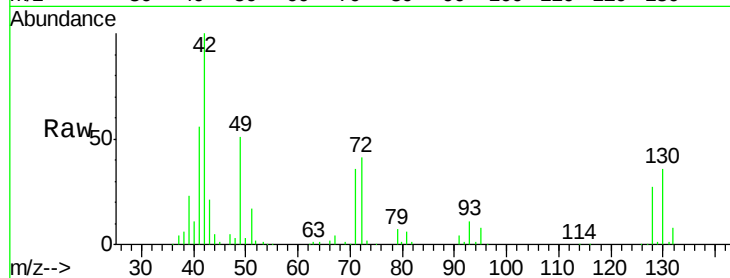
Ion Ratio Lower Upper

41 100

39 0.0 36.0 54.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

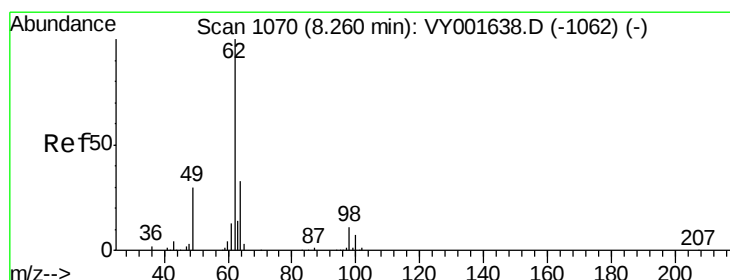
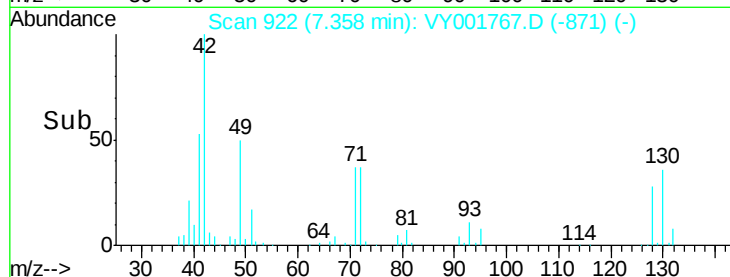
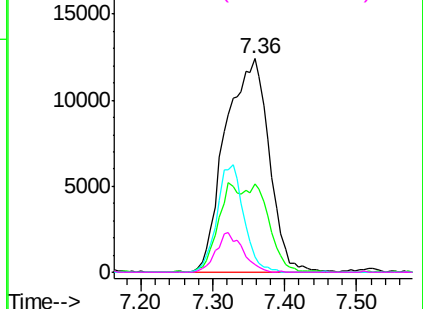


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.60 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY001767.D

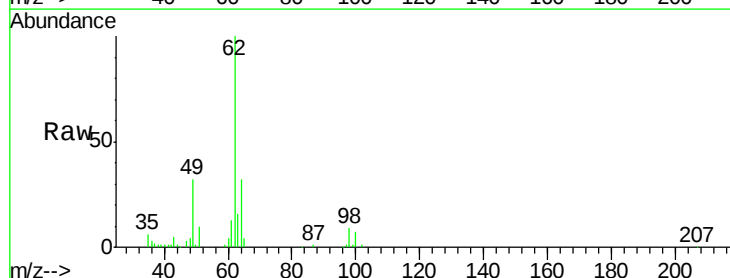
Acq: 24 Feb 2020 12:55

Tgt Ion: 62 Resp: 51596

Ion Ratio Lower Upper

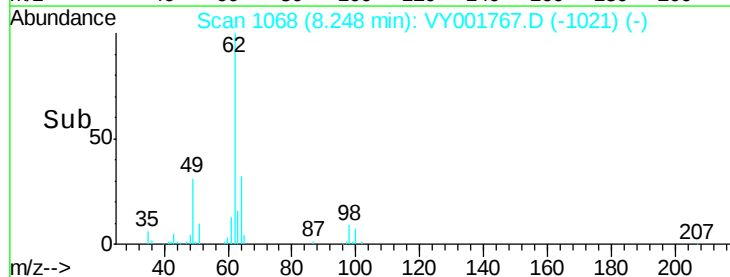
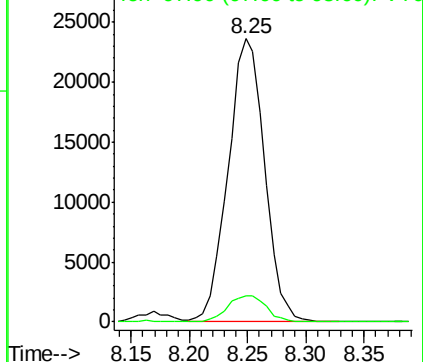
62 100

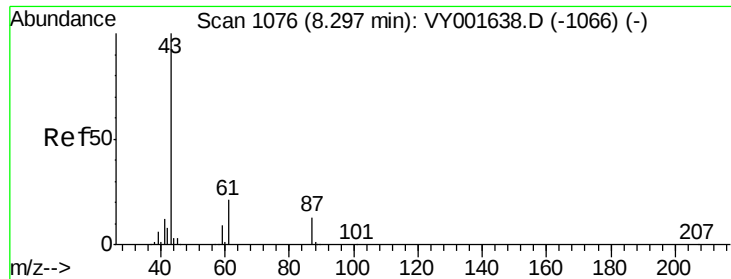
98 9.7 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.22 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

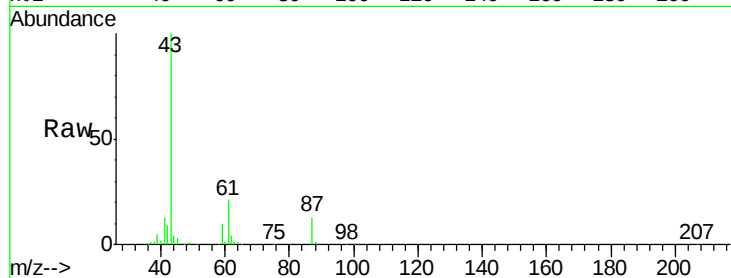
Tgt Ion: 43 Resp: 71503

Ion Ratio Lower Upper

43 100

61 29.0 23.0 34.4

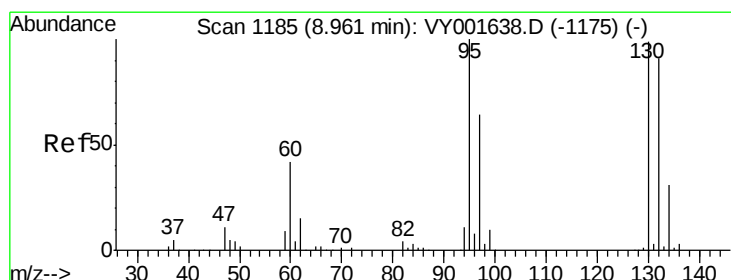
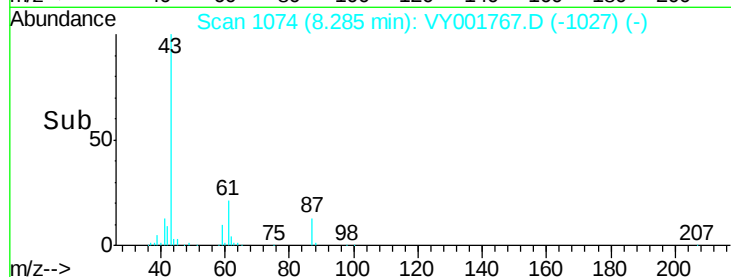
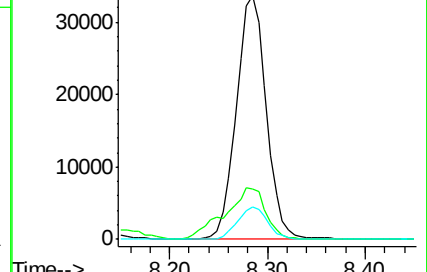
87 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001638.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001638.D (-1066) (-)



#44

Trichloroethene

Concen: 18.88 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001767.D

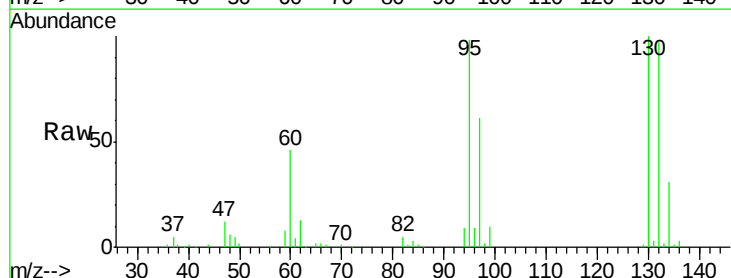
Acq: 24 Feb 2020 12:55

Tgt Ion: 130 Resp: 45531

Ion Ratio Lower Upper

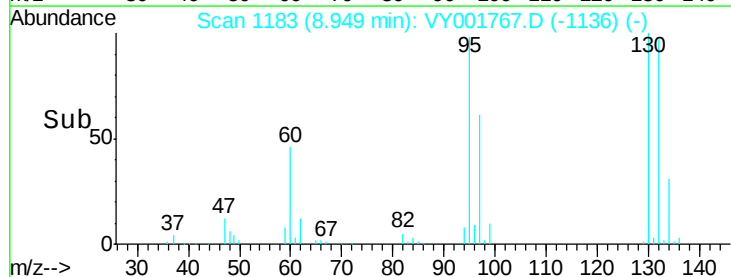
130 100

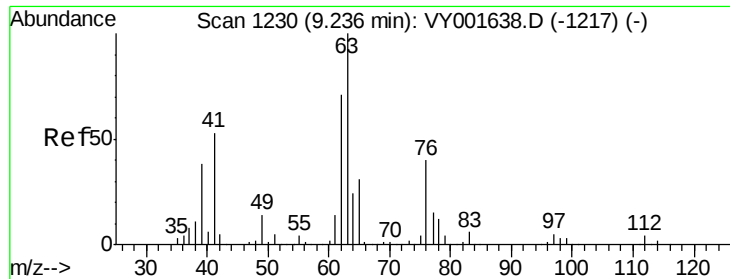
95 98.5 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001638.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001638.D (-1175) (-)

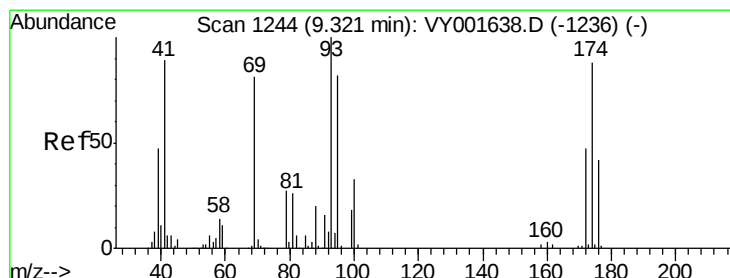
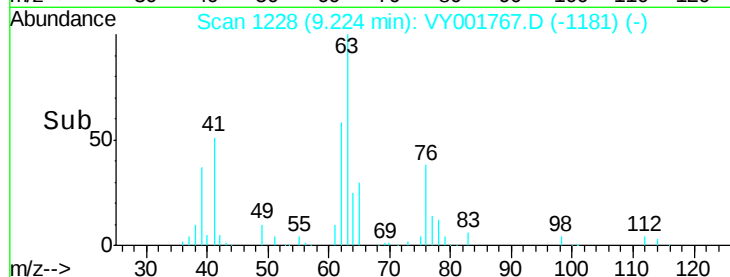
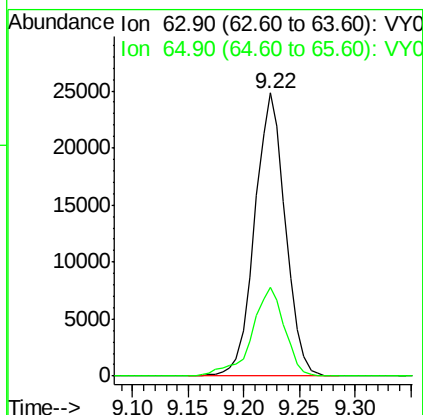
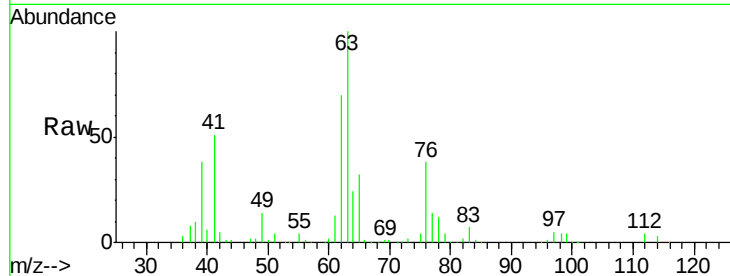




#45
 1,2-Dichloropropane
 Concen: 19.65 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

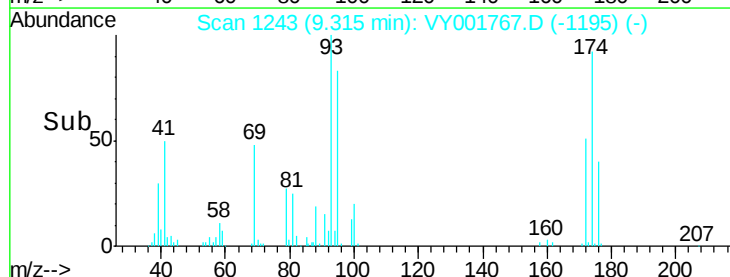
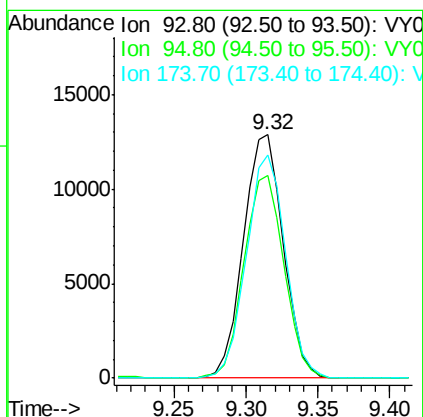
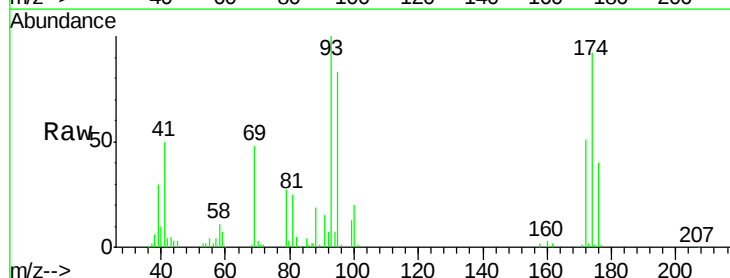
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

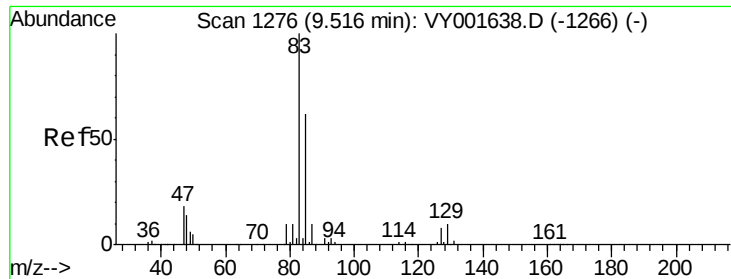
Tgt Ion: 63 Resp: 47548
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 37.0



#46
 Dibromomethane
 Concen: 19.46 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 93 Resp: 24627
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 90.0 72.5 108.7

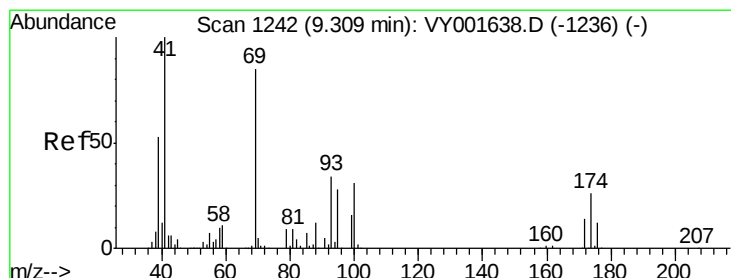
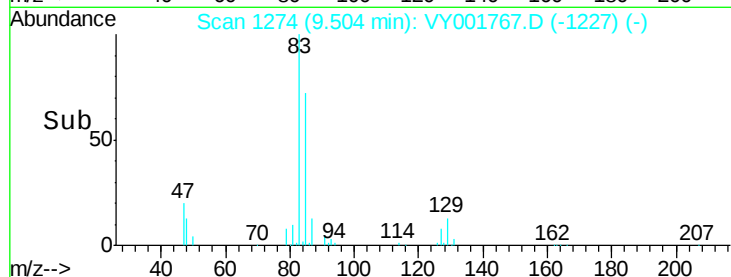
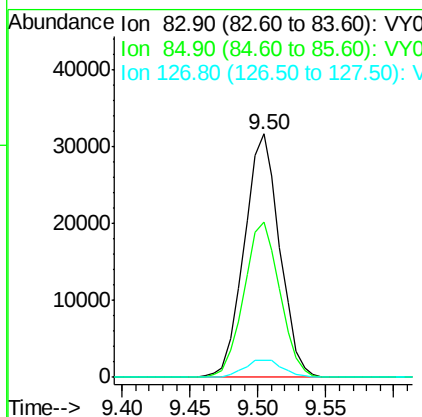
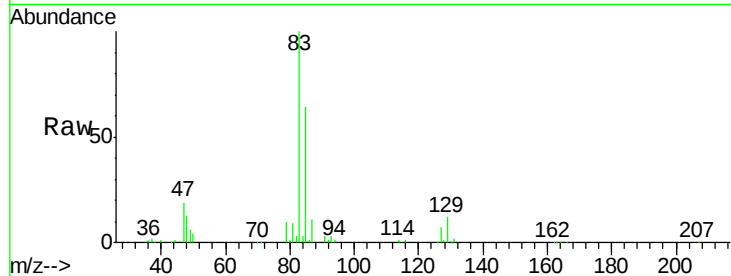




#47
 Bromodichloromethane
 Concen: 18.86 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

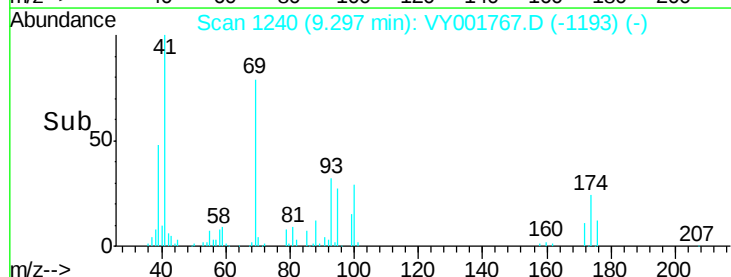
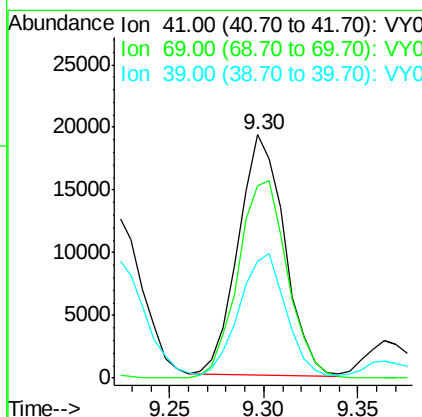
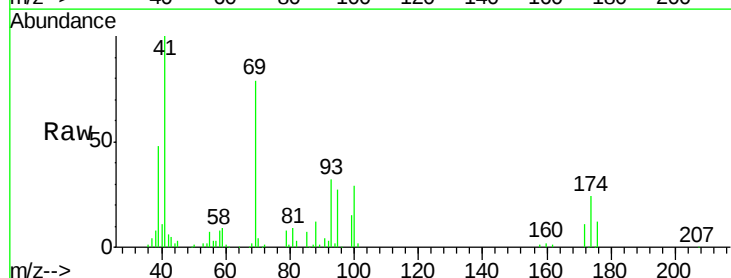
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

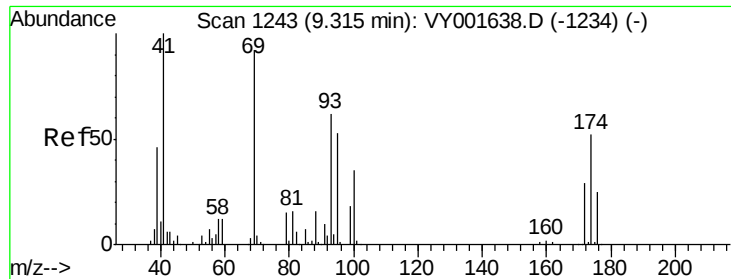
Tgt Ion: 83 Resp: 57598
 Ion Ratio Lower Upper
 83 100
 85 63.5 51.4 77.0
 127 7.2 6.4 9.6



#48
 Methyl methacrylate
 Concen: 19.44 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 41 Resp: 32698
 Ion Ratio Lower Upper
 41 100
 69 87.3 70.7 106.1
 39 53.0 42.2 63.2

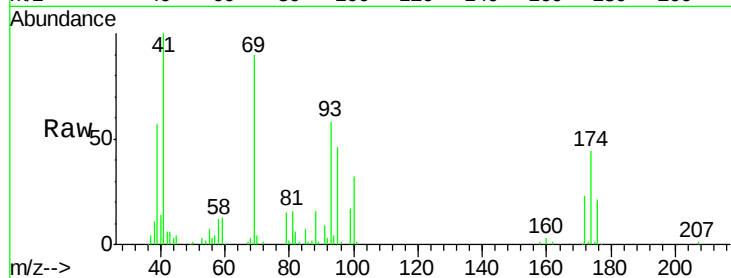




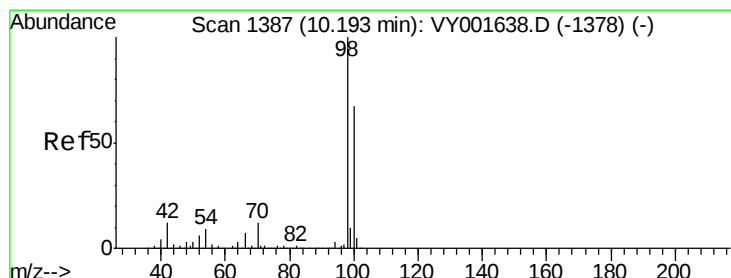
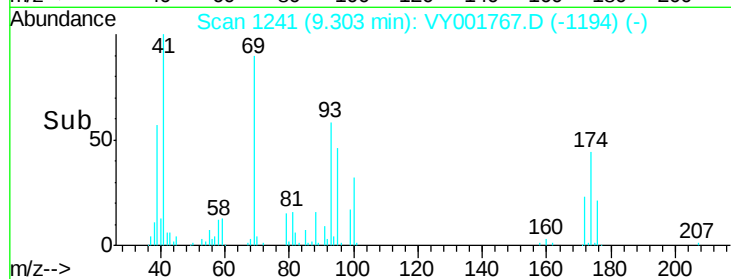
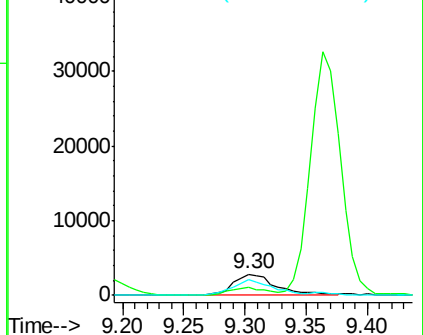
#49
1,4-Dioxane
Concen: 386.99 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tgt Ion: 88 Resp: 6917
Ion Ratio Lower Upper
88 100
43 33.2 23.1 34.7
58 68.6 58.1 87.1

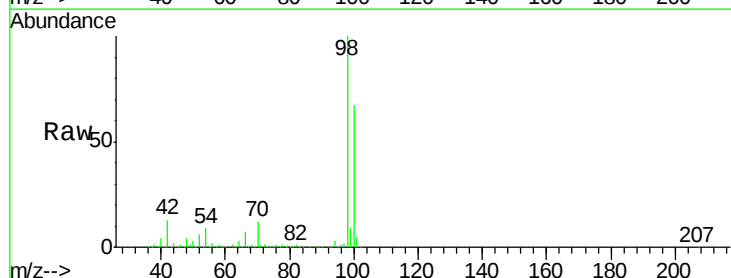


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

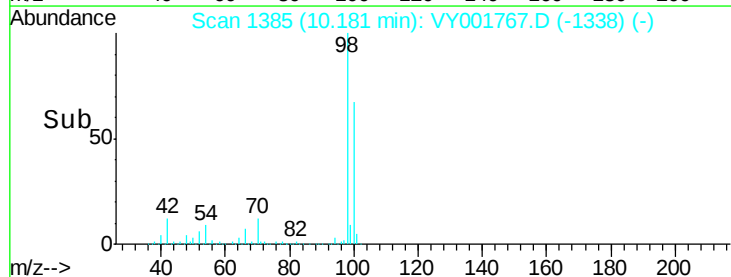
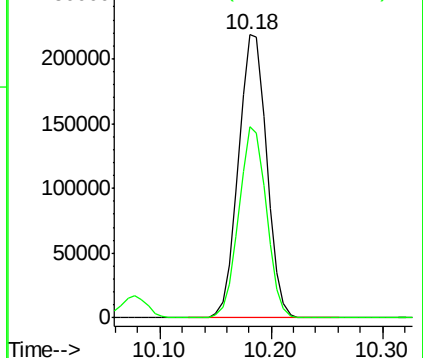


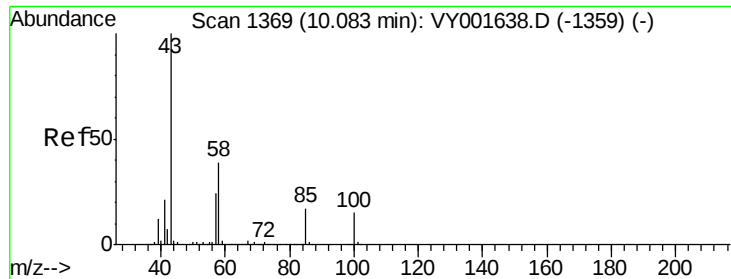
#50
Toluene-d8
Concen: 49.81 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 98 Resp: 384398
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



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: 99.40 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

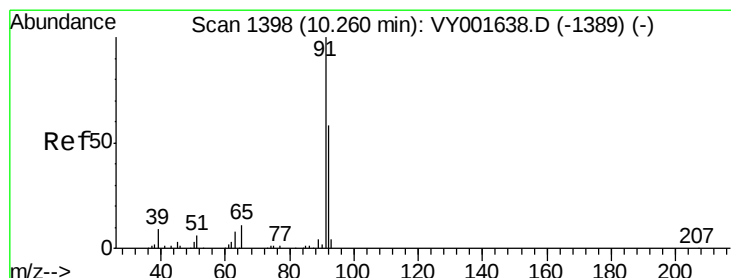
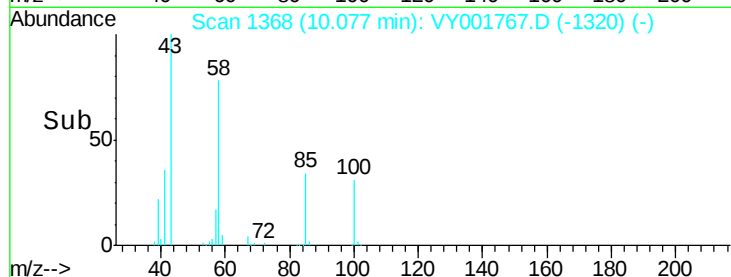
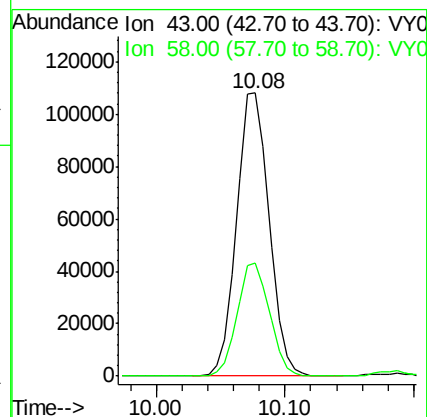
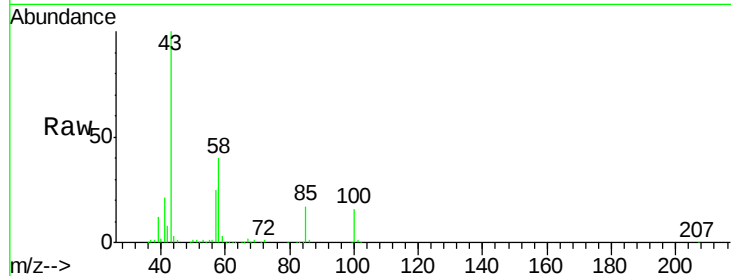
VY0224SBS01

Tgt Ion: 43 Resp: 189972

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.4



#52

Toluene

Concen: 19.19 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001767.D

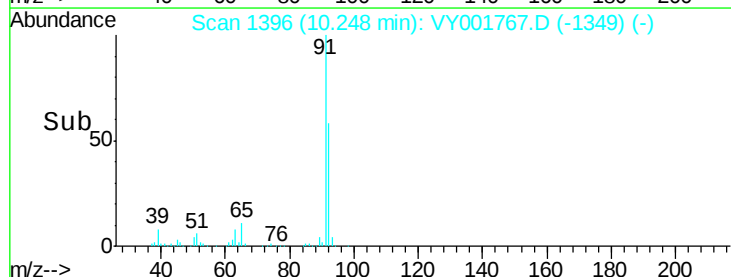
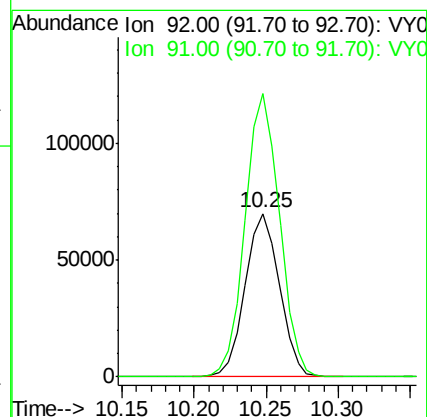
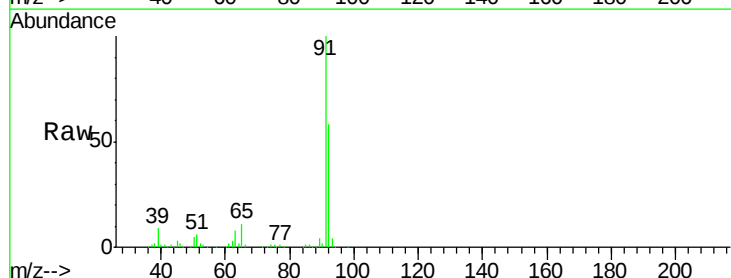
Acq: 24 Feb 2020 12:55

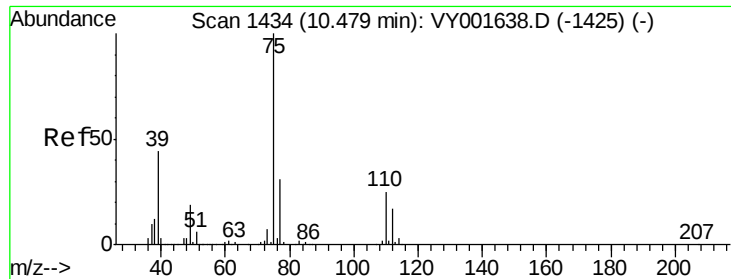
Tgt Ion: 92 Resp: 115631

Ion Ratio Lower Upper

92 100

91 173.1 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 19.06 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

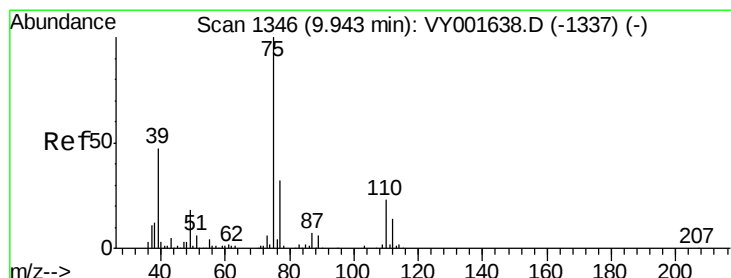
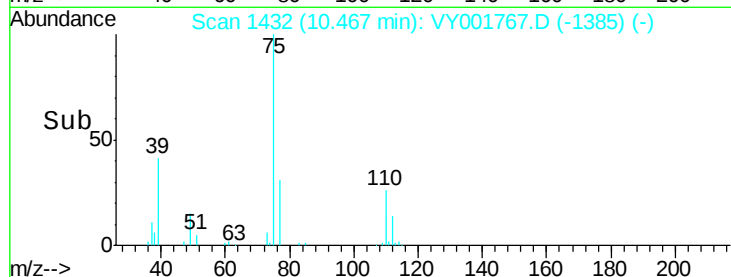
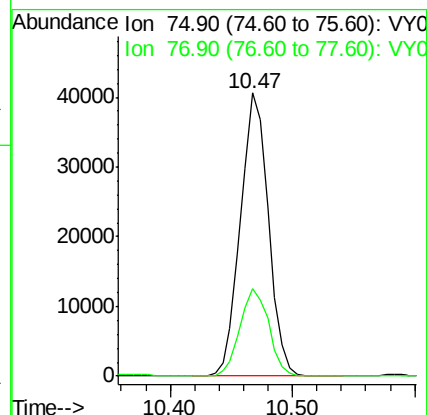
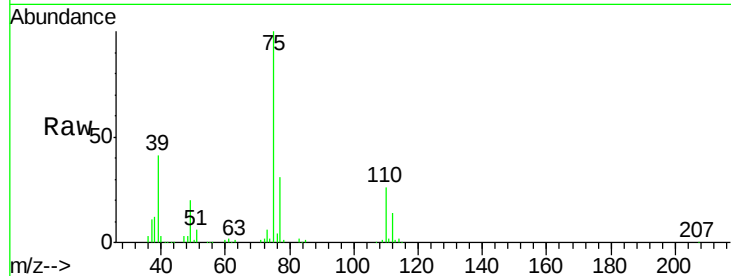
VY0224SBS01

Tgt Ion: 75 Resp: 64368

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.39 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

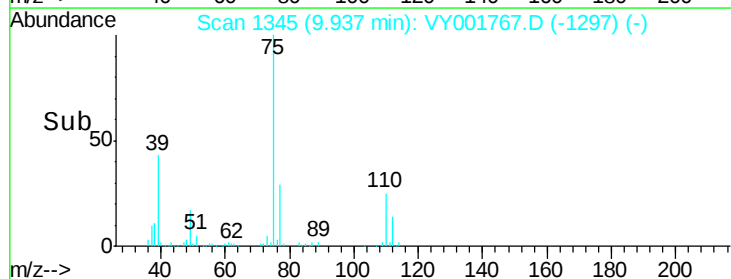
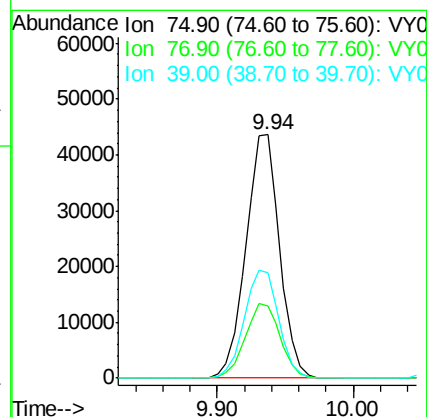
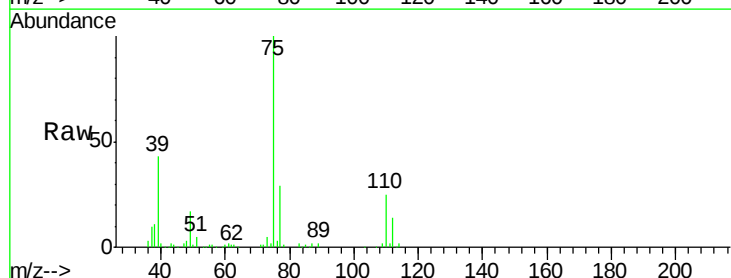
Tgt Ion: 75 Resp: 75362

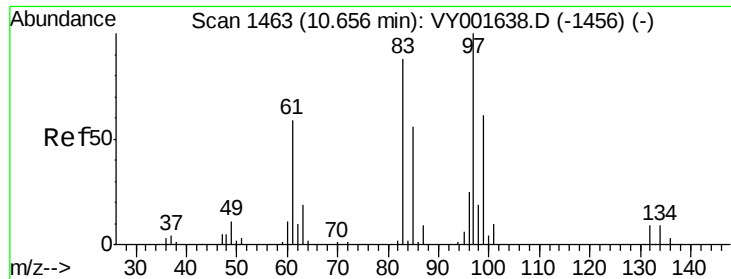
Ion Ratio Lower Upper

75 100

77 29.4 25.7 38.5

39 43.1 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 19.55 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tgt Ion: 97 Resp: 36471

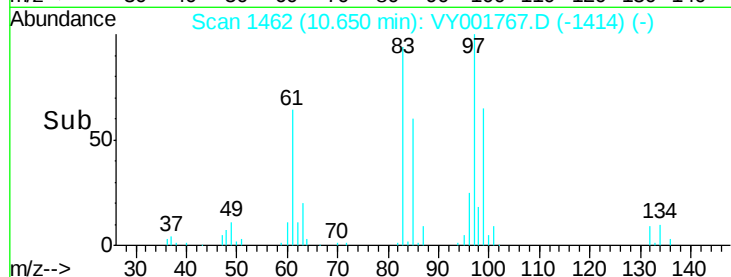
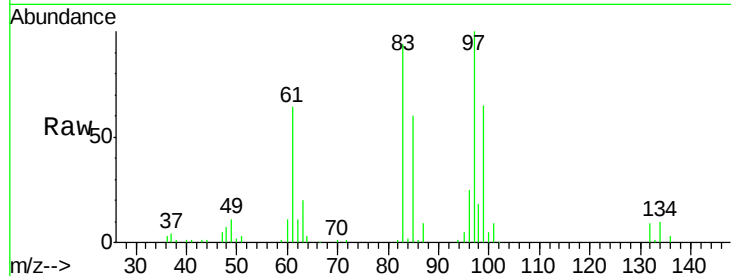
Ion Ratio Lower Upper

97 100

83 93.6 69.7 104.5

85 60.2 44.5 66.7

99 64.7 49.6 74.4

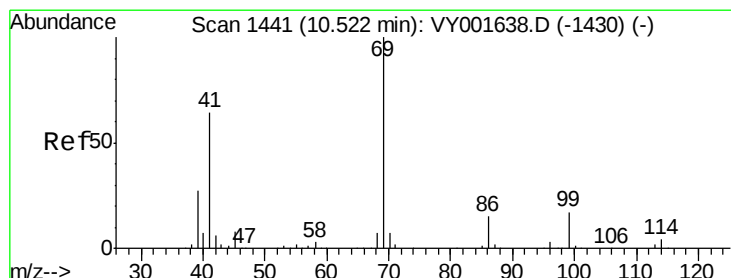
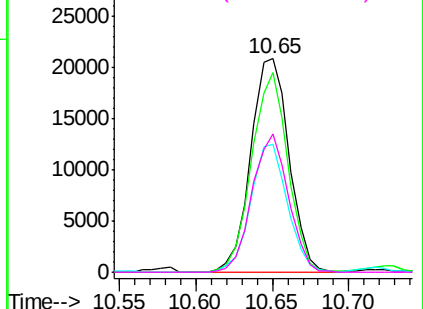


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 18.86 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

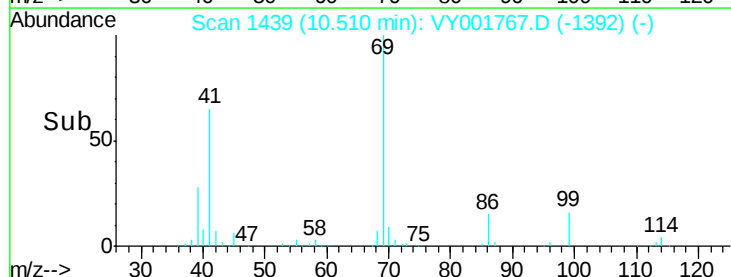
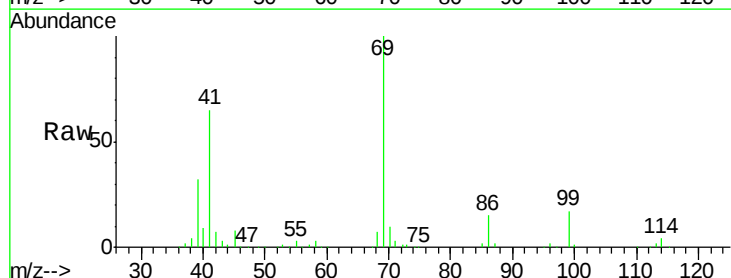
Tgt Ion: 69 Resp: 52797

Ion Ratio Lower Upper

69 100

41 67.1 51.0 76.4

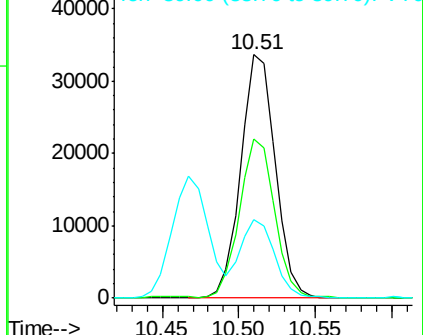
39 32.2 24.7 37.1

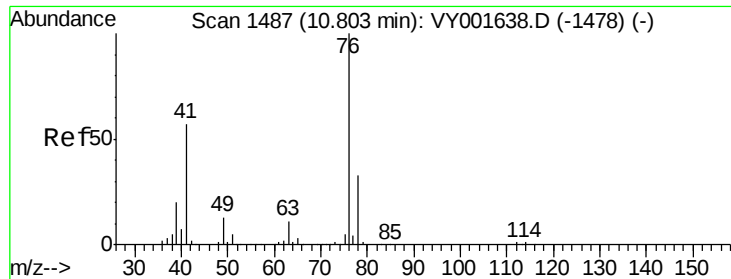


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.68 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

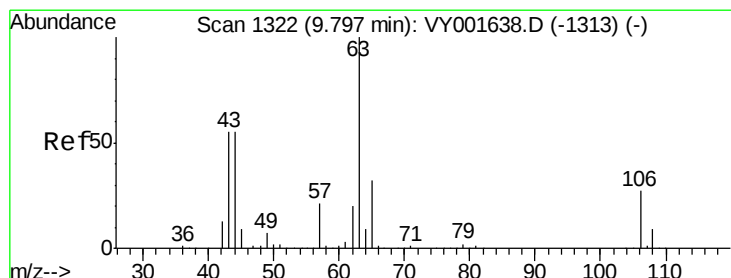
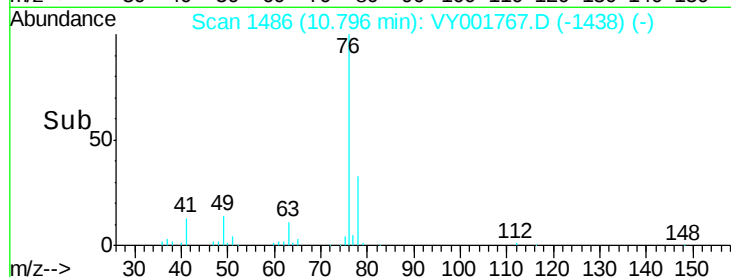
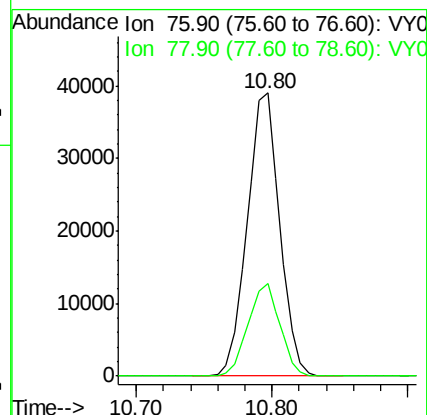
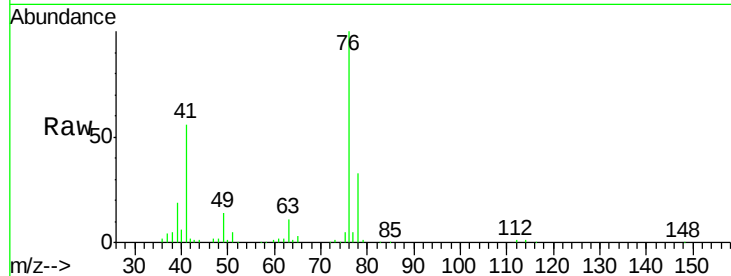
VY0224SBS01

Tgt Ion: 76 Resp: 65244

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 127.42 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001767.D

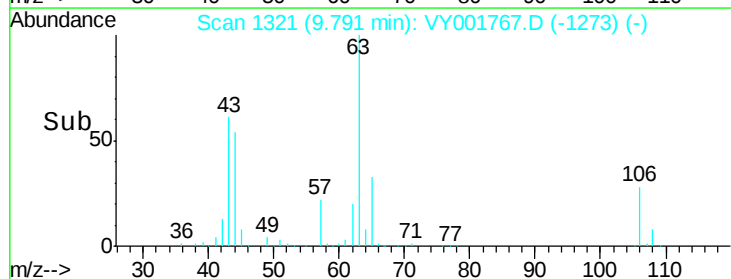
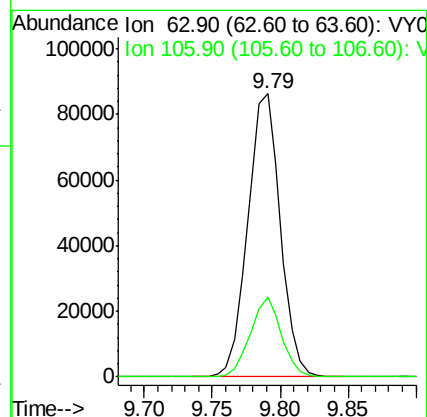
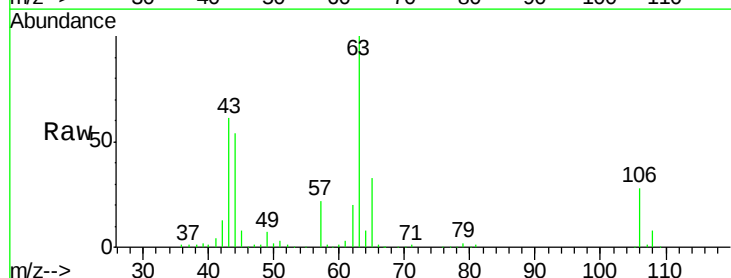
Acq: 24 Feb 2020 12:55

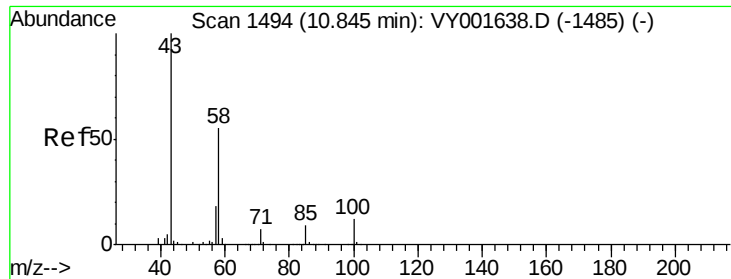
Tgt Ion: 63 Resp: 144014

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4





#59

2-Hexanone

Concen: 94.28 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

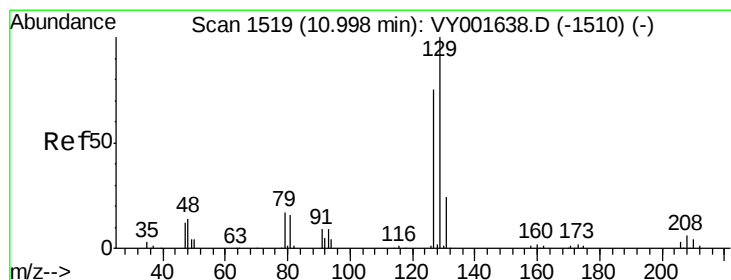
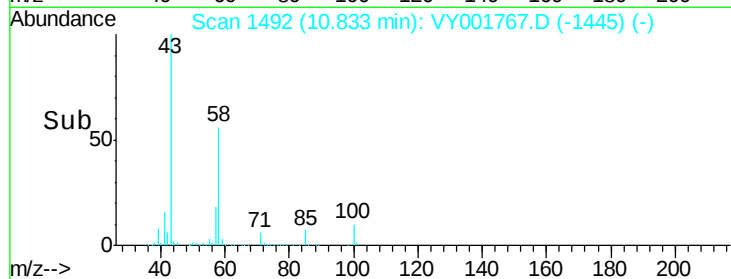
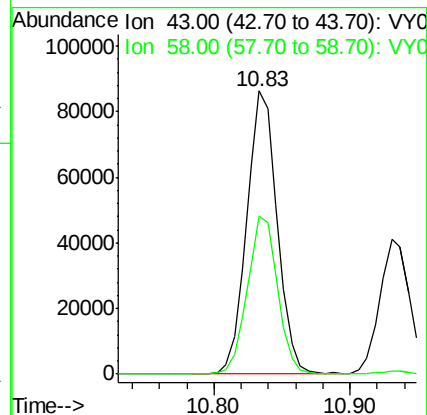
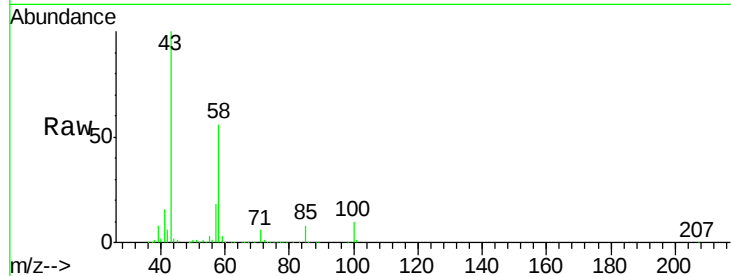
VY0224SBSD01

Tgt Ion: 43 Resp: 135200

Ion Ratio Lower Upper

43 100

58 55.5 28.4 85.2



#60

Dibromochloromethane

Concen: 18.78 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY001767.D

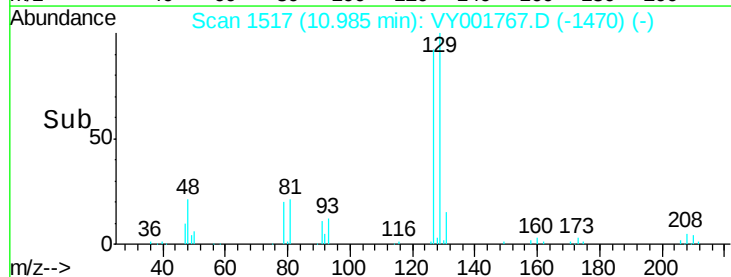
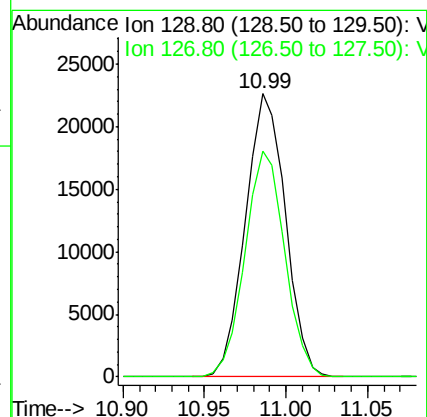
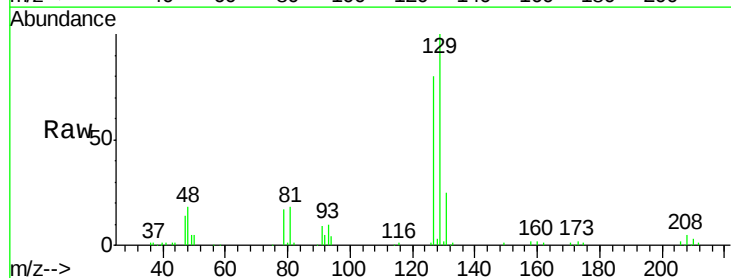
Acq: 24 Feb 2020 12:55

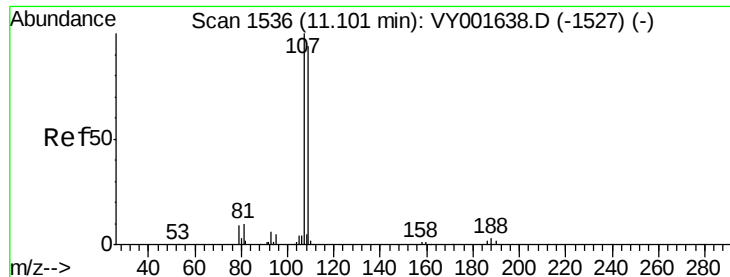
Tgt Ion: 129 Resp: 38631

Ion Ratio Lower Upper

129 100

127 79.3 38.9 116.6

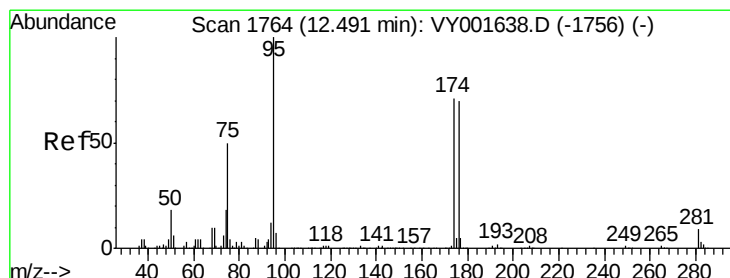
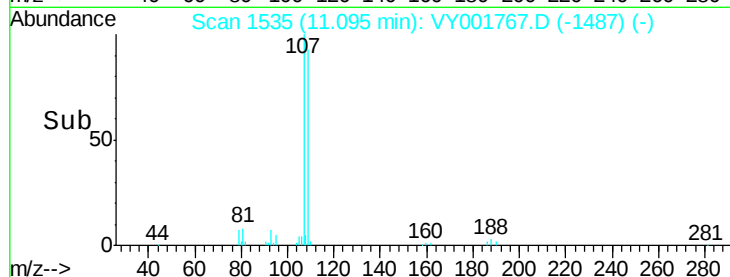
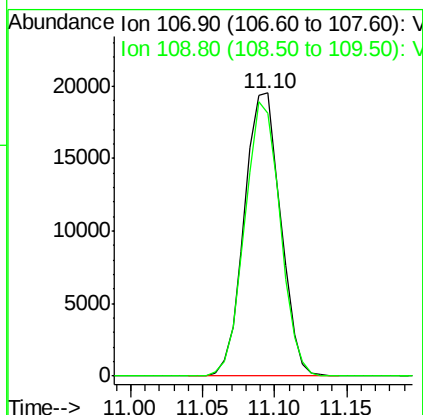
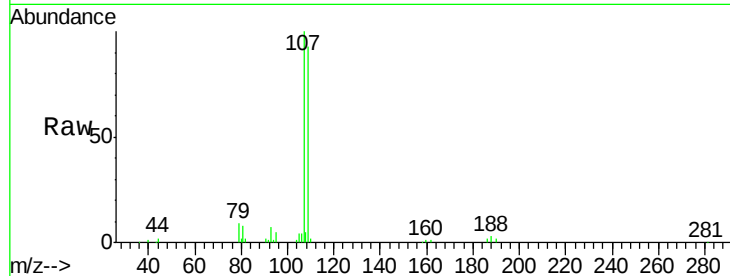




#61
 1,2-Dibromoethane
 Concen: 19.26 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

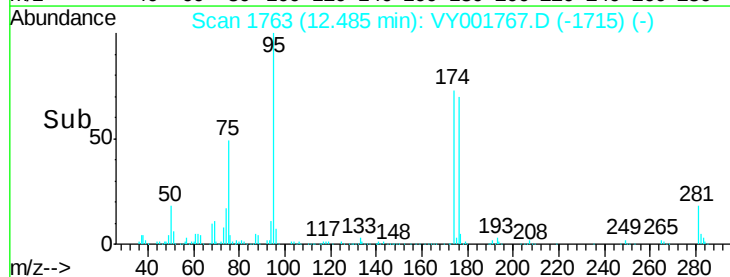
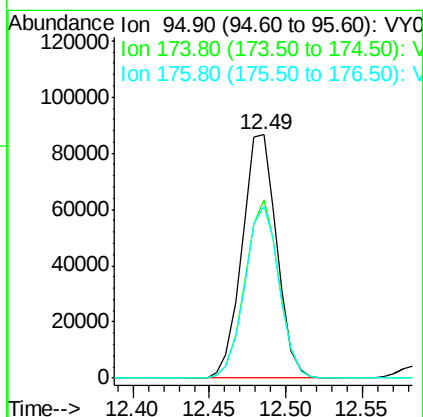
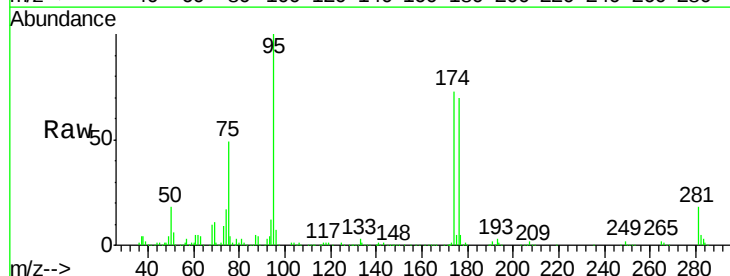
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

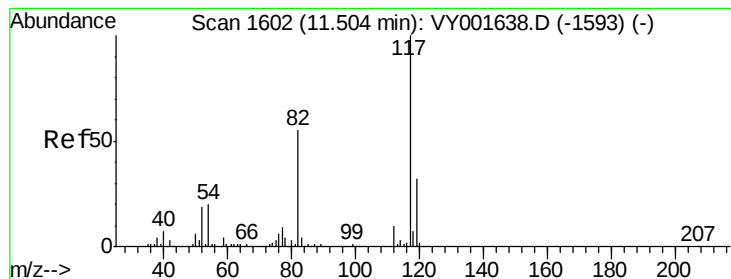
Tgt Ion: 107 Resp: 33981
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 45.24 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 95 Resp: 135611
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 138.4
 176 69.9 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

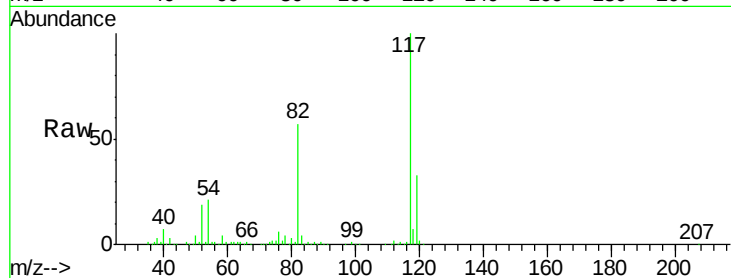
Tgt Ion:117 Resp: 312637

Ion Ratio Lower Upper

117 100

82 57.3 45.5 68.3

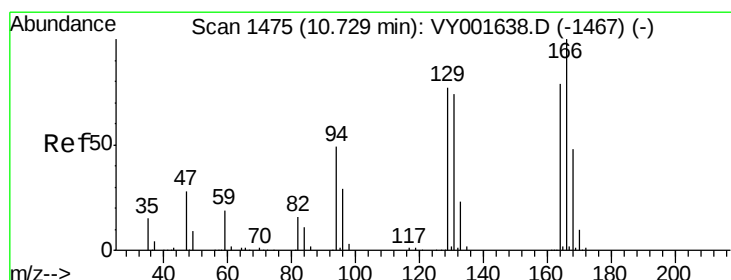
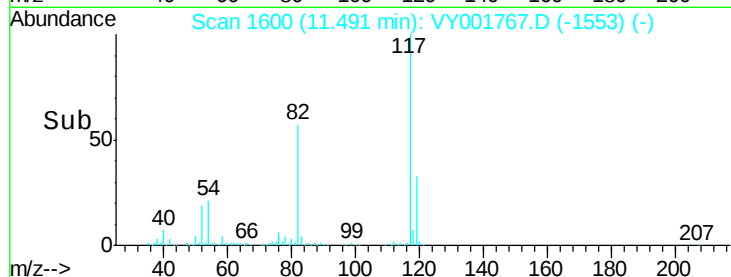
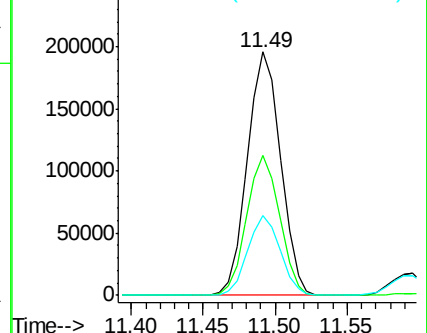
119 32.9 25.8 38.6



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: 18.79 ug/l

RT: 10.72 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:164 Resp: 36871

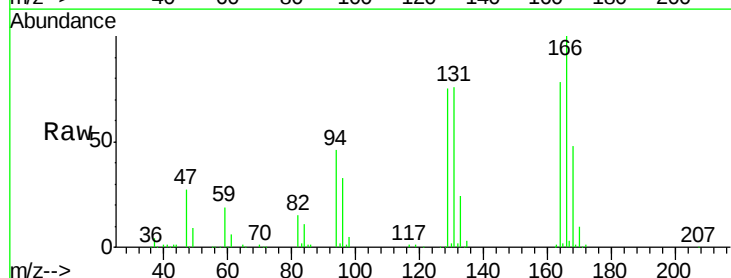
Ion Ratio Lower Upper

164 100

166 127.8 101.4 152.0

129 95.5 78.7 118.1

131 96.6 76.0 114.0

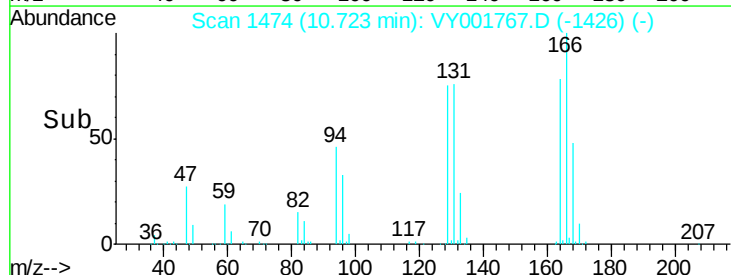
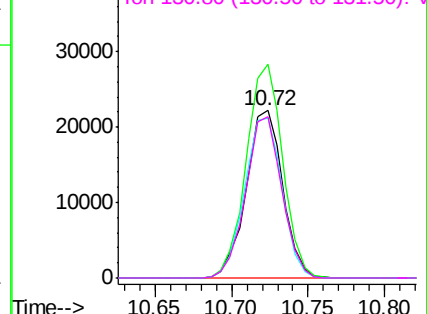


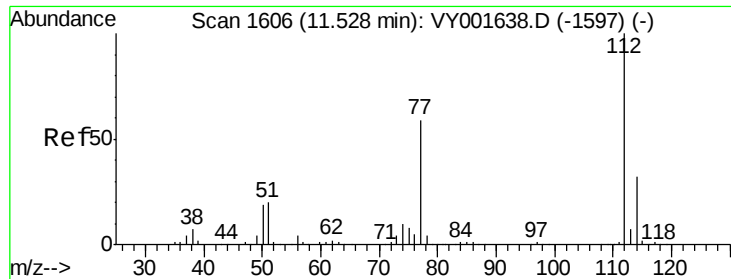
Abundance Ion 163.80 (163.50 to 164.50): V

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

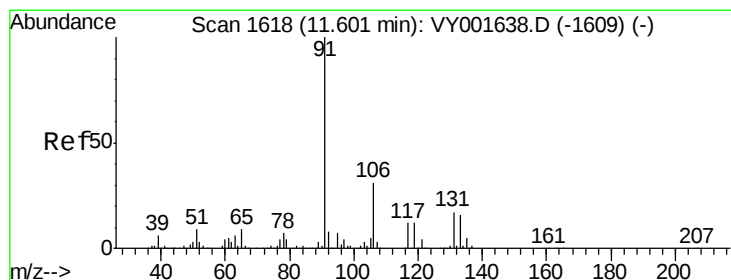
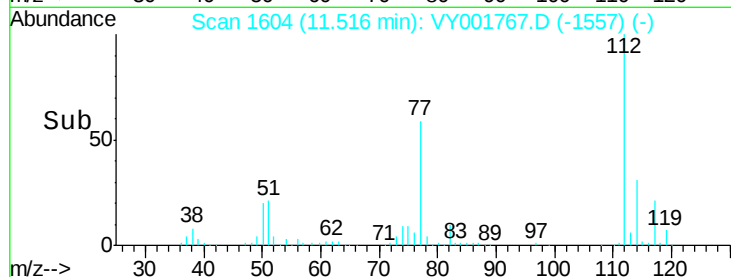
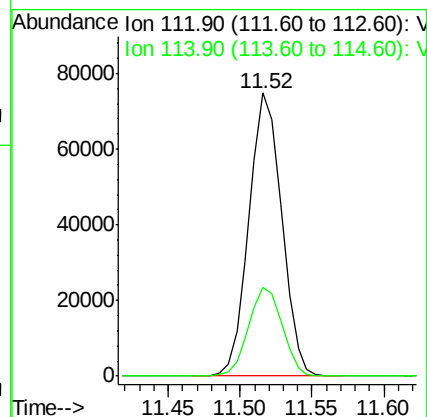
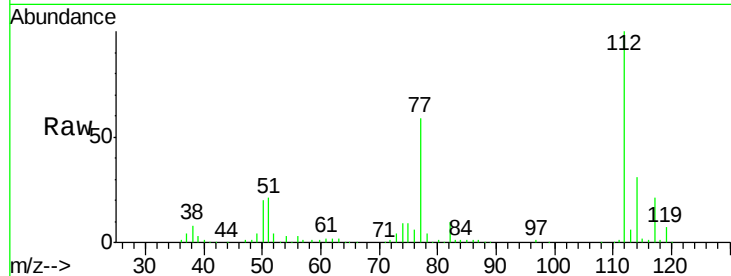




#65
Chlorobenzene
Concen: 18.94 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

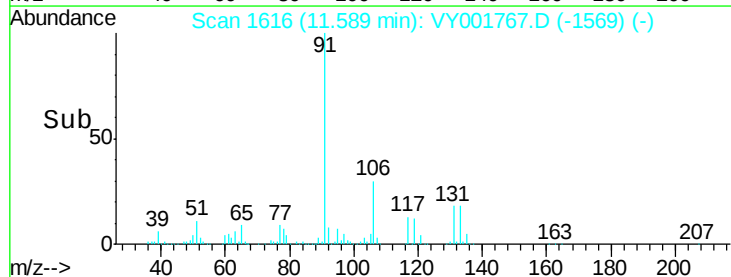
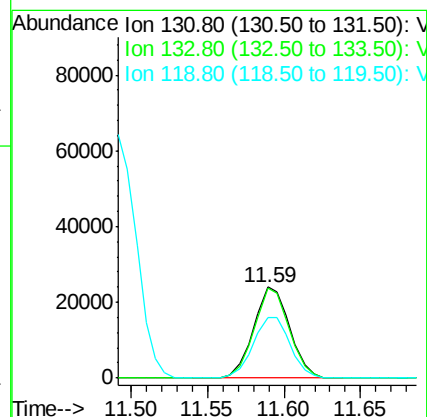
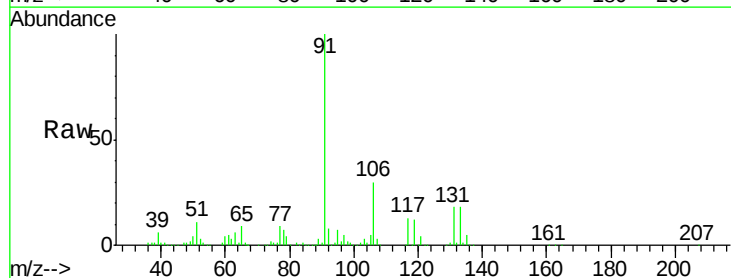
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

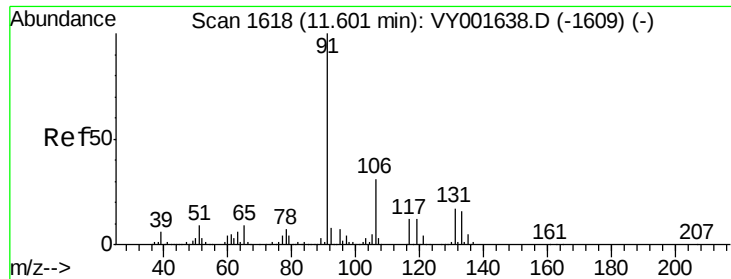
Tgt Ion:112 Resp: 118202
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.72 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion:131 Resp: 39418
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 69.4 34.4 103.1

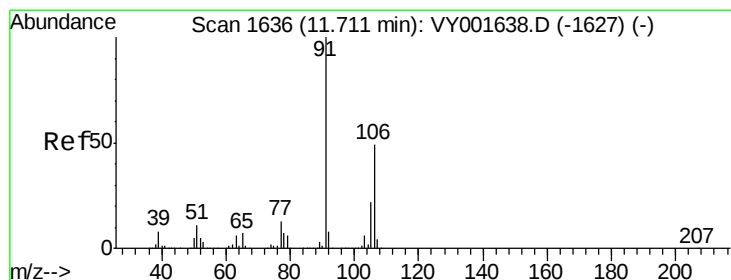
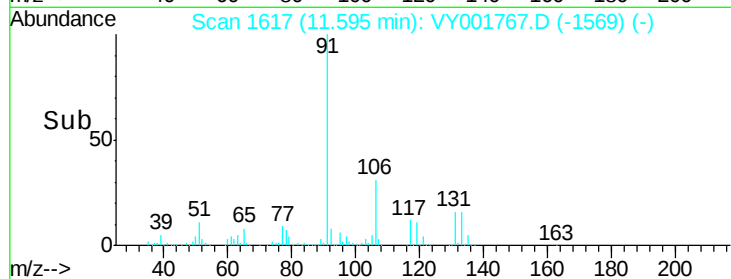
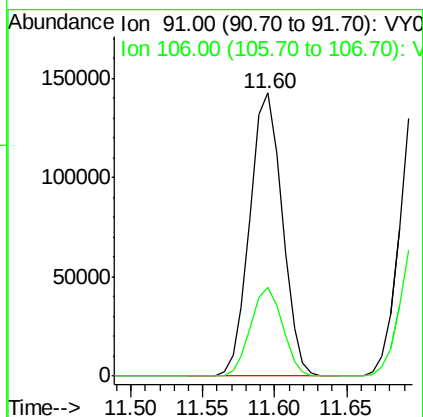
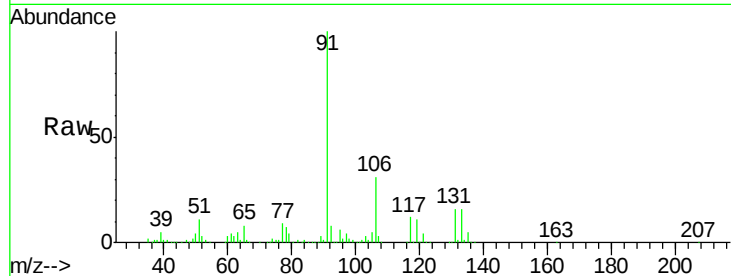




#67
Ethyl Benzene
Concen: 19.21 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

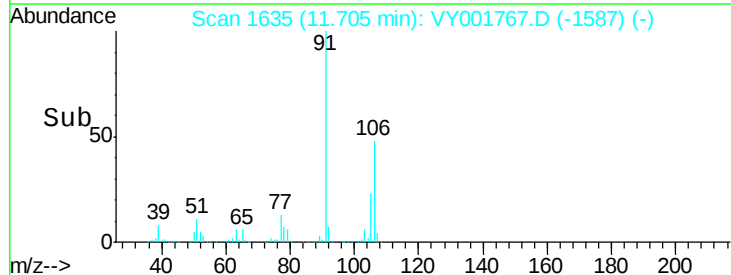
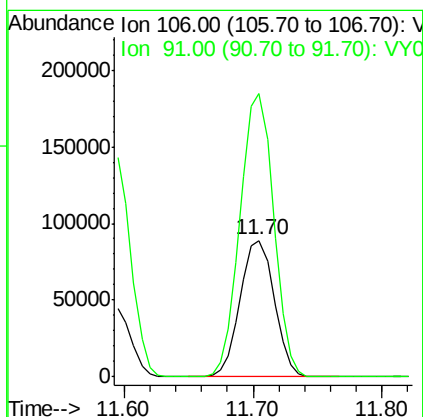
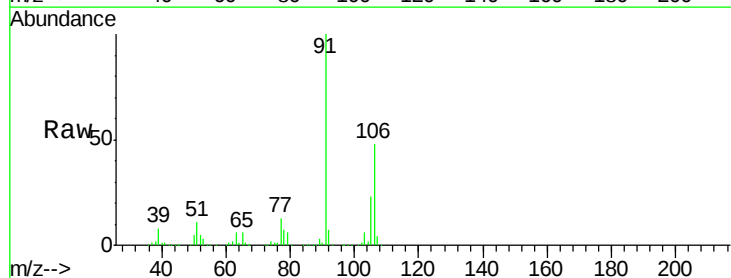
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

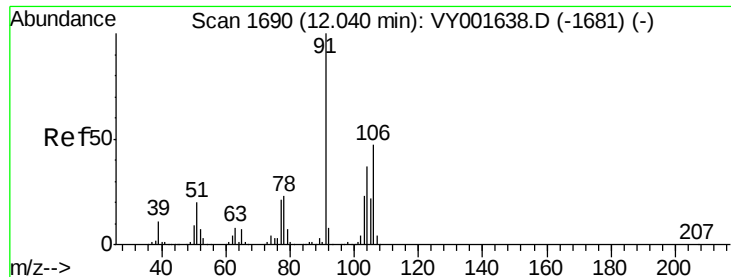
Tgt Ion: 91 Resp: 222525
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 37.90 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 106 Resp: 163980
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9

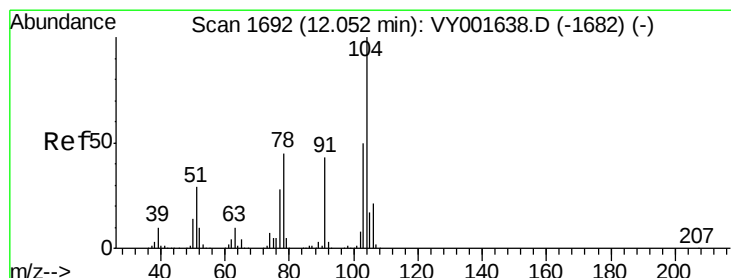
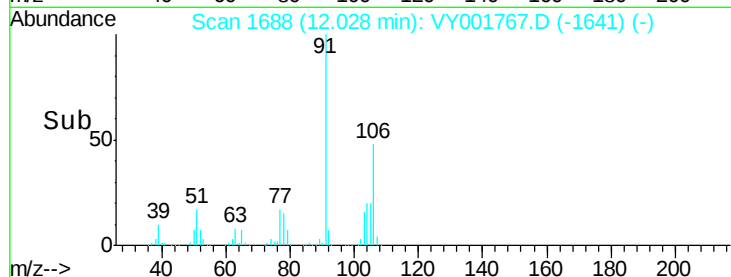
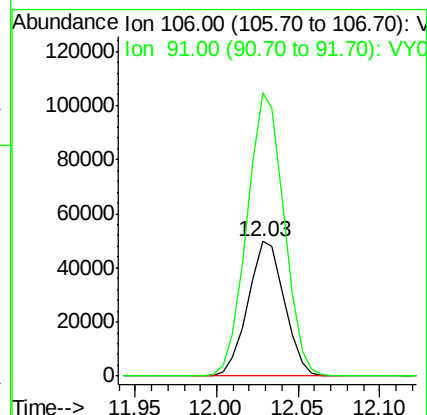
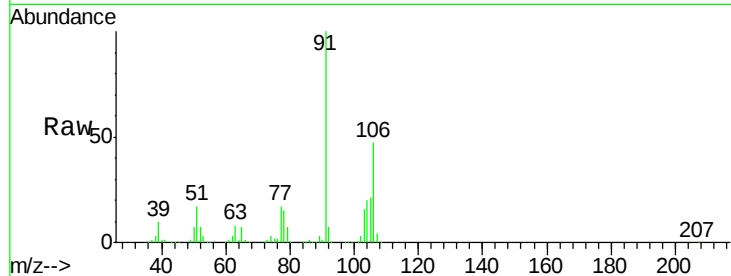




#69
o-Xylene
Concen: 18.94 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

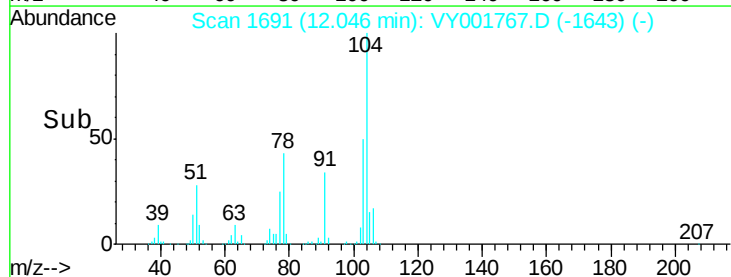
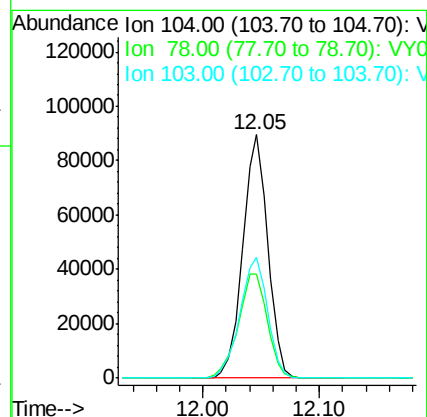
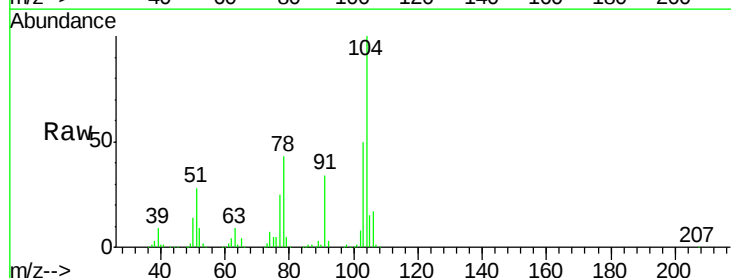
Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

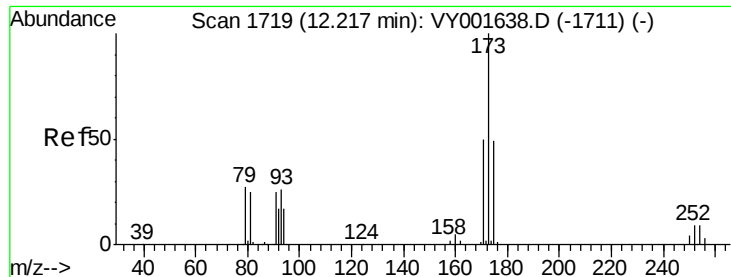
Tgt Ion:106 Resp: 77916
Ion Ratio Lower Upper
106 100
91 212.4 108.3 324.9



#70
Styrene
Concen: 18.76 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion:104 Resp: 134119
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 54.9 43.0 64.6





#71

Bromoform

Concen: 18.38 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

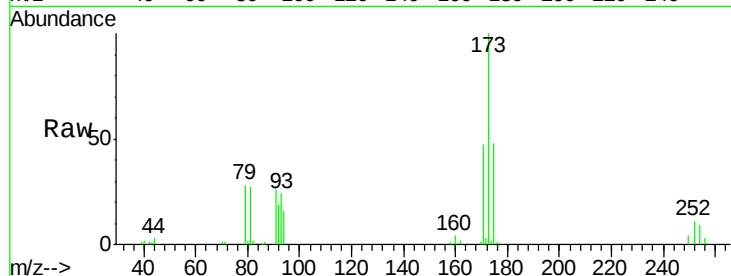
Tgt Ion:173 Resp: 22122

Ion Ratio Lower Upper

173 100

175 46.8 24.3 73.0

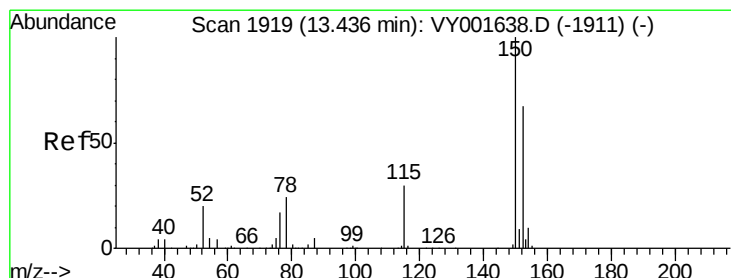
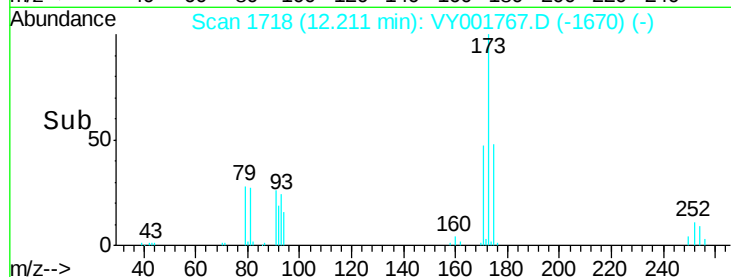
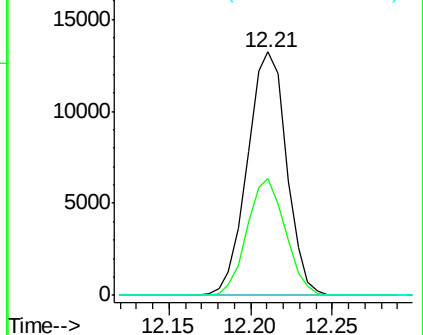
254 0.0 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

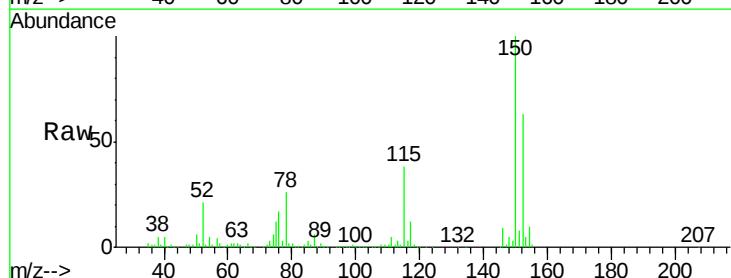
Tgt Ion:152 Resp: 142588

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

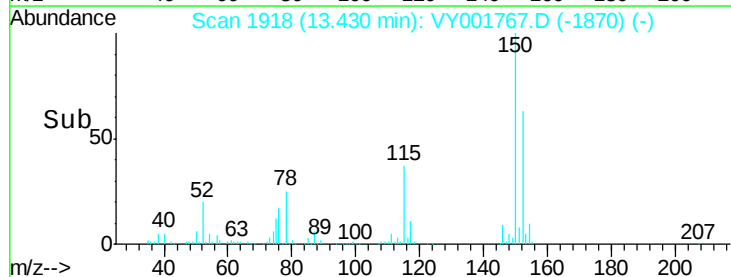
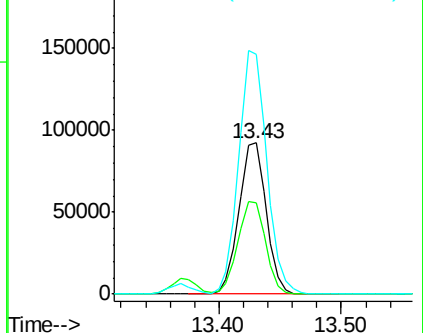
150 166.2 0.0 407.2

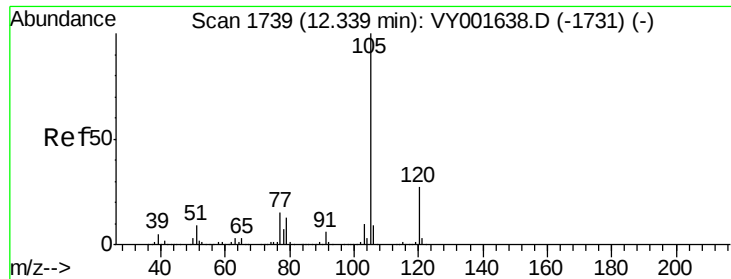


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.24 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

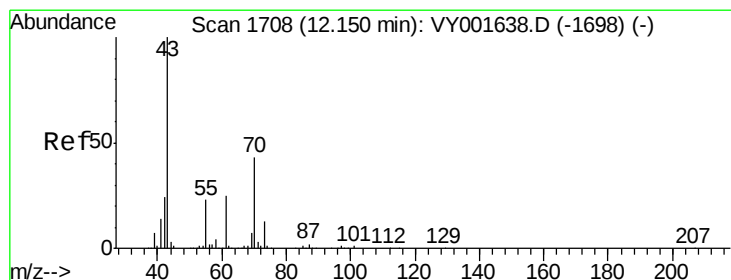
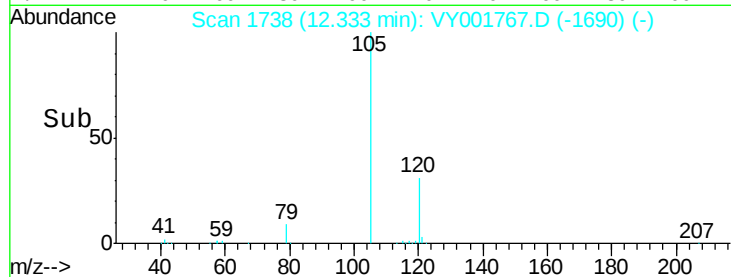
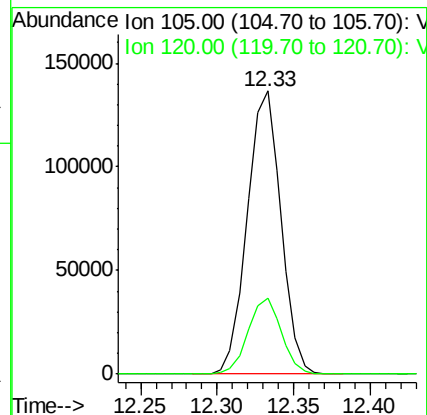
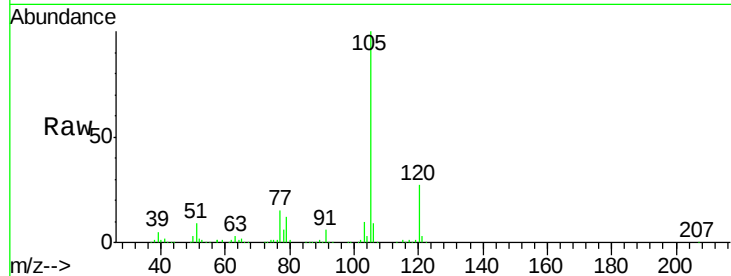
VY0224SBS01

Tgt Ion:105 Resp: 208958

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 19.23 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion: 43 Resp: 66656

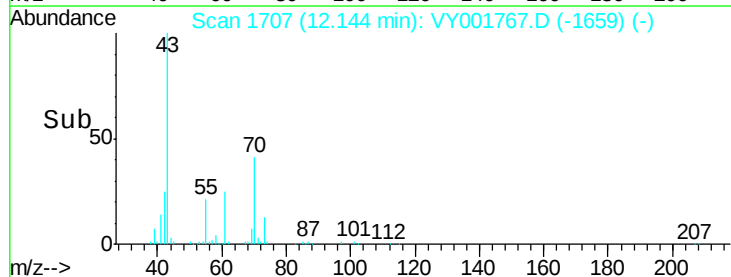
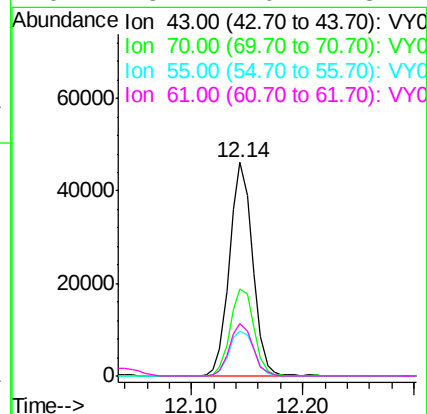
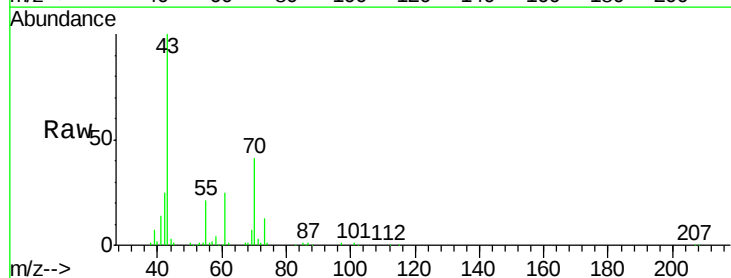
Ion Ratio Lower Upper

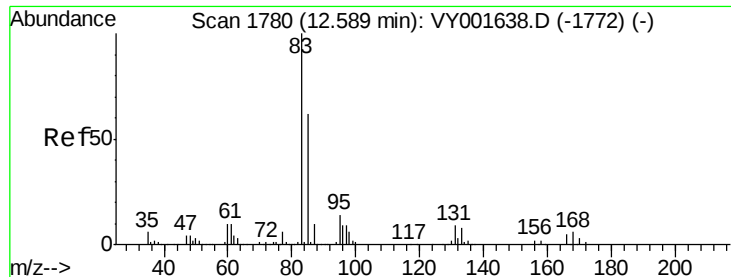
43 100

70 41.8 35.9 53.9

55 22.7 18.3 27.5

61 25.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.56 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

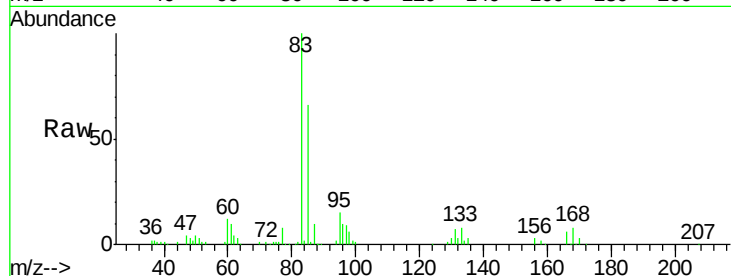
Tgt Ion: 83 Resp: 45370

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

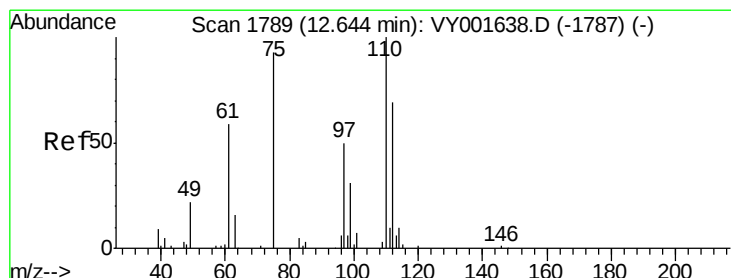
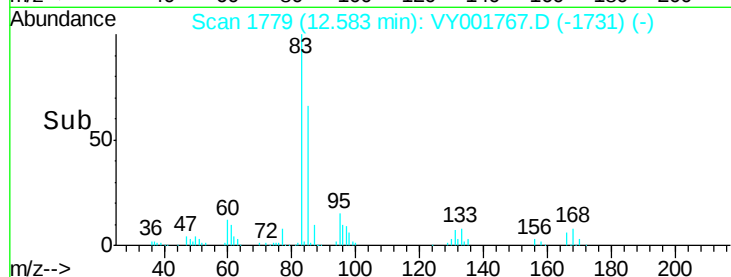
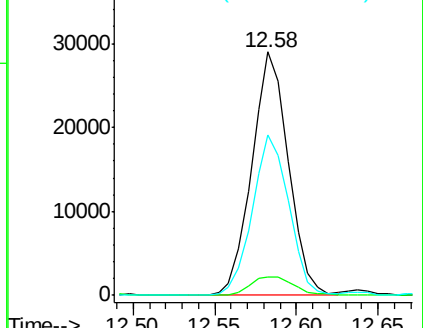
85 65.7 31.6 94.7



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: 35.90 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY001767.D

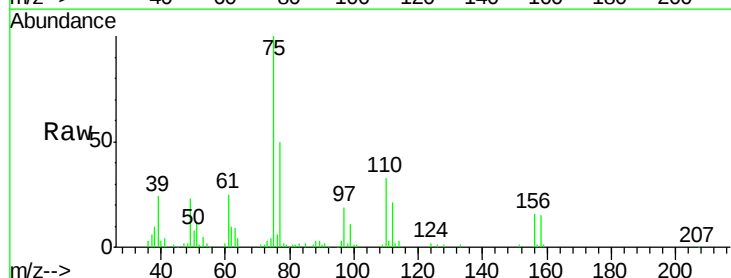
Acq: 24 Feb 2020 12:55

Tgt Ion: 75 Resp: 58720

Ion Ratio Lower Upper

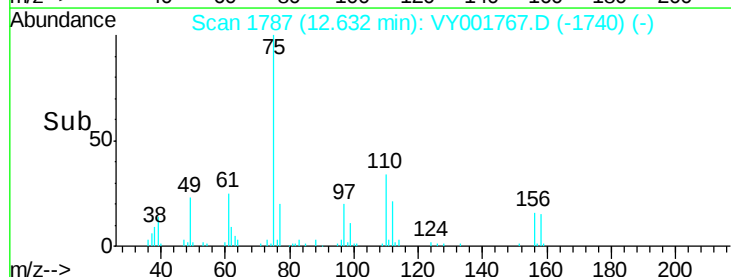
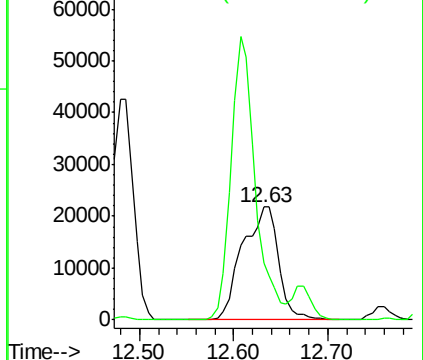
75 100

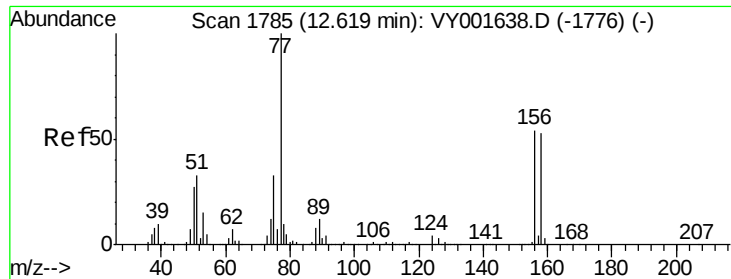
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.31 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

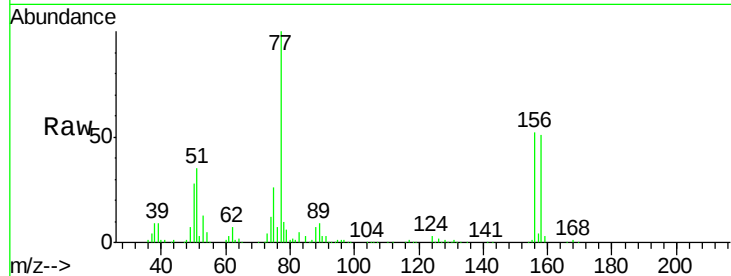
Tgt Ion:156 Resp: 45469

Ion Ratio Lower Upper

156 100

77 216.4 110.1 330.1

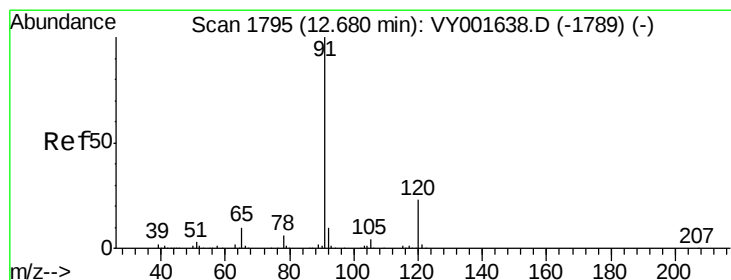
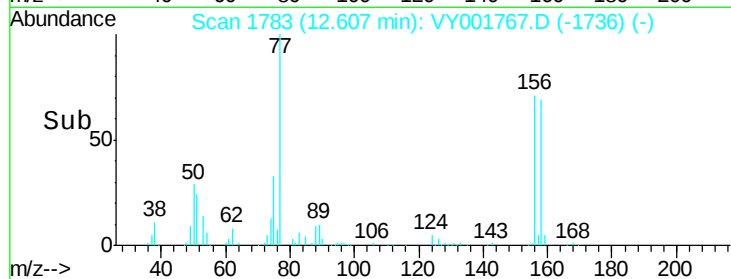
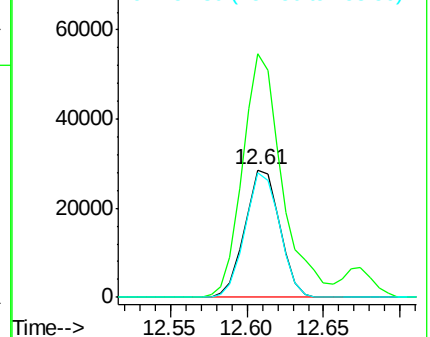
158 96.5 47.9 143.7



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: 19.65 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001767.D

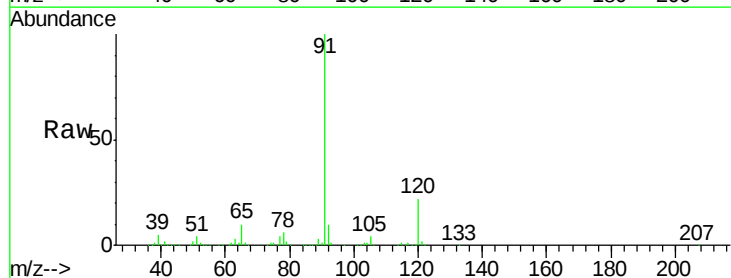
Acq: 24 Feb 2020 12:55

Tgt Ion: 91 Resp: 259951

Ion Ratio Lower Upper

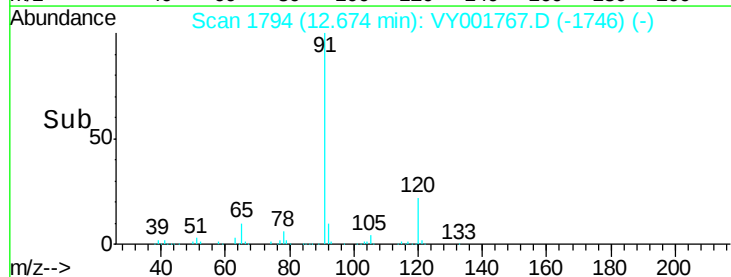
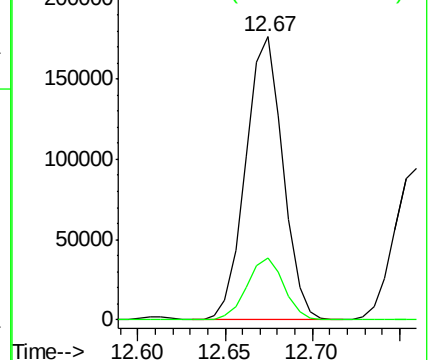
91 100

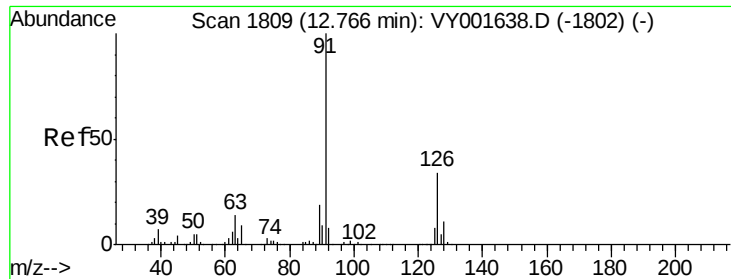
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.59 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

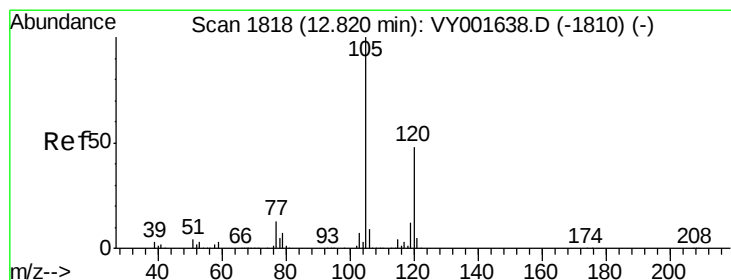
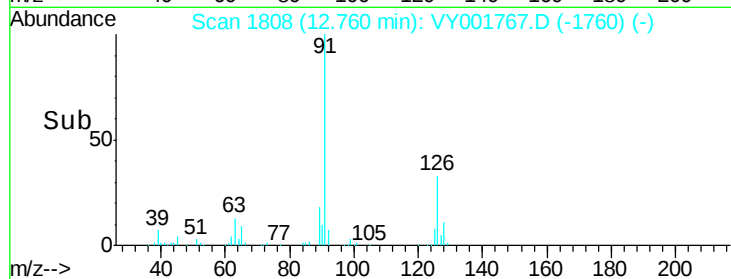
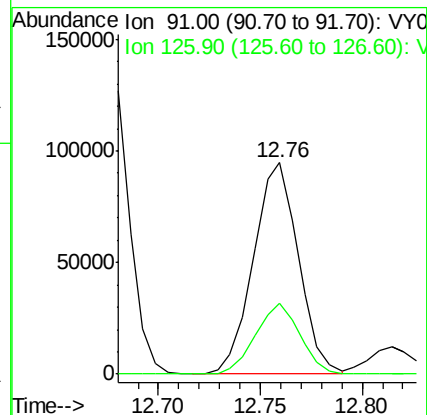
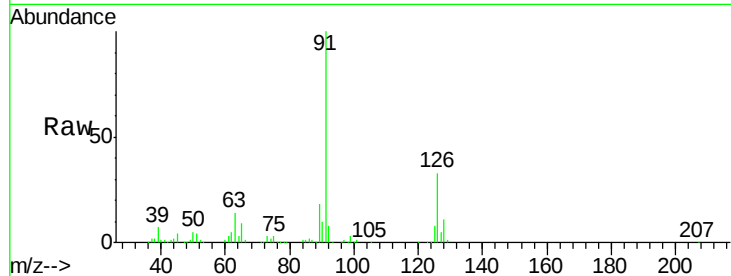
VY0224SBS01

Tgt Ion: 91 Resp: 145324

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.47 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001767.D

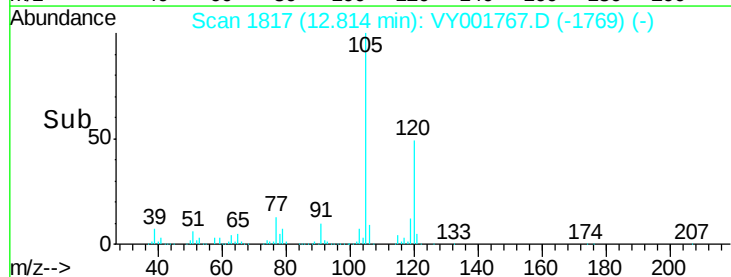
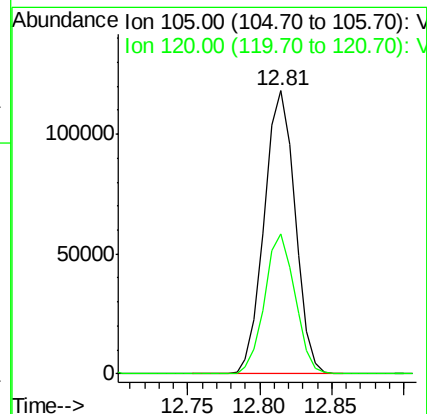
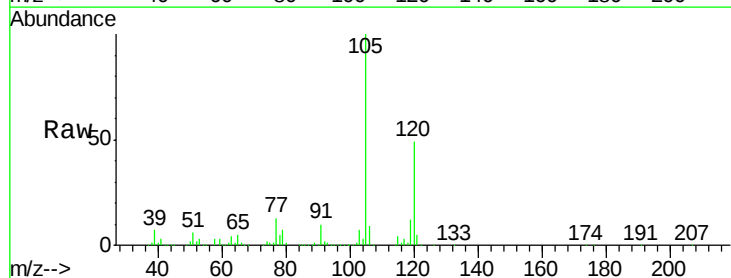
Acq: 24 Feb 2020 12:55

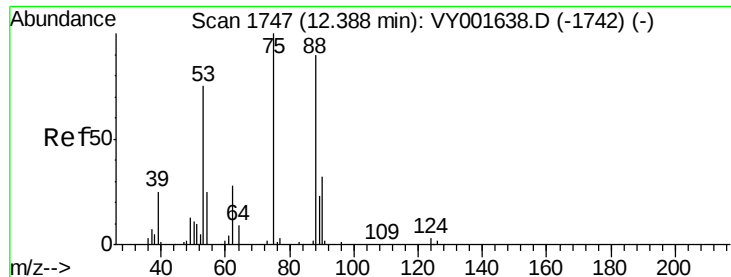
Tgt Ion: 105 Resp: 175076

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.84 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

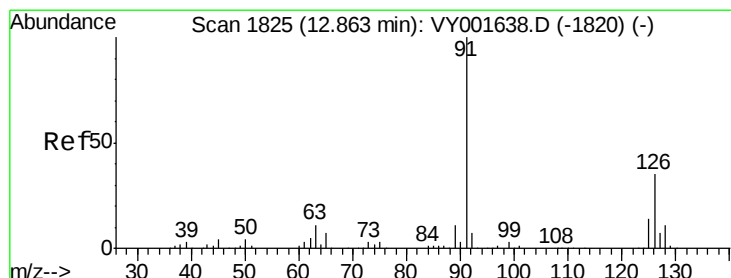
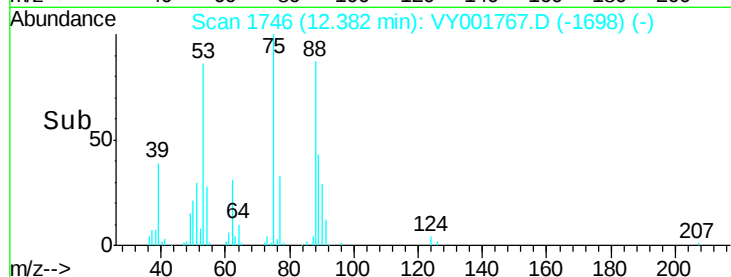
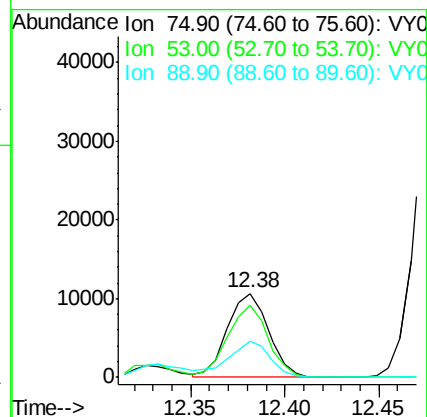
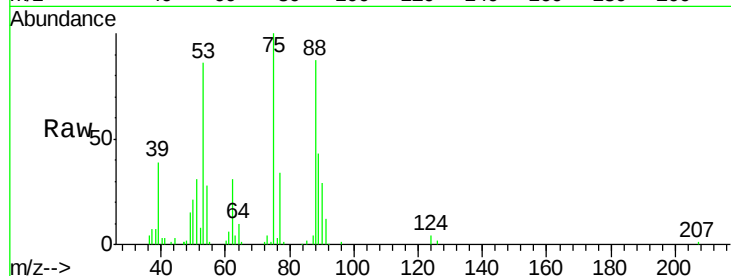
Tgt Ion: 75 Resp: 16241

Ion Ratio Lower Upper

75 100

53 84.4 64.5 96.7

89 43.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.19 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001767.D

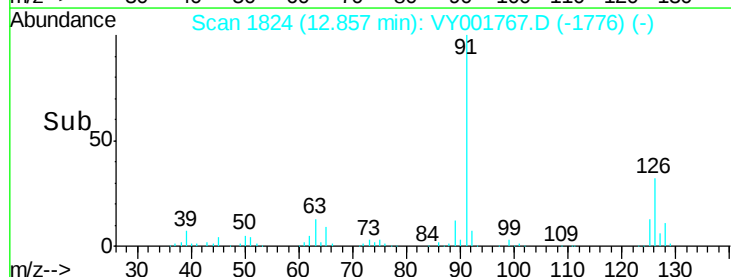
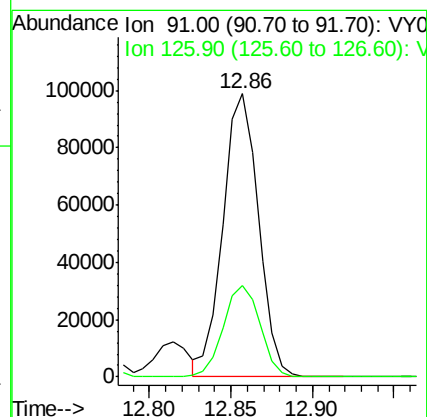
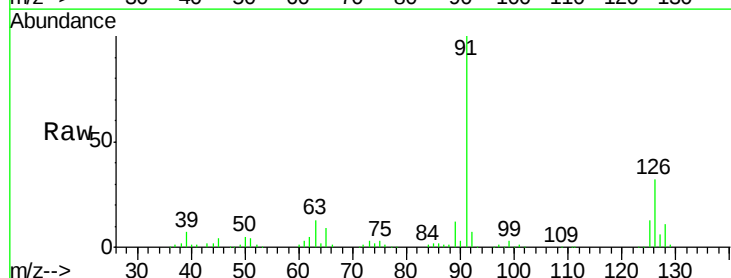
Acq: 24 Feb 2020 12:55

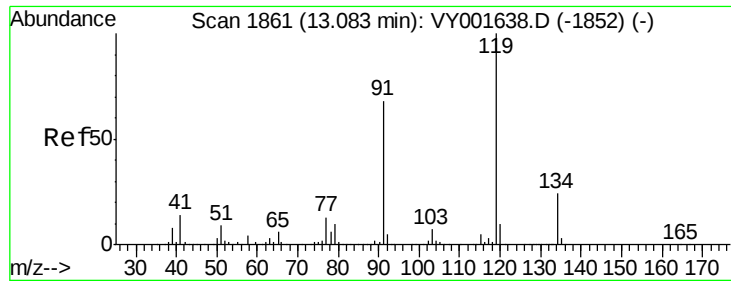
Tgt Ion: 91 Resp: 150192

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6

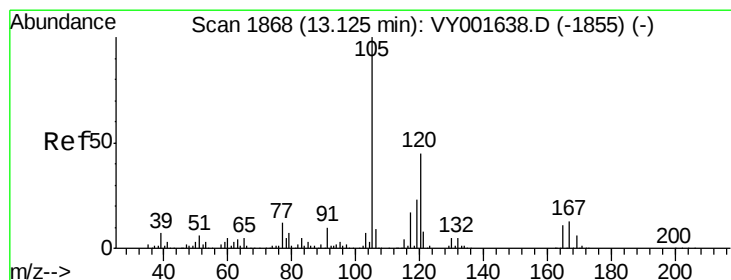
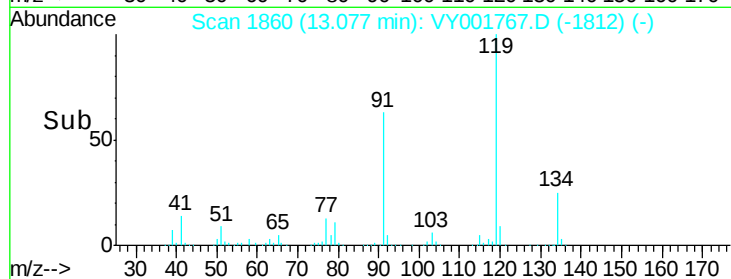
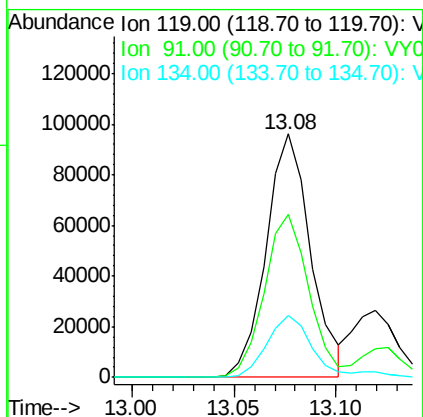
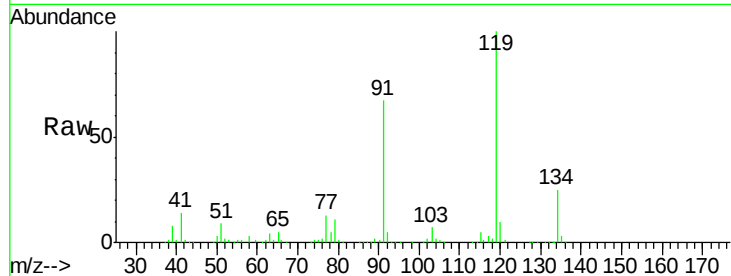




#83
 tert-Butylbenzene
 Concen: 19.43 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

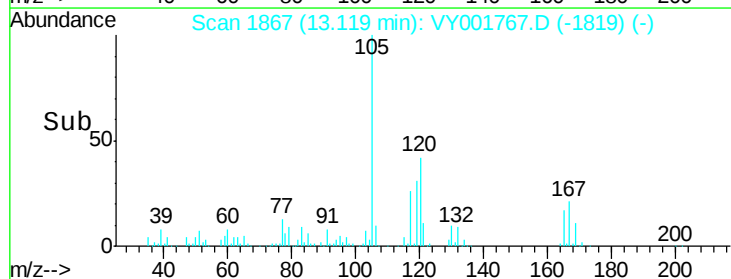
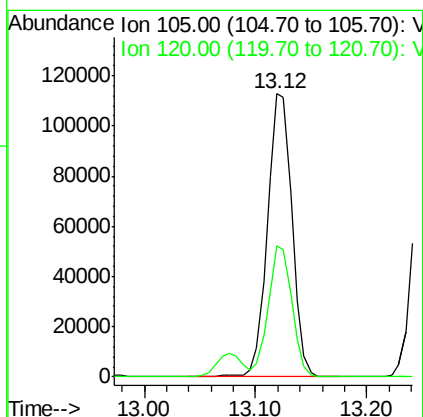
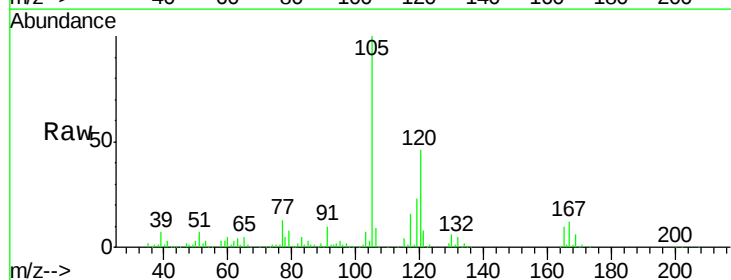
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

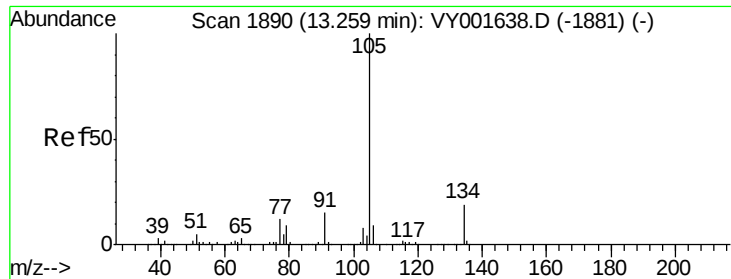
Tgt Ion:119 Resp: 146090
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.5 100.5
 134 26.8 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.34 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:105 Resp: 173404
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3

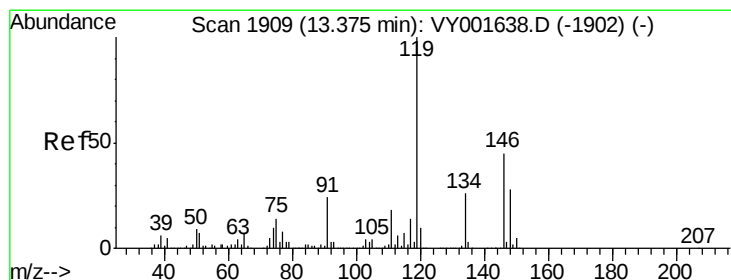
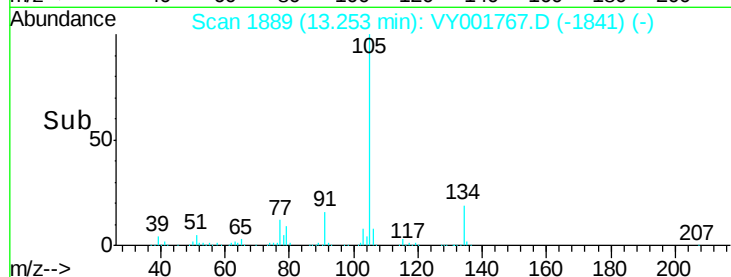
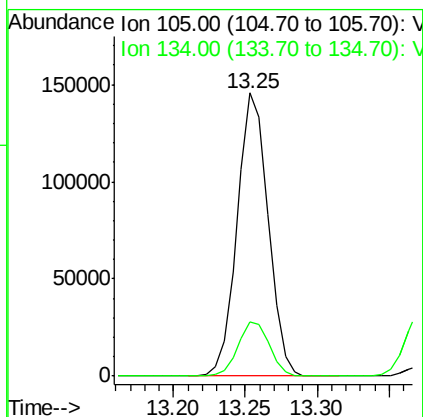
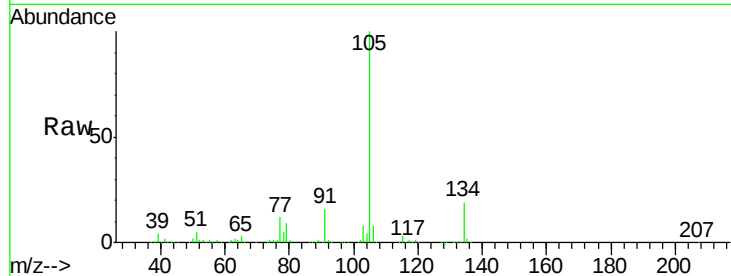




#85
 sec-Butylbenzene
 Concen: 19.66 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

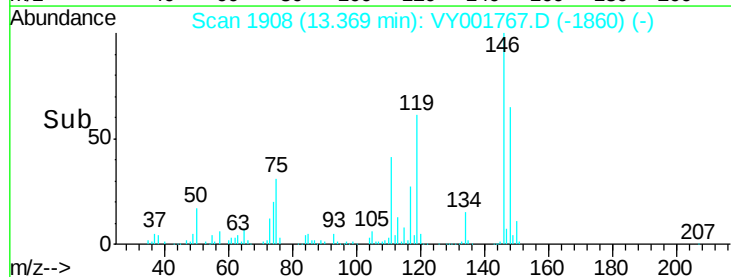
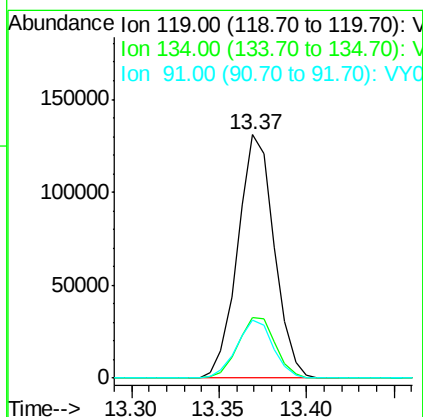
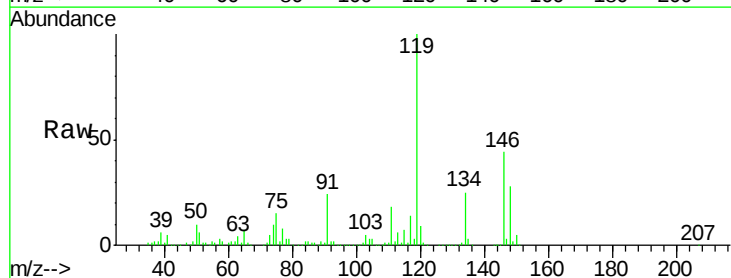
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

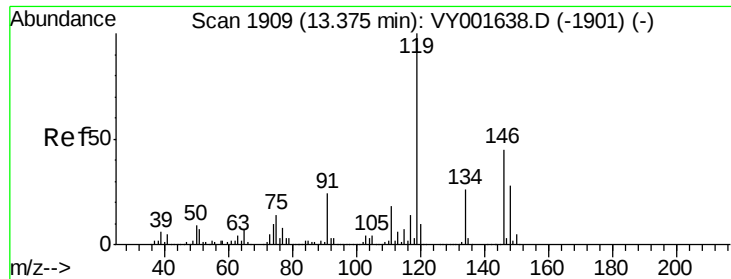
Tgt Ion:105 Resp: 217432
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.71 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:119 Resp: 189410
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 23.9 12.2 36.6

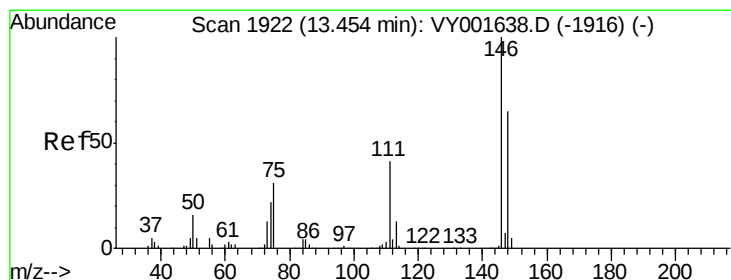
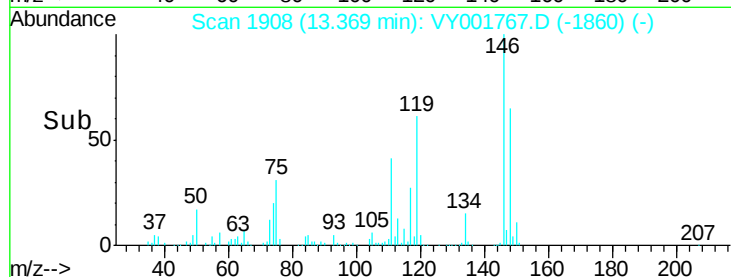
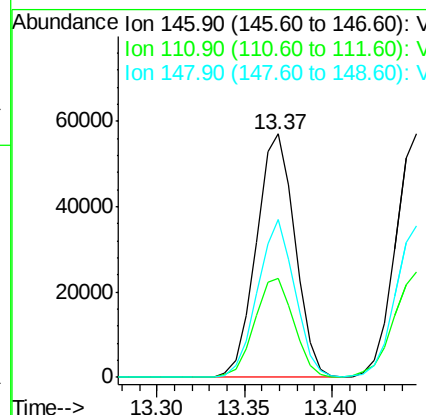
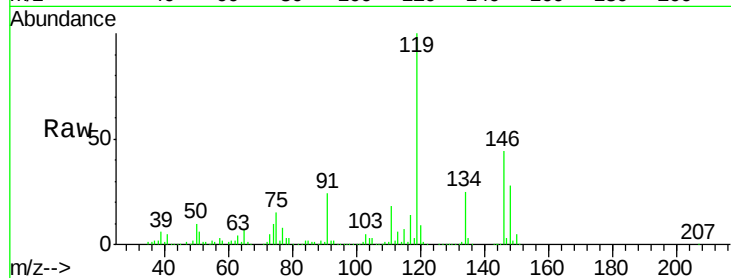




#87
 1,3-Dichlorobenzene
 Concen: 19.22 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

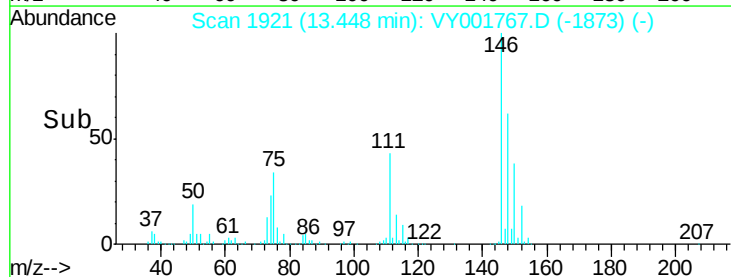
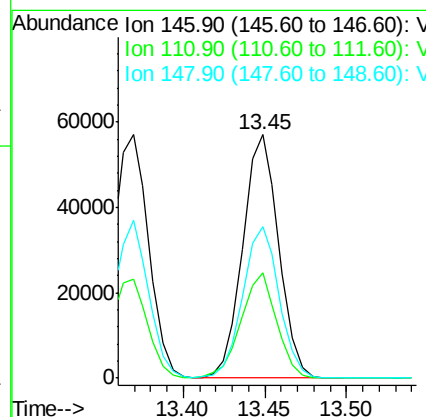
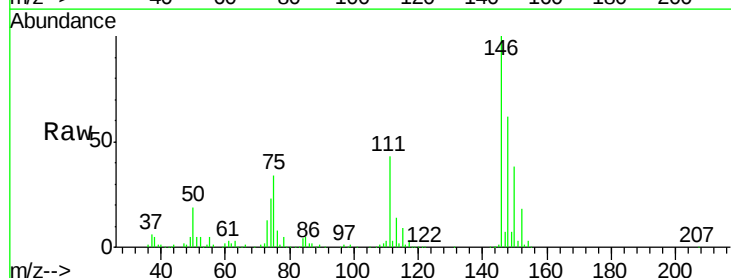
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

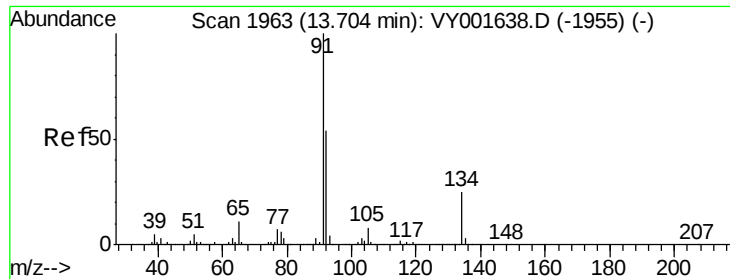
Tgt Ion:146 Resp: 87778
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.4 64.3
 148 62.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.89 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:146 Resp: 87201
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.4 61.3
 148 63.2 31.6 94.7





#89

n-Butylbenzene

Concen: 19.79 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

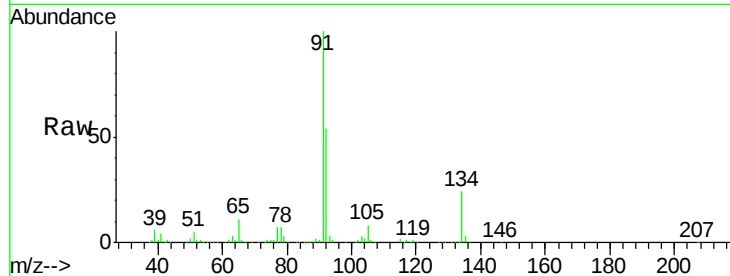
Tgt Ion: 91 Resp: 194332

Ion Ratio Lower Upper

91 100

92 53.7 27.5 82.4

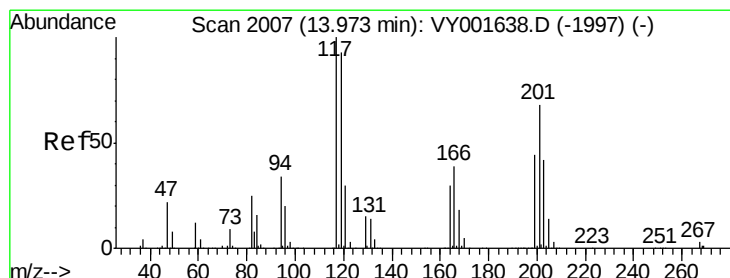
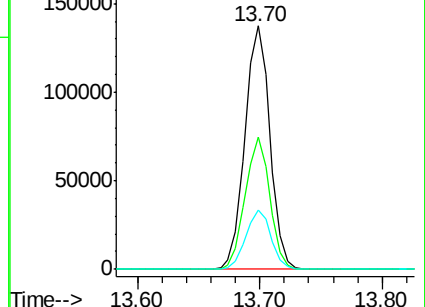
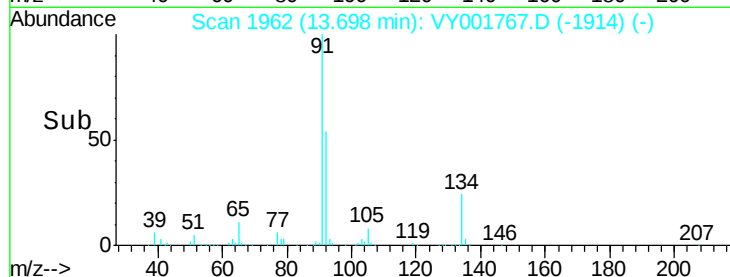
134 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001638.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001638.D (-1955) (-)



#90

Hexachloroethane

Concen: 18.83 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY001767.D

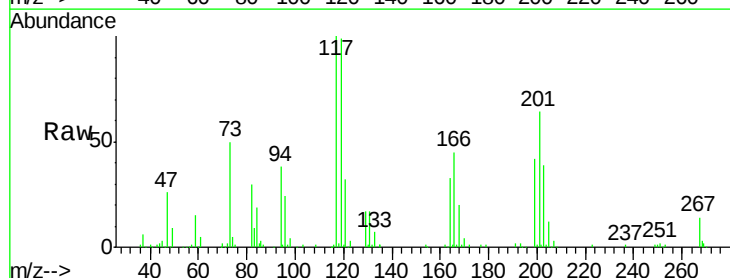
Acq: 24 Feb 2020 12:55

Tgt Ion: 117 Resp: 34097

Ion Ratio Lower Upper

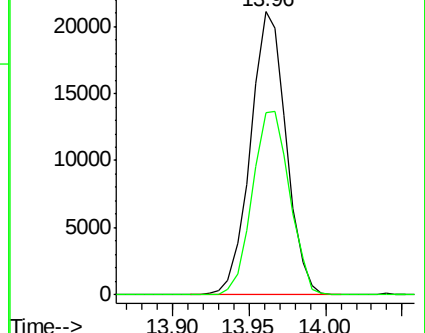
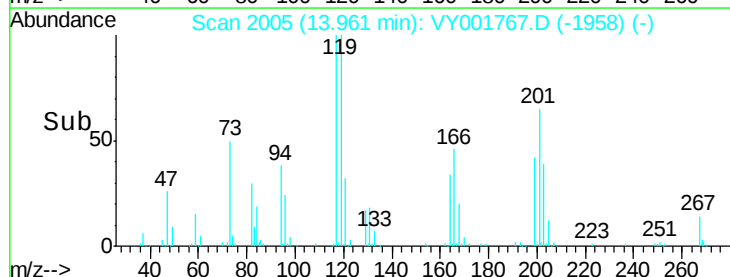
117 100

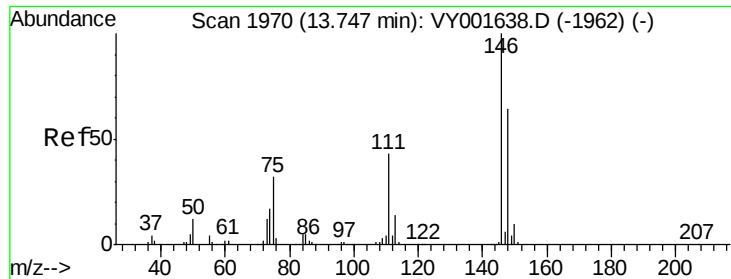
201 67.9 32.5 97.4



Abundance Ion 116.80 (116.50 to 117.50): VY001638.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY001638.D (-1997) (-)

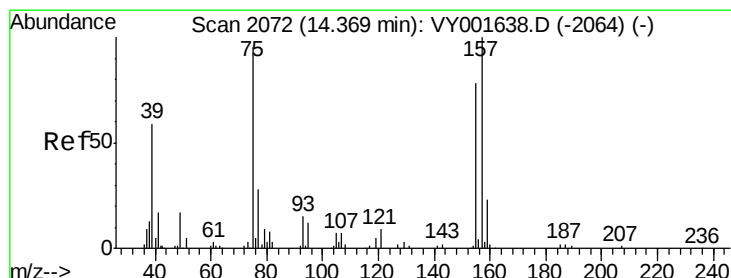
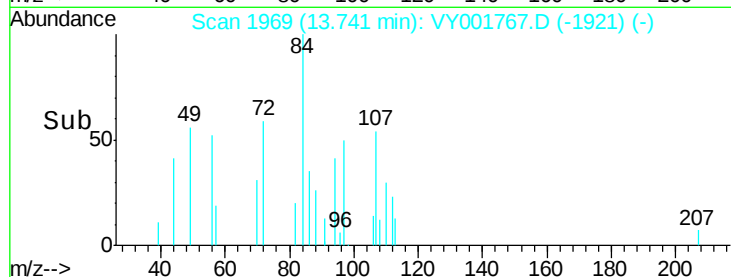
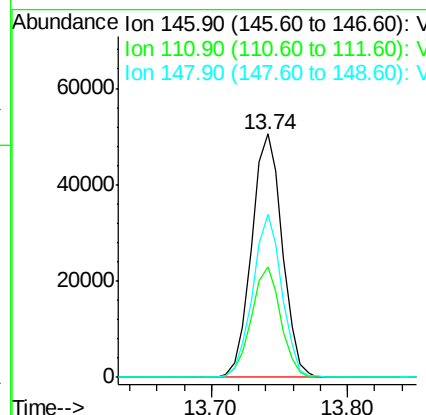
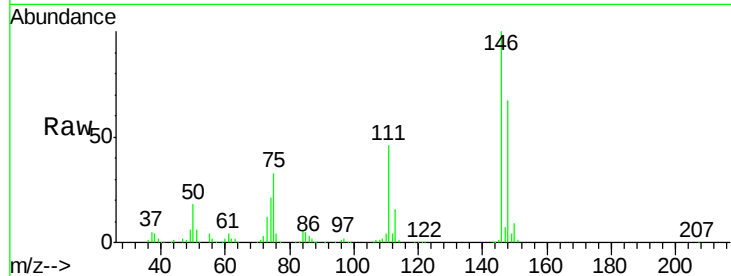




#91
 1,2-Dichlorobenzene
 Concen: 18.95 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

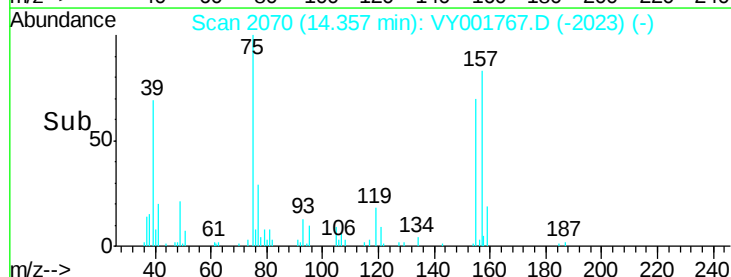
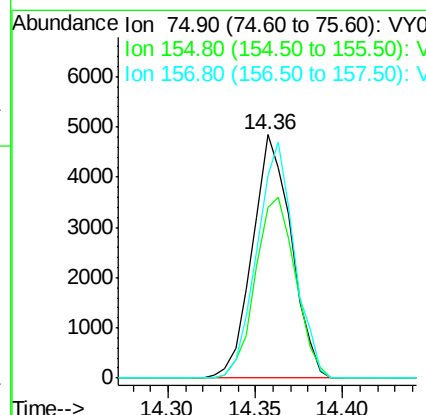
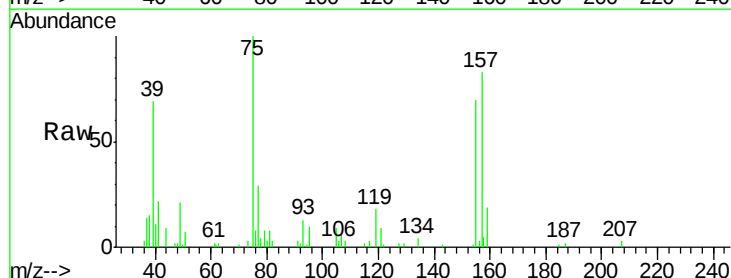
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

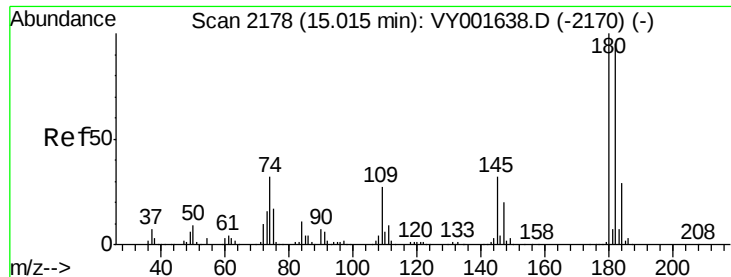
Tgt Ion: 146 Resp: 79884
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.7
 148 63.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.55 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 75 Resp: 7485
 Ion Ratio Lower Upper
 75 100
 155 76.6 40.8 122.4
 157 93.1 52.1 156.4

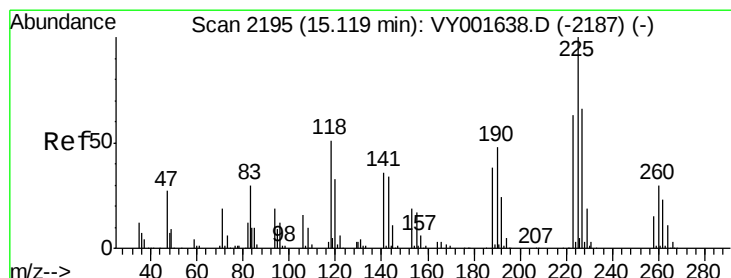
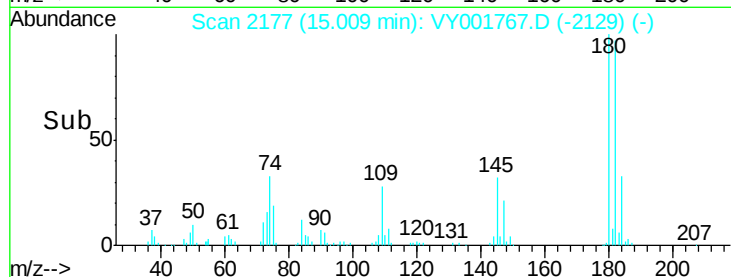
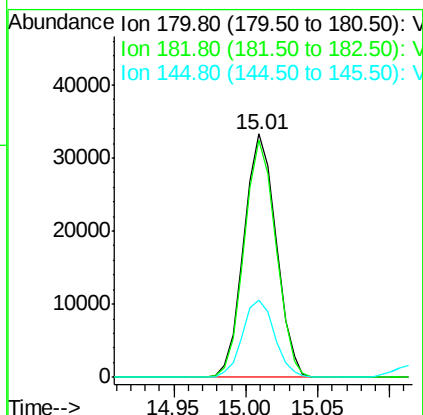
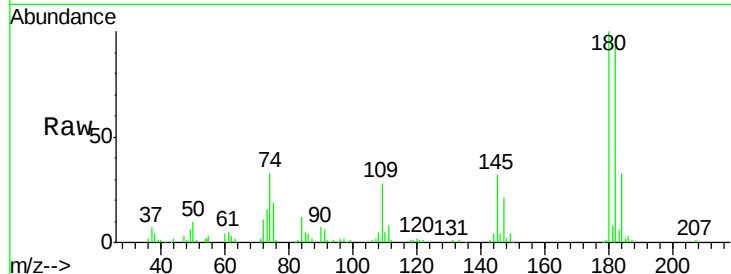




#93
 1,2,4-Trichlorobenzene
 Concen: 18.50 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

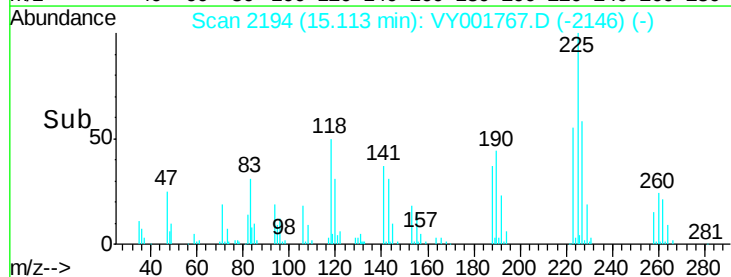
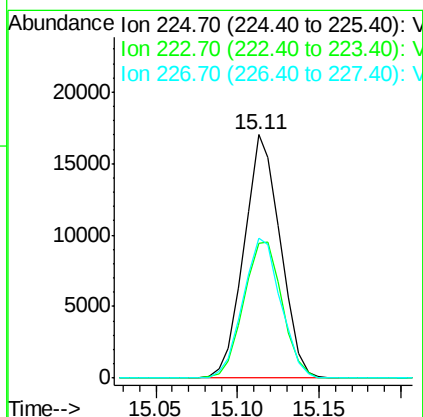
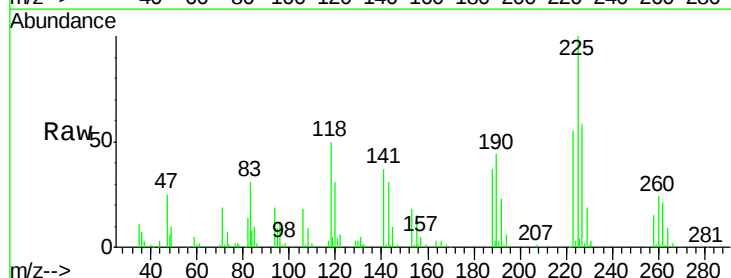
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

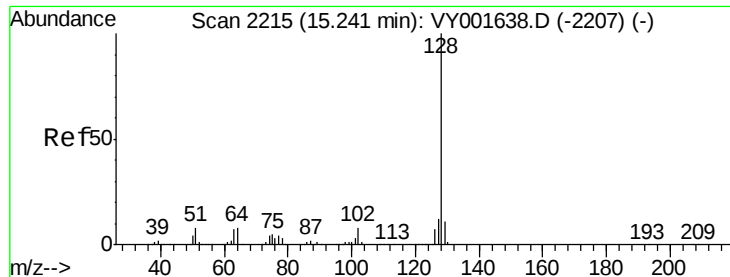
Tgt Ion:180 Resp: 51661
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.8 140.3
 145 31.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 18.94 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion:225 Resp: 26309
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.4 94.0
 227 59.9 31.6 94.8

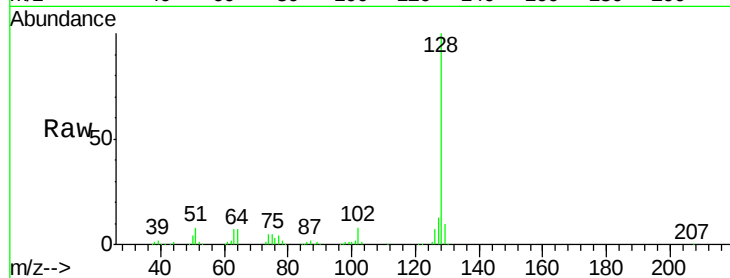




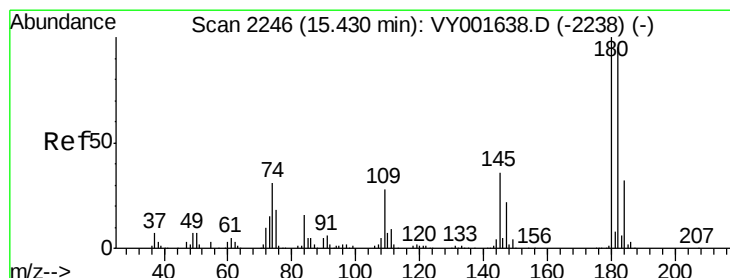
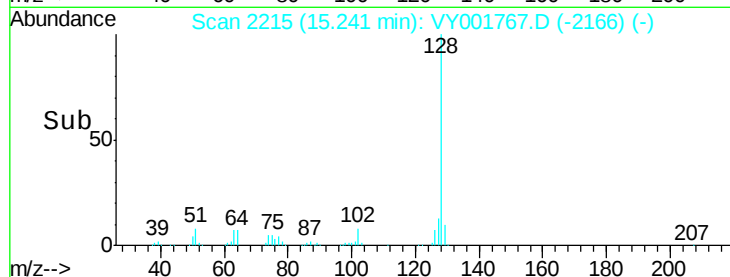
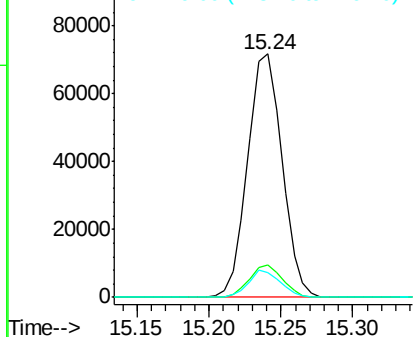
#95
Naphthalene
Concen: 18.44 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.9	14.9
129	10.4	8.6	13.0

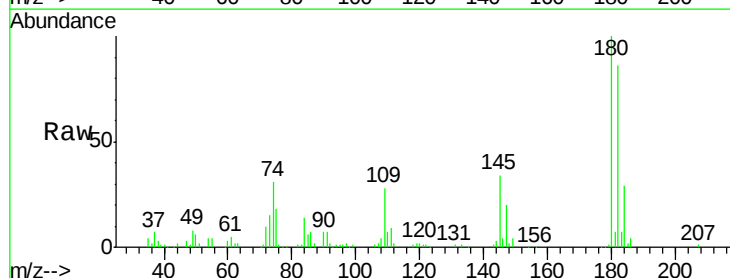


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.86 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.2	141.6
145	33.2	17.3	52.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

