

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
 Data File : VY001775.D
 Acq On : 26 Feb 2020 11:24
 Operator : SY/MD
 Sample : VY0226SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Quant Time: Feb 26 15:30:55 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	7.81	168	182423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	136987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	102882	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	7.74	113	94366	50.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.19	98	398338	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
62) 4-Bromofluorobenzene	12.49	95	142793	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	30246	17.01	ug/l	99
3) Chloromethane	2.12	50	42889	17.93	ug/l	98
4) Vinyl Chloride	2.26	62	44199	18.32	ug/l	98
5) Bromomethane	2.66	94	29800	19.76	ug/l	96
6) Chloroethane	2.80	64	27830	18.72	ug/l	97
7) Trichlorofluoromethane	3.14	101	60385	19.56	ug/l	100
8) Diethyl Ether	3.55	74	24852	20.42	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38934	20.06	ug/l	99
10) Methyl Iodide	4.11	142	41869	17.63	ug/l	99
11) Tert butyl alcohol	4.97	59	30469	120.96	ug/l #	92
12) 1,1-Dichloroethene	3.90	96	38885	19.65	ug/l	94
13) Acrolein	3.75	56	16320	82.35	ug/l	96
14) Allyl chloride	4.51	41	70056	19.89	ug/l	100
15) Acrylonitrile	5.19	53	63356	101.55	ug/l	98
16) Acetone	3.97	43	57129	84.14	ug/l	96
17) Carbon Disulfide	4.21	76	121278	18.35	ug/l	99
18) Methyl Acetate	4.51	43	32204	21.78	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	108321	19.66	ug/l	99
20) Methylene Chloride	4.74	84	49930	20.70	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	44694	19.79	ug/l	99
22) Diisopropyl ether	6.14	45	144806	20.02	ug/l	98
23) Vinyl Acetate	6.09	43	453979	96.21	ug/l	98
24) 1,1-Dichloroethane	6.04	63	78257	20.24	ug/l	98
25) 2-Butanone	7.01	43	85360	92.55	ug/l	98
26) 2,2-Dichloropropane	7.00	77	65703	19.53	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	49024	19.67	ug/l	99
28) Bromochloromethane	7.36	49	31559	19.59	ug/l	97
29) Tetrahydrofuran	7.37	42	55345	99.28	ug/l	98
30) Chloroform	7.53	83	74538	19.73	ug/l	99
31) Cyclohexane	7.80	56	80306	19.48	ug/l #	88
32) 1,1,1-Trichloroethane	7.72	97	62656	19.73	ug/l	98
36) 1,1-Dichloropropene	7.94	75	60988	19.55	ug/l	99
37) Ethyl Acetate	7.10	43	36269	19.48	ug/l	99
38) Carbon Tetrachloride	7.92	117	53759	19.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	79420	19.19	ug/l	98
40) Benzene	8.18	78	180774	19.71	ug/l	99
41) Methacrylonitrile	7.36	41	49230	52.67	ug/l #	31
42) 1,2-Dichloroethane	8.25	62	47362	18.95	ug/l	99
43) Isopropyl Acetate	8.29	43	67878	19.22	ug/l	99
44) Trichloroethene	8.96	130	44471	19.42	ug/l	95
45) 1,2-Dichloropropane	9.23	63	46729	20.34	ug/l	93
46) Dibromomethane	9.32	93	23315	19.40	ug/l	99
47) Bromodichloromethane	9.51	83	57121	19.70	ug/l	98
48) Methyl methacrylate	9.30	41	31123	19.48	ug/l	98
49) 1,4-Dioxane	9.31	88	6799	400.62	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	177442	97.78	ug/l	99
52) Toluene	10.25	92	112046	19.58	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61627	19.22	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	71876	19.48	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	35539	20.06	ug/l	95
56) Ethyl methacrylate	10.52	69	50749	19.09	ug/l	97
57) 1,3-Dichloropropane	10.80	76	63149	20.06	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	127394	117.30	ug/l	99
59) 2-Hexanone	10.84	43	126138	92.64	ug/l	100
60) Dibromochloromethane	10.99	129	37559	19.23	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33722	20.13	ug/l	99
64) Tetrachloroethene	10.73	164	36598	19.93	ug/l	96
65) Chlorobenzene	11.52	112	113973	19.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	38569	19.57	ug/l	98
67) Ethyl Benzene	11.60	91	216154	19.94	ug/l	99
68) m/p-Xylenes	11.70	106	160427	39.62	ug/l	98
69) o-Xylene	12.03	106	74971	19.48	ug/l	99
70) Styrene	12.05	104	130417	19.49	ug/l	99
71) Bromoform	12.21	173	21349	18.96	ug/l #	96
73) Isopropylbenzene	12.33	105	205498	19.69	ug/l	98
74) N-amyl acetate	12.15	43	63395	19.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	44619	20.02	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	57037	36.30	ug/l #	100
77) Bromobenzene	12.61	156	44404	19.63	ug/l	95
78) n-propylbenzene	12.67	91	253140	19.92	ug/l	100
79) 2-Chlorotoluene	12.76	91	140181	19.66	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	171549	19.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	15762	19.03	ug/l	96
82) 4-Chlorotoluene	12.86	91	149454	19.88	ug/l	99
83) tert-Butylbenzene	13.08	119	143719	19.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	168509	19.57	ug/l	100
85) sec-Butylbenzene	13.26	105	212409	19.99	ug/l	100
86) p-Isopropyltoluene	13.38	119	185362	20.08	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87693	19.99	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87443	19.72	ug/l	99
89) n-Butylbenzene	13.70	91	189770	20.12	ug/l	99
90) Hexachloroethane	13.97	117	33567	19.30	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	79387	19.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7185	19.54	ug/l	98

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QLast Update : Mon Feb 17 12:19:53 2020
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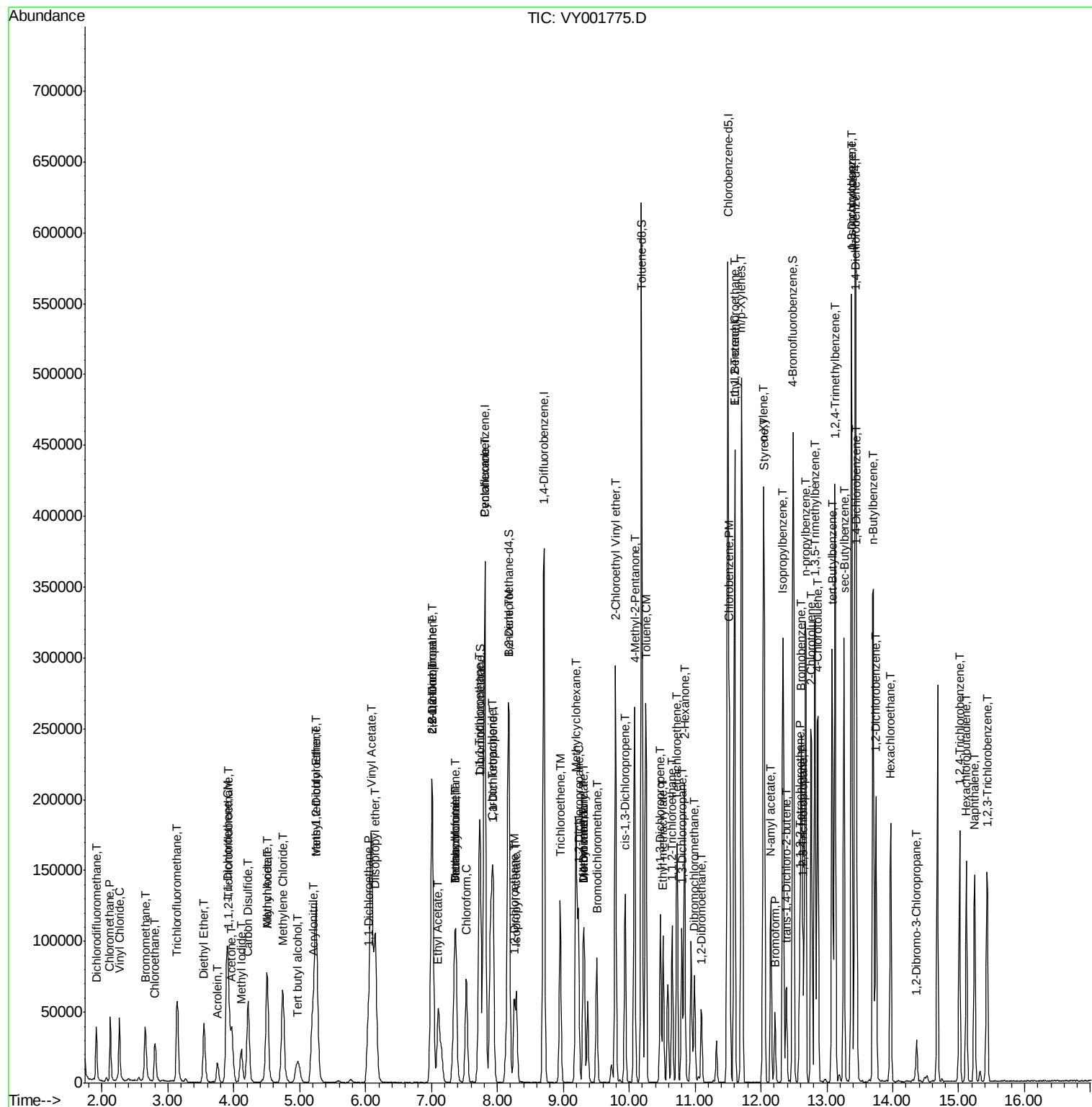
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	51818	19.31	ug/l	98
94) Hexachlorobutadiene	15.12	225	25844	19.37	ug/l	99
95) Naphthalene	15.24	128	118783	19.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	46584	19.73	ug/l	97

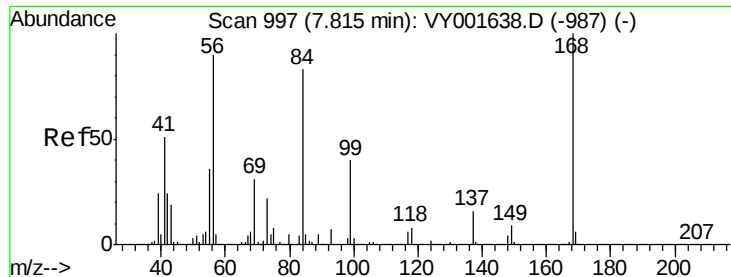
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

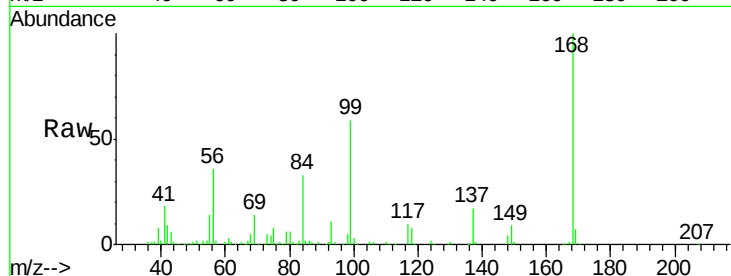
VY0226SBS01

Tgt Ion:168 Resp: 182423

Ion Ratio Lower Upper

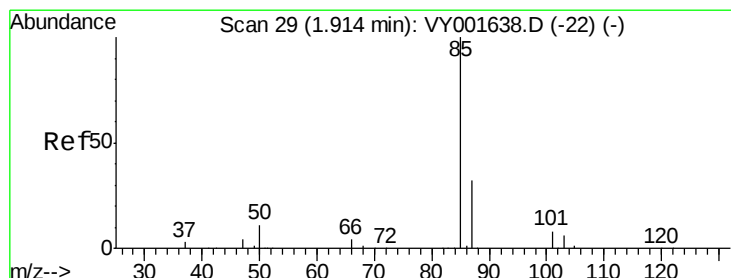
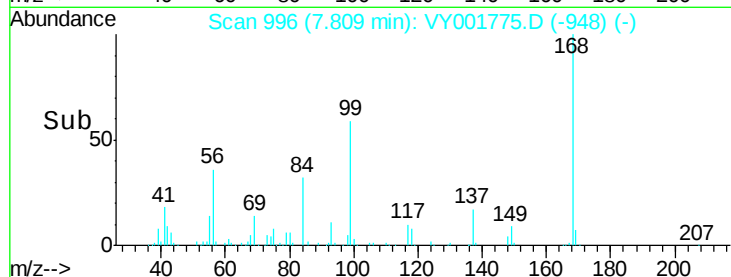
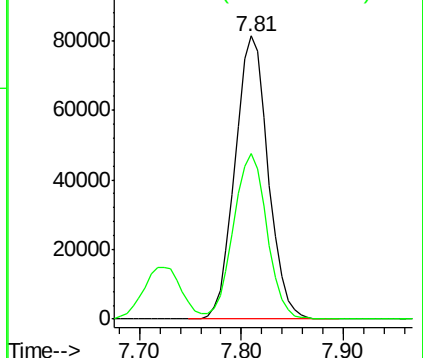
168 100

99 58.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 17.01 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001775.D

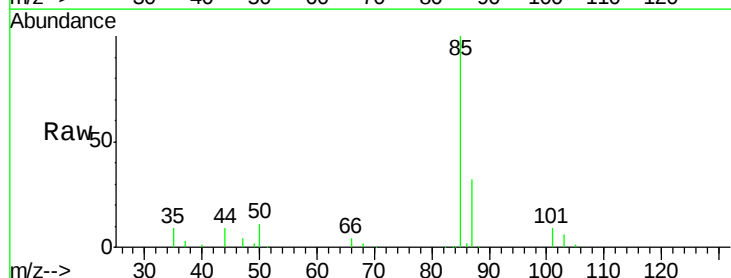
Acq: 26 Feb 2020 11:24

Tgt Ion: 85 Resp: 30246

Ion Ratio Lower Upper

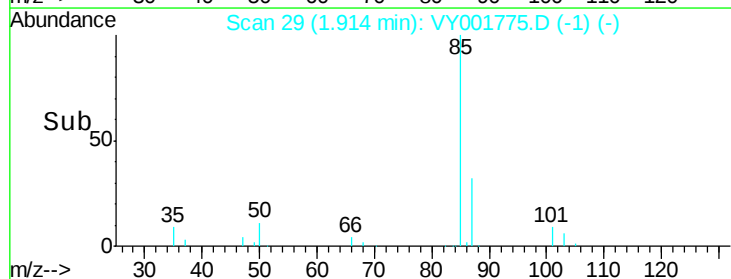
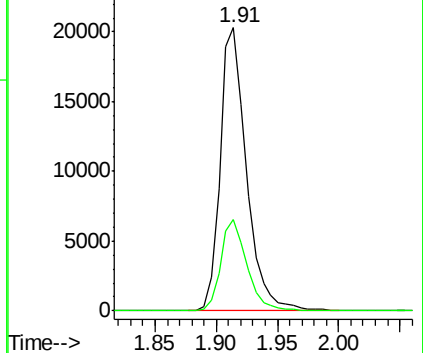
85 100

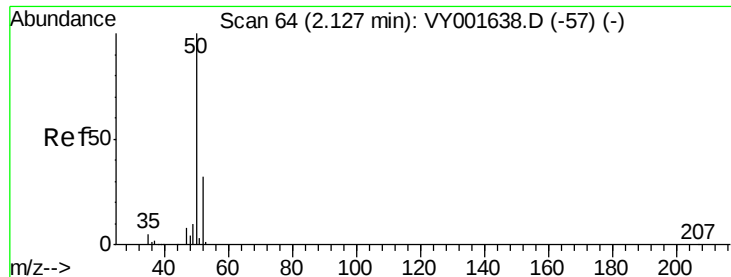
87 32.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

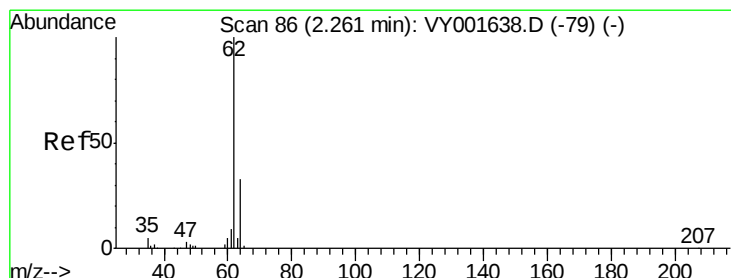
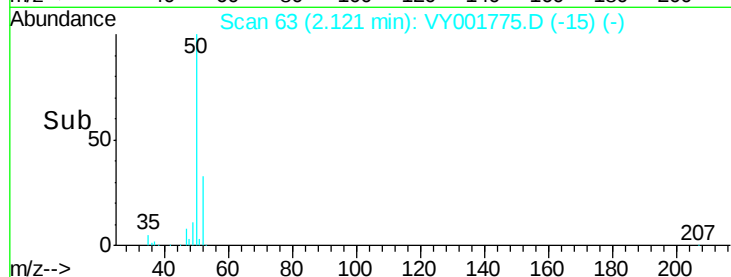
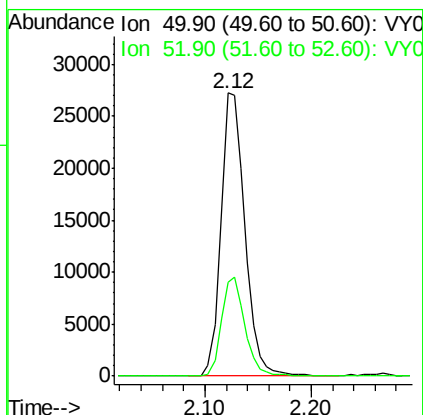
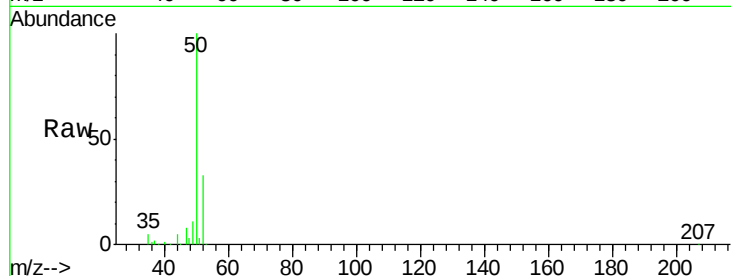




#3
Chloromethane
Concen: 17.93 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

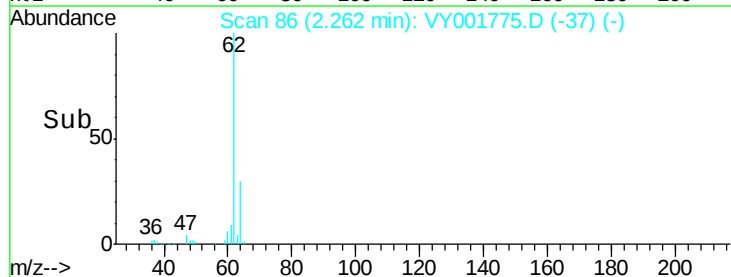
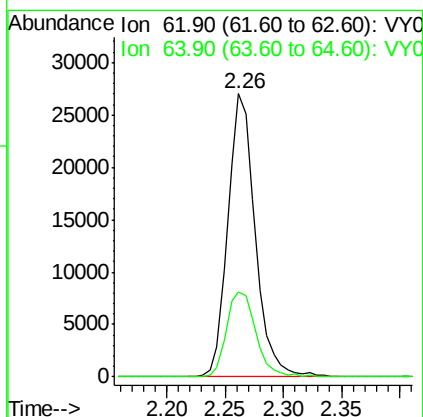
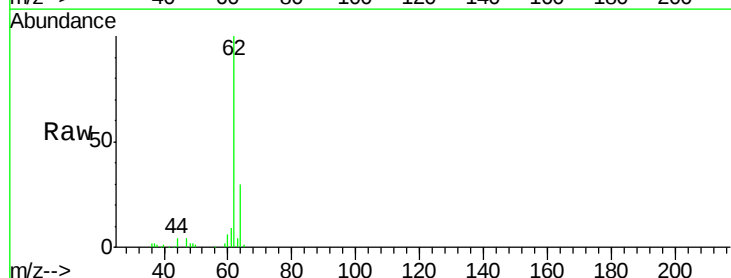
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

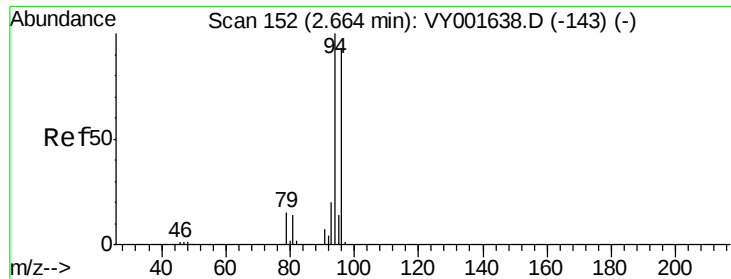
Tgt Ion: 50 Resp: 42889
Ion Ratio Lower Upper
50 100
52 33.3 25.8 38.6



#4
Vinyl Chloride
Concen: 18.32 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 62 Resp: 44199
Ion Ratio Lower Upper
62 100
64 30.0 24.9 37.3





#5

Bromomethane

Concen: 19.76 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

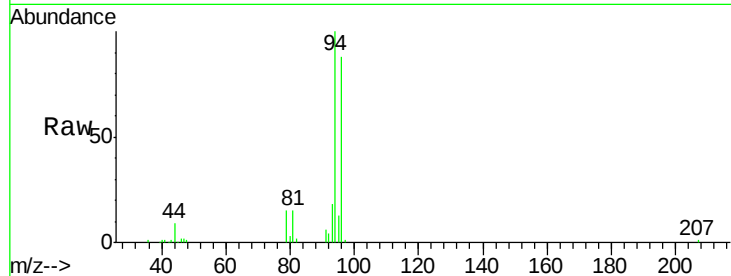
VY0226SBS01

Tgt Ion: 94 Resp: 29800

Ion Ratio Lower Upper

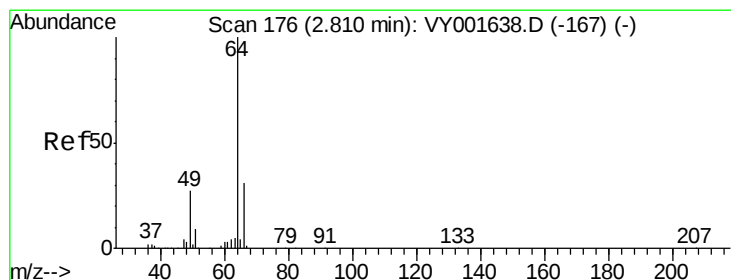
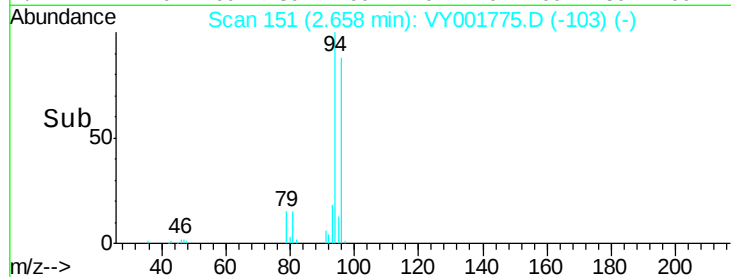
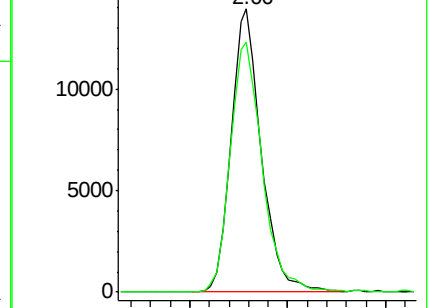
94 100

96 88.3 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.72 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001775.D

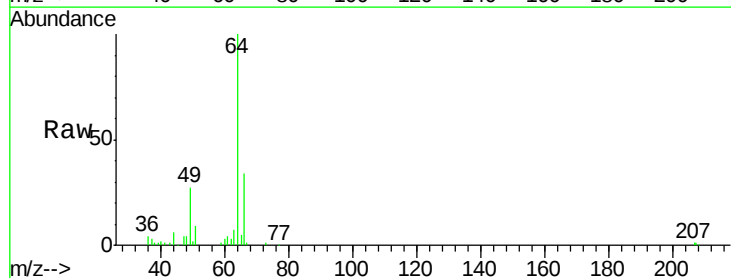
Acq: 26 Feb 2020 11:24

Tgt Ion: 64 Resp: 27830

Ion Ratio Lower Upper

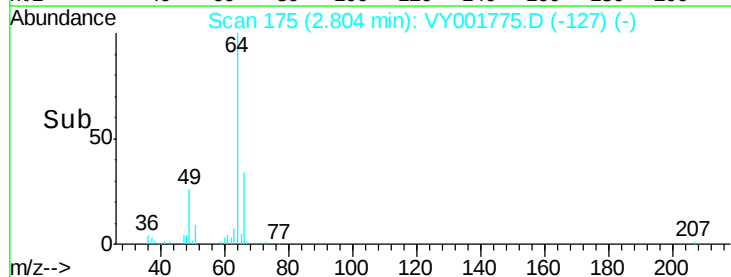
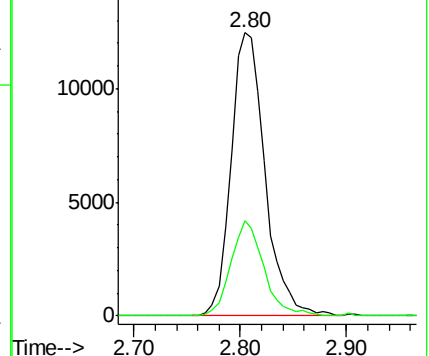
64 100

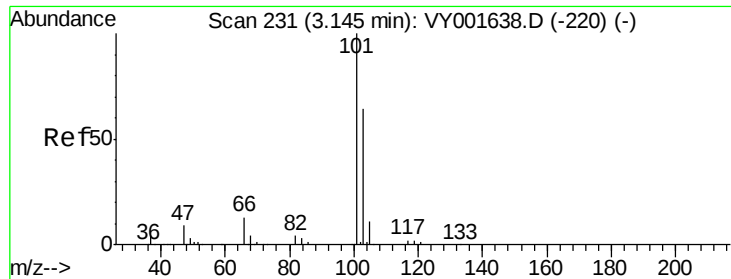
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



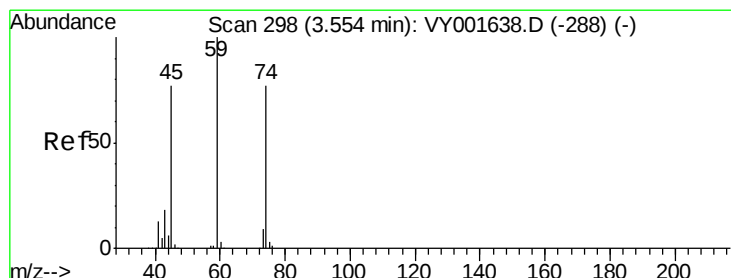
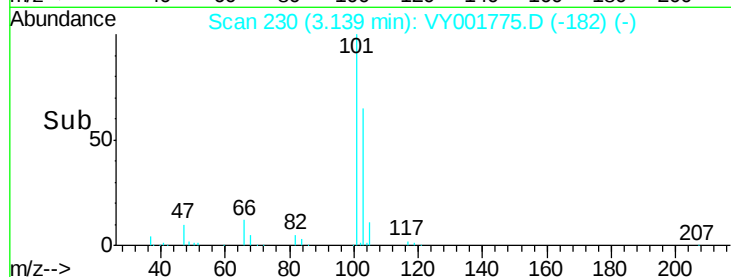
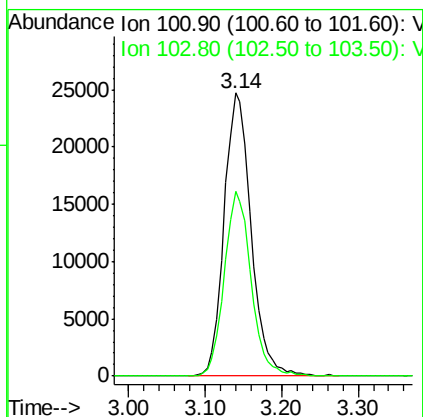
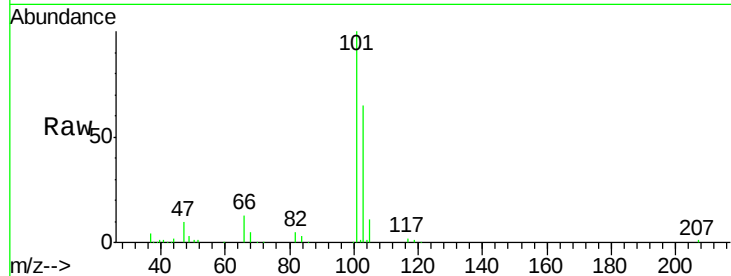


#7

Trichlorofluoromethane
 Concen: 19.56 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
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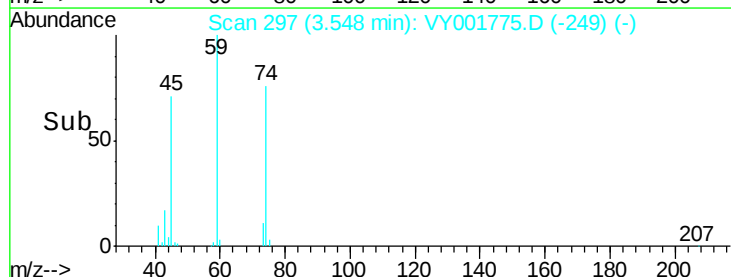
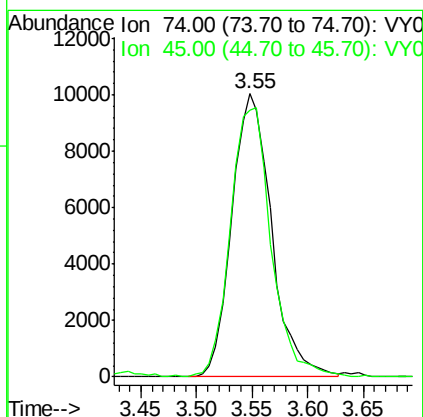
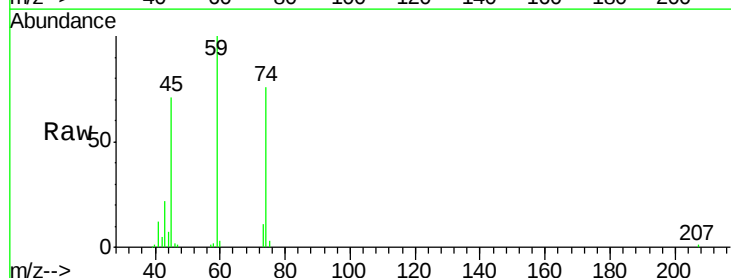
Tgt Ion:101 Resp: 60385
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2

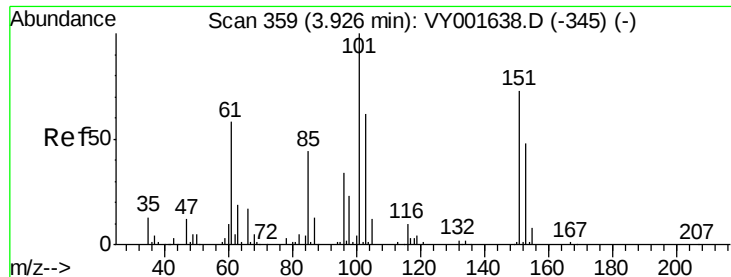


#8

Diethyl Ether
 Concen: 20.42 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 74 Resp: 24852
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.06 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

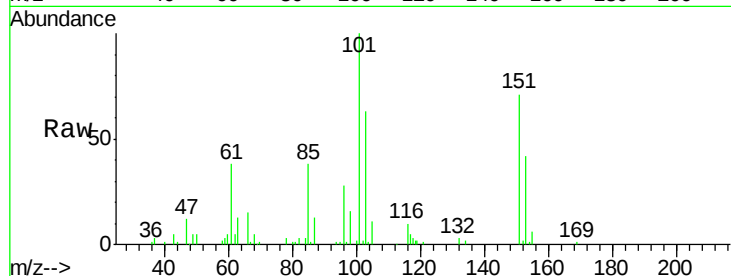
Tgt Ion:101 Resp: 38934

Ion Ratio Lower Upper

101 100

85 45.2 35.1 52.7

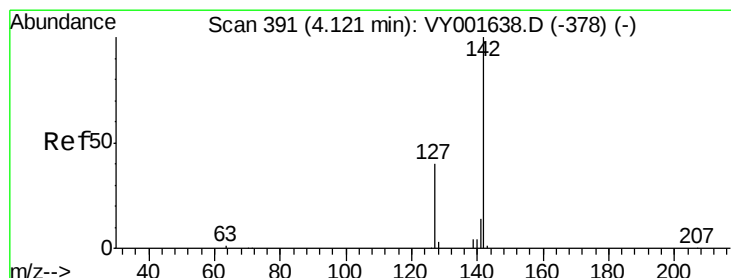
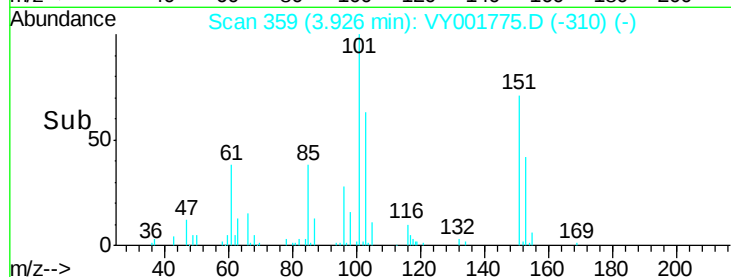
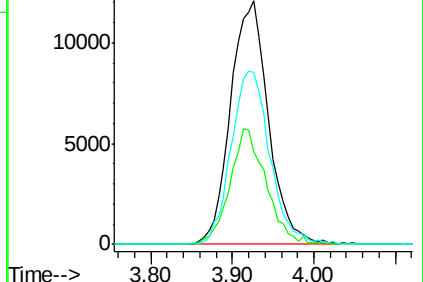
151 72.8 58.4 87.6



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: 17.63 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

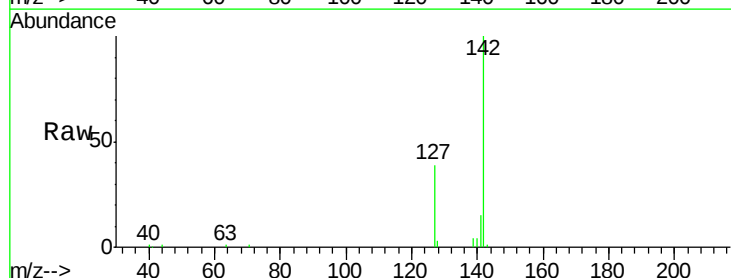
Tgt Ion:142 Resp: 41869

Ion Ratio Lower Upper

142 100

127 40.6 32.1 48.1

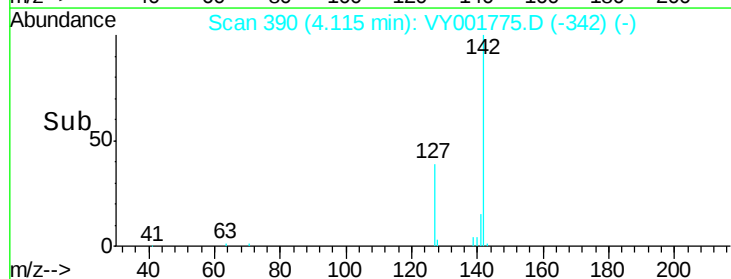
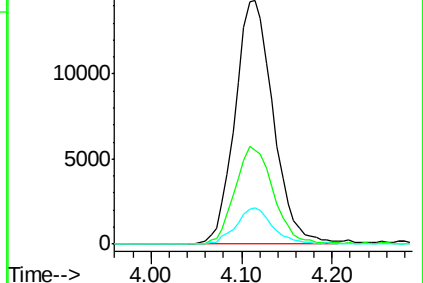
141 14.3 11.3 16.9

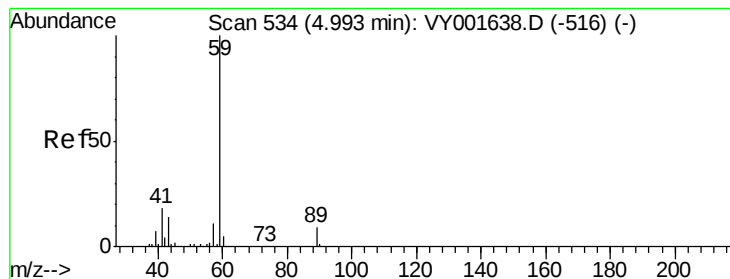


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



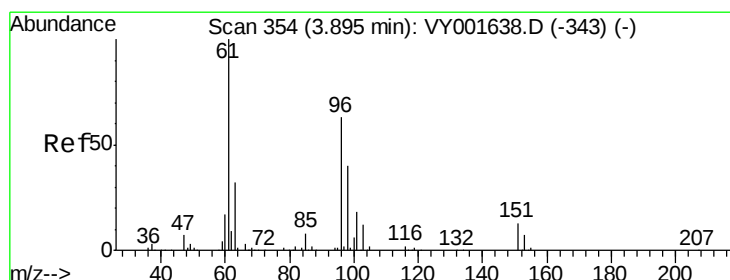
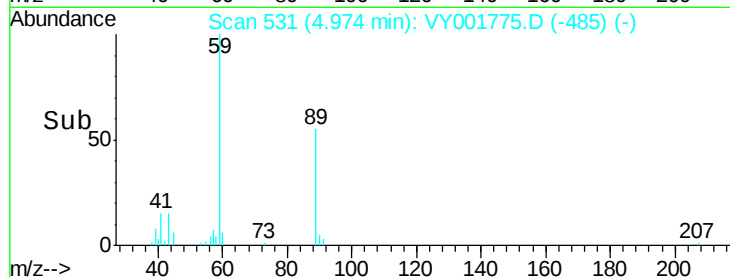
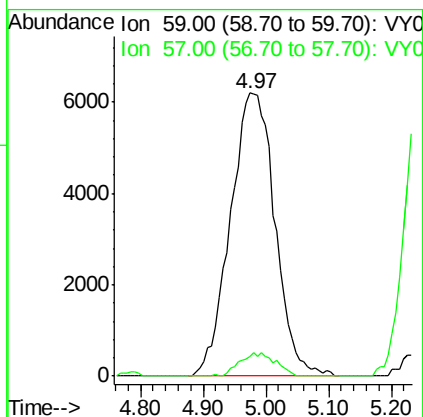
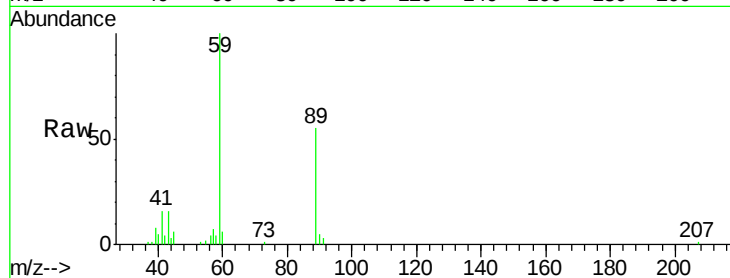


#11

Tert butyl alcohol
 Concen: 120.96 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

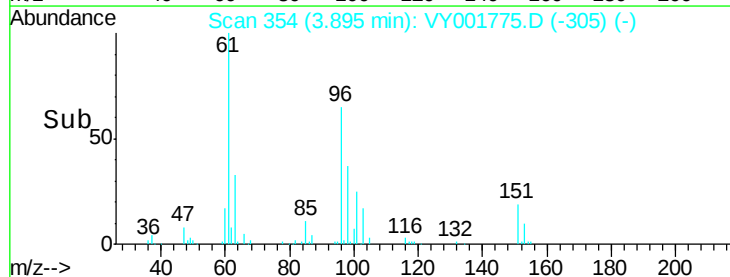
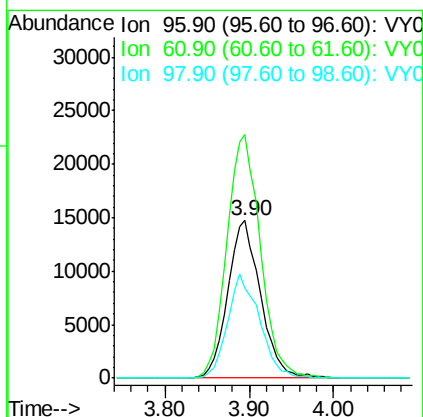
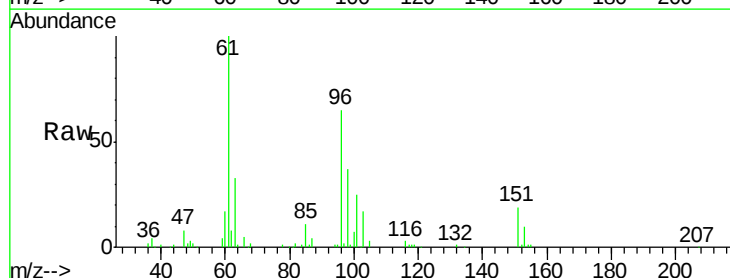
Tgt Ion: 59 Resp: 30469
 Ion Ratio Lower Upper
 59 100
 57 6.5 7.4 11.2#

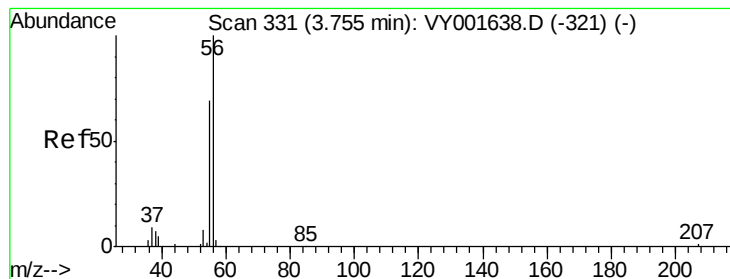


#12

1,1-Dichloroethene
 Concen: 19.65 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 96 Resp: 38885
 Ion Ratio Lower Upper
 96 100
 61 154.4 128.7 193.1
 98 56.7 50.7 76.1





#13

Acrolein

Concen: 82.35 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

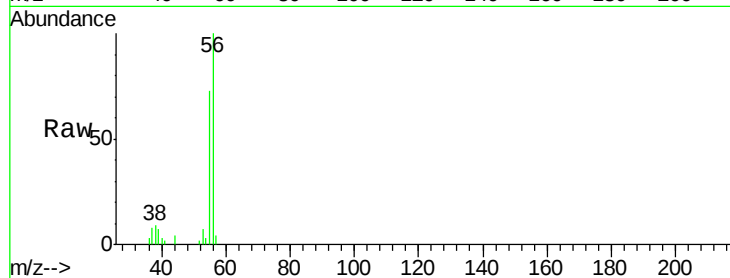
VY0226SBS01

Tgt Ion: 56 Resp: 16320

Ion Ratio Lower Upper

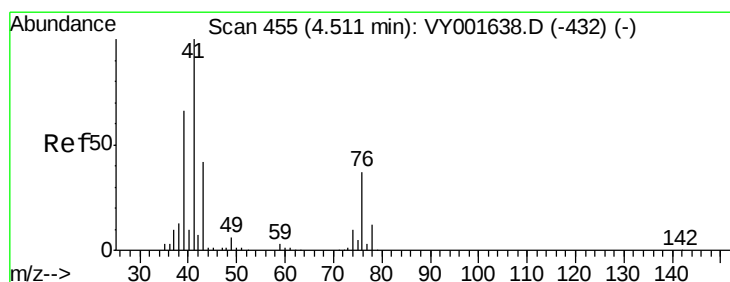
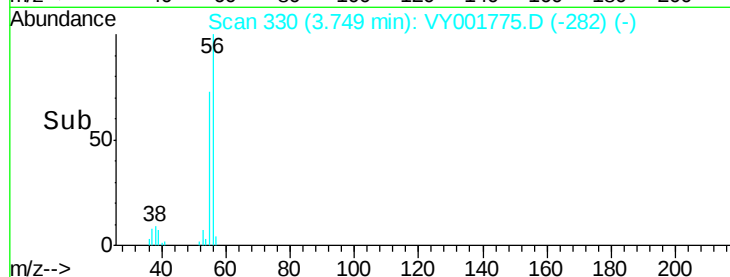
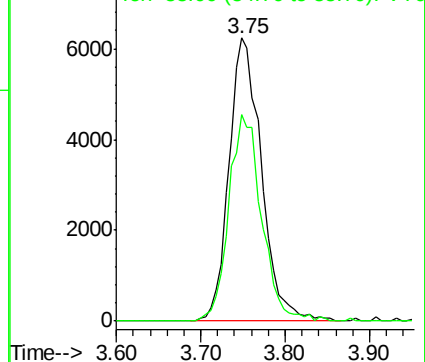
56 100

55 73.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.89 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

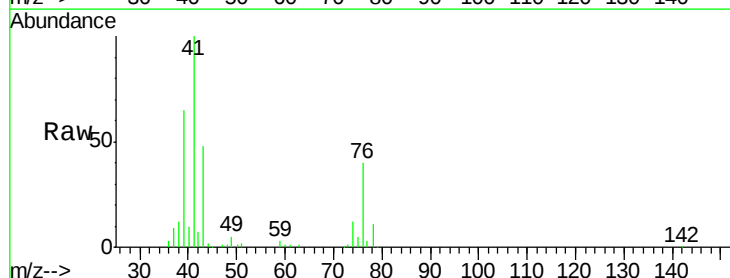
Tgt Ion: 41 Resp: 70056

Ion Ratio Lower Upper

41 100

39 61.7 49.4 74.0

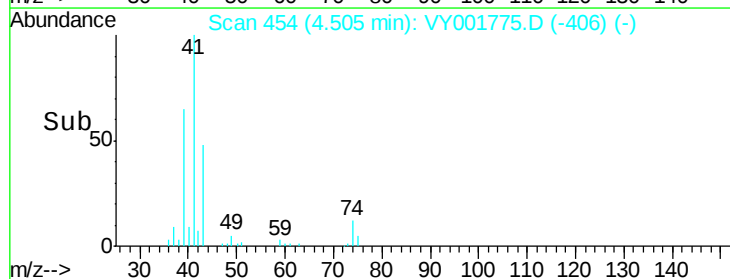
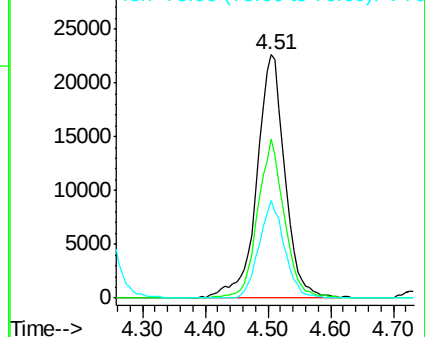
76 36.2 29.0 43.6

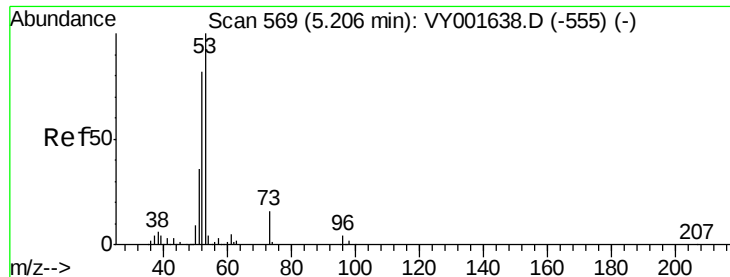


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 101.55 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

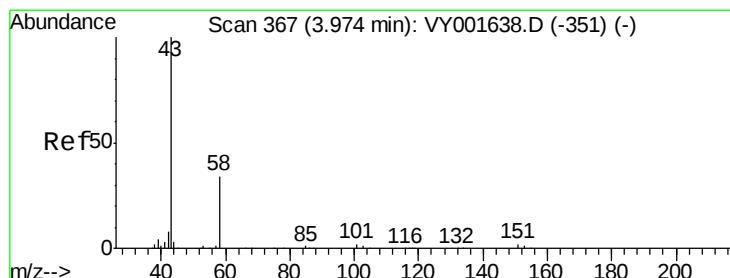
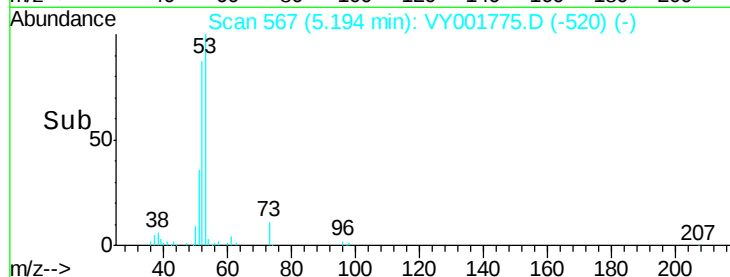
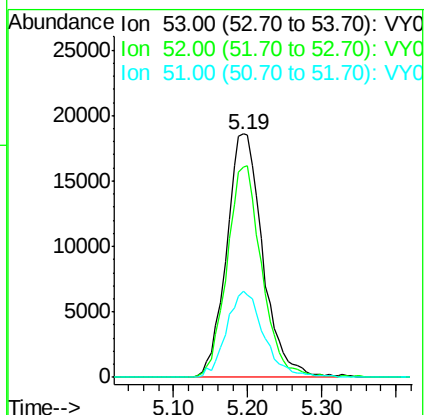
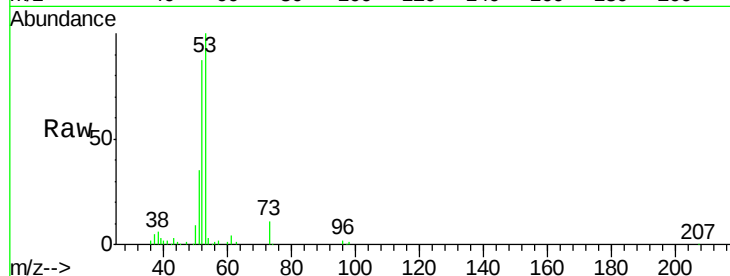
Tgt Ion: 53 Resp: 63356

Ion Ratio Lower Upper

53 100

52 83.5 65.4 98.0

51 36.5 28.0 42.0



#16

Acetone

Concen: 84.14 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001775.D

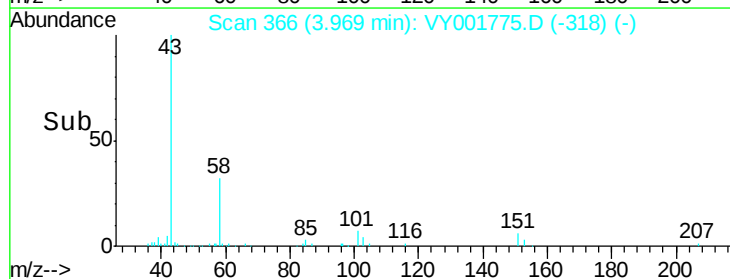
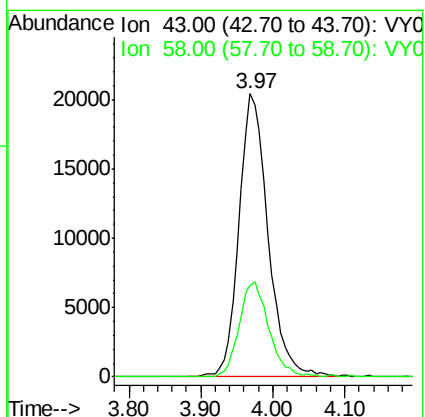
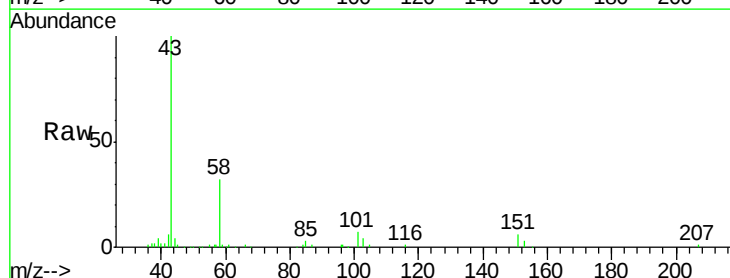
Acq: 26 Feb 2020 11:24

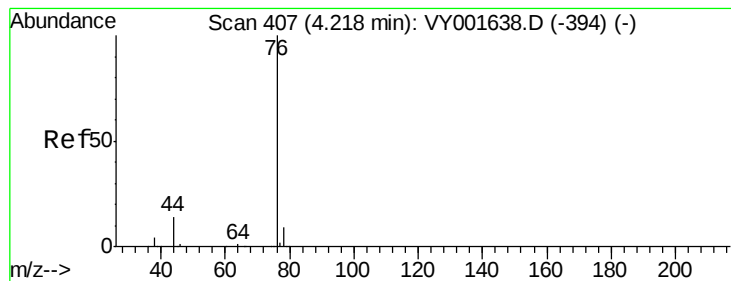
Tgt Ion: 43 Resp: 57129

Ion Ratio Lower Upper

43 100

58 32.1 27.3 40.9





#17

Carbon Disulfide

Concen: 18.35 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

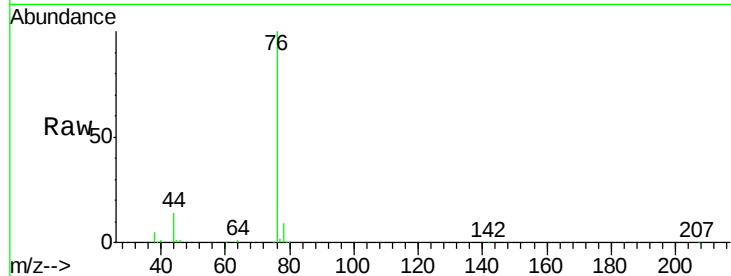
VY0226SBS01

Tgt Ion: 76 Resp: 121278

Ion Ratio Lower Upper

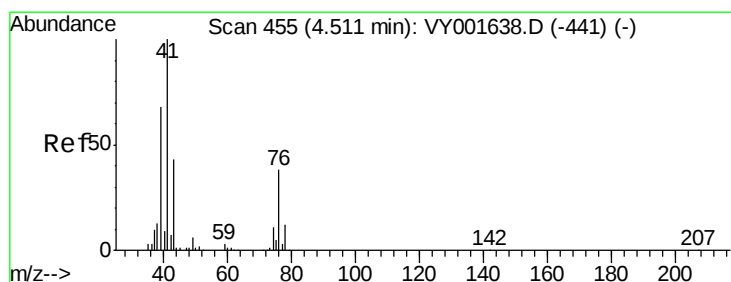
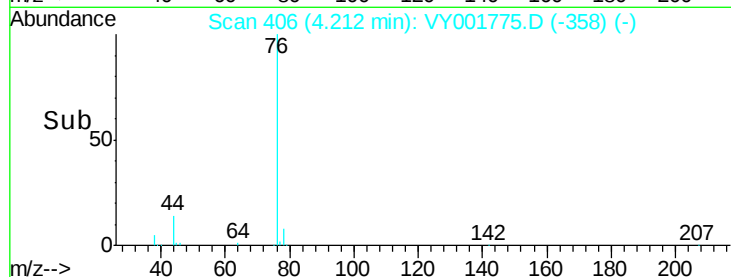
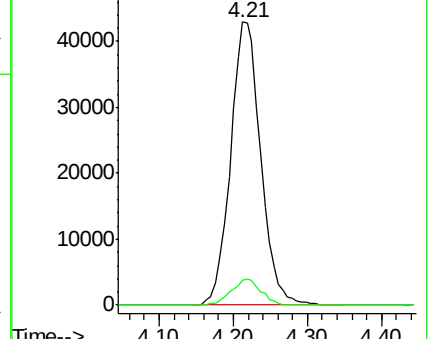
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.78 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001775.D

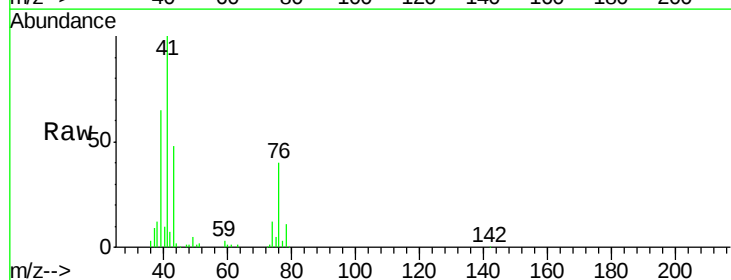
Acq: 26 Feb 2020 11:24

Tgt Ion: 43 Resp: 32204

Ion Ratio Lower Upper

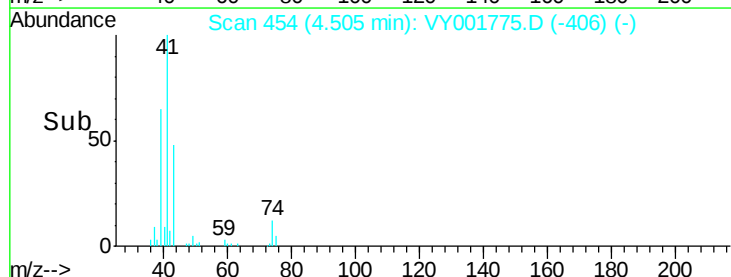
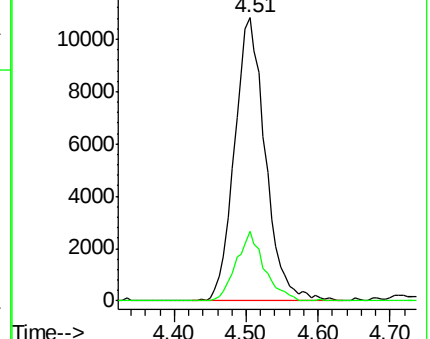
43 100

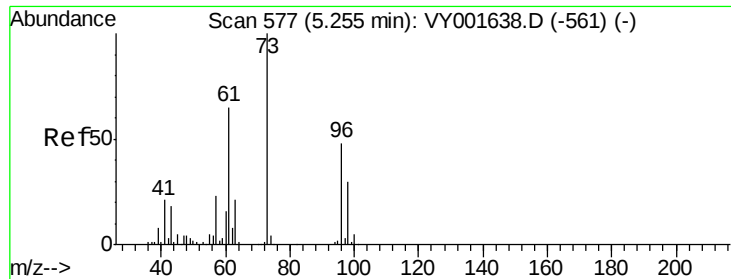
74 22.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

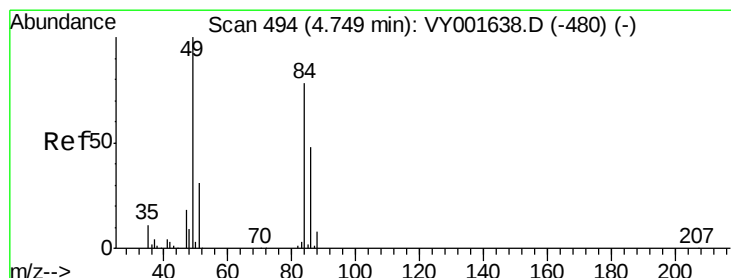
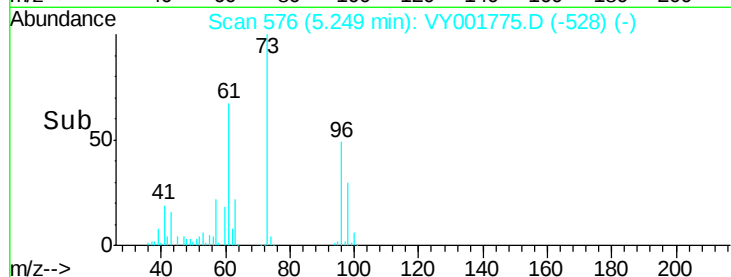
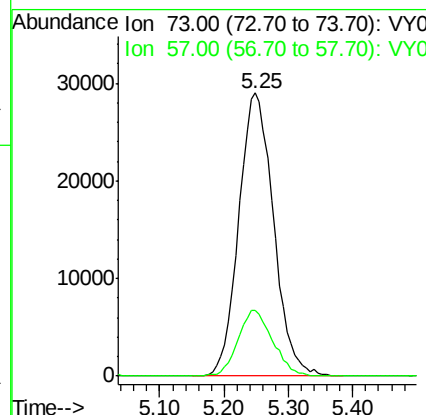
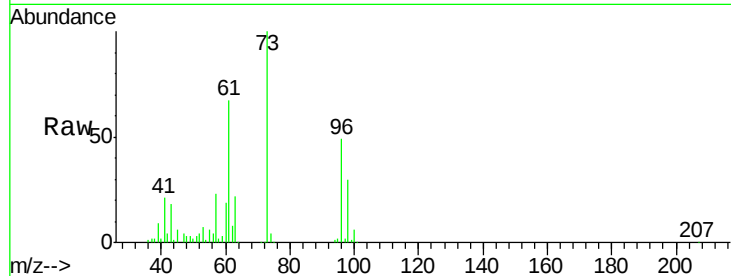




#19
Methyl tert-butyl Ether
Concen: 19.66 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

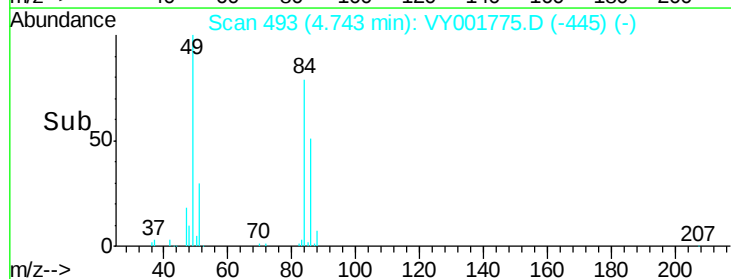
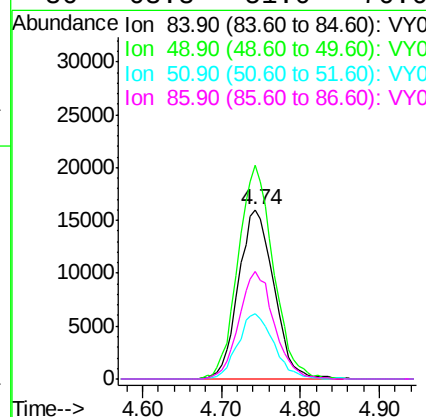
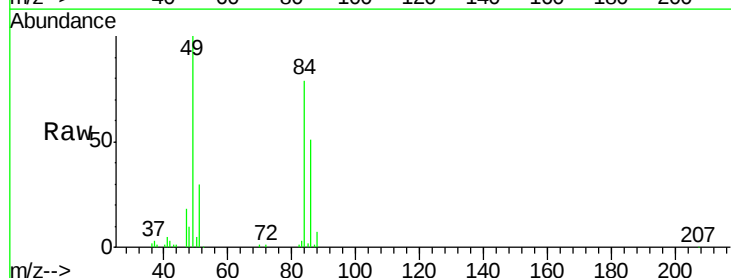
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

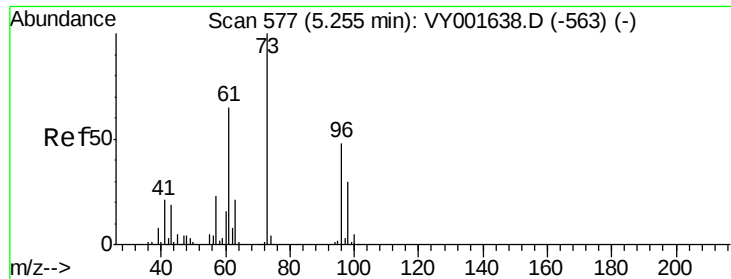
Tgt Ion: 73 Resp: 108321
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.6



#20
Methylene Chloride
Concen: 20.70 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 84 Resp: 49930
Ion Ratio Lower Upper
84 100
49 126.1 99.2 148.8
51 38.4 31.5 47.3
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.79 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

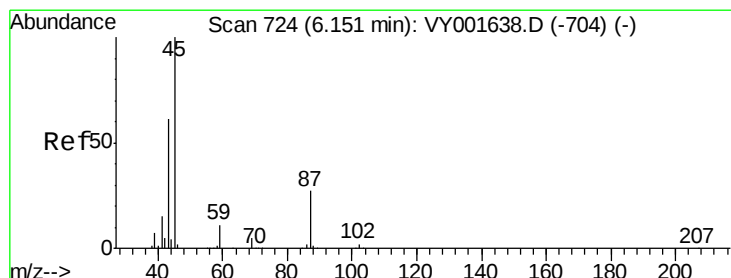
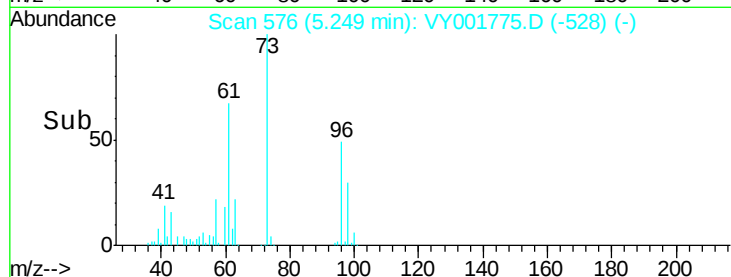
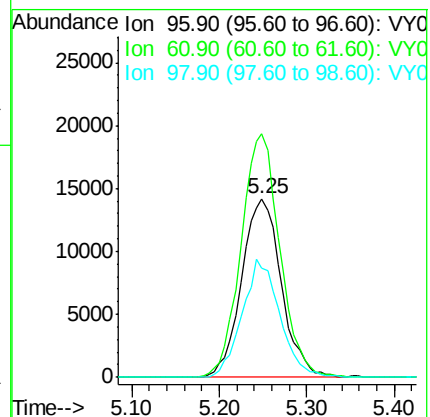
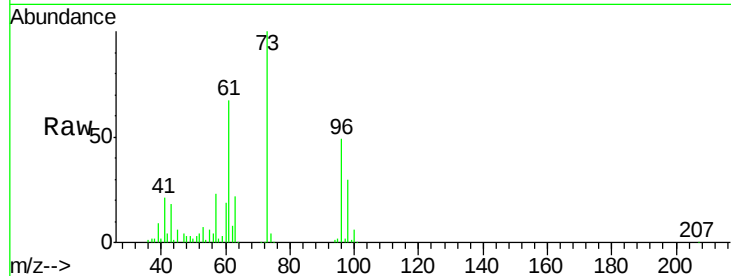
Tgt Ion: 96 Resp: 44694

Ion Ratio Lower Upper

96 100

61 136.1 107.9 161.9

98 61.2 49.8 74.8



#22

Diisopropyl ether

Concen: 20.02 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion: 45 Resp: 144806

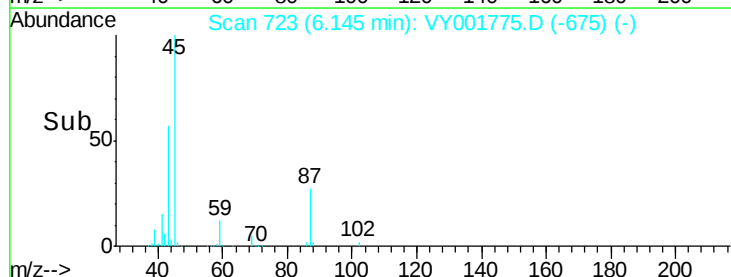
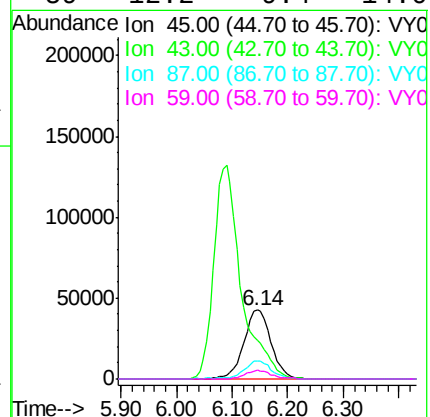
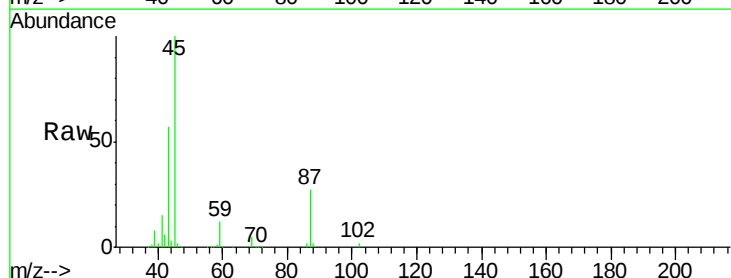
Ion Ratio Lower Upper

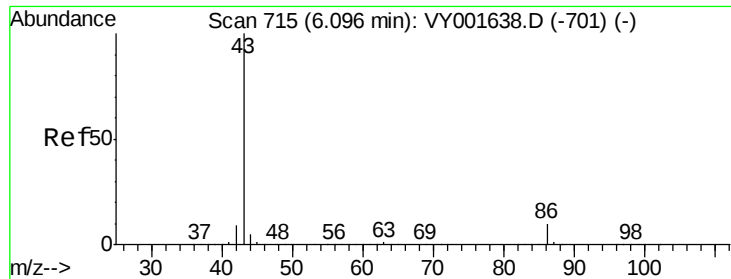
45 100

43 56.4 46.4 69.6

87 26.9 22.1 33.1

59 12.2 9.4 14.0





#23

Vinyl Acetate

Concen: 96.21 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

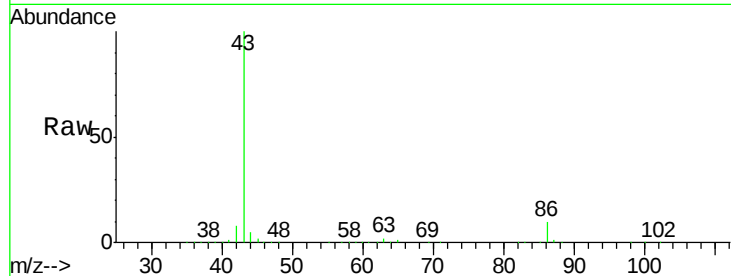
VY0226SBS01

Tgt Ion: 43 Resp: 453979

Ion Ratio Lower Upper

43 100

86 10.2 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

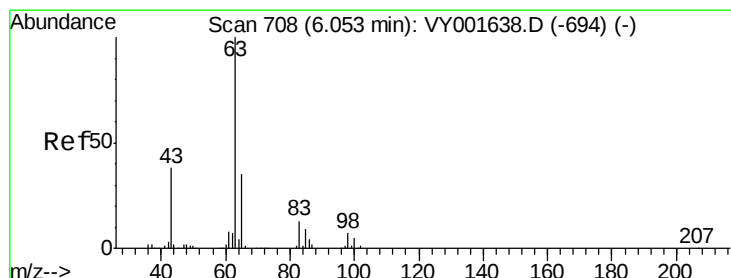
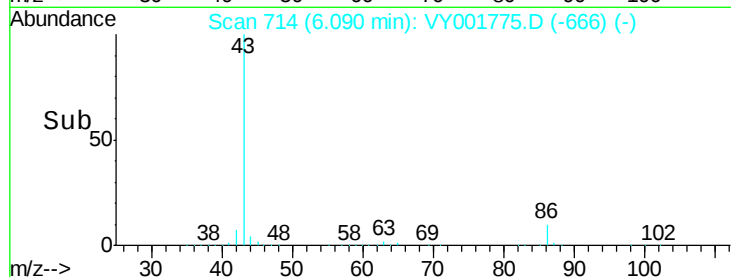
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.24 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

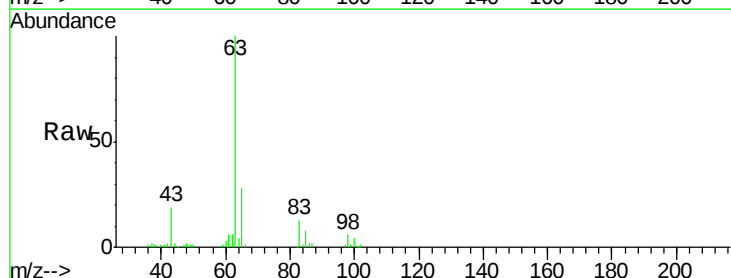
Tgt Ion: 63 Resp: 78257

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

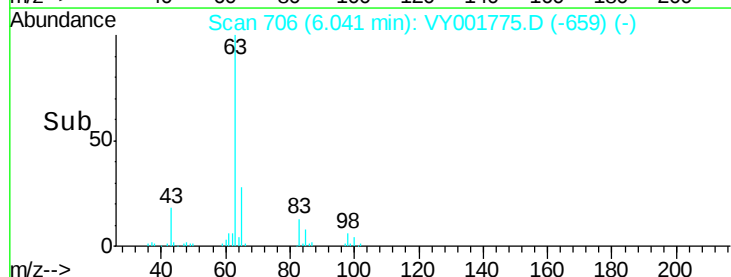
30000

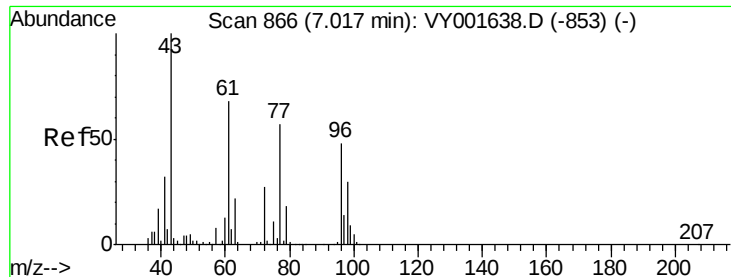
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 92.55 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

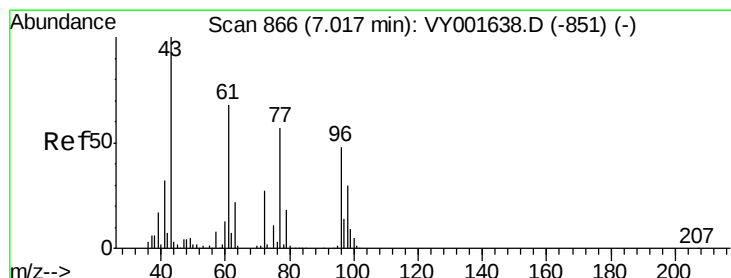
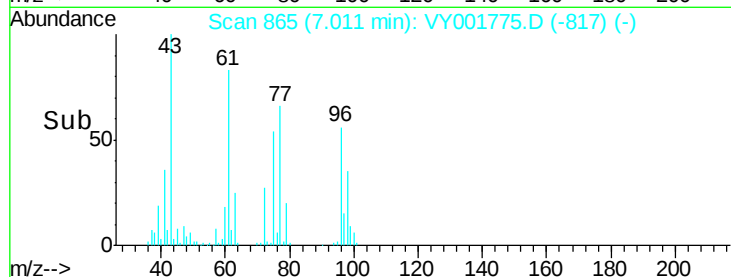
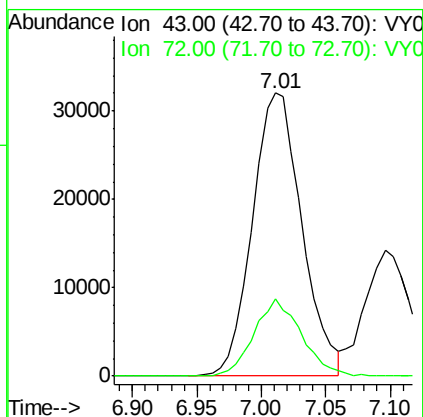
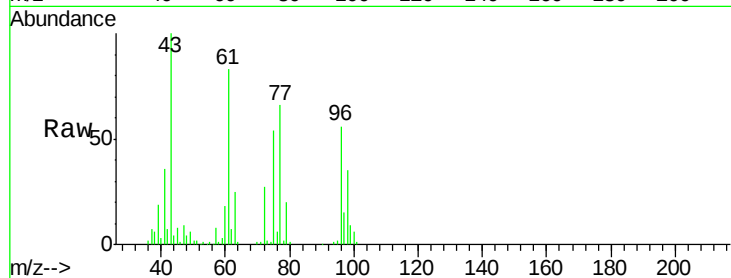
VY0226SBS01

Tgt Ion: 43 Resp: 85360

Ion Ratio Lower Upper

43 100

72 27.3 21.2 31.8



#26

2,2-Dichloropropane

Concen: 19.53 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001775.D

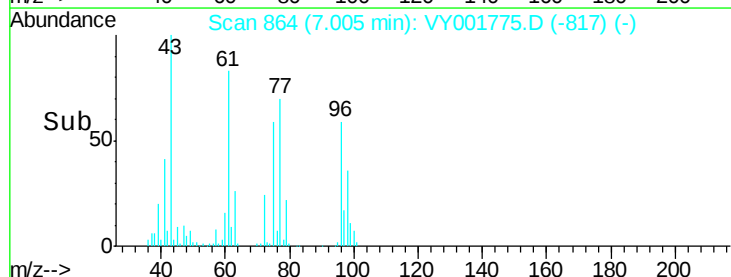
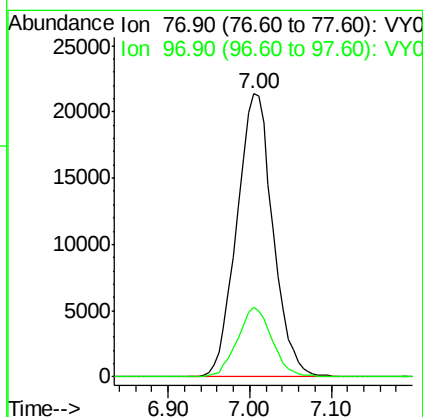
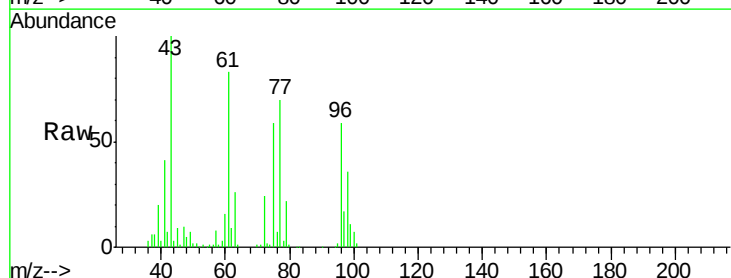
Acq: 26 Feb 2020 11:24

Tgt Ion: 77 Resp: 65703

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4



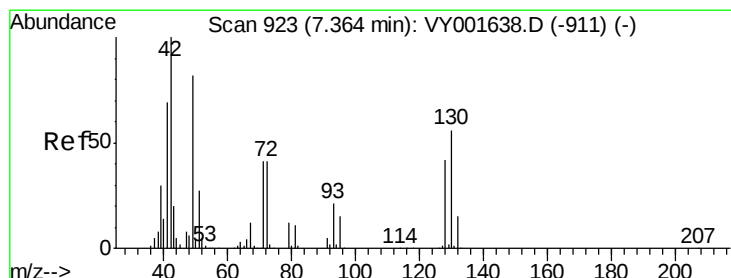
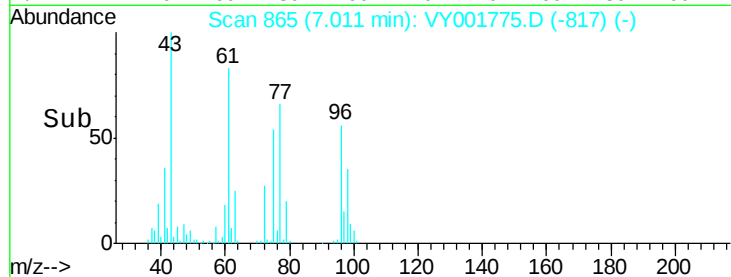
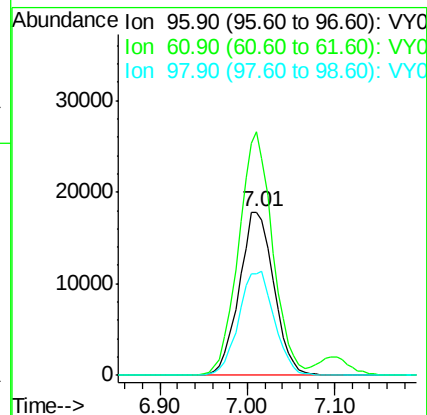
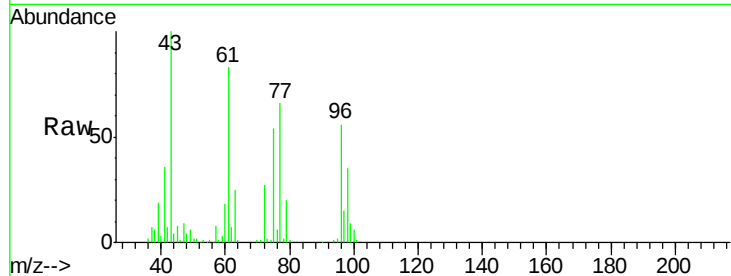


#27

cis-1,2-Dichloroethene
Concen: 19.67 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

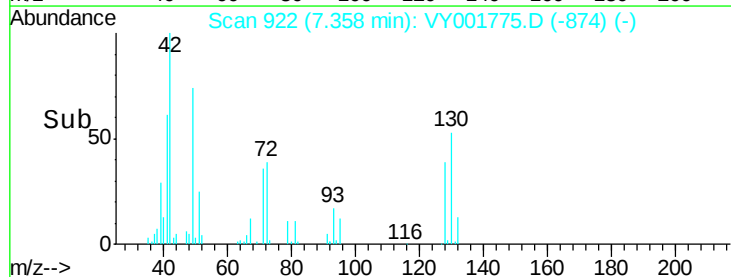
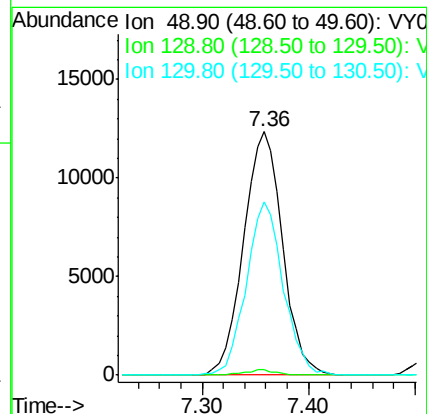
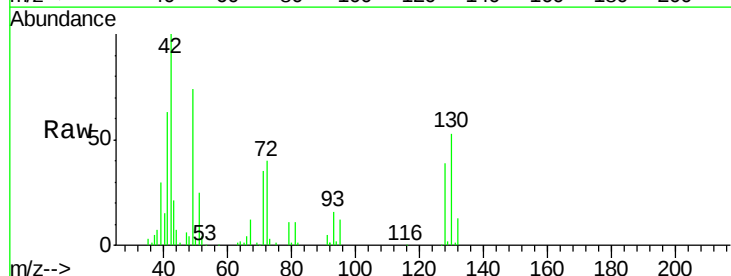
Tgt Ion: 96 Resp: 49024
Ion Ratio Lower Upper
96 100
61 146.1 0.0 290.8
98 65.5 0.0 128.6

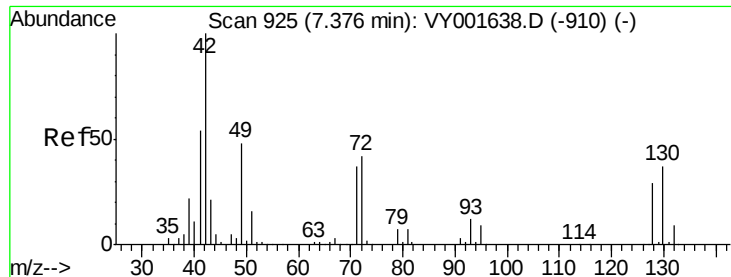


#28

Bromochloromethane
Concen: 19.59 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 49 Resp: 31559
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 67.6 56.2 84.4

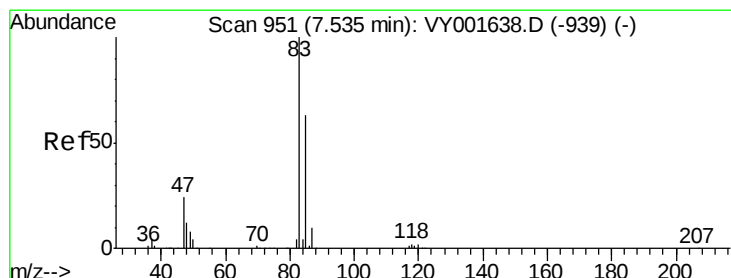
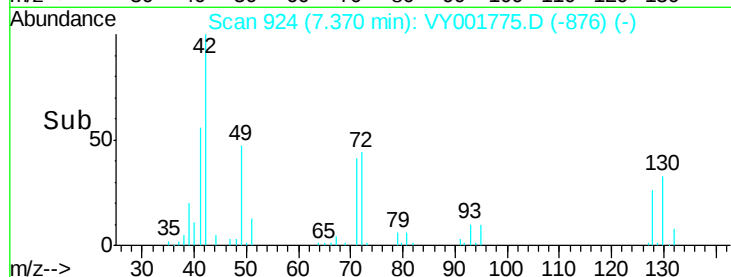
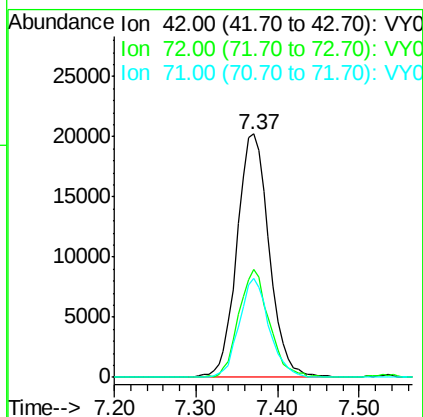
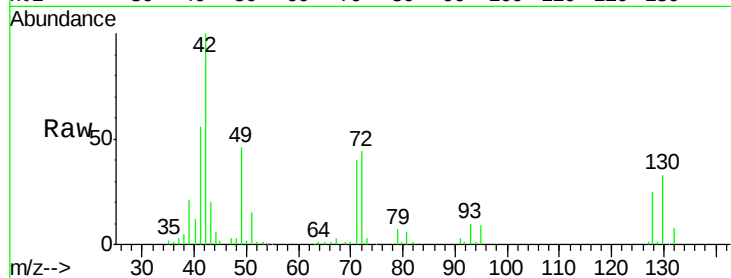




#29
Tetrahydrofuran
Concen: 99.28 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

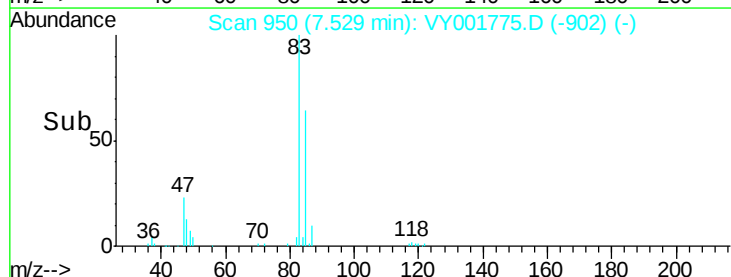
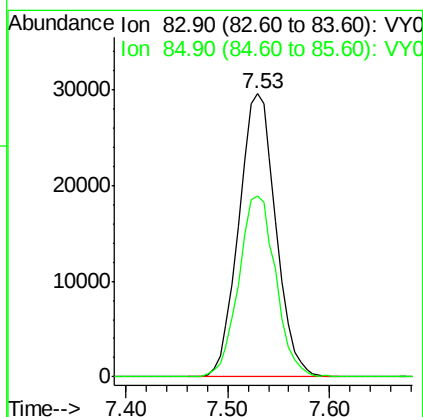
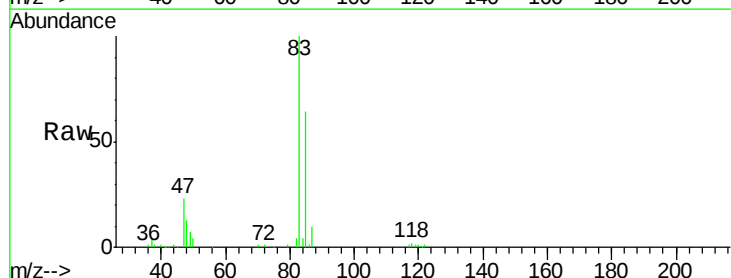
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

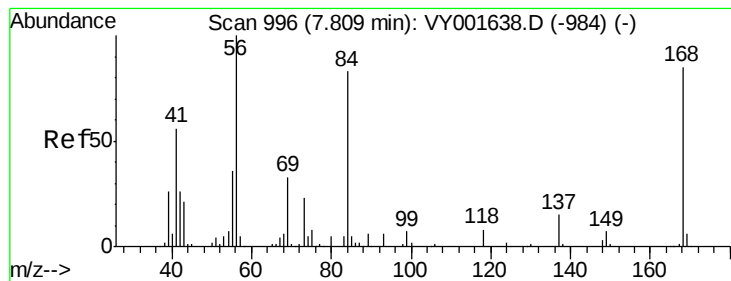
Tgt Ion: 42 Resp: 55345
Ion Ratio Lower Upper
42 100
72 42.0 34.4 51.6
71 37.9 31.8 47.8



#30
Chloroform
Concen: 19.73 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 83 Resp: 74538
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4





#31

Cyclohexane

Concen: 19.48 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

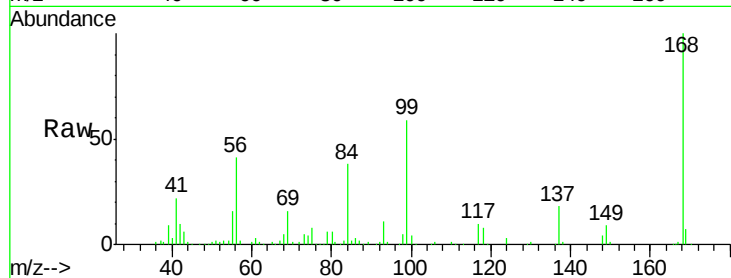
Tgt Ion: 56 Resp: 80306

Ion Ratio Lower Upper

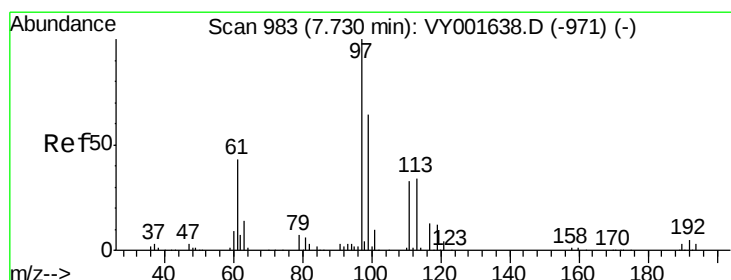
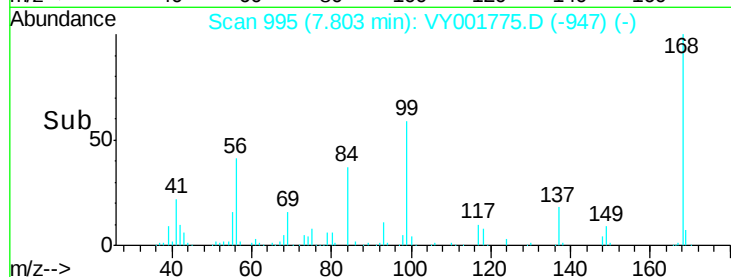
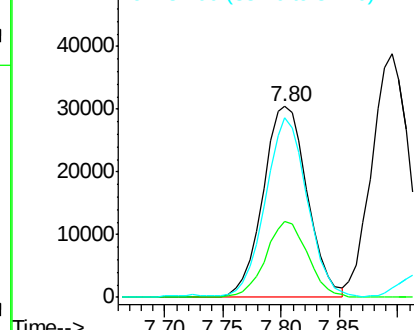
56 100

69 39.7 25.1 37.7#

84 92.8 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: 19.73 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

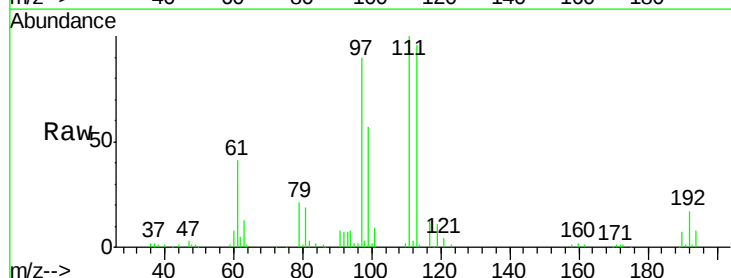
Tgt Ion: 97 Resp: 62656

Ion Ratio Lower Upper

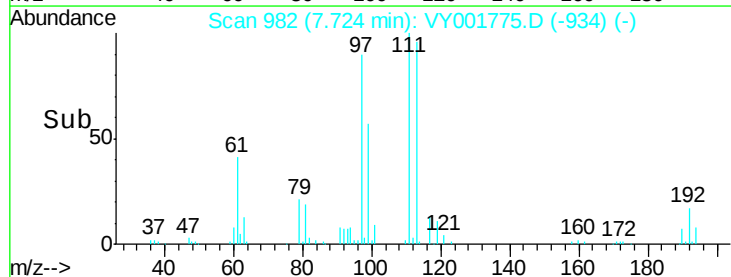
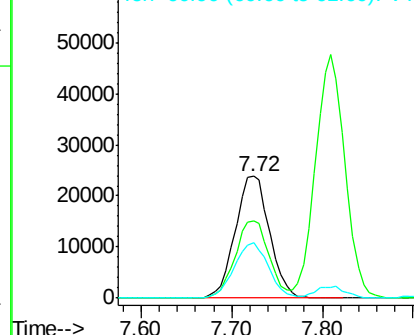
97 100

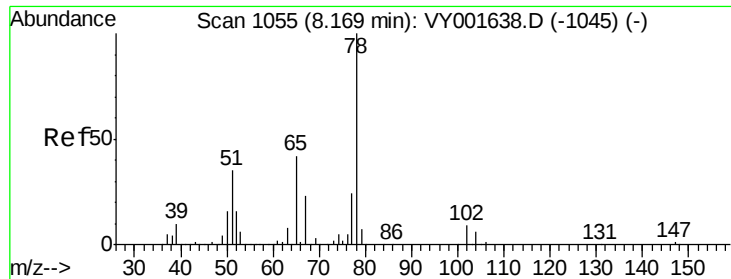
99 62.3 51.2 76.8

61 45.2 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

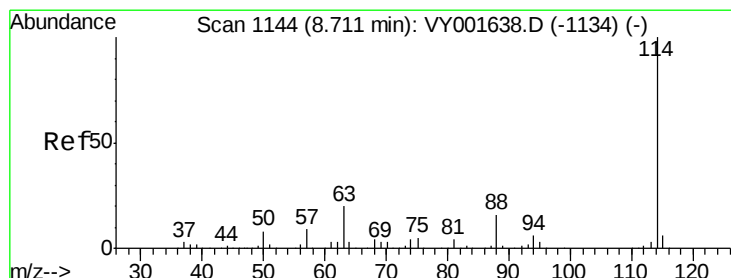
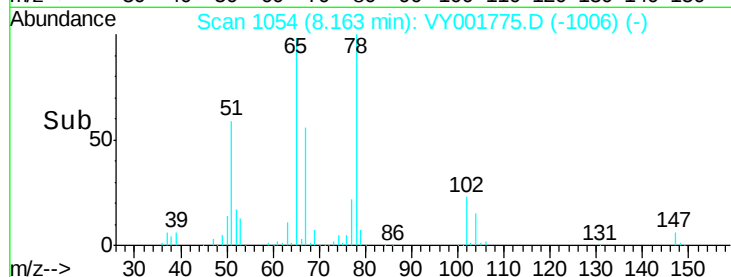
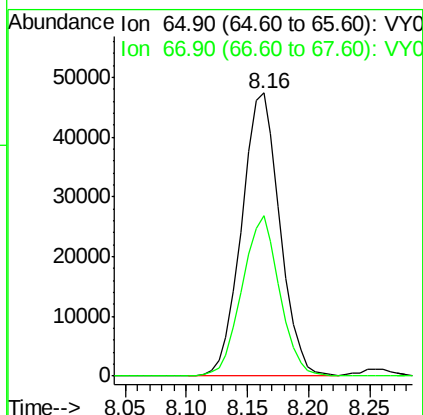
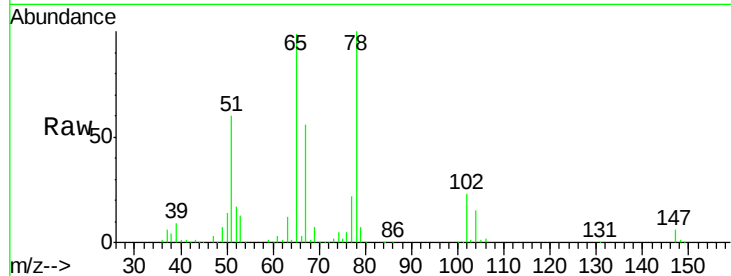




#33
 1,2-Dichloroethane-d4
 Concen: 52.43 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

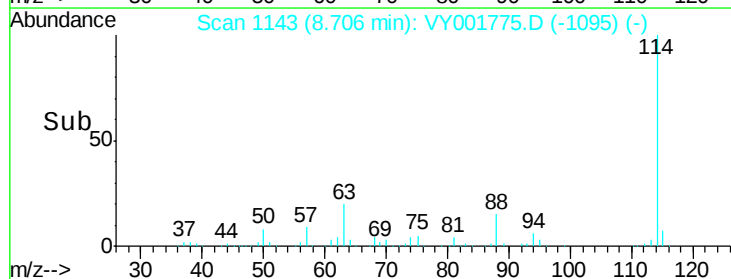
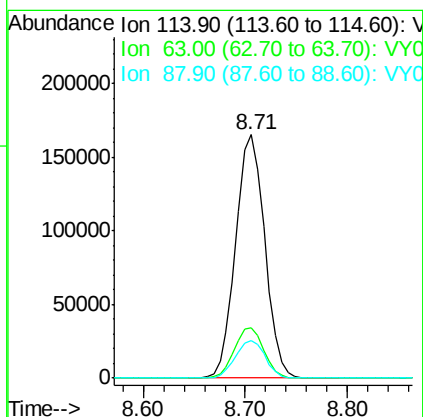
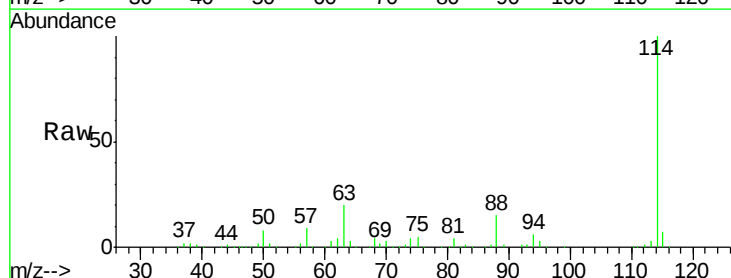
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

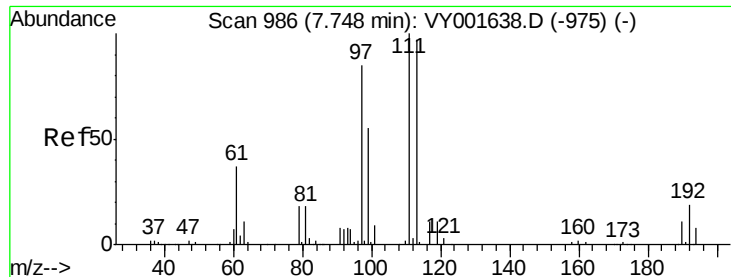
Tgt Ion: 65 Resp: 102882
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 114 Resp: 326529
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.2 0.0 32.8

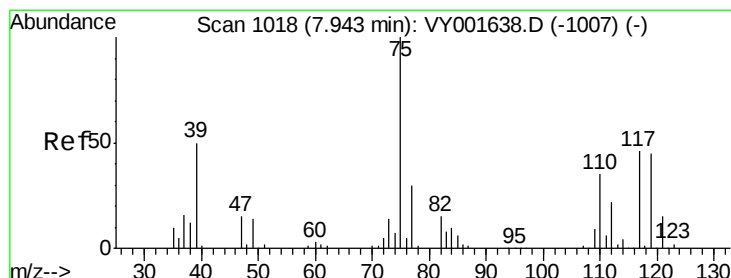
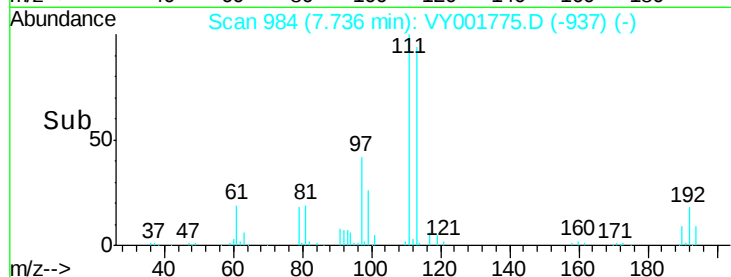
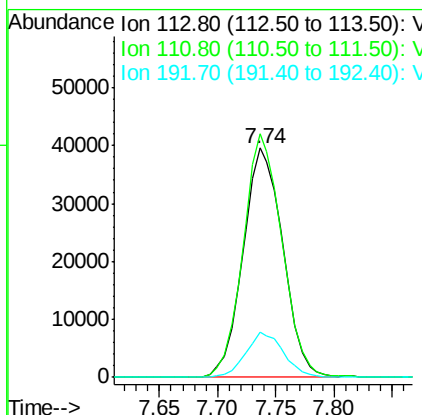
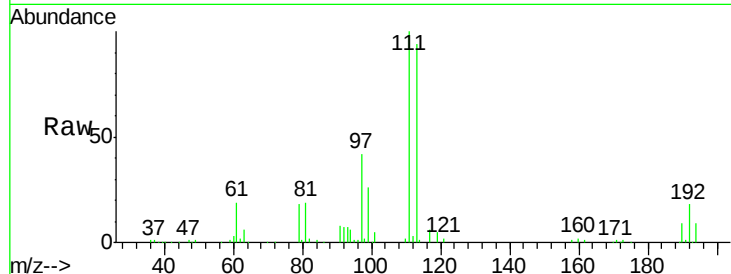




#35
 Dibromofluoromethane
 Concen: 50.46 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

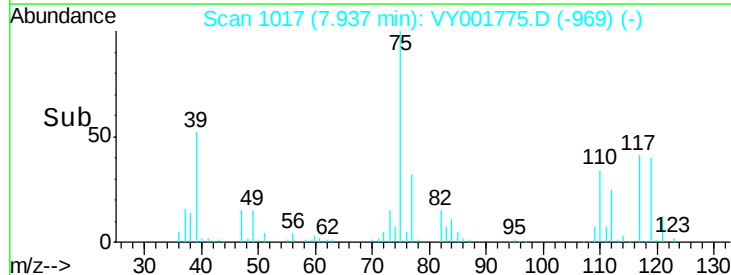
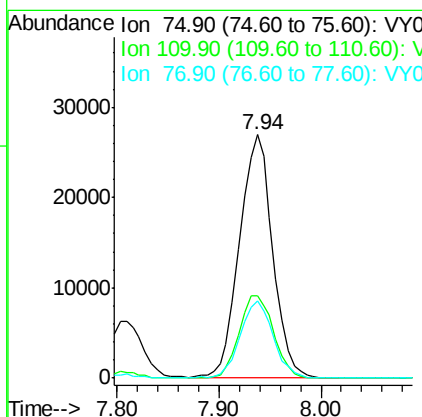
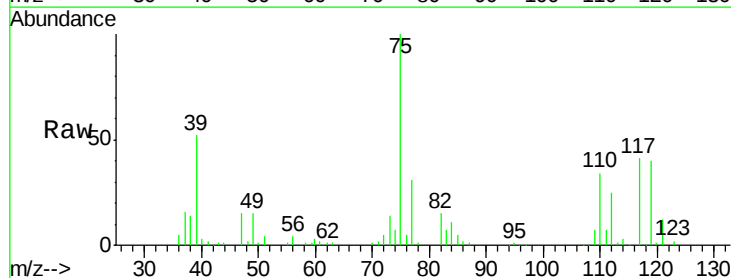
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

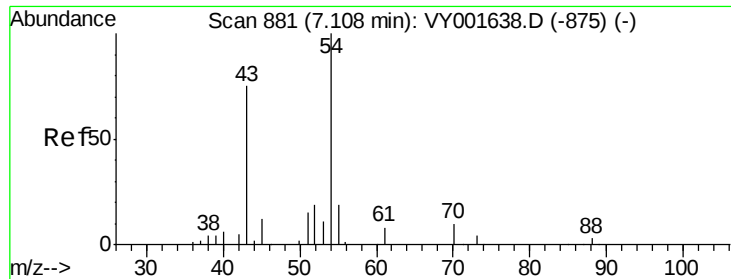
Tgt Ion: 113 Resp: 94366
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 18.7 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 19.55 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 75 Resp: 60988
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.2 51.6
 77 31.5 24.8 37.2

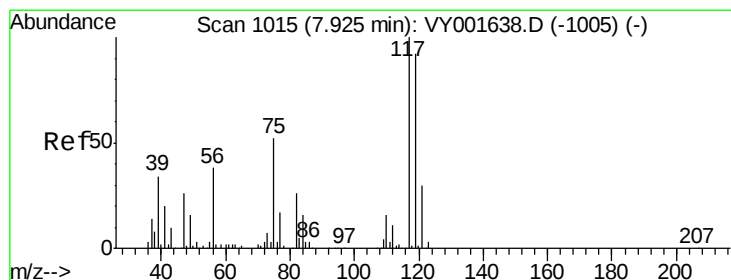
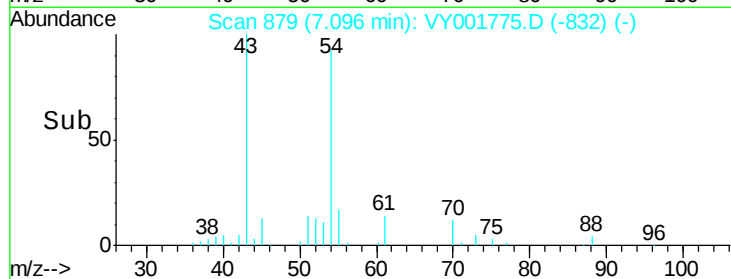
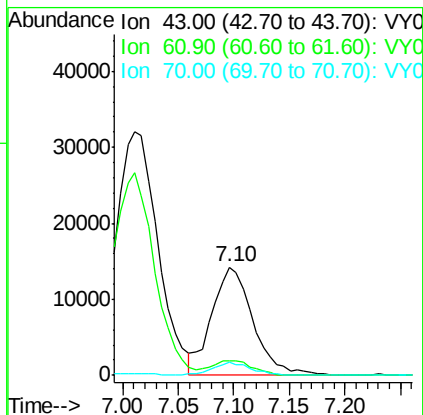
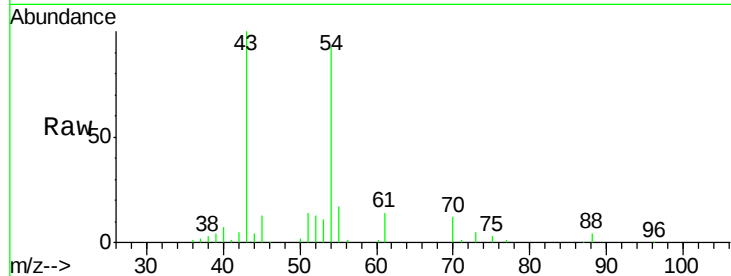




#37
Ethyl Acetate
Concen: 19.48 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

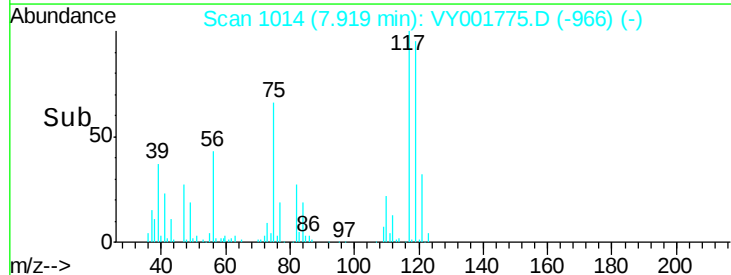
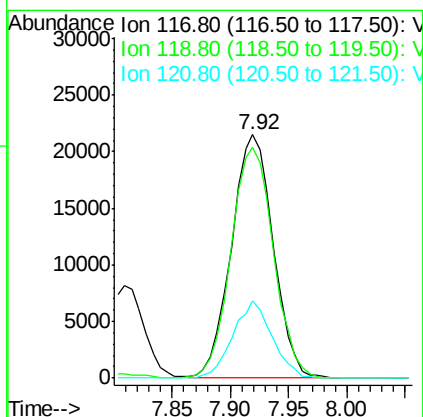
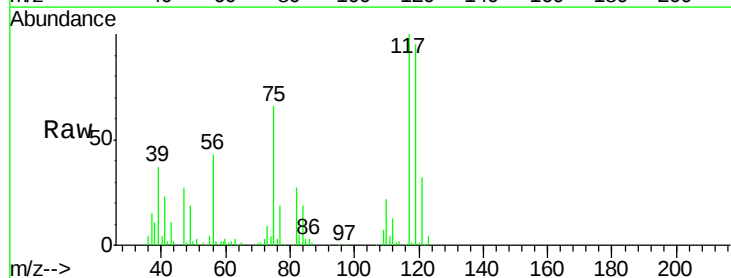
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

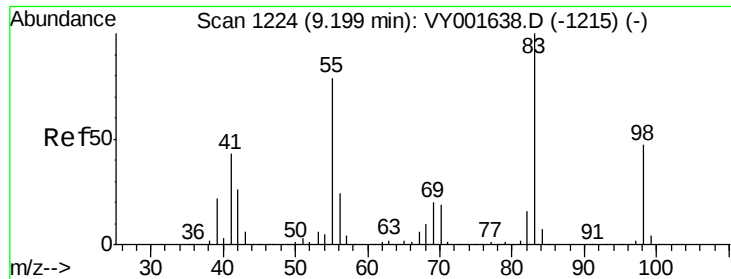
Tgt Ion: 43 Resp: 36269
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 117 Resp: 53759
Ion Ratio Lower Upper
117 100
119 94.8 74.8 112.2
121 31.7 23.8 35.6

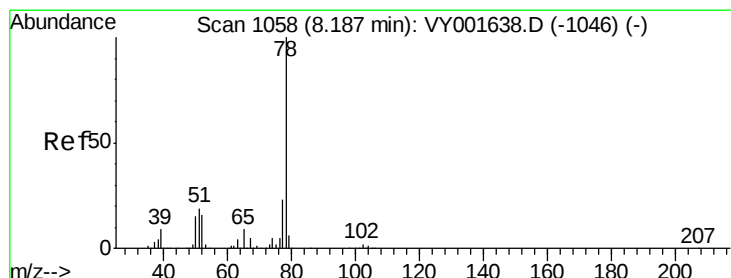
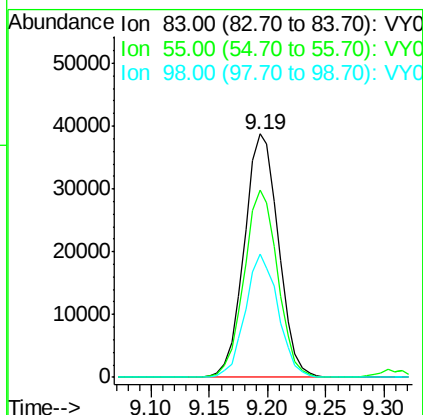
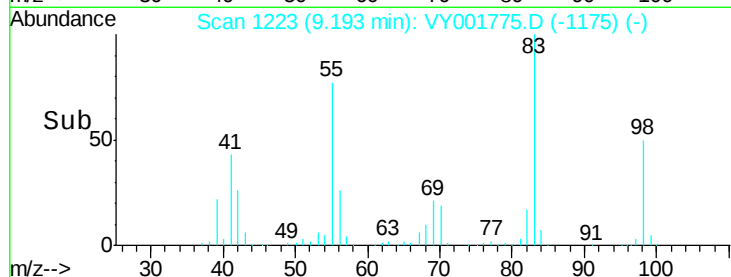
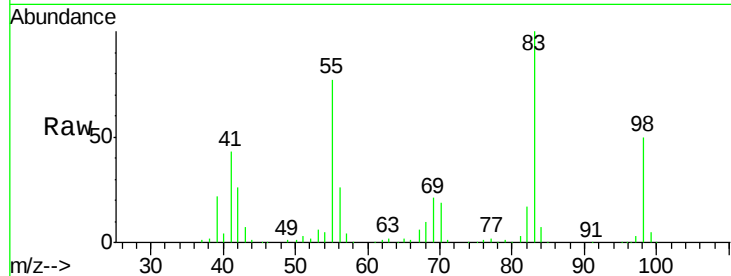




#39
Methylcyclohexane
Concen: 19.19 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

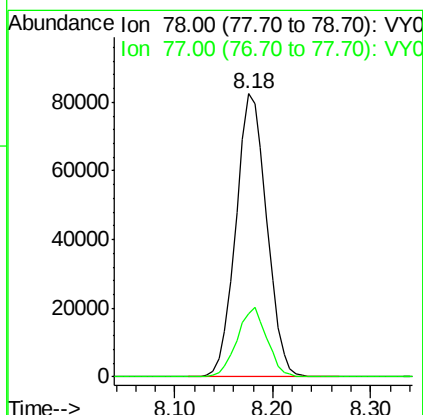
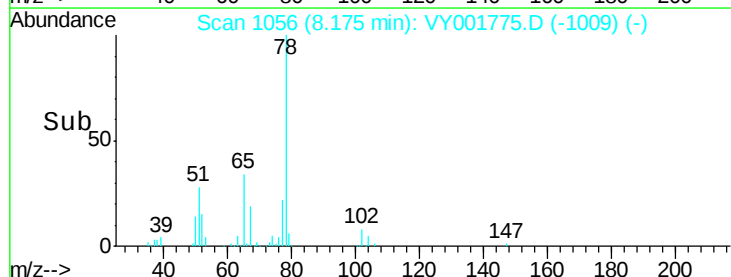
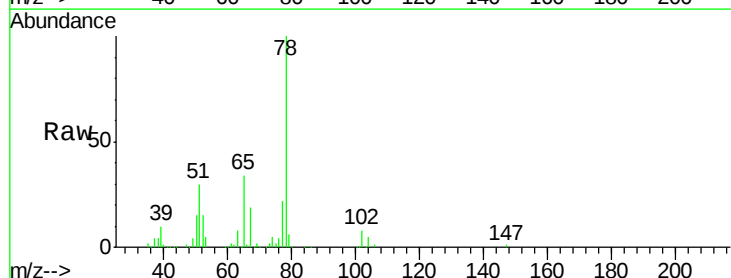
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

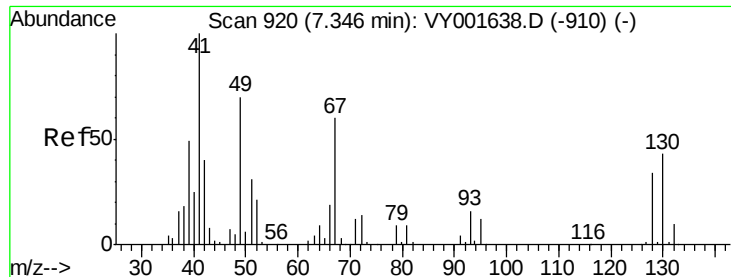
Tgt Ion: 83 Resp: 79420
Ion Ratio Lower Upper
83 100
55 76.8 61.3 91.9
98 50.5 38.0 57.0



#40
Benzene
Concen: 19.71 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 78 Resp: 180774
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4

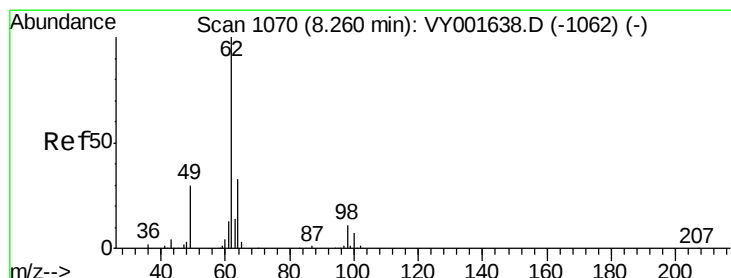
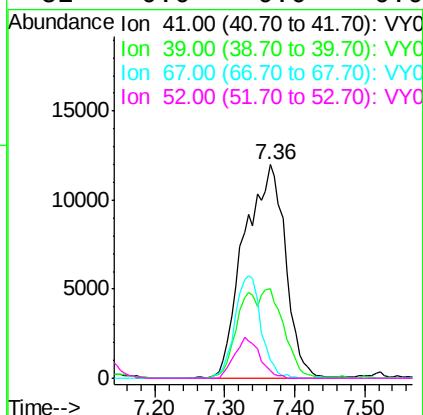
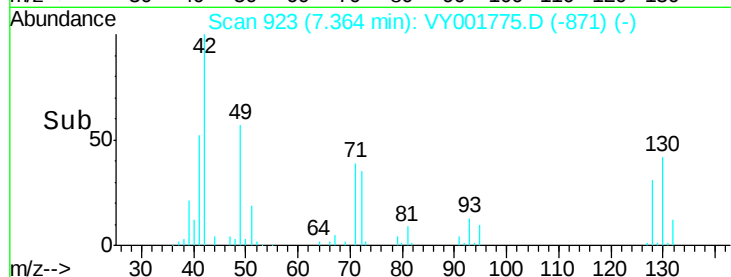
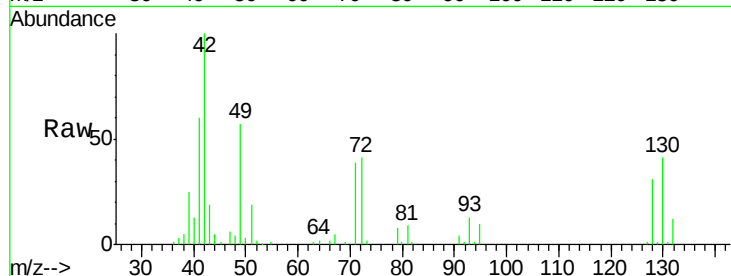




#41
Methacrylonitrile
Concen: 52.67 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

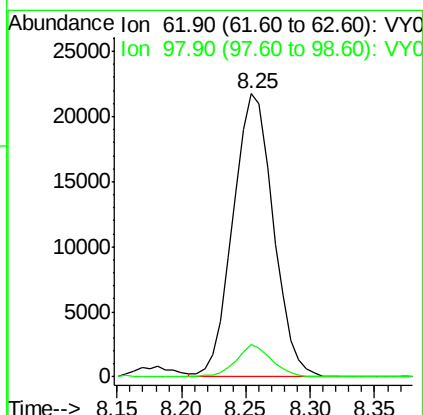
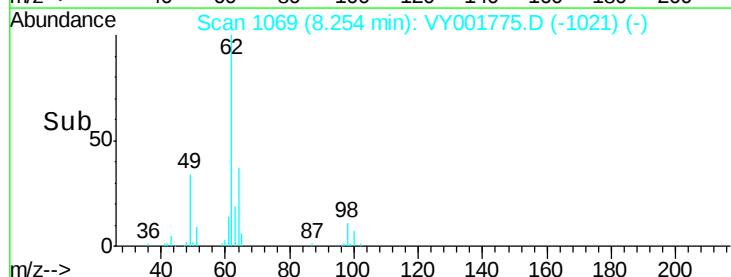
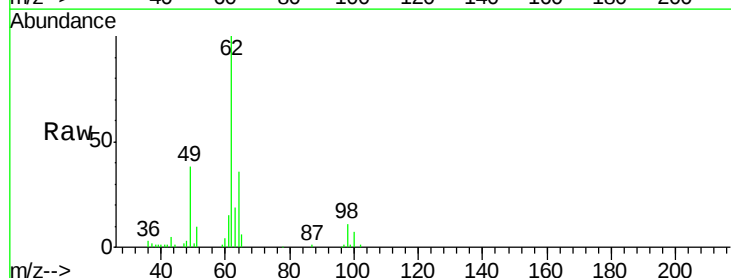
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

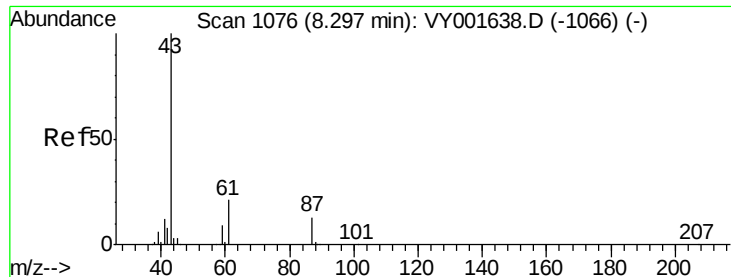
Tgt Ion:	41	Resp:	49230
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.95 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion:	62	Resp:	47362
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.22 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

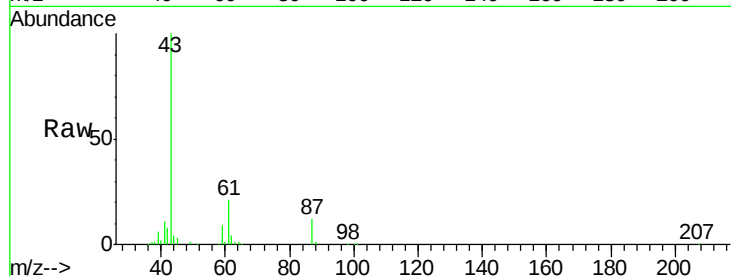
Tgt Ion: 43 Resp: 67878

Ion Ratio Lower Upper

43 100

61 29.5 23.0 34.4

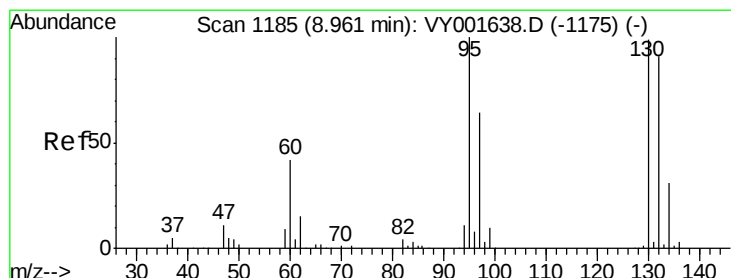
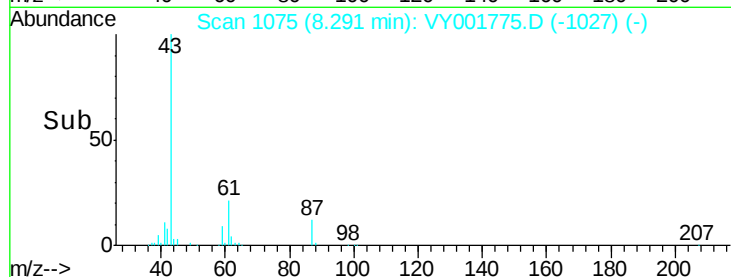
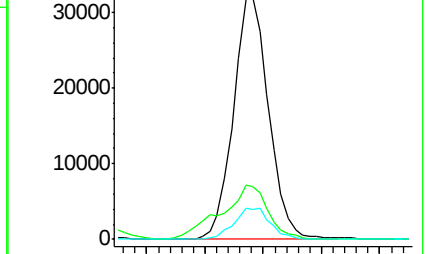
87 13.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001775.D (-1027) (-)

Ion 61.00 (60.70 to 61.70): VY001775.D (-1027) (-)

Ion 87.00 (86.70 to 87.70): VY001775.D (-1027) (-)



#44

Trichloroethene

Concen: 19.42 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001775.D

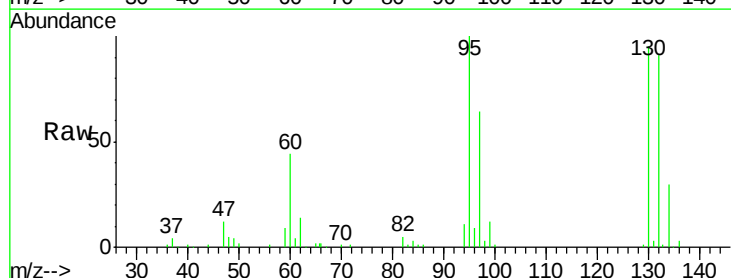
Acq: 26 Feb 2020 11:24

Tgt Ion: 130 Resp: 44471

Ion Ratio Lower Upper

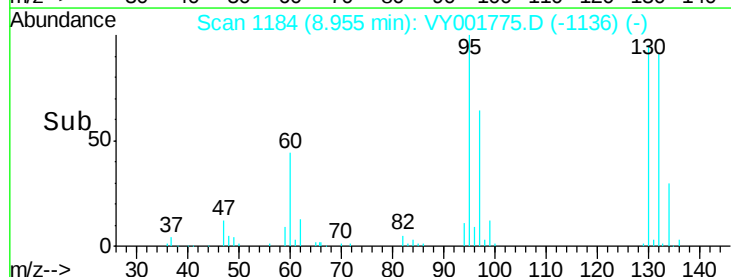
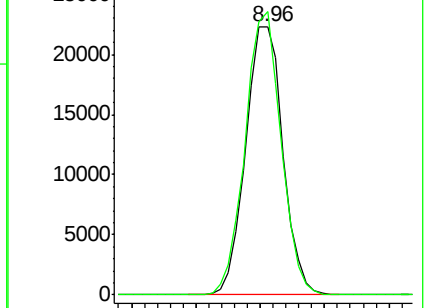
130 100

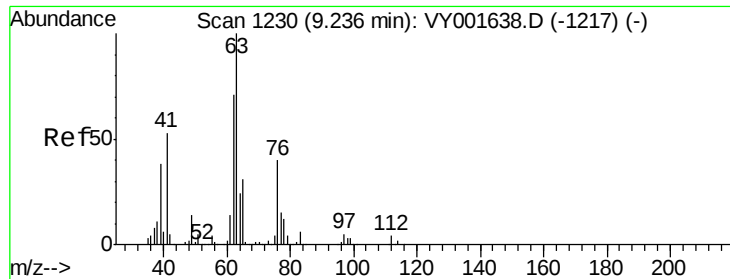
95 105.5 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001775.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001775.D (-1136) (-)

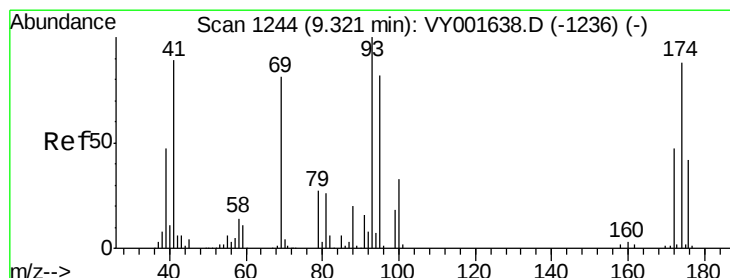
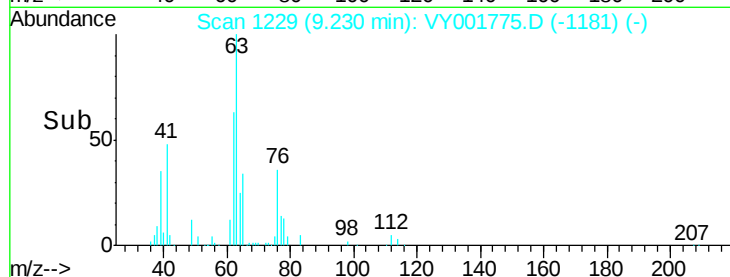
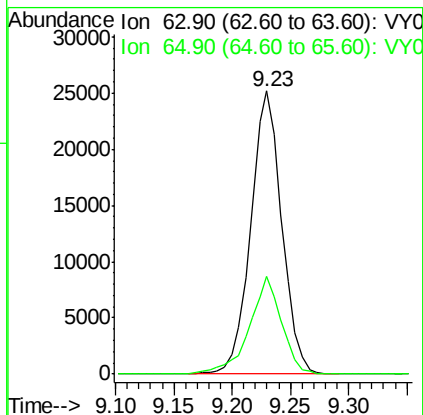
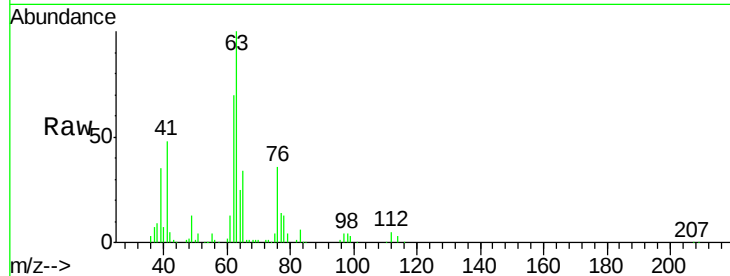




#45
 1,2-Dichloropropane
 Concen: 20.34 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

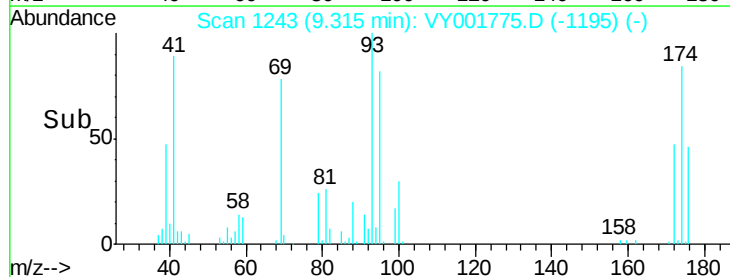
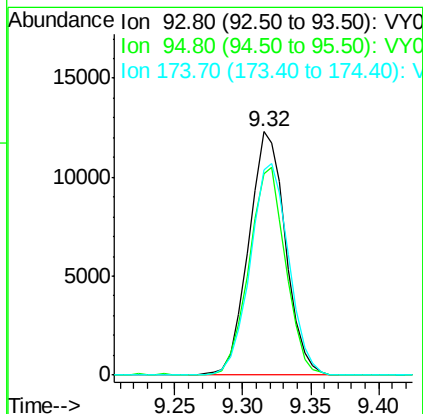
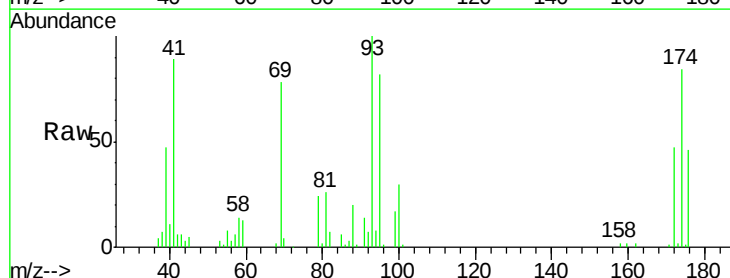
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

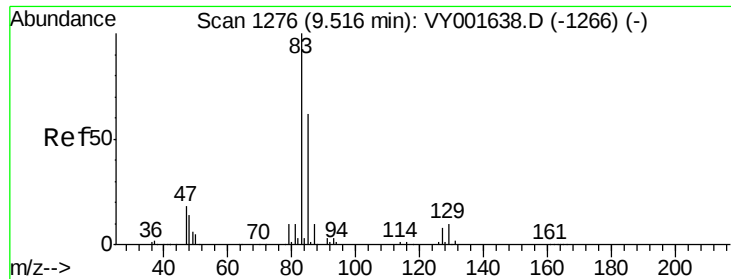
Tgt Ion: 63 Resp: 46729
 Ion Ratio Lower Upper
 63 100
 65 34.4 24.6 37.0



#46
 Dibromomethane
 Concen: 19.40 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 93 Resp: 23315
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.1 99.1
 174 90.2 72.5 108.7

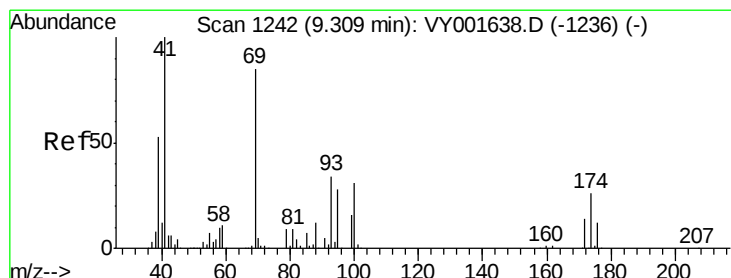
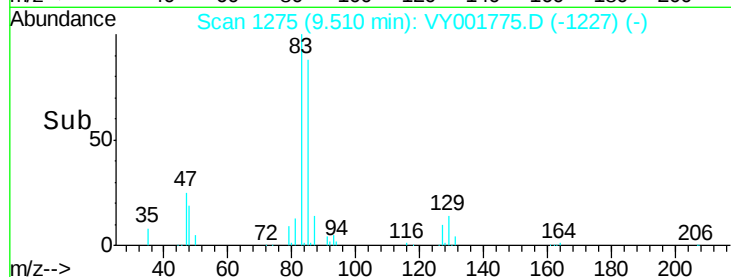
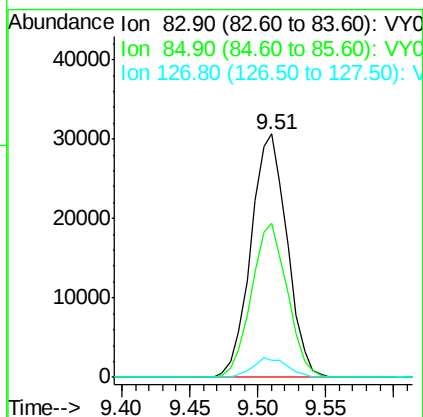
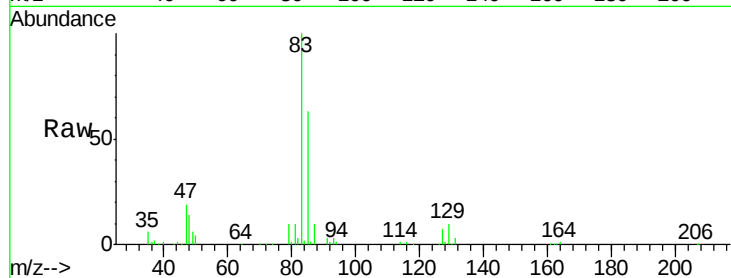




#47
 Bromodichloromethane
 Concen: 19.70 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

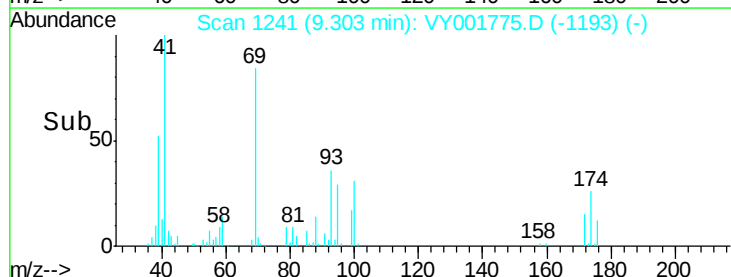
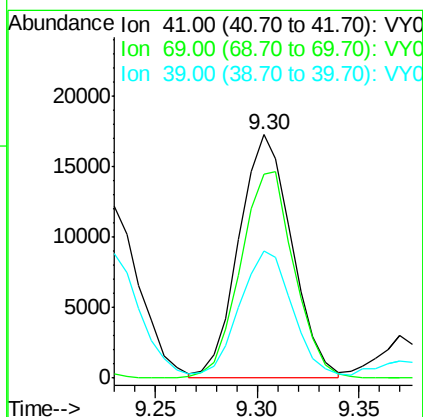
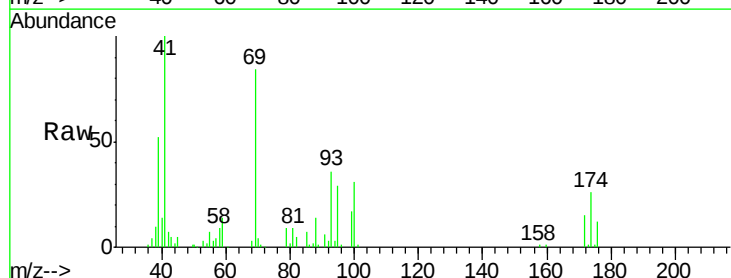
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

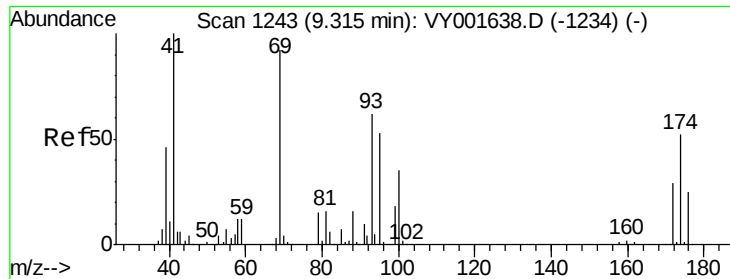
Tgt Ion: 83 Resp: 57121
 Ion Ratio Lower Upper
 83 100
 85 63.1 51.4 77.0
 127 7.1 6.4 9.6



#48
 Methyl methacrylate
 Concen: 19.48 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 41 Resp: 31123
 Ion Ratio Lower Upper
 41 100
 69 85.7 70.7 106.1
 39 53.0 42.2 63.2





#49

1,4-Dioxane

Concen: 400.62 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

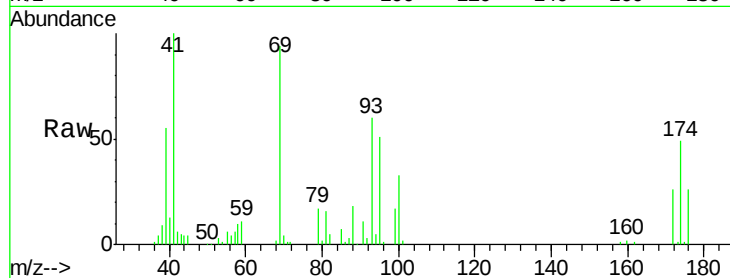
Tgt Ion: 88 Resp: 6799

Ion Ratio Lower Upper

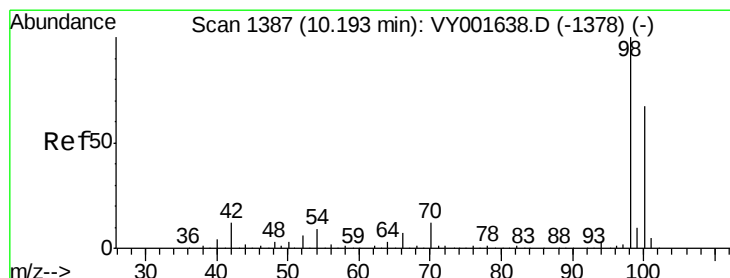
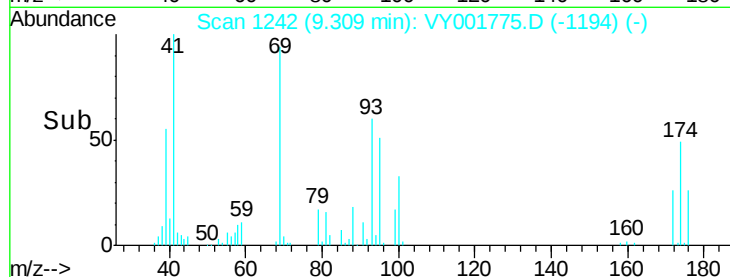
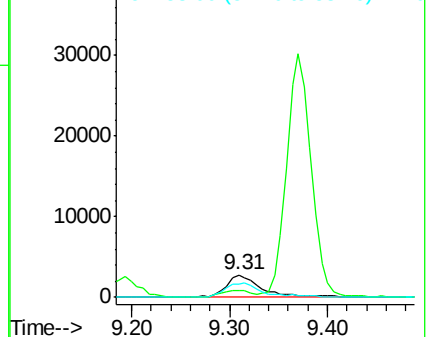
88 100

43 28.3 23.1 34.7

58 71.3 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: 54.37 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001775.D

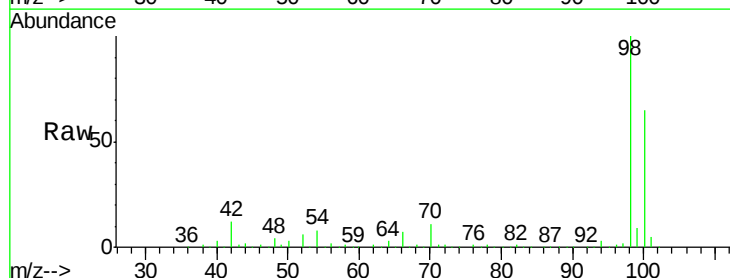
Acq: 26 Feb 2020 11:24

Tgt Ion: 98 Resp: 398338

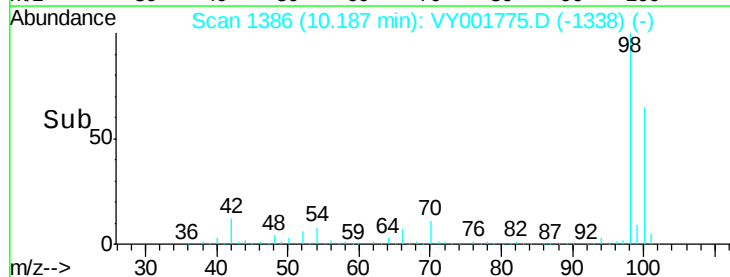
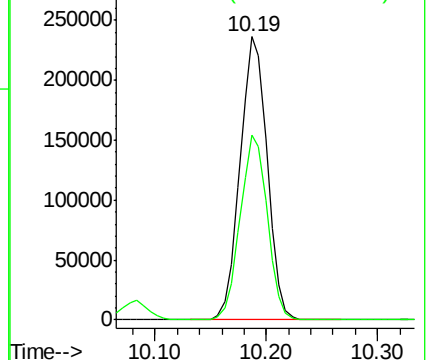
Ion Ratio Lower Upper

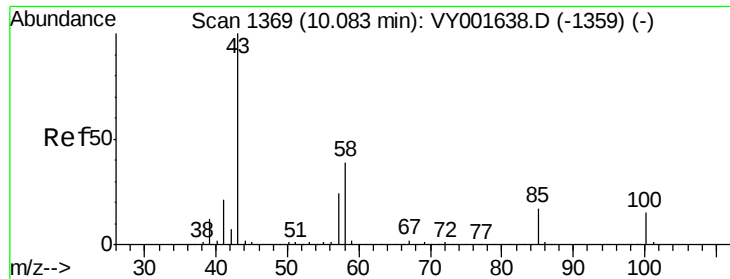
98 100

100 65.4 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: 97.78 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

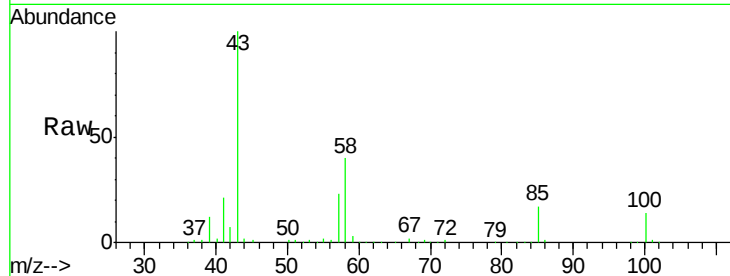
VY0226SBS01

Tgt Ion: 43 Resp: 177442

Ion Ratio Lower Upper

43 100

58 39.7 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

120000

100000

80000

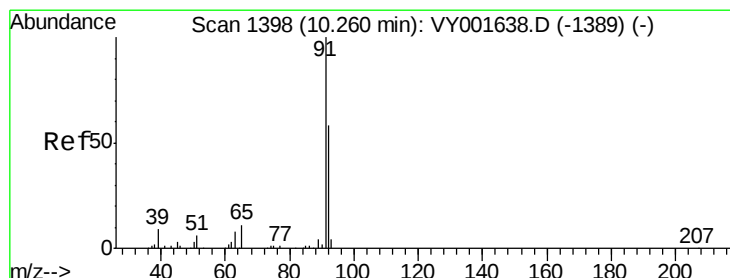
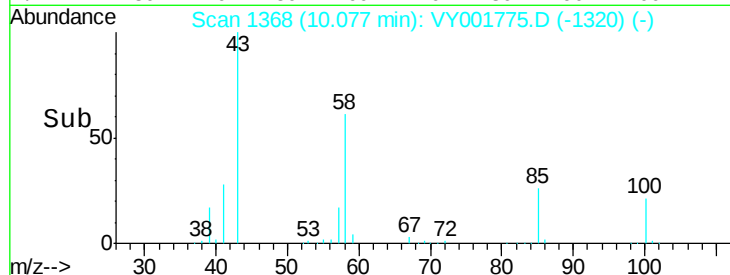
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 19.58 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001775.D

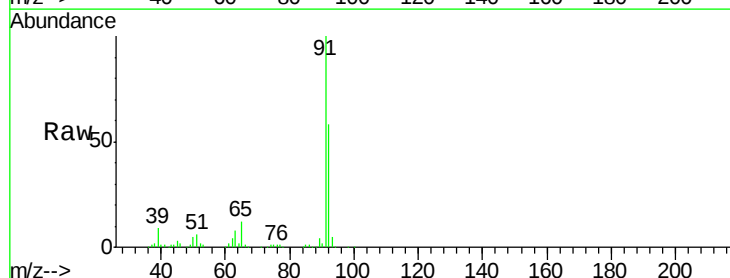
Acq: 26 Feb 2020 11:24

Tgt Ion: 92 Resp: 112046

Ion Ratio Lower Upper

92 100

91 172.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

120000

100000

80000

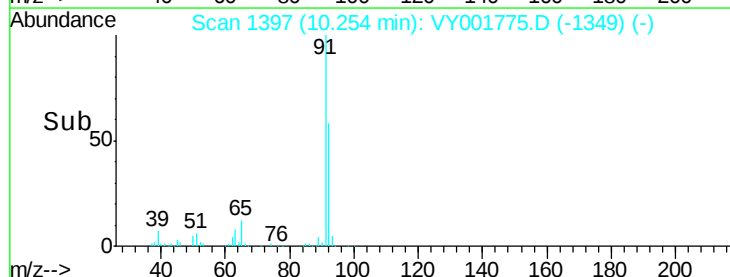
60000

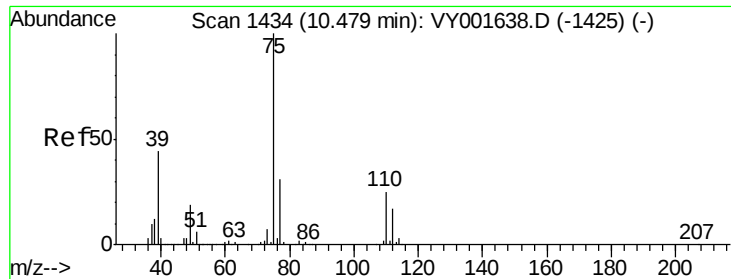
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.22 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

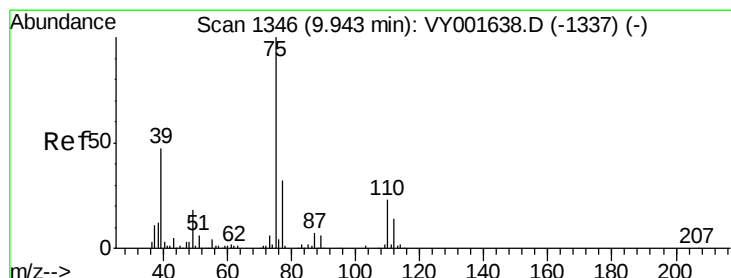
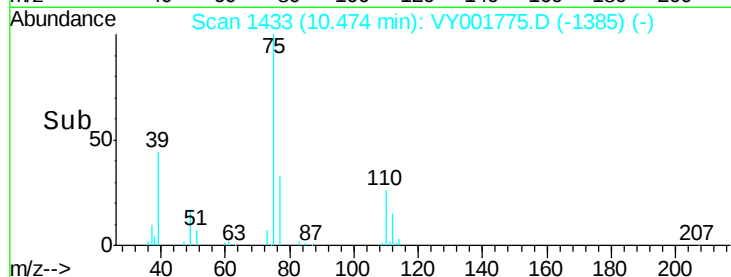
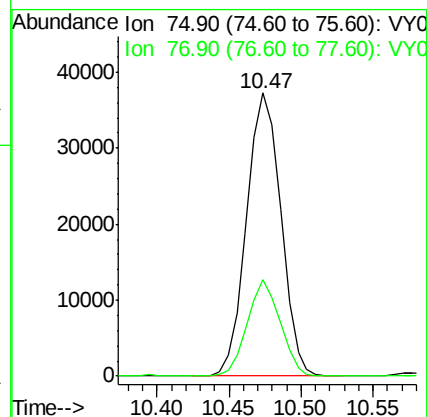
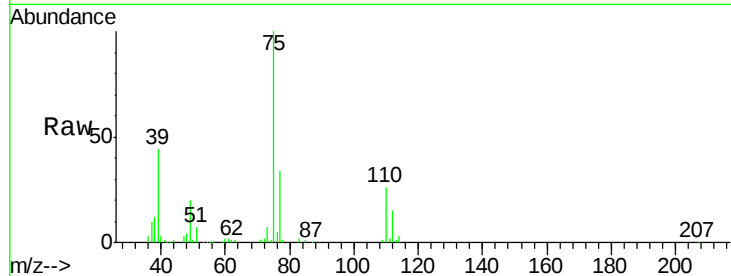
VY0226SBS01

Tgt Ion: 75 Resp: 61627

Ion Ratio Lower Upper

75 100

77 33.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.48 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

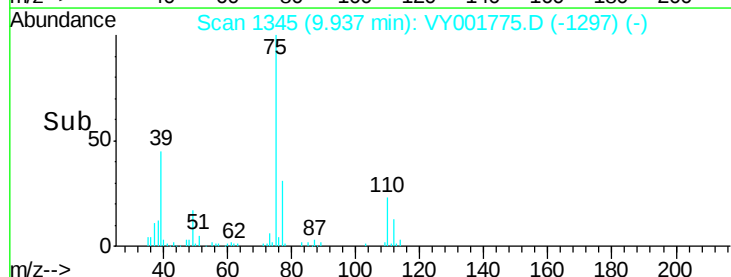
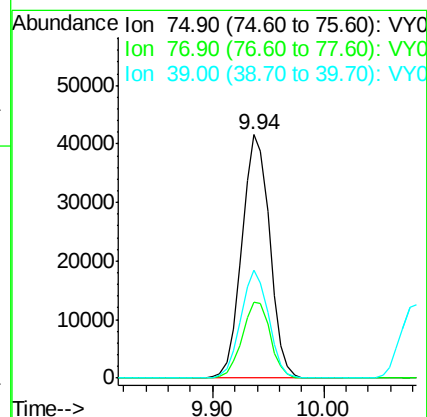
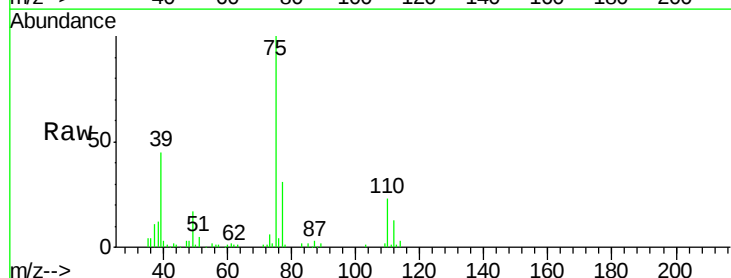
Tgt Ion: 75 Resp: 71876

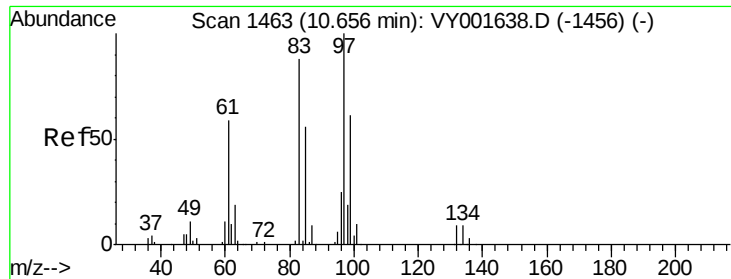
Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 44.6 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 20.06 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tgt Ion: 97 Resp: 35539

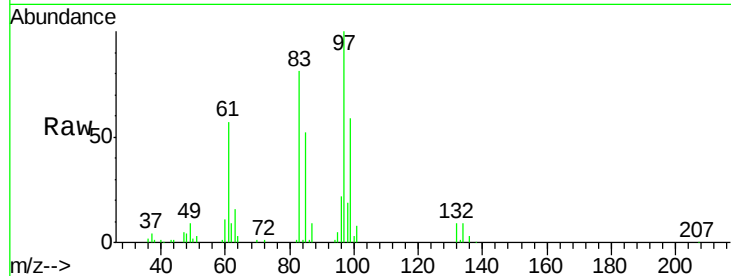
Ion Ratio Lower Upper

97 100

83 81.1 69.7 104.5

85 52.2 44.5 66.7

99 59.4 49.6 74.4

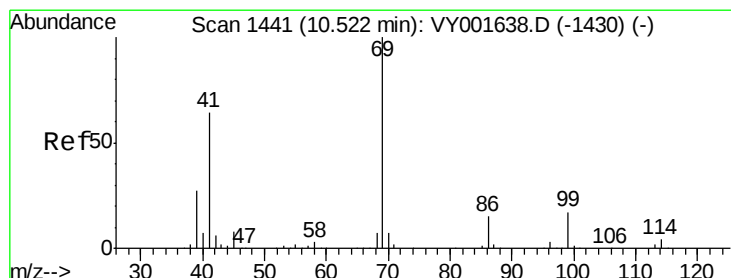
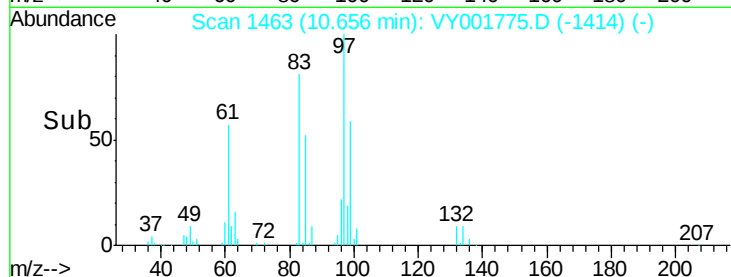
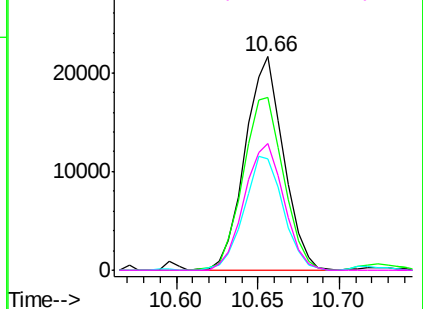


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 19.09 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

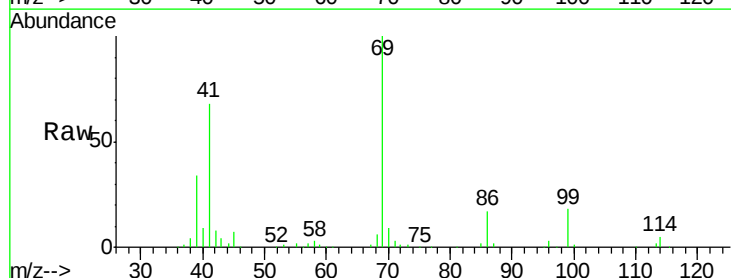
Tgt Ion: 69 Resp: 50749

Ion Ratio Lower Upper

69 100

41 66.7 51.0 76.4

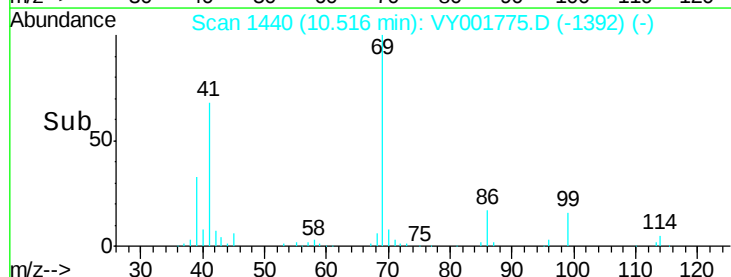
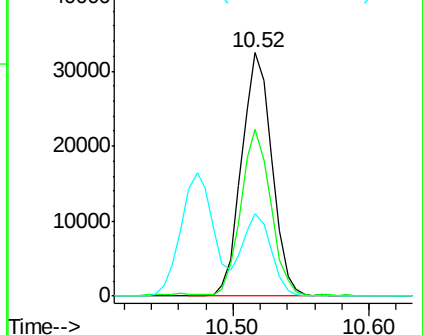
39 32.0 24.7 37.1

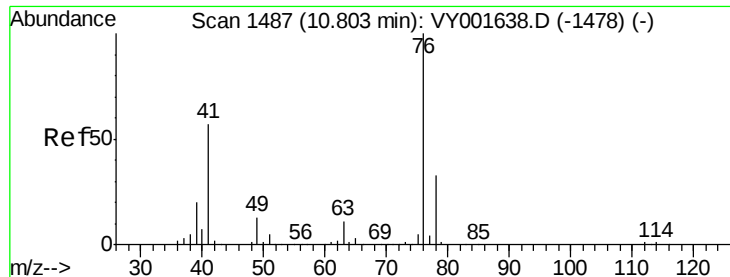


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

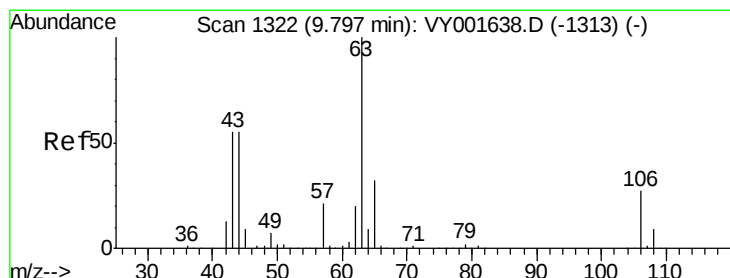
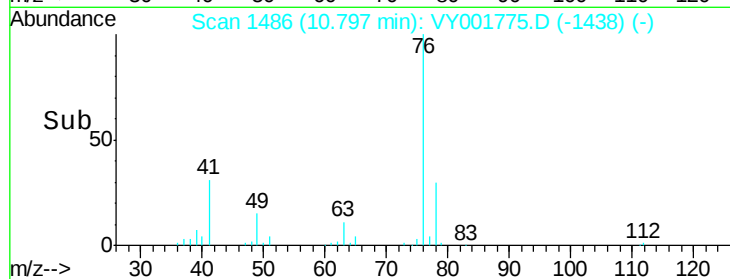
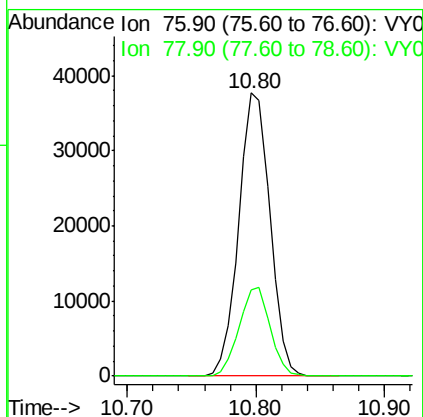
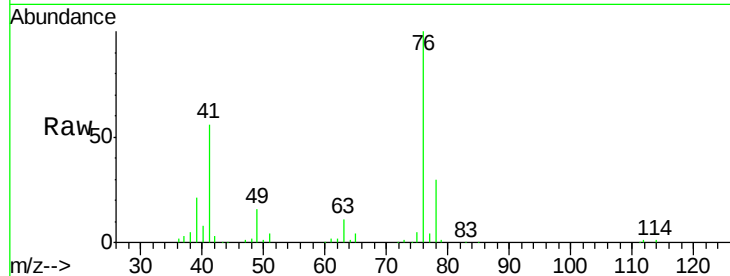




#57
 1,3-Dichloropropane
 Concen: 20.06 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

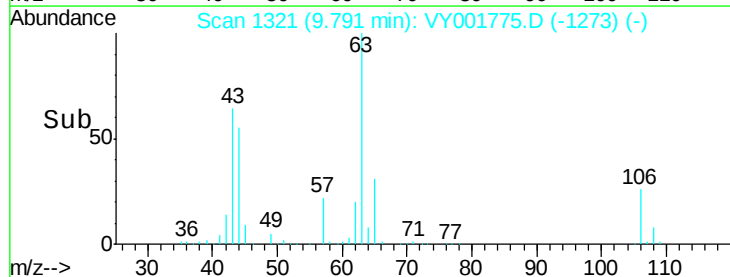
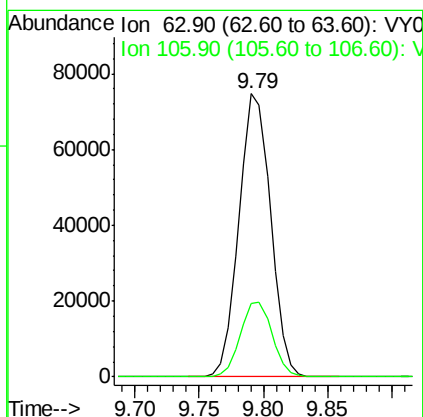
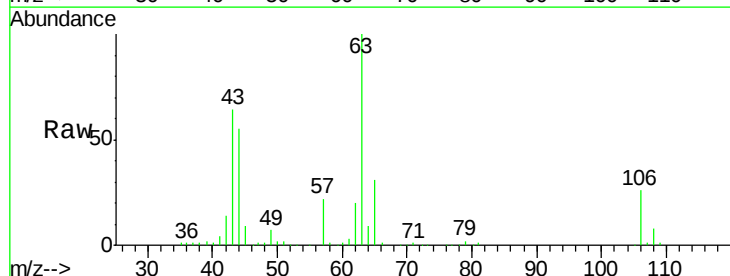
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

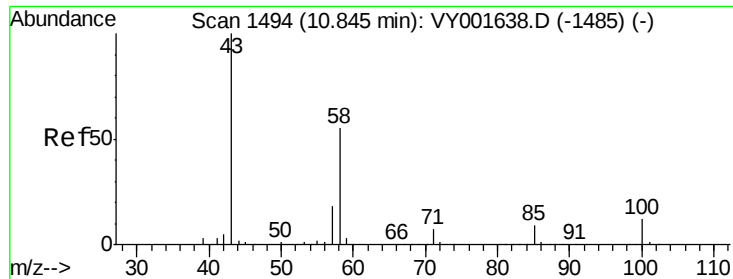
Tgt Ion: 76 Resp: 63149
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.30 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 63 Resp: 127394
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.6 32.4

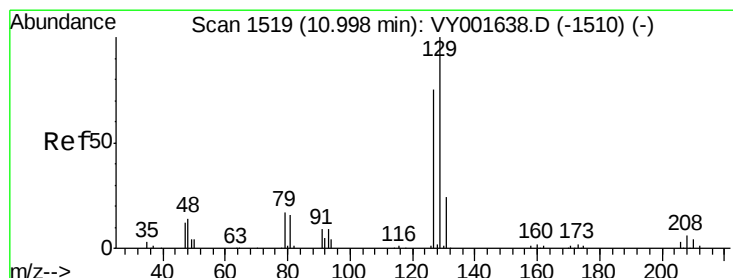
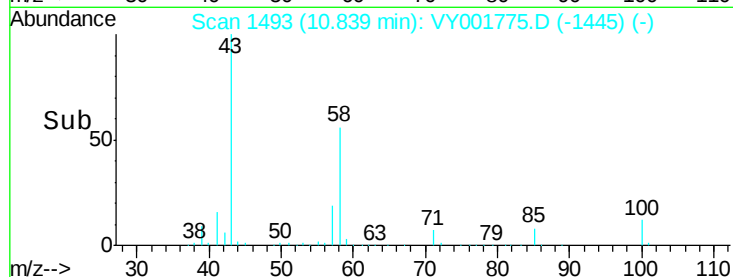
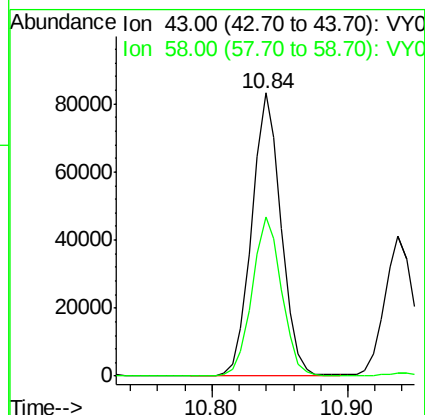
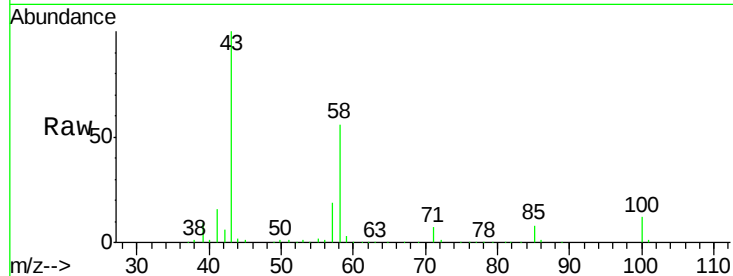




#59
2-Hexanone
Concen: 92.64 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

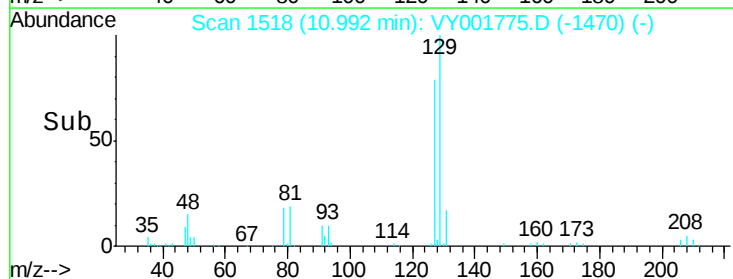
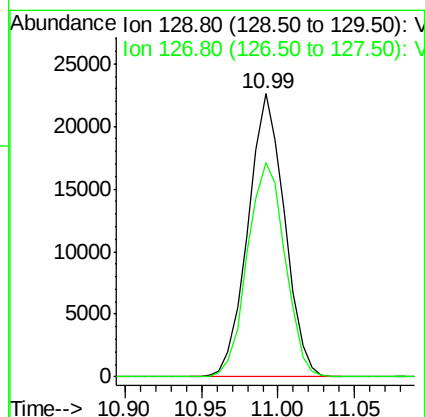
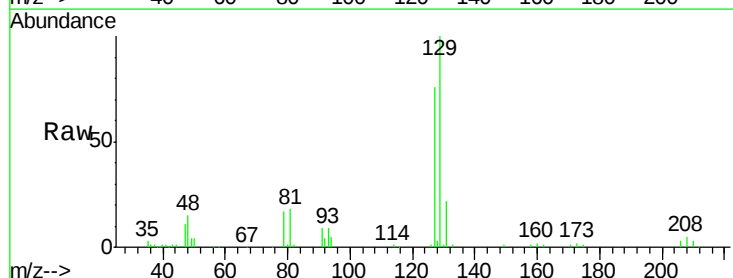
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

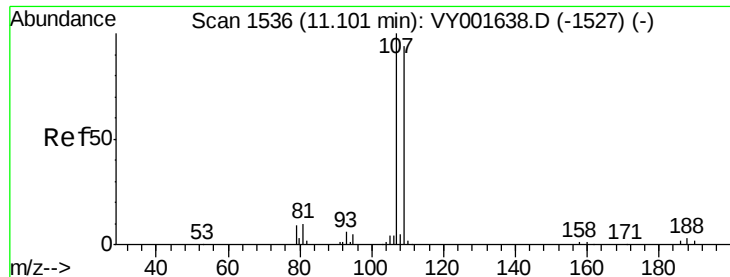
Tgt Ion: 43 Resp: 126138
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.2



#60
Dibromochloromethane
Concen: 19.23 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 129 Resp: 37559
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

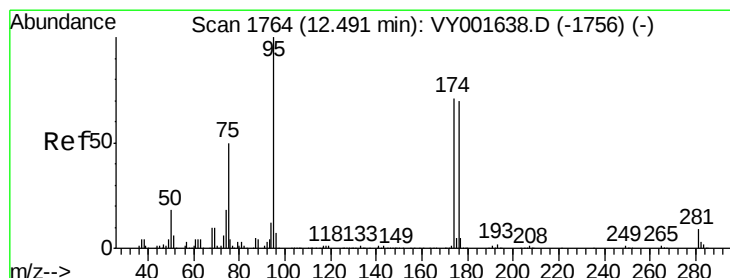
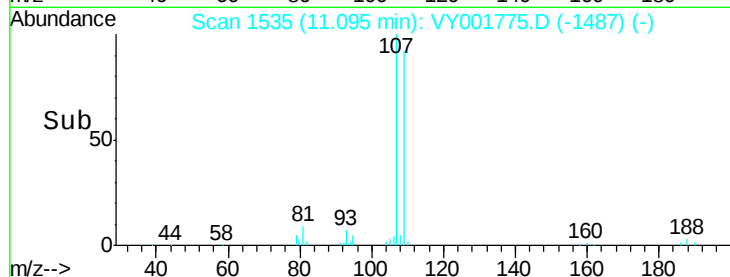
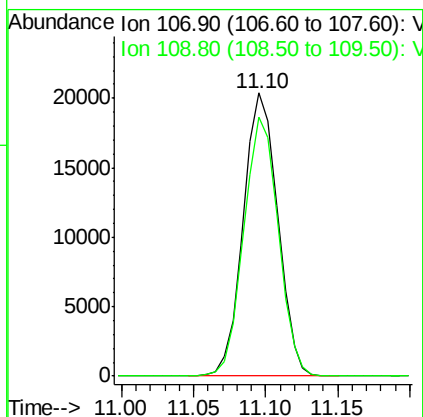
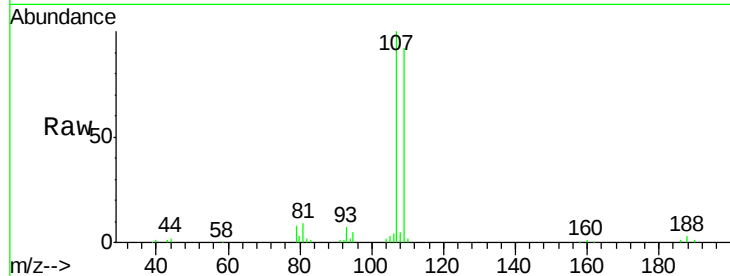




#61
 1,2-Dibromoethane
 Concen: 20.13 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

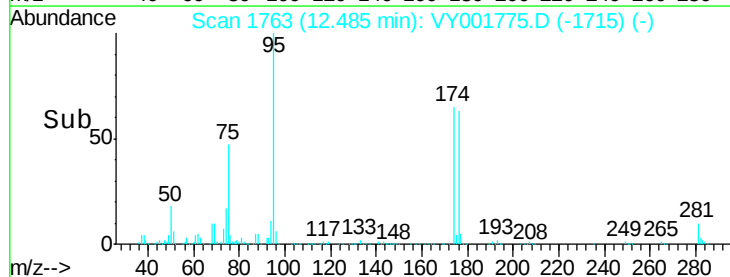
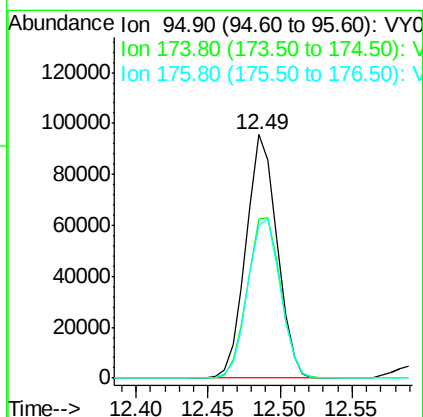
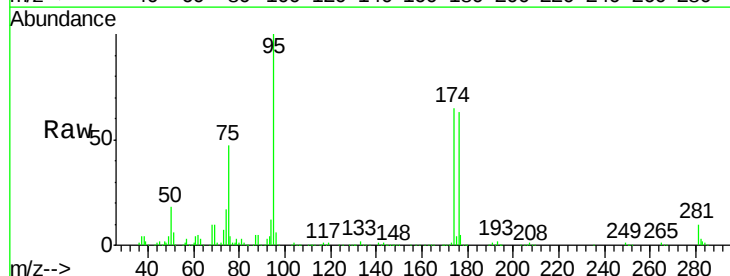
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

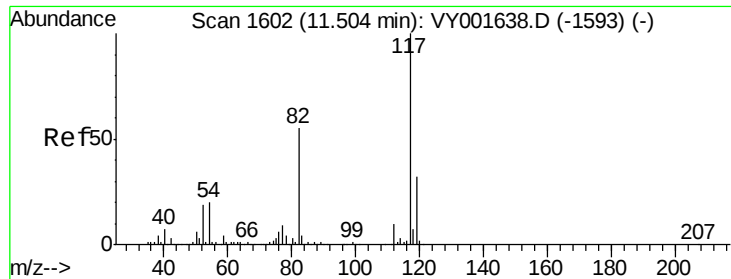
Tgt Ion: 107 Resp: 33722
 Ion Ratio Lower Upper
 107 100
 109 91.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 50.17 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion: 95 Resp: 142793
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 138.4
 176 68.8 0.0 131.8

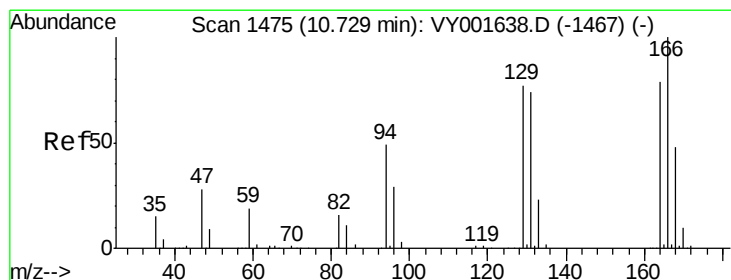
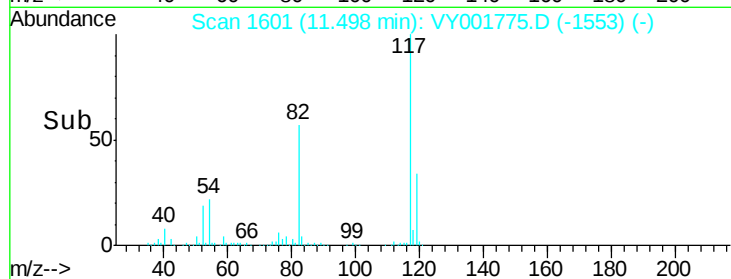
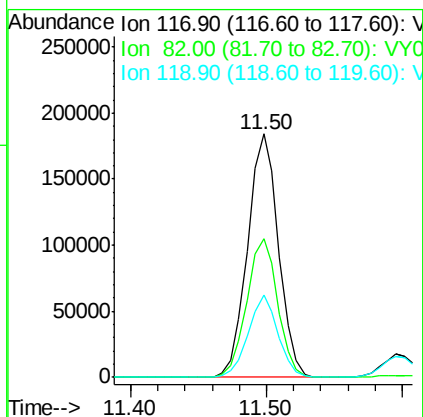
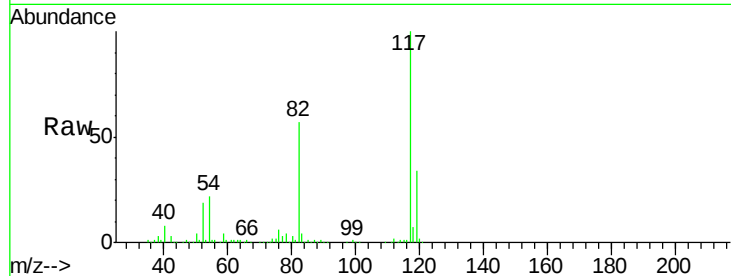




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

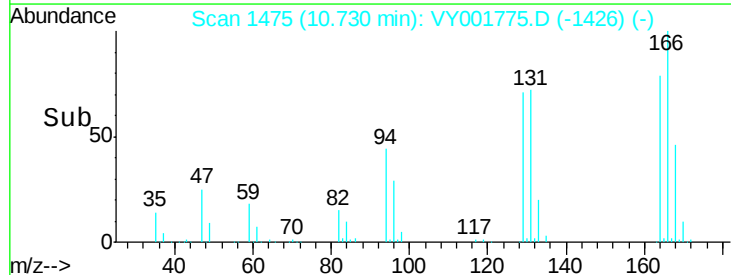
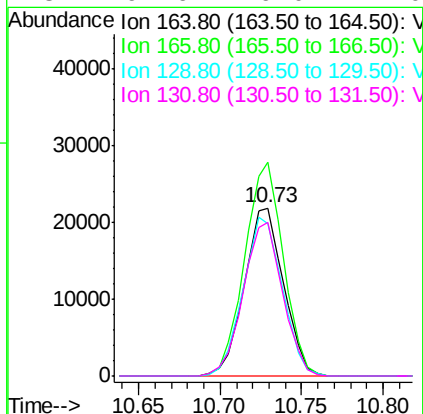
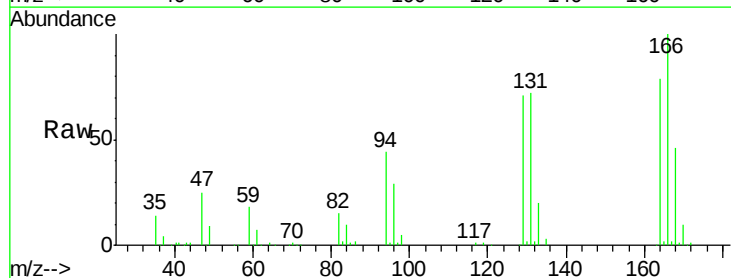
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

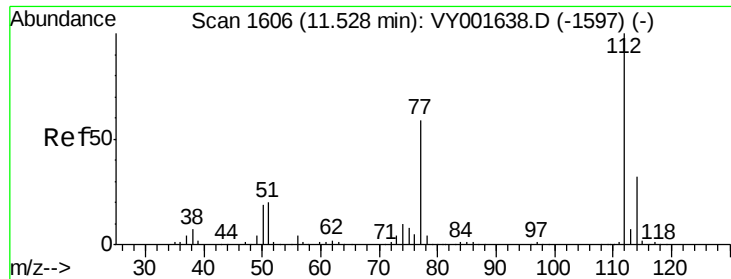
Tgt Ion:117 Resp: 292569
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 34.1 25.8 38.6



#64
Tetrachloroethene
Concen: 19.93 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion:164 Resp: 36598
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.0
129 90.5 78.7 118.1
131 91.6 76.0 114.0

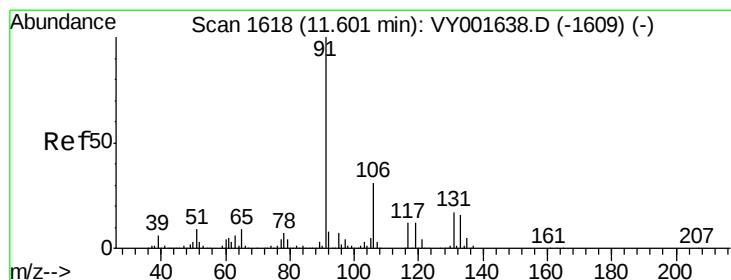
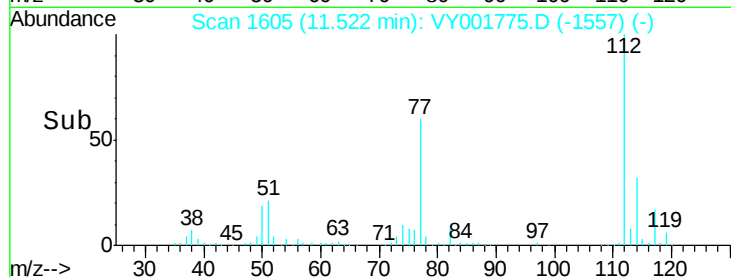
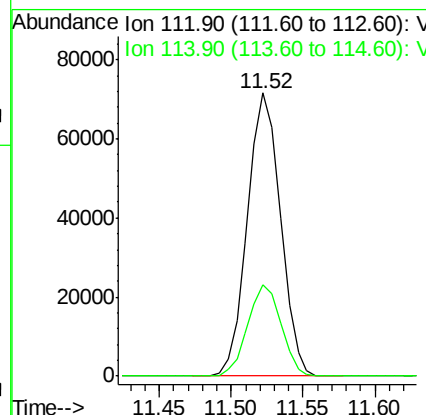
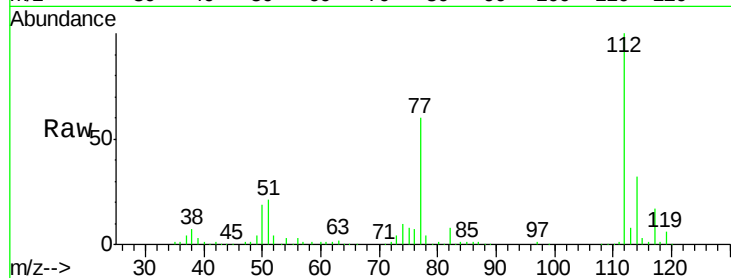




#65
Chlorobenzene
Concen: 19.51 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

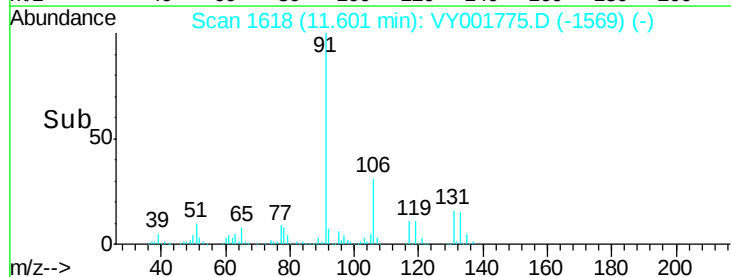
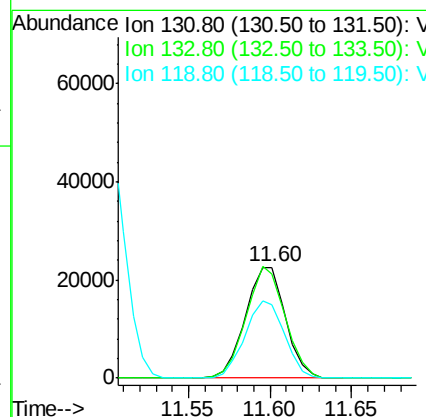
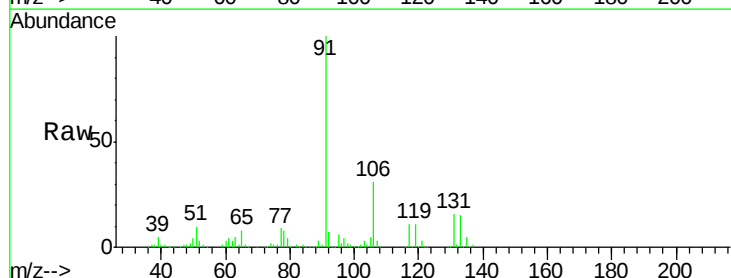
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

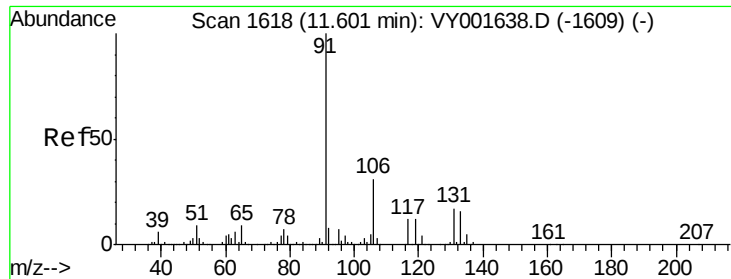
Tgt Ion:112 Resp: 113973
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.57 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion:131 Resp: 38569
Ion Ratio Lower Upper
131 100
133 98.1 47.4 142.2
119 68.5 34.4 103.1

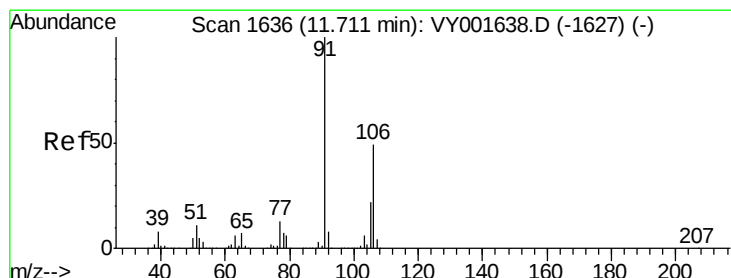
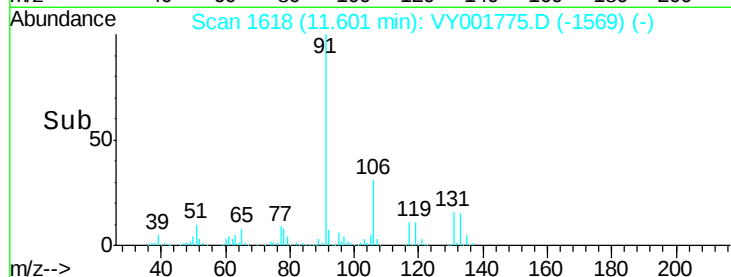
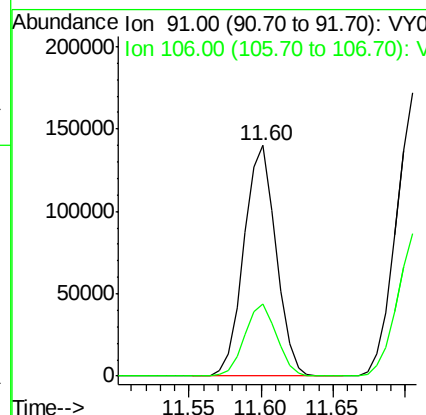
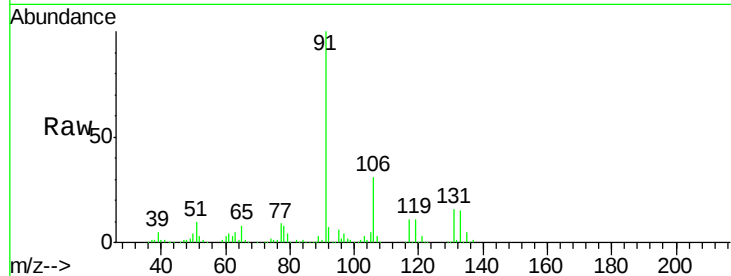




#67
Ethyl Benzene
Concen: 19.94 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

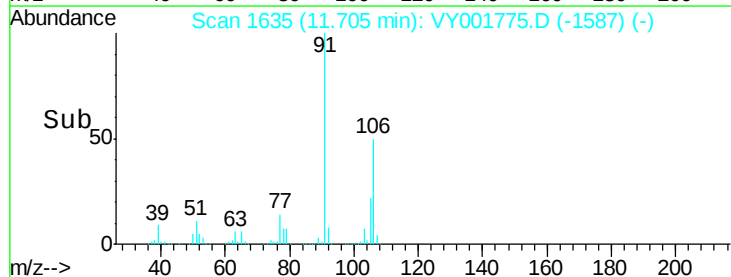
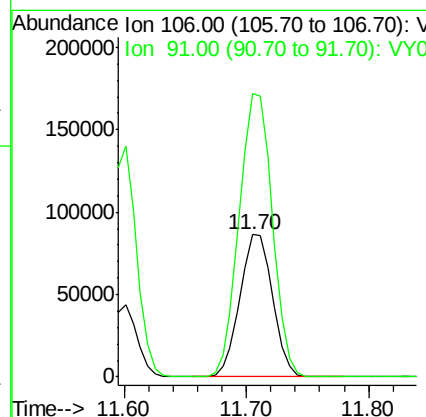
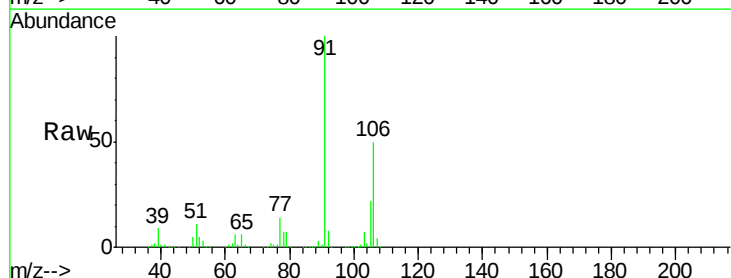
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tgt Ion: 91 Resp: 216154
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 39.62 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion: 106 Resp: 160427
Ion Ratio Lower Upper
106 100
91 201.6 163.3 244.9

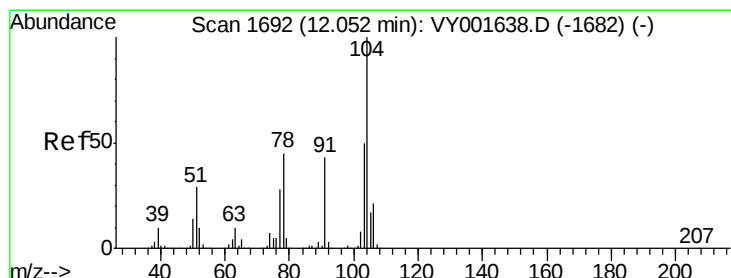
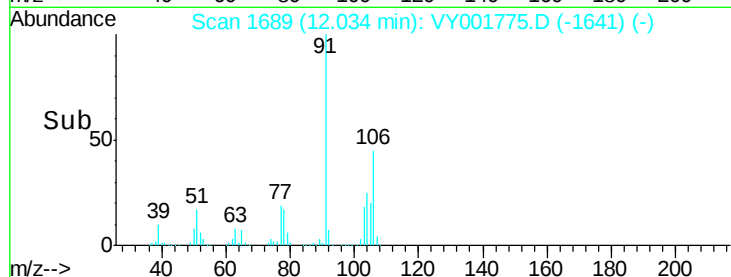
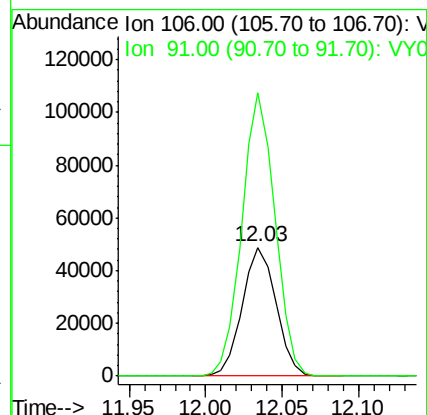
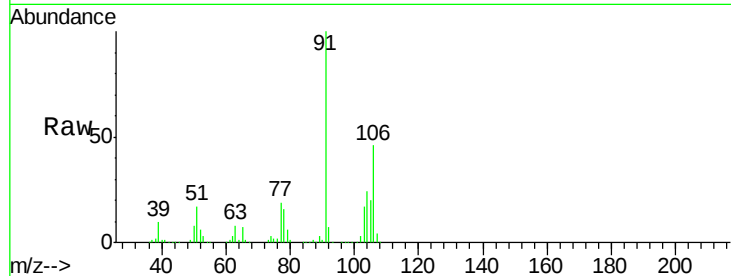




#69
o-Xylene
Concen: 19.48 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

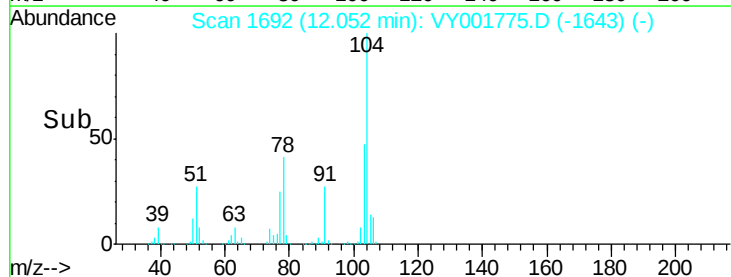
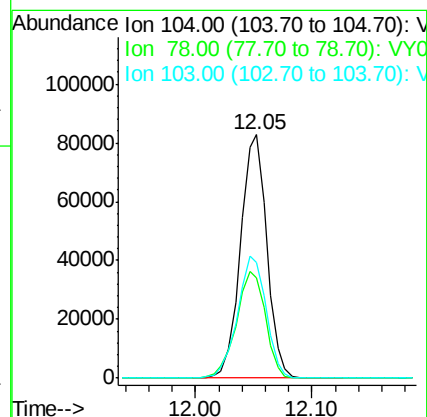
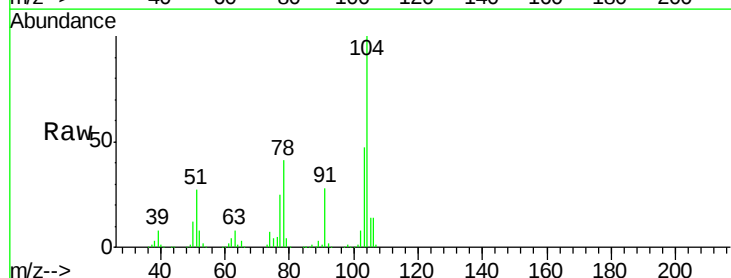
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

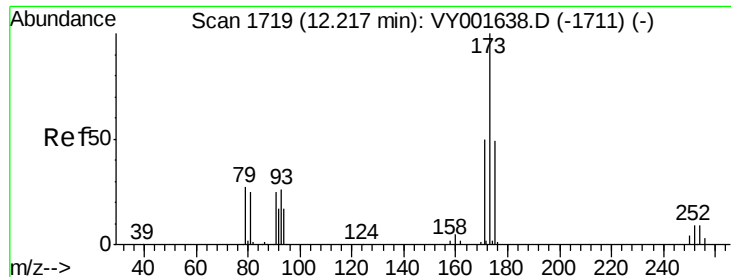
Tgt Ion:106 Resp: 74971
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.9



#70
Styrene
Concen: 19.49 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001775.D
Acq: 26 Feb 2020 11:24

Tgt Ion:104 Resp: 130417
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 54.3 43.0 64.6





#71

Bromoform

Concen: 18.96 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

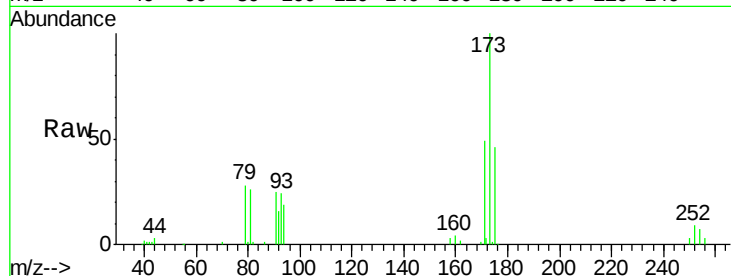
Tgt Ion:173 Resp: 21349

Ion Ratio Lower Upper

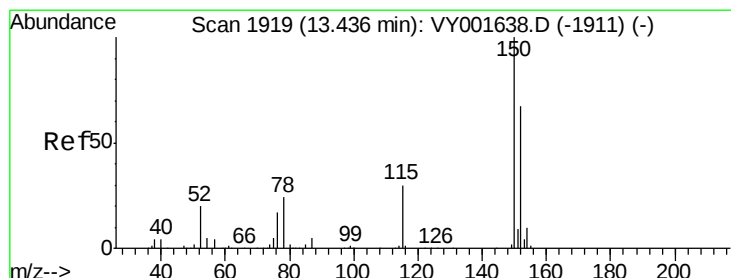
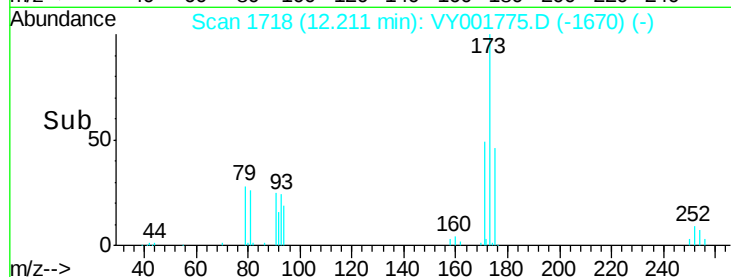
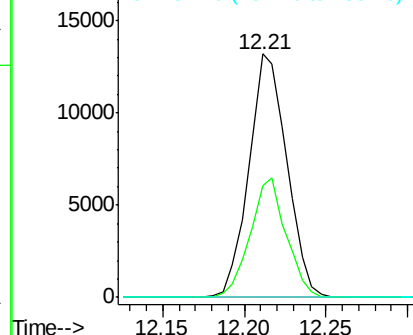
173 100

175 46.3 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: VY001775.D

Acq: 26 Feb 2020 11:24

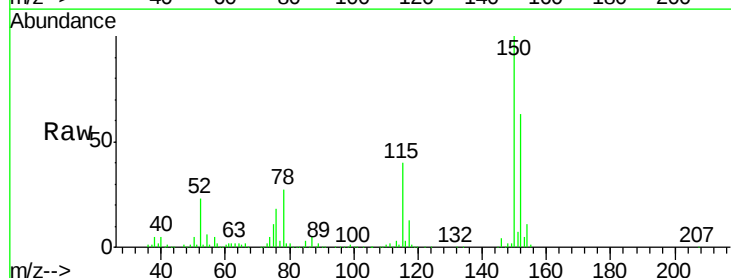
Tgt Ion:152 Resp: 136987

Ion Ratio Lower Upper

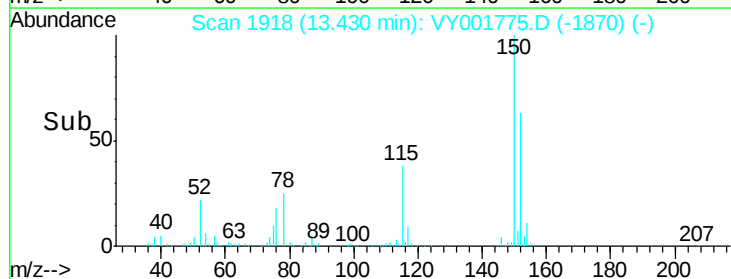
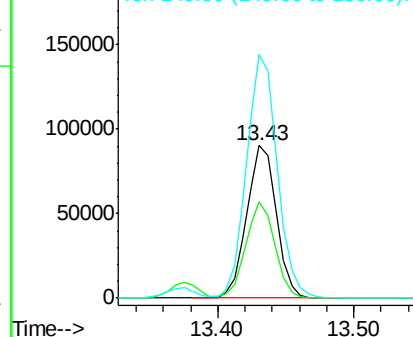
152 100

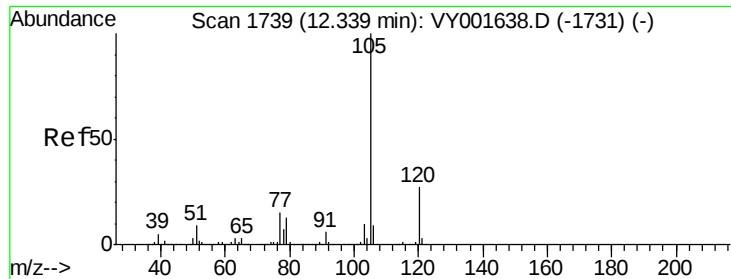
115 61.8 31.4 94.2

150 166.4 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: 19.69 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

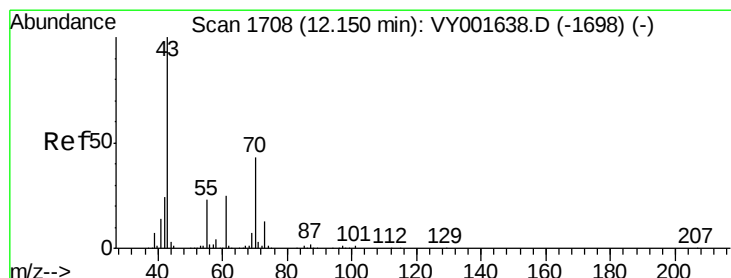
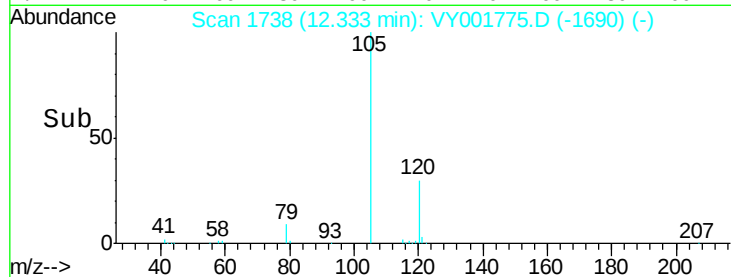
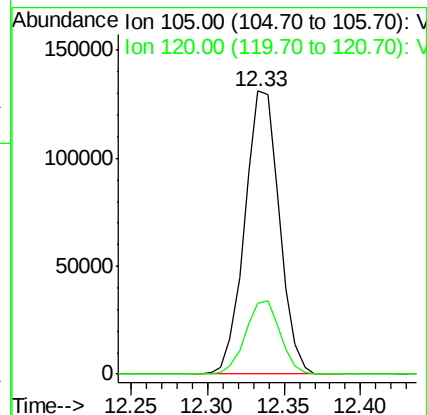
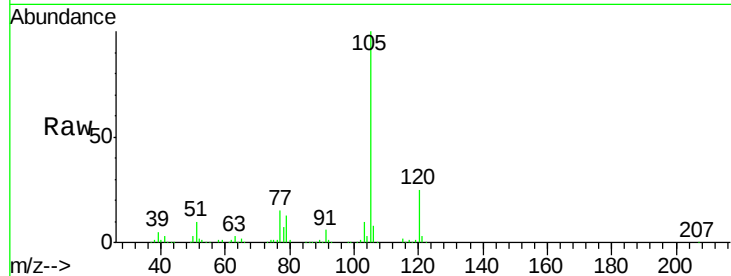
VY0226SBS01

Tgt Ion: 105 Resp: 205498

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 19.03 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Tgt Ion: 43 Resp: 63395

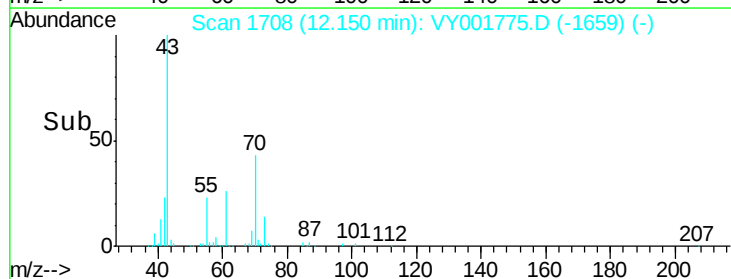
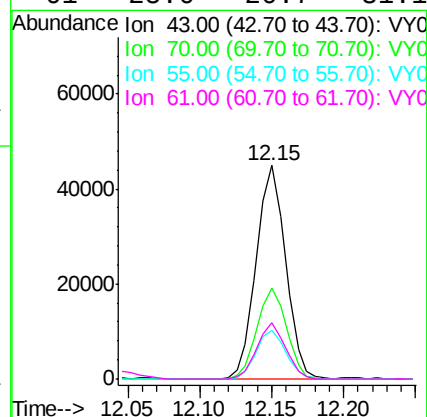
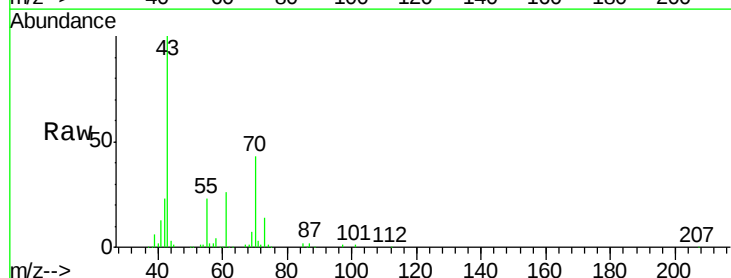
Ion Ratio Lower Upper

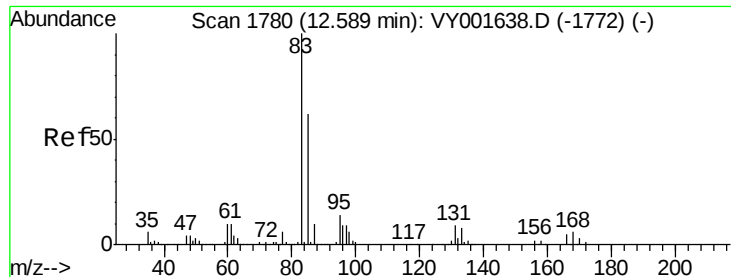
43 100

70 42.7 35.9 53.9

55 23.1 18.3 27.5

61 25.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.02 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

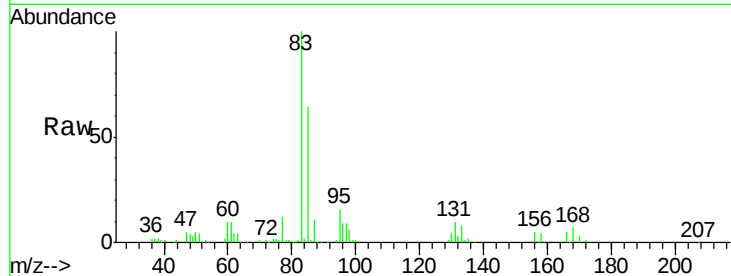
Tgt Ion: 83 Resp: 44619

Ion Ratio Lower Upper

83 100

131 9.9 4.7 14.1

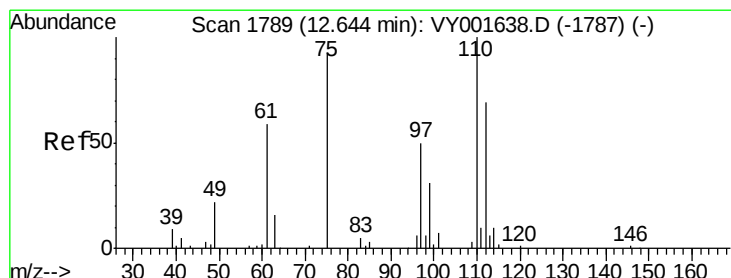
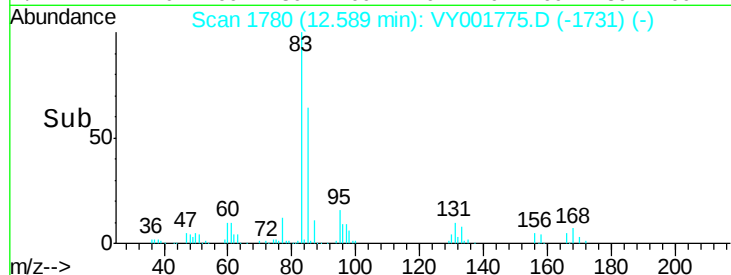
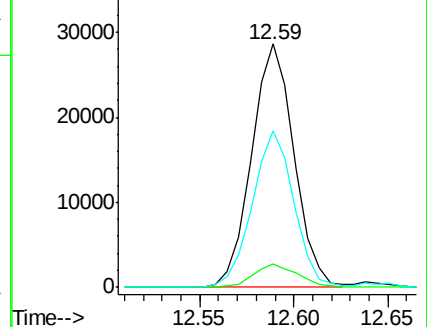
85 62.9 31.6 94.7



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: 36.30 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001775.D

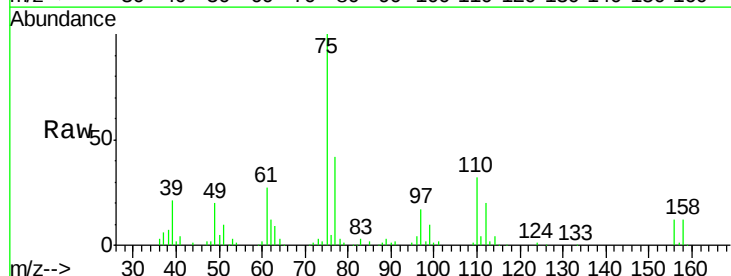
Acq: 26 Feb 2020 11:24

Tgt Ion: 75 Resp: 57037

Ion Ratio Lower Upper

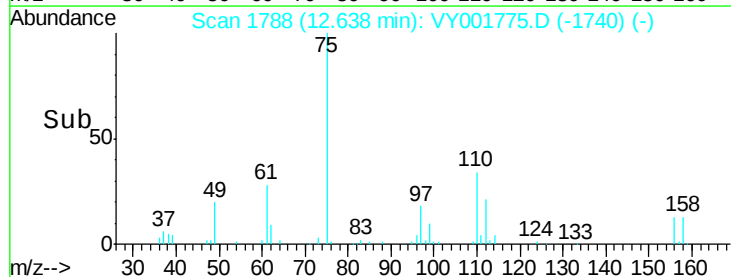
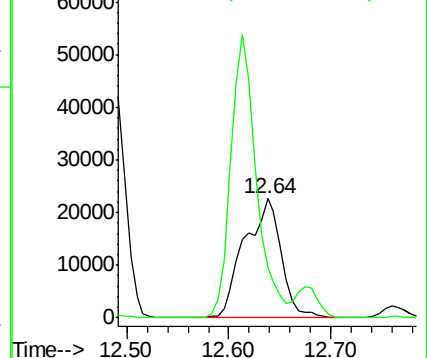
75 100

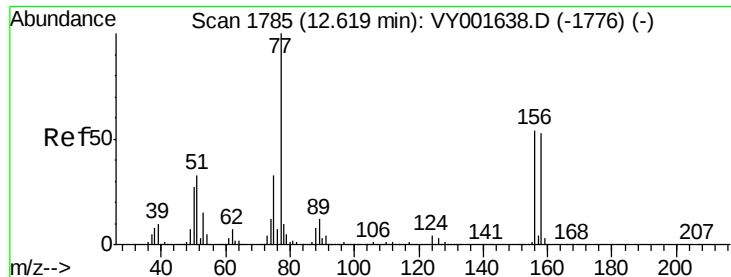
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.63 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

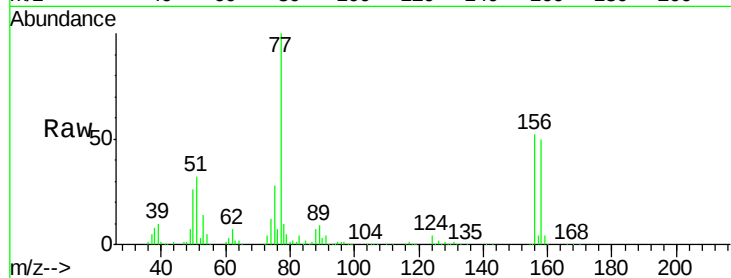
Tgt Ion:156 Resp: 44404

Ion Ratio Lower Upper

156 100

77 209.8 110.1 330.1

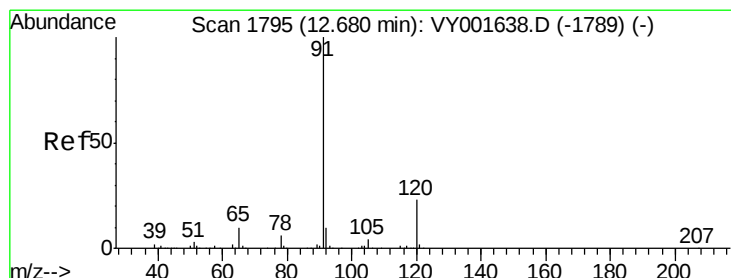
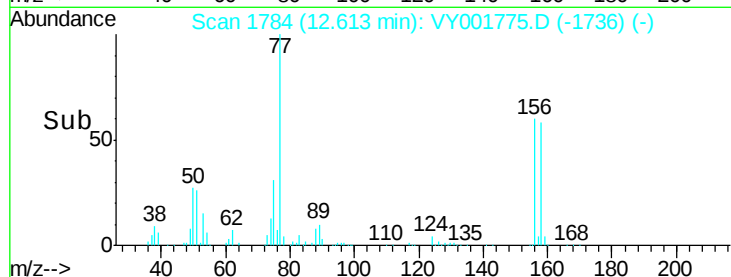
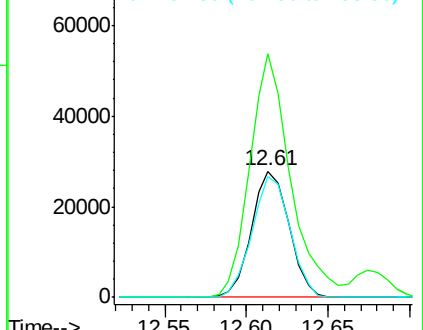
158 97.3 47.9 143.7



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: 19.92 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001775.D

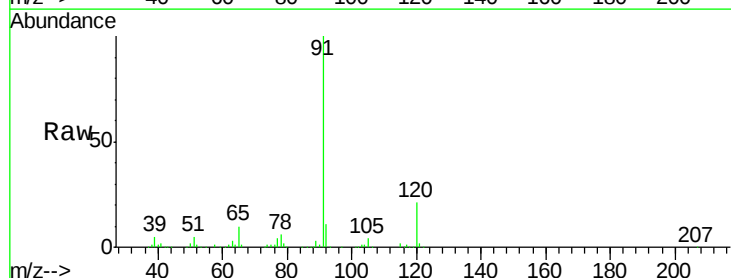
Acq: 26 Feb 2020 11:24

Tgt Ion: 91 Resp: 253140

Ion Ratio Lower Upper

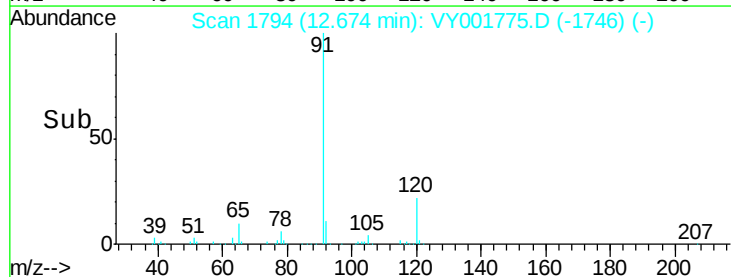
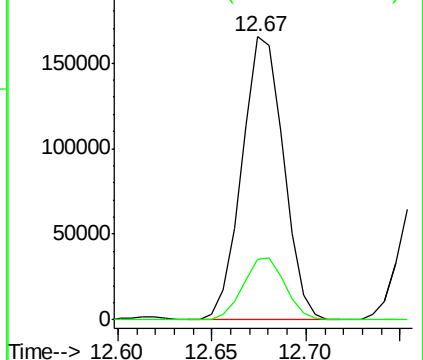
91 100

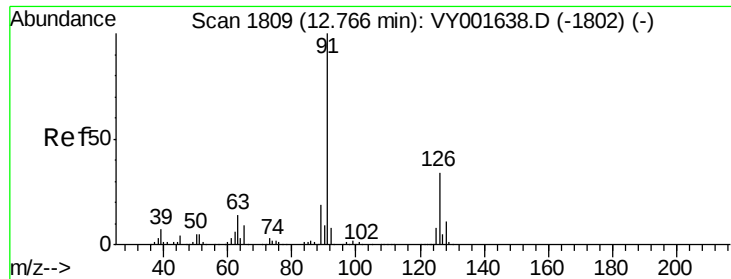
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.66 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

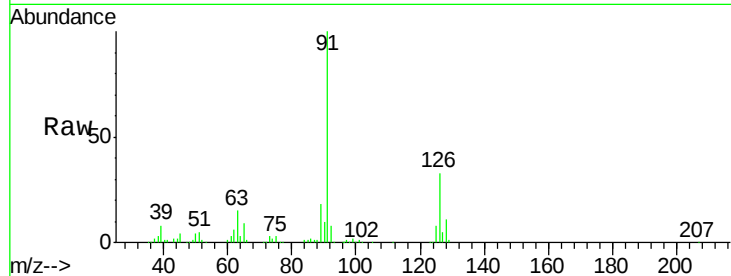
VY0226SBS01

Tgt Ion: 91 Resp: 140181

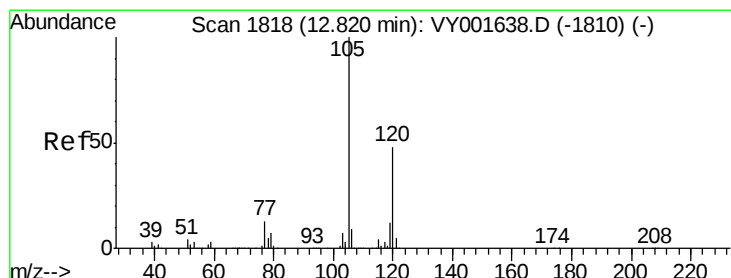
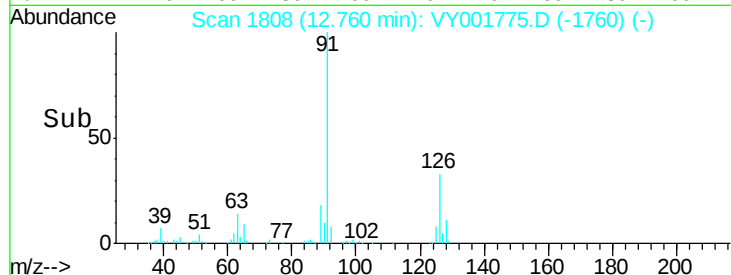
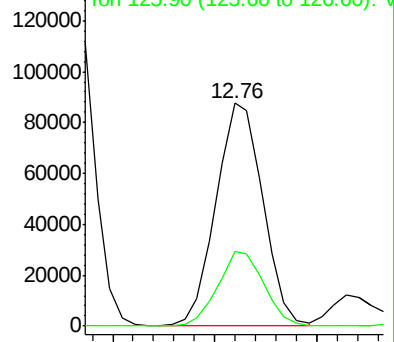
Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.86 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001775.D

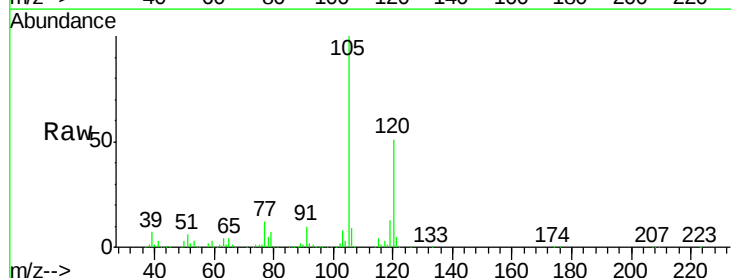
Acq: 26 Feb 2020 11:24

Tgt Ion: 105 Resp: 171549

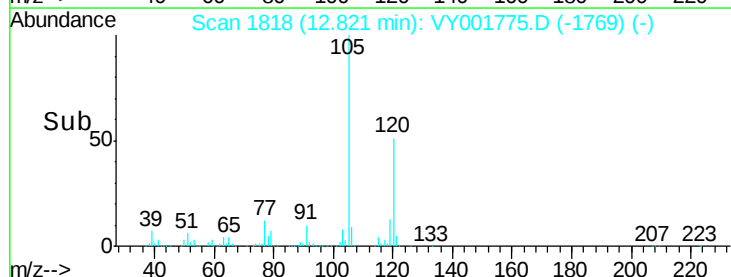
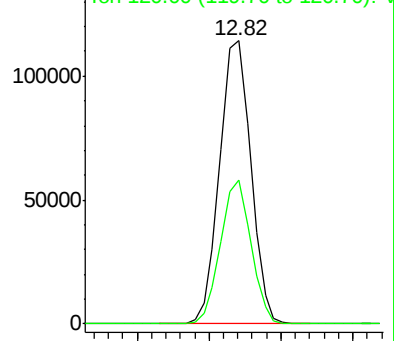
Ion Ratio Lower Upper

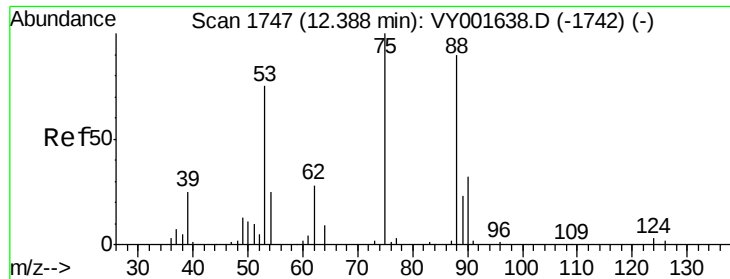
105 100

120 49.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.03 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

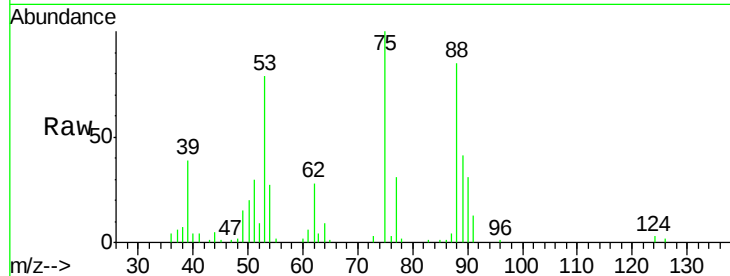
Tgt Ion: 75 Resp: 15762

Ion Ratio Lower Upper

75 100

53 83.4 64.5 96.7

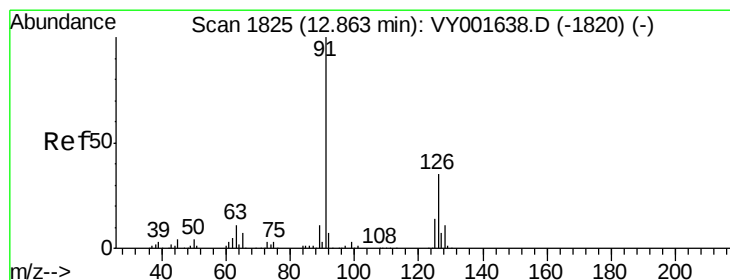
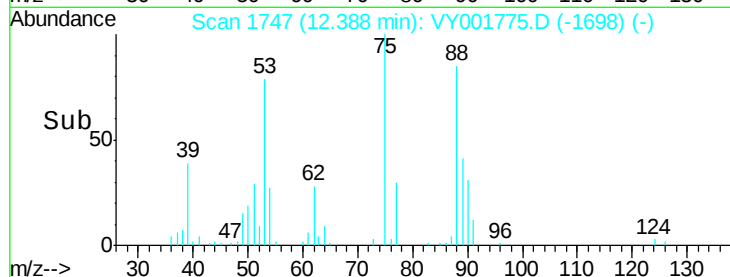
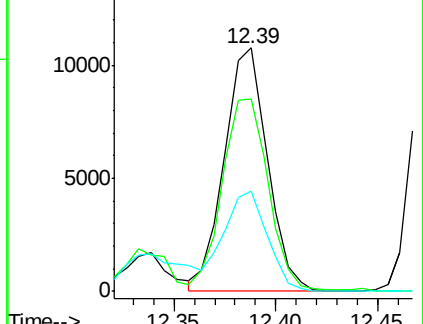
89 41.8 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.88 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001775.D

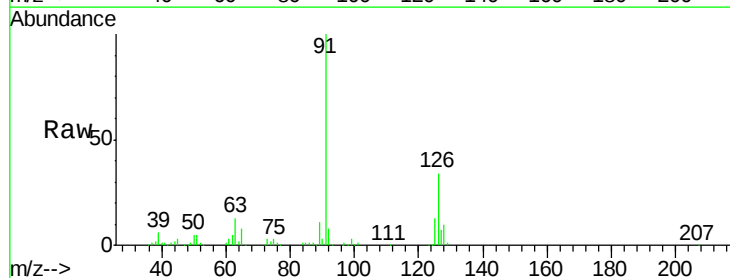
Acq: 26 Feb 2020 11:24

Tgt Ion: 91 Resp: 149454

Ion Ratio Lower Upper

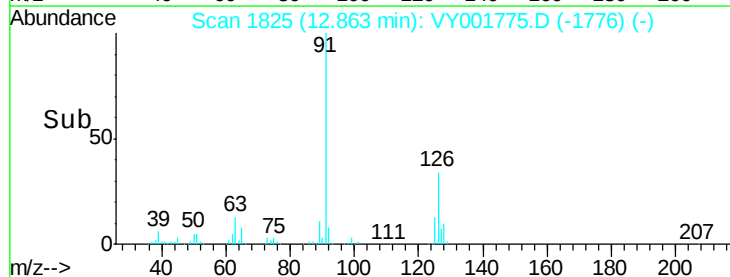
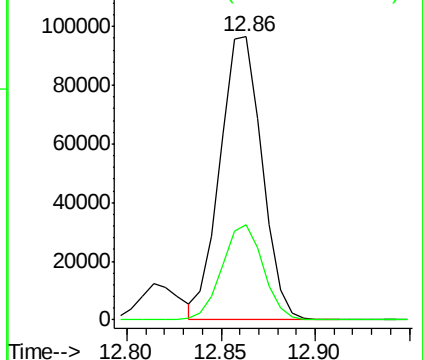
91 100

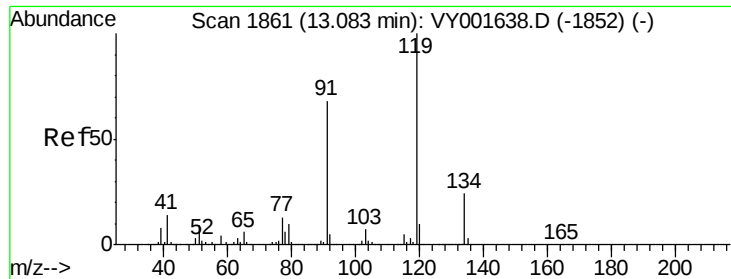
126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

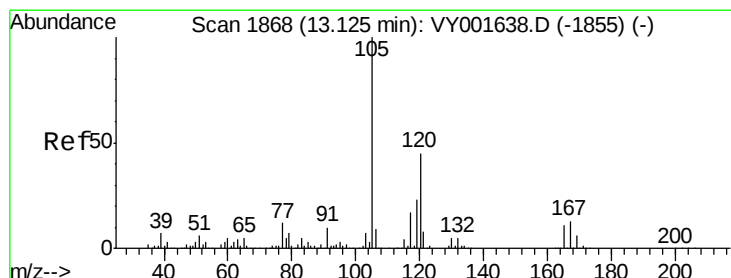
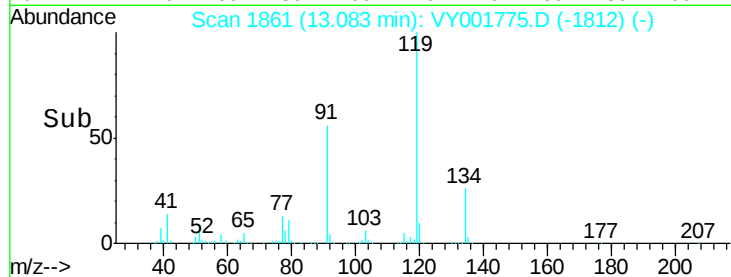
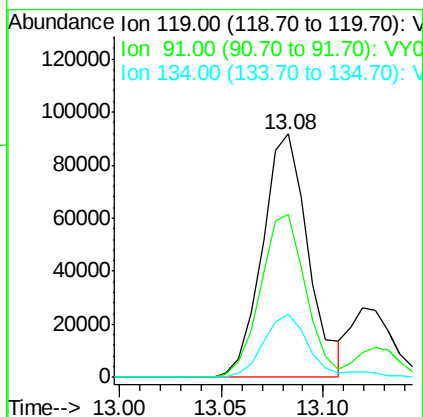
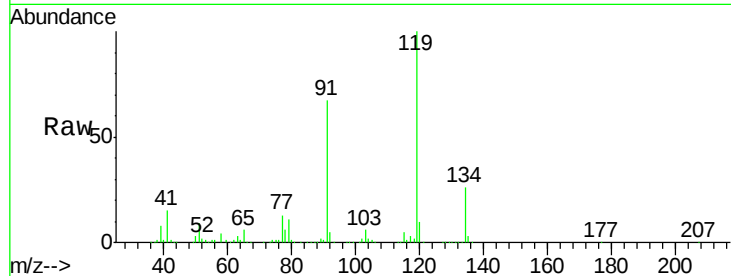




#83
 tert-Butylbenzene
 Concen: 19.89 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

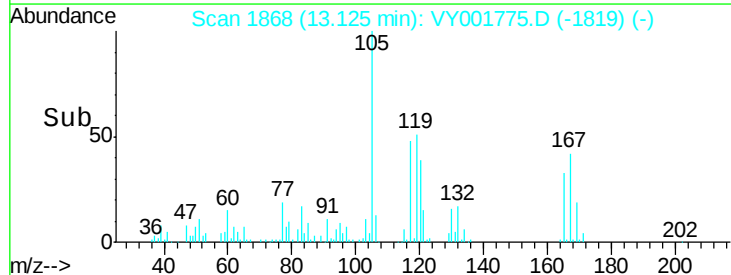
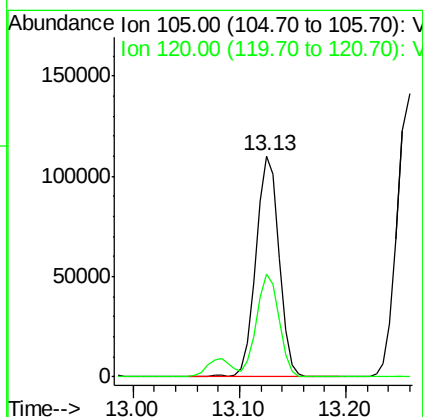
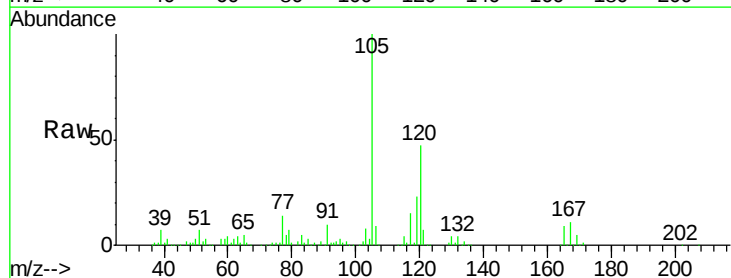
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

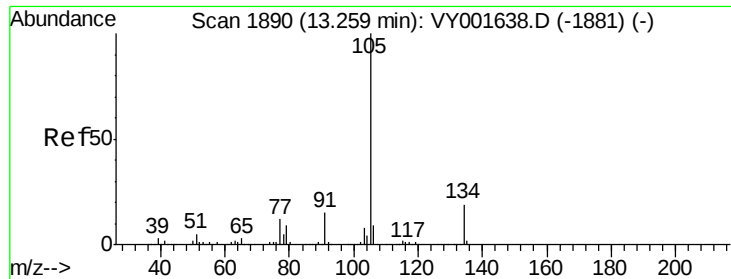
Tgt Ion:119 Resp: 143719
 Ion Ratio Lower Upper
 119 100
 91 66.0 33.5 100.5
 134 26.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.57 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion:105 Resp: 168509
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3

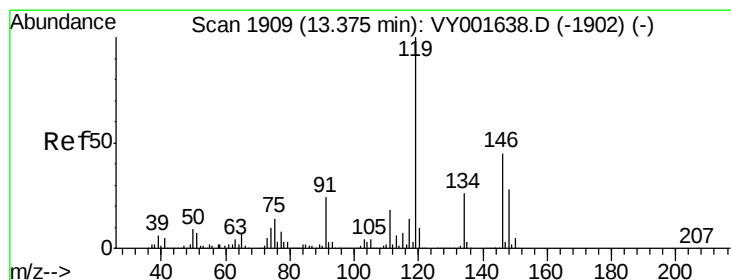
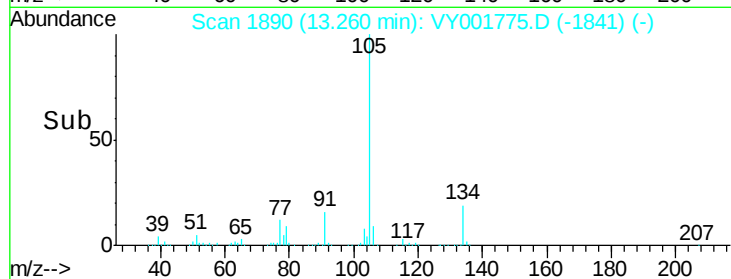
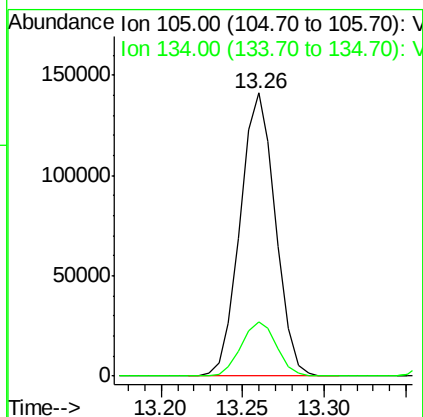
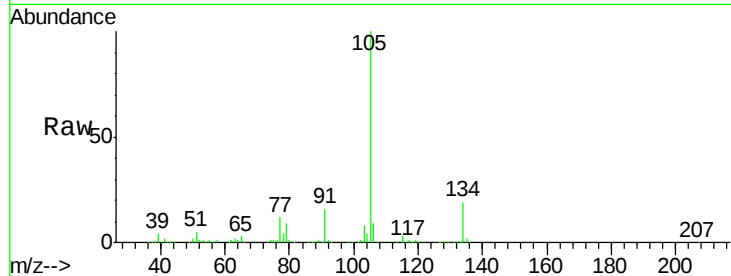




#85
 sec-Butylbenzene
 Concen: 19.99 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

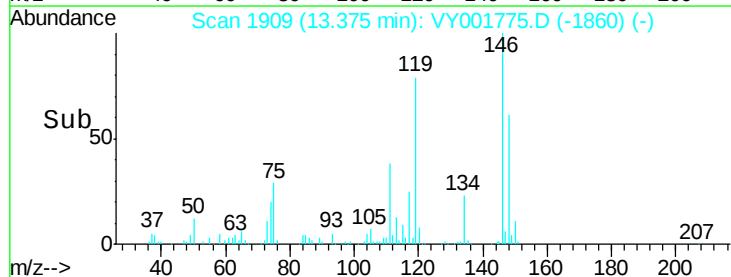
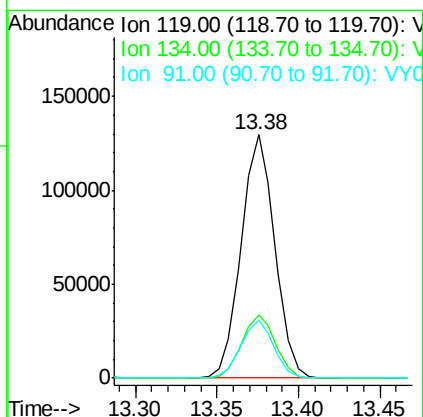
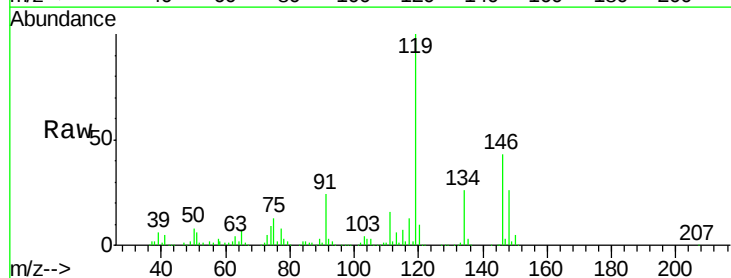
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

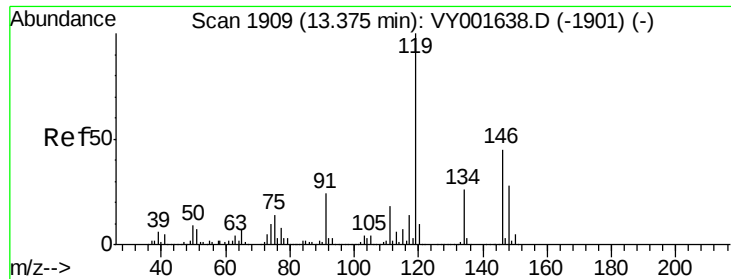
Tgt Ion:105 Resp: 212409
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.08 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion:119 Resp: 185362
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.99 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

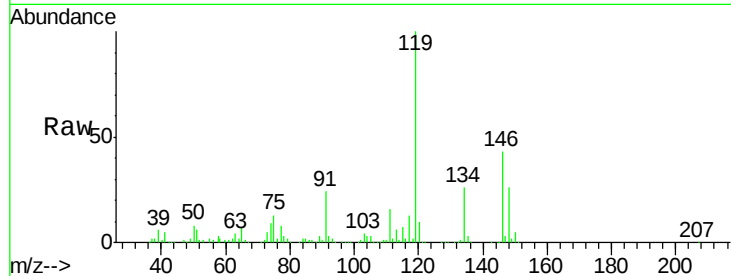
Tgt Ion:146 Resp: 87693

Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.3

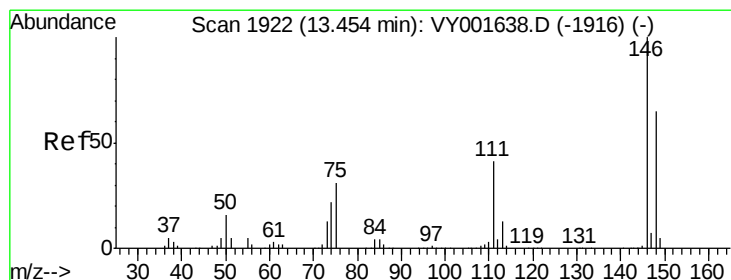
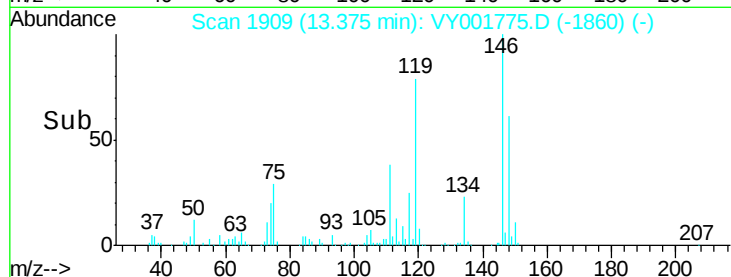
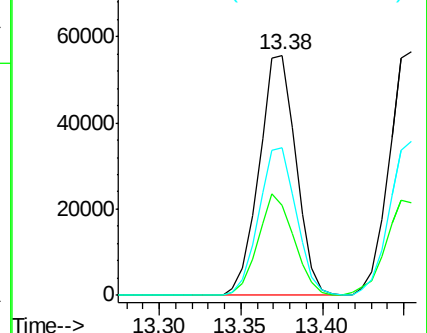
148 62.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.72 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

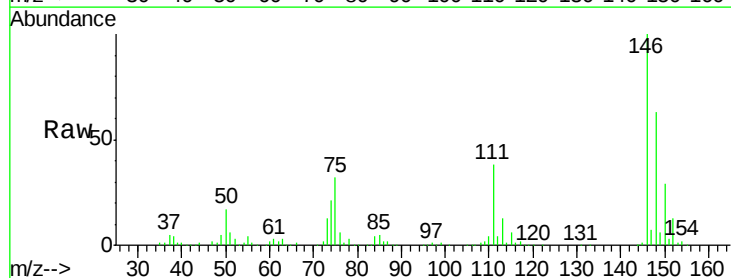
Tgt Ion:146 Resp: 87443

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.3

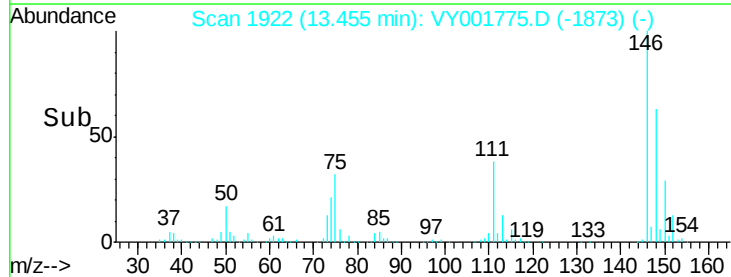
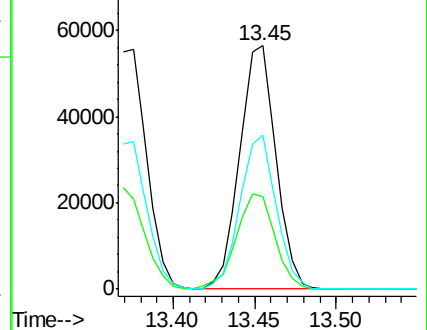
148 63.1 31.6 94.7

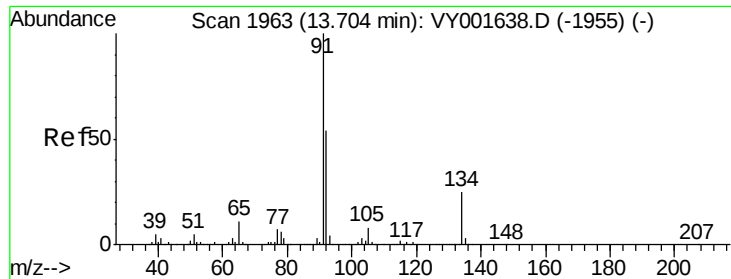


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.12 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

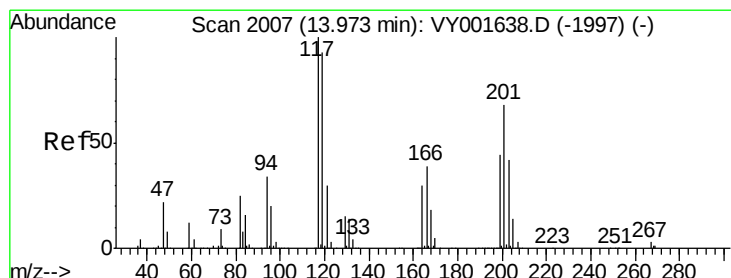
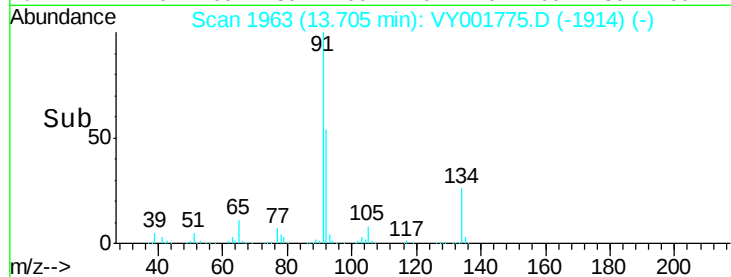
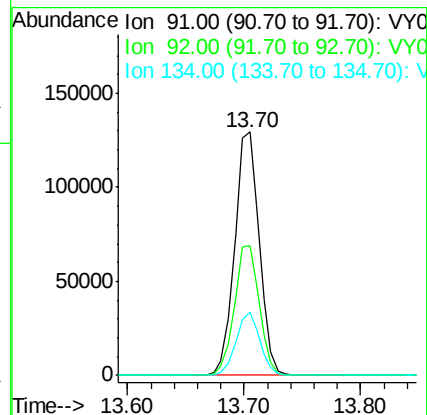
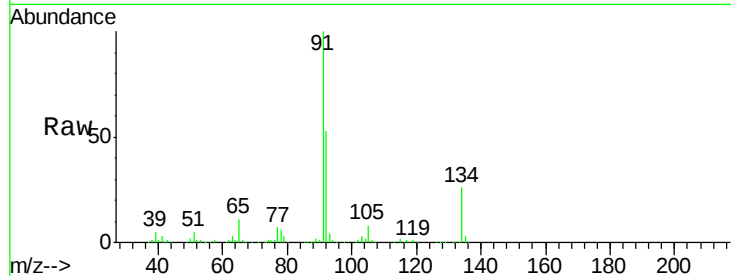
Tgt Ion: 91 Resp: 189770

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

134 25.2 12.4 37.4



#90

Hexachloroethane

Concen: 19.30 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY001775.D

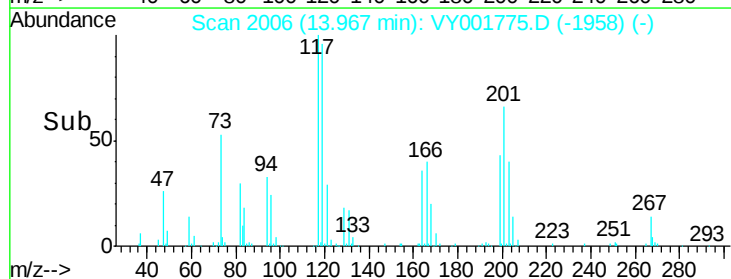
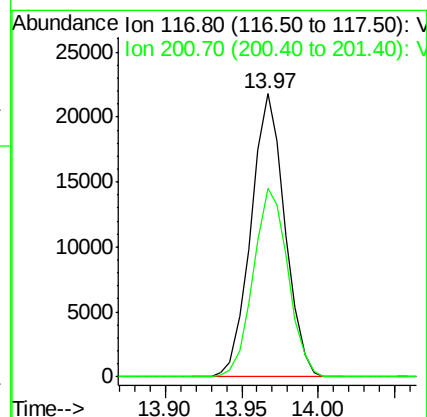
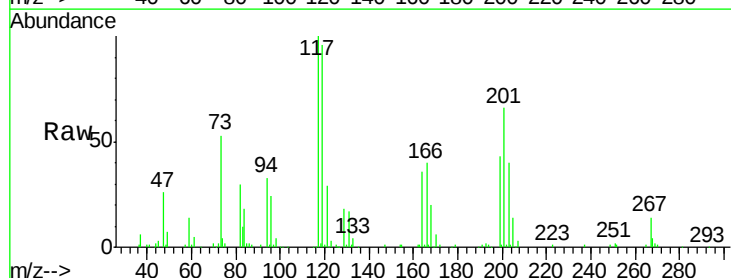
Acq: 26 Feb 2020 11:24

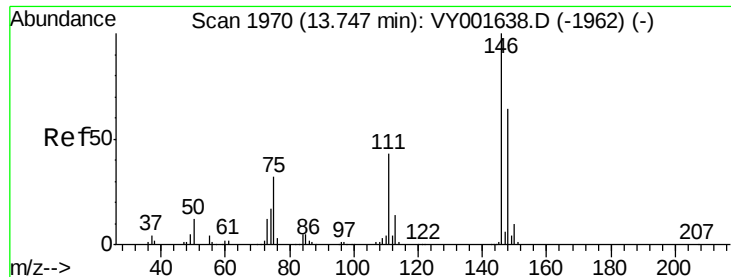
Tgt Ion: 117 Resp: 33567

Ion Ratio Lower Upper

117 100

201 68.3 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 19.61 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

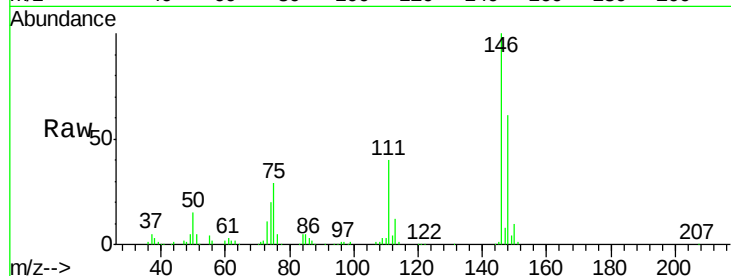
Tgt Ion: 146 Resp: 79387

Ion Ratio Lower Upper

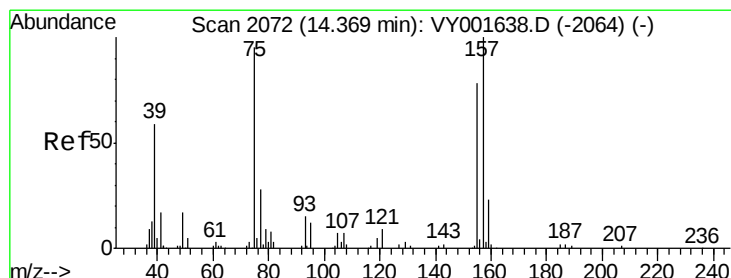
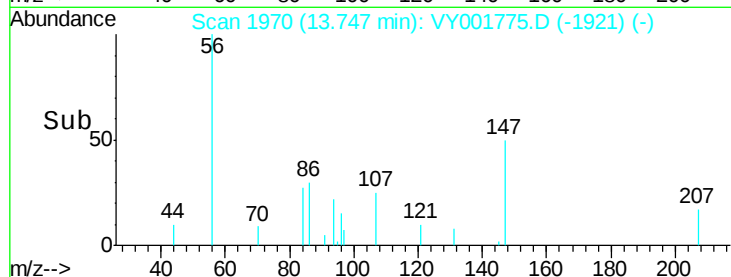
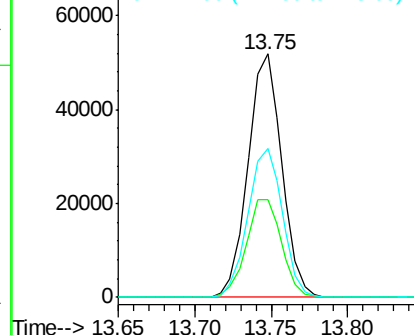
146 100

111 42.2 21.9 65.7

148 62.8 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.54 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

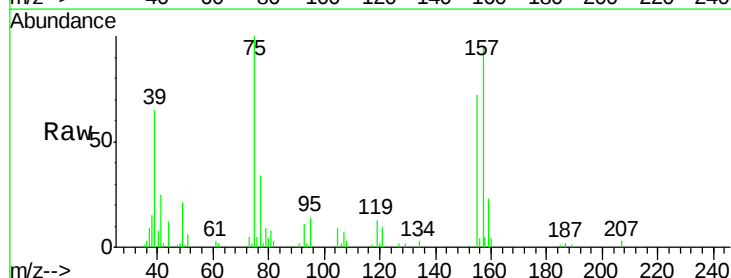
Tgt Ion: 75 Resp: 7185

Ion Ratio Lower Upper

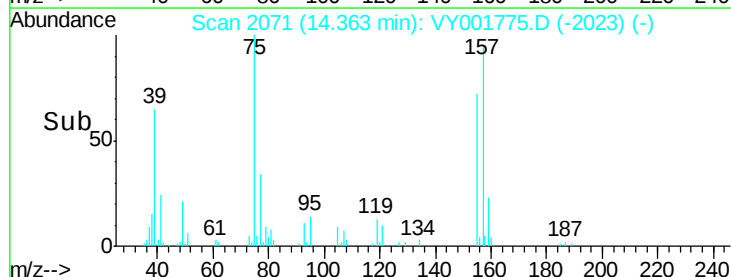
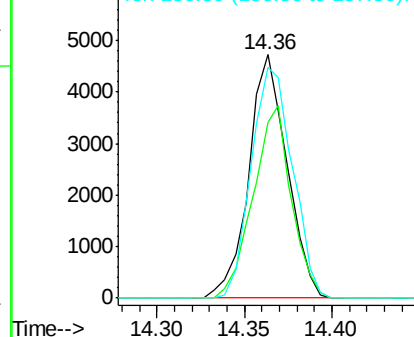
75 100

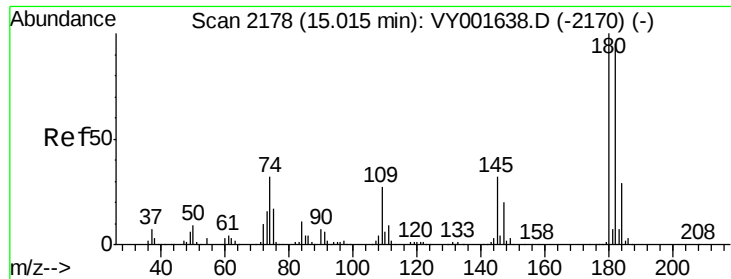
155 78.7 40.8 122.4

157 102.4 52.1 156.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

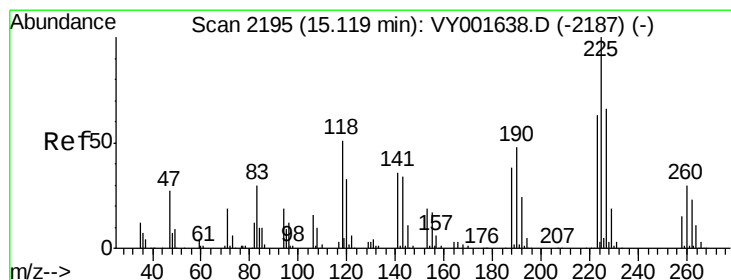
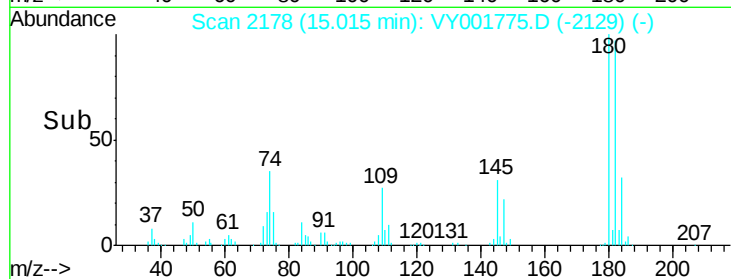
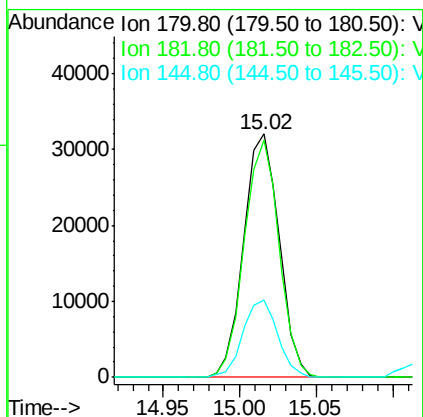
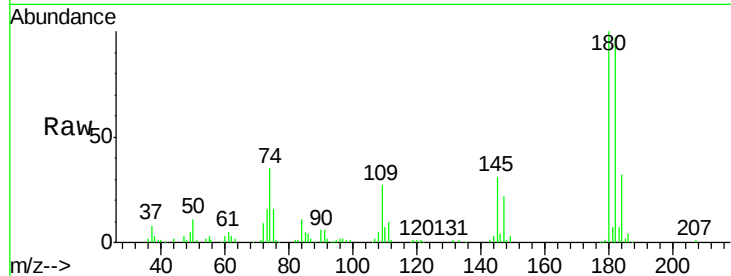




#93
 1,2,4-Trichlorobenzene
 Concen: 19.31 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

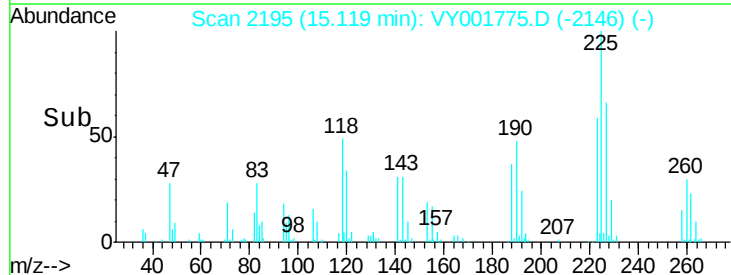
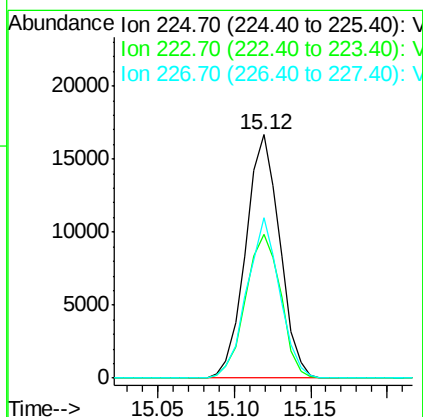
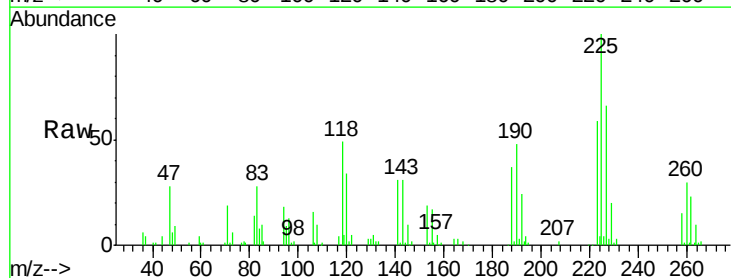
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

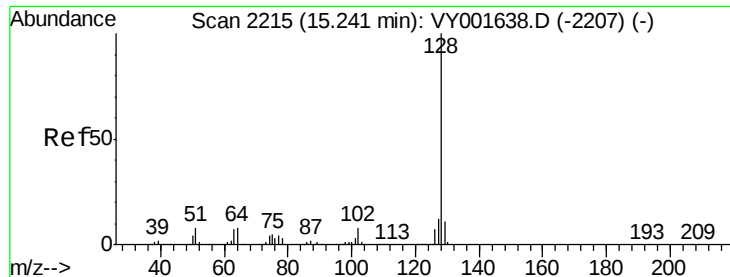
Tgt Ion:180 Resp: 51818
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.8 140.3
 145 31.0 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 19.37 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001775.D
 Acq: 26 Feb 2020 11:24

Tgt Ion:225 Resp: 25844
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.4 94.0
 227 63.3 31.6 94.8





#95

Naphthalene

Concen: 19.20 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

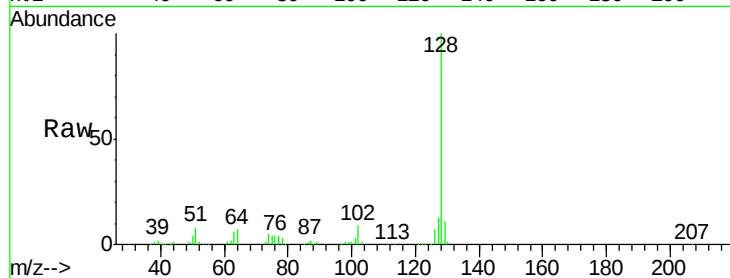
Tgt Ion:128 Resp: 118783

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

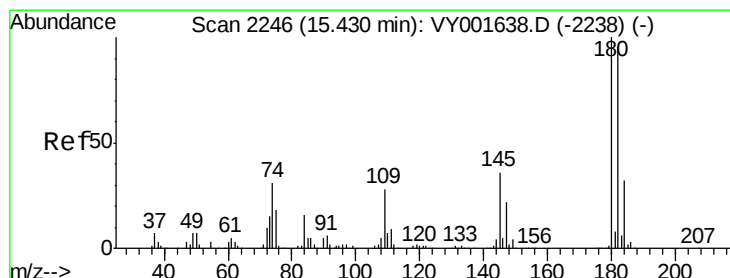
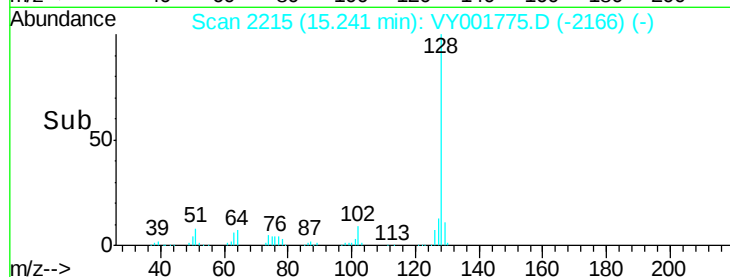
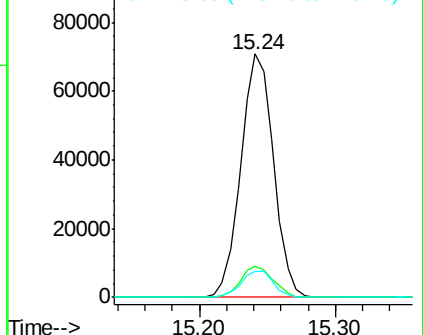
129 10.7 8.6 13.0



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: 19.73 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001775.D

Acq: 26 Feb 2020 11:24

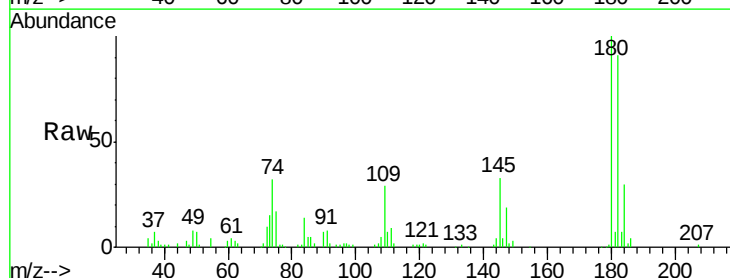
Tgt Ion:180 Resp: 46584

Ion Ratio Lower Upper

180 100

182 92.0 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

