

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003180.D
 Acq On : 13 Jul 2020 12:25
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Quant Time: Jul 14 03:55:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	738802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	358818	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	213864	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	7.72	113	207636	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
50) Toluene-d8	10.18	98	765361	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.48	95	280152	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	85631	23.713	ug/l	97
3) Chloromethane	2.11	50	118497	23.657	ug/l	96
4) Vinyl Chloride	2.26	62	110912	21.581	ug/l	99
5) Bromomethane	2.65	94	85787	22.473	ug/l	99
6) Chloroethane	2.79	64	72917	21.602	ug/l	96
7) Trichlorofluoromethane	3.13	101	160756	21.903	ug/l	100
8) Diethyl Ether	3.54	74	52527	21.358	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	95519	21.549	ug/l	99
10) Methyl Iodide	4.10	142	101598	21.097	ug/l	99
11) Tert butyl alcohol	4.96	59	50820	110.518	ug/l	99
12) 1,1-Dichloroethene	3.87	96	90558	21.600	ug/l	91
13) Acrolein	3.74	56	38928	97.533	ug/l	98
14) Allyl chloride	4.49	41	138906	22.328	ug/l	100
15) Acrylonitrile	5.18	53	127067	107.557	ug/l	98
16) Acetone	3.95	43	105435	110.997	ug/l	98
17) Carbon Disulfide	4.20	76	283155	22.009	ug/l	98
18) Methyl Acetate	4.48	43	57619	21.842	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	253384	21.566	ug/l	99
20) Methylene Chloride	4.72	84	123078	22.758	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	101558	21.416	ug/l	95
22) Diisopropyl ether	6.13	45	304793	22.075	ug/l	98
23) Vinyl Acetate	6.07	43	1003576	109.053	ug/l	99
24) 1,1-Dichloroethane	6.03	63	173503	21.691	ug/l	98
25) 2-Butanone	7.00	43	169840	108.897	ug/l	99
26) 2,2-Dichloropropane	6.99	77	158633	22.021	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	113617	21.761	ug/l	99
28) Bromochloromethane	7.34	49	77107	22.265	ug/l	97
29) Tetrahydrofuran	7.36	42	112223	107.110	ug/l	99
30) Chloroform	7.52	83	177564	21.553	ug/l	97
31) Cyclohexane	7.79	56	165260	21.365	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	161948	21.835	ug/l	98
36) 1,1-Dichloropropene	7.92	75	142099	21.222	ug/l	99
37) Ethyl Acetate	7.08	43	79042	21.920	ug/l	99
38) Carbon Tetrachloride	7.91	117	145213	21.007	ug/l	94

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 Sample : VY0713SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	174756	20.776	ug/l	96
40) Benzene	8.16	78	394906	21.419	ug/l	97
41) Methacrylonitrile	7.36	41	105008	48.351	ug/l #	45
42) 1,2-Dichloroethane	8.24	62	120479	21.226	ug/l	100
43) Isopropyl Acetate	8.28	43	144548	20.709	ug/l	98
44) Trichloroethene	8.94	130	118194	20.912	ug/l	95
45) 1,2-Dichloropropane	9.22	63	103775	21.753	ug/l	100
46) Dibromomethane	9.31	93	58841	21.117	ug/l	100
47) Bromodichloromethane	9.50	83	140125	21.144	ug/l	98
48) Methyl methacrylate	9.30	41	64744	20.749	ug/l	98
49) 1,4-Dioxane	9.30	88	15508	438.523	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	386164	106.442	ug/l	99
52) Toluene	10.24	92	248446	21.082	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145800	21.235	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	167014	21.111	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	82216	20.822	ug/l	98
56) Ethyl methacrylate	10.51	69	114358	21.303	ug/l	99
57) 1,3-Dichloropropane	10.79	76	143386	21.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	282577	103.217	ug/l	99
59) 2-Hexanone	10.83	43	266436	105.204	ug/l	100
60) Dibromochloromethane	10.99	129	103954	20.932	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81337	20.872	ug/l	99
64) Tetrachloroethene	10.72	164	124154	20.606	ug/l	95
65) Chlorobenzene	11.52	112	274244	21.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	106021	20.969	ug/l	100
67) Ethyl Benzene	11.59	91	492861	21.204	ug/l	99
68) m/p-Xylenes	11.70	106	369895	41.942	ug/l	99
69) o-Xylene	12.03	106	175635	21.317	ug/l	100
70) Styrene	12.04	104	298654	21.190	ug/l	99
71) Bromoform	12.20	173	69644	20.987	ug/l #	100
73) Isopropylbenzene	12.33	105	482203	21.088	ug/l	100
74) N-amyl acetate	12.14	43	135813	21.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	92994	21.057	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	126938	39.966	ug/l #	100
77) Bromobenzene	12.61	156	124098	21.291	ug/l	98
78) n-propylbenzene	12.67	91	575951	21.368	ug/l	100
79) 2-Chlorotoluene	12.75	91	320022	21.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	408268	21.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	35006	21.450	ug/l	96
82) 4-Chlorotoluene	12.85	91	336051	21.409	ug/l	100
83) tert-Butylbenzene	13.08	119	358510	21.319	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	408883	21.323	ug/l	99
85) sec-Butylbenzene	13.25	105	497035	21.505	ug/l	99
86) p-Isopropyltoluene	13.37	119	451651	20.929	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	228707	20.749	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	232981	21.350	ug/l	99
89) n-Butylbenzene	13.70	91	435520	21.455	ug/l	99
90) Hexachloroethane	13.96	117	83344	21.207	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	208901	21.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14360	20.056	ug/l	99

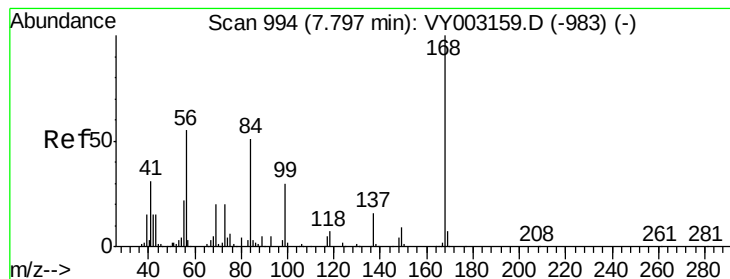
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
Data File : VY003180.D
Acq On : 13 Jul 2020 12:25
Operator : SY/MD
Sample : VY0713SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Jul 14 03:55:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	147008	21.363	ug/l	98
94) Hexachlorobutadiene	15.11	225	102156	21.665	ug/l	98
95) Naphthalene	15.23	128	233174	20.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	112341	20.652	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

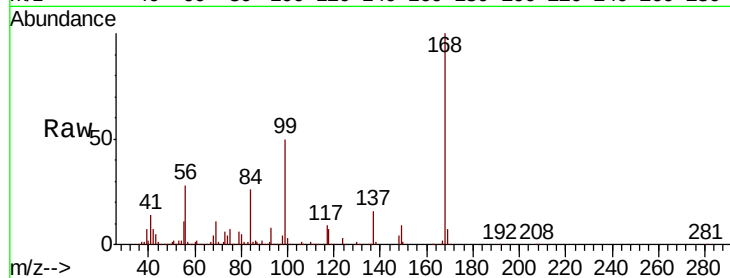
VY0713SBS01

Tot Ion:168 Resp: 503836

Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003180.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003180.D (-945) (-)

7.80

250000

200000

150000

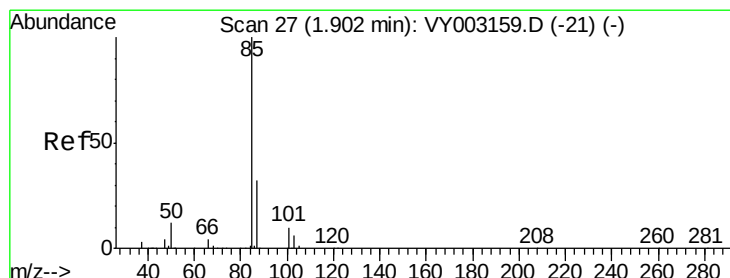
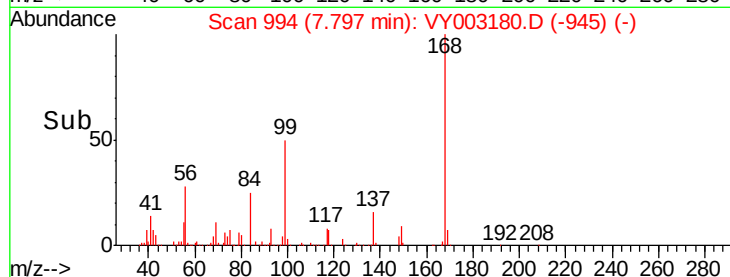
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.713 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003180.D

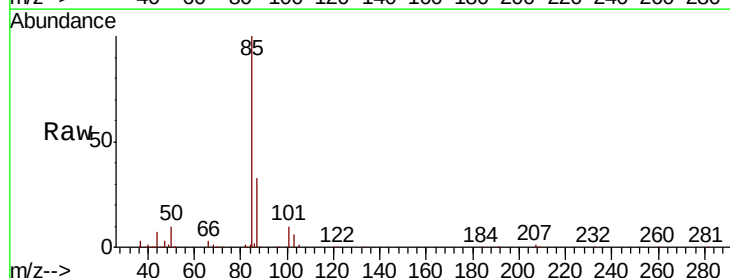
Acq: 13 Jul 2020 12:25

Tgt Ion: 85 Resp: 85631

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003180.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003180.D (-1) (-)

1.91

60000

50000

40000

30000

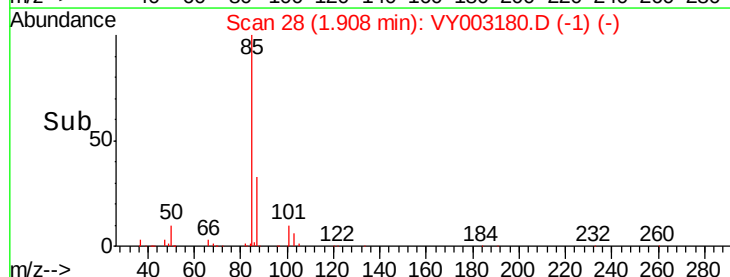
20000

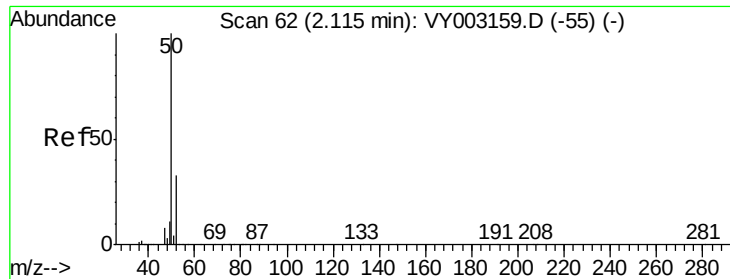
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 23.657 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

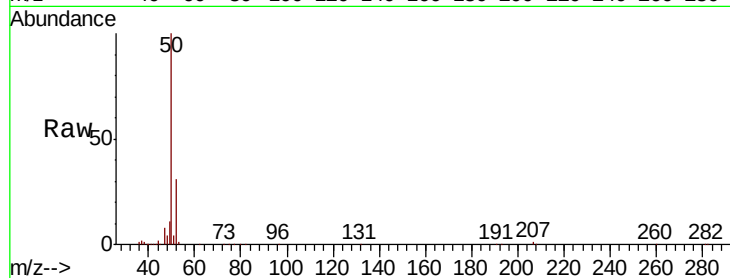
VY0713SBS01

Tot Ion: 50 Resp: 118497

Ion Ratio Lower Upper

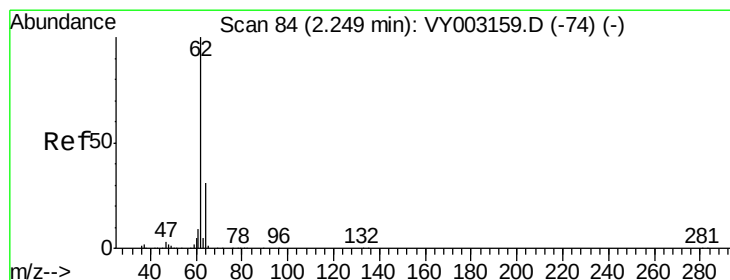
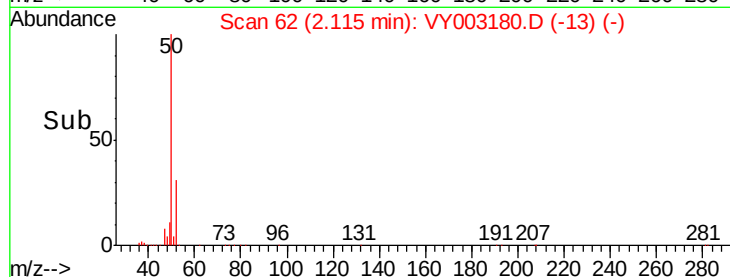
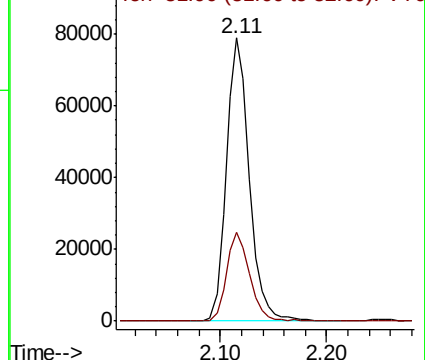
50 100

52 31.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.581 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003180.D

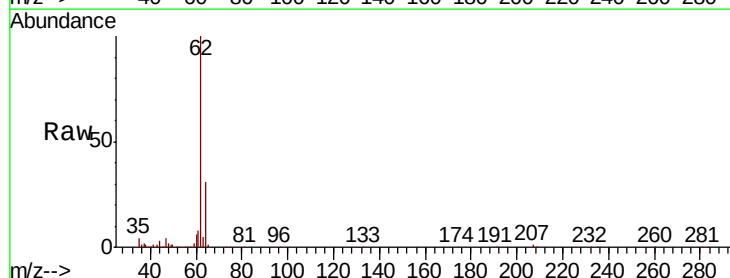
Acq: 13 Jul 2020 12:25

Tgt Ion: 62 Resp: 110912

Ion Ratio Lower Upper

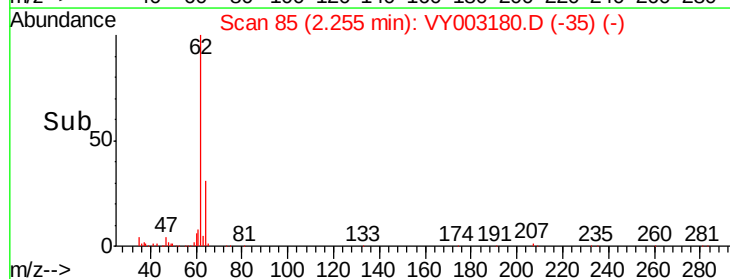
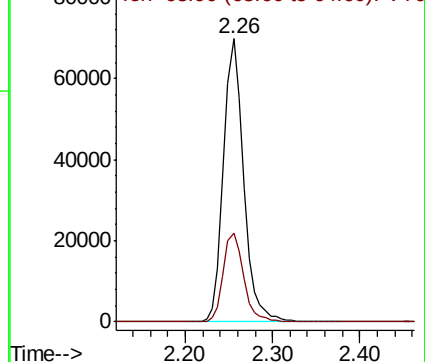
62 100

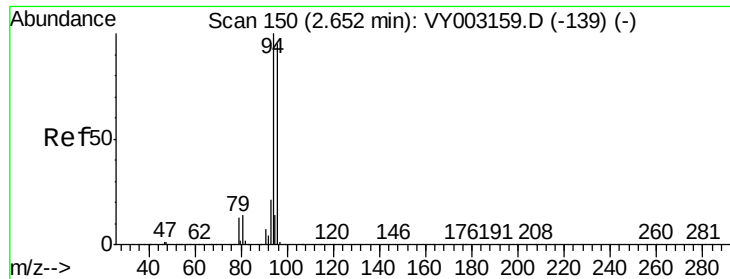
64 31.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.473 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

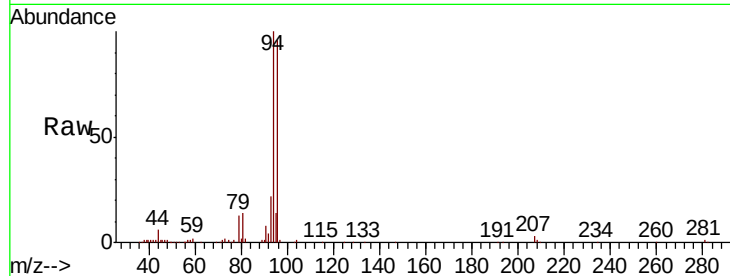
VY0713SBS01

Tot Ion: 94 Resp: 85787

Ion Ratio Lower Upper

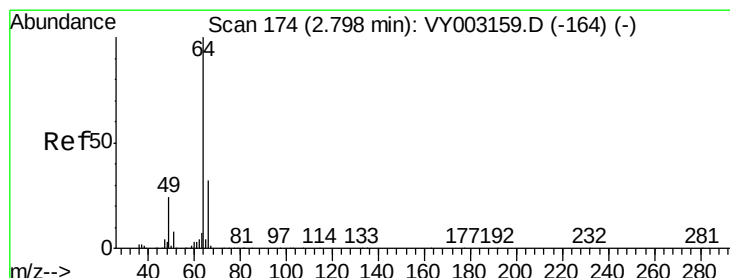
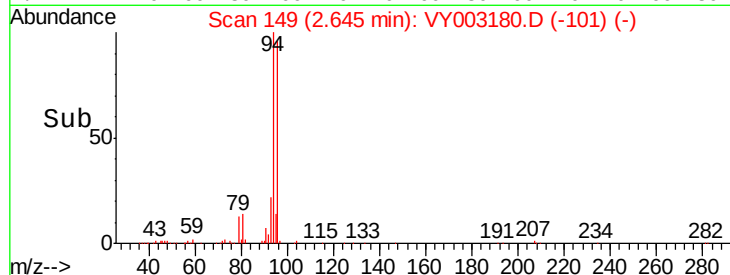
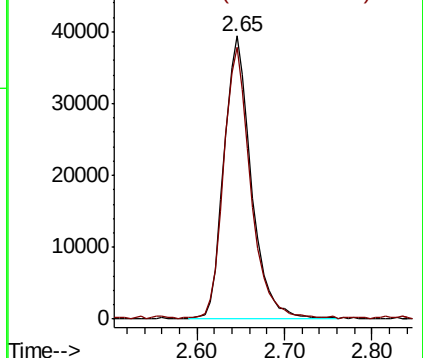
94 100

96 95.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.602 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003180.D

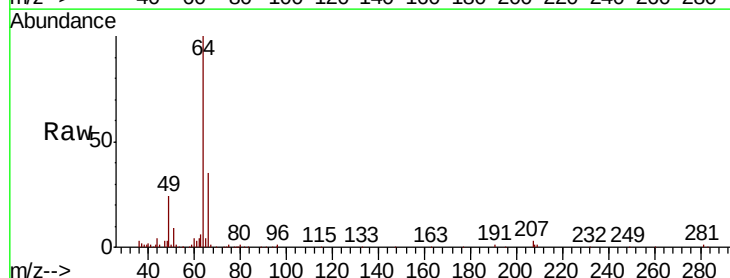
Acq: 13 Jul 2020 12:25

Tgt Ion: 64 Resp: 72917

Ion Ratio Lower Upper

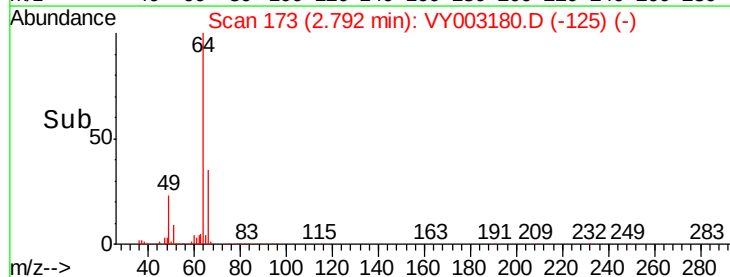
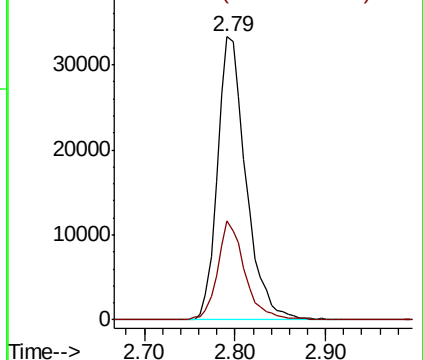
64 100

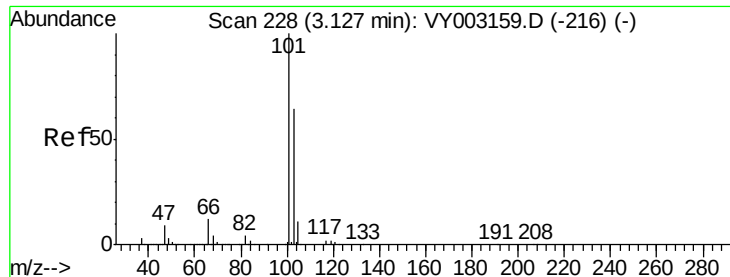
66 34.9 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



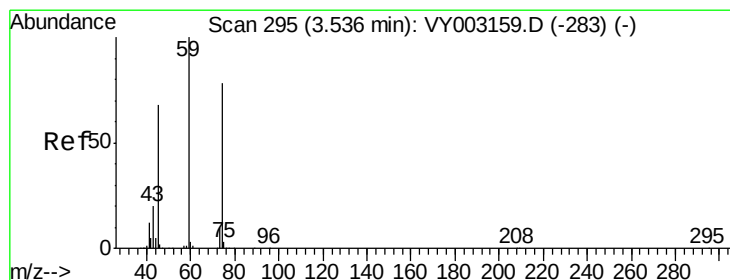
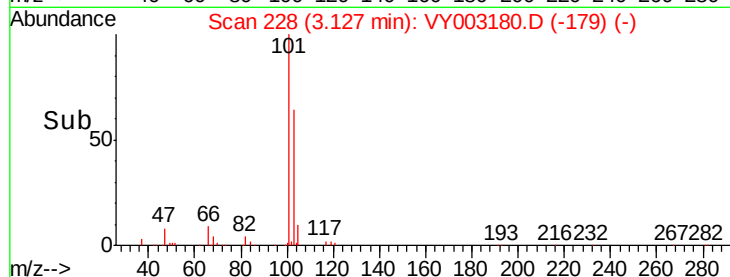
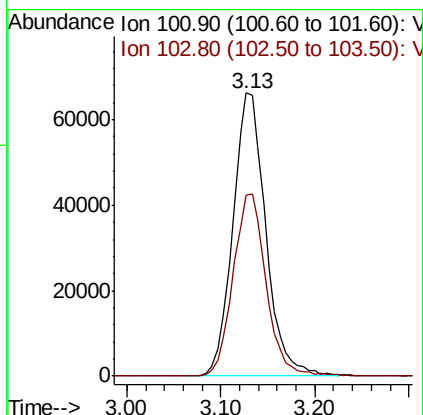
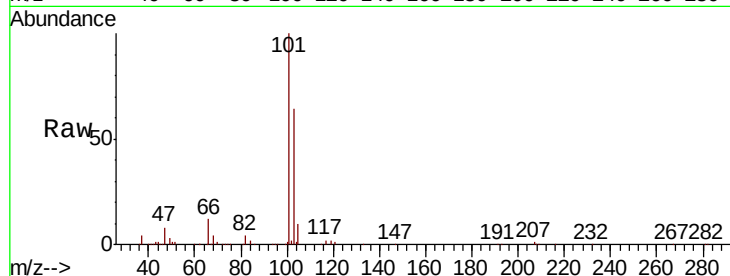


#7

Trichlorofluoromethane
 Concen: 21.903 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

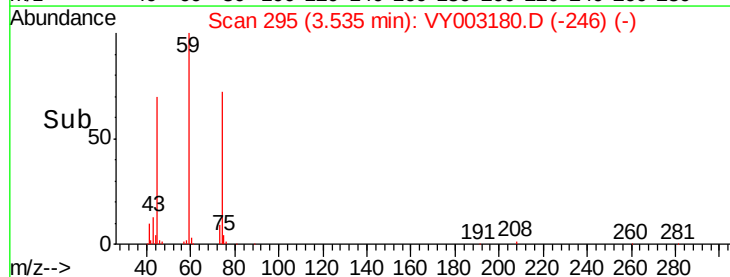
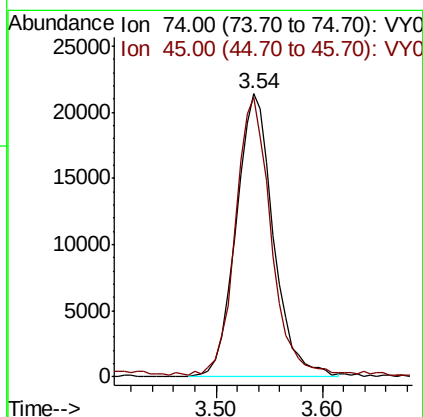
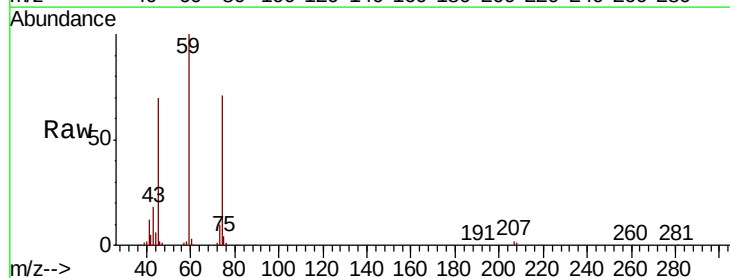
Tot Ion:101 Resp: 160756
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9

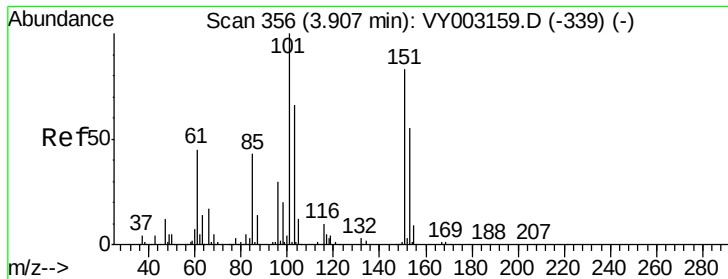


#8

Diethyl Ether
 Concen: 21.358 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 74 Resp: 52527
 Ion Ratio Lower Upper
 74 100
 45 94.3 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.549 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

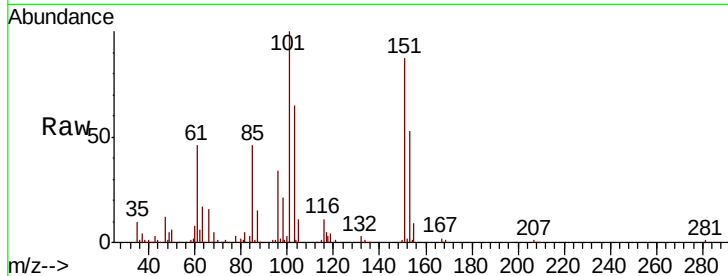
Tot Ion:101 Resp: 95519

Ion Ratio Lower Upper

101 100

85 44.1 34.9 52.3

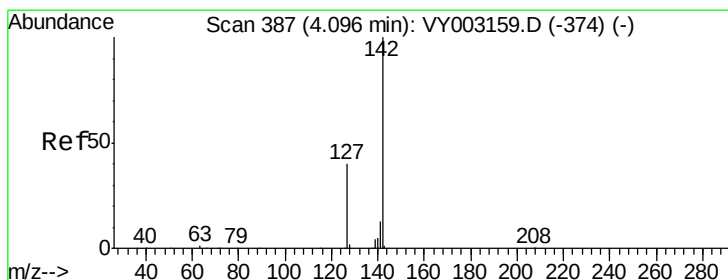
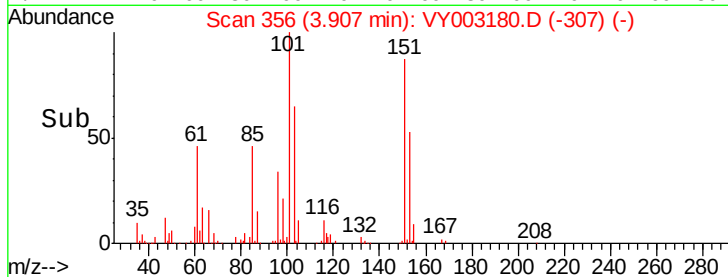
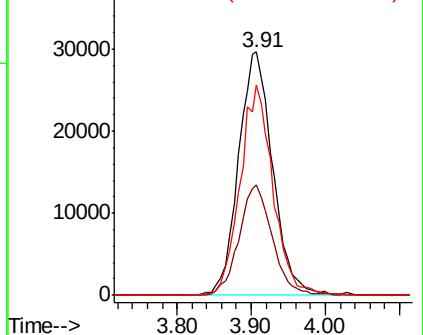
151 83.0 67.0 100.6



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: 21.097 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

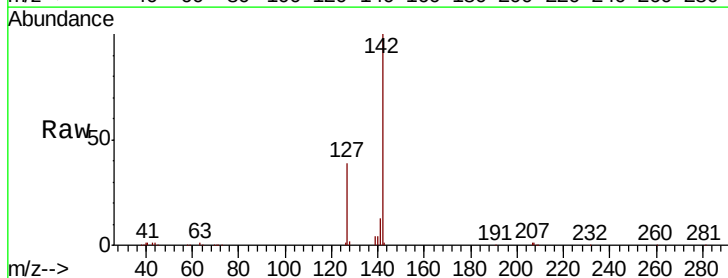
Tgt Ion:142 Resp: 101598

Ion Ratio Lower Upper

142 100

127 41.5 33.5 50.3

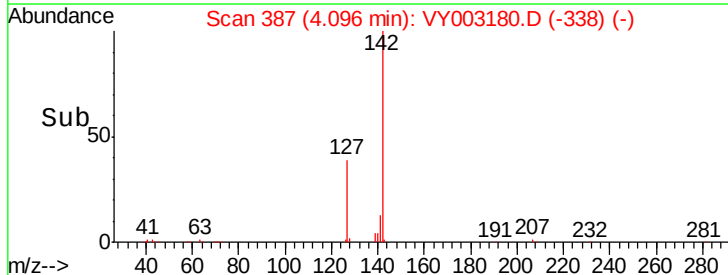
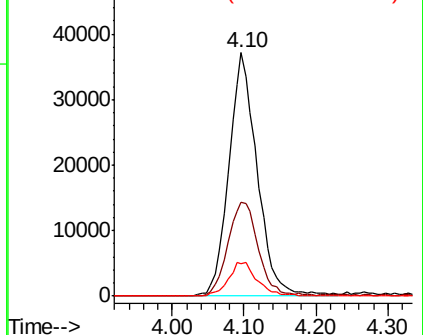
141 14.2 11.2 16.8

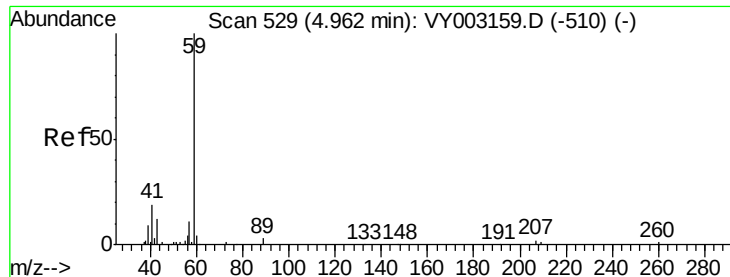


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



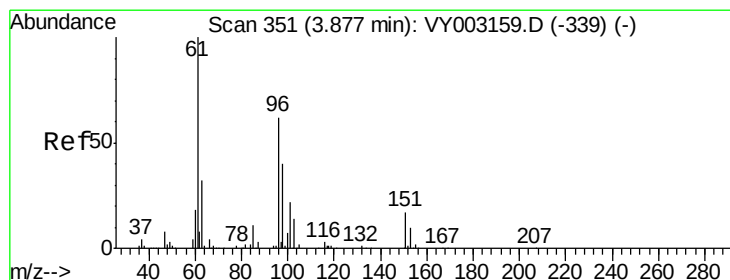
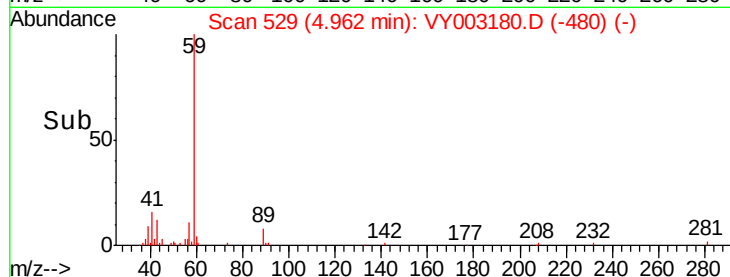
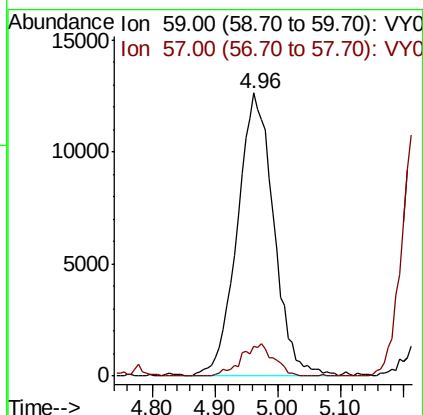
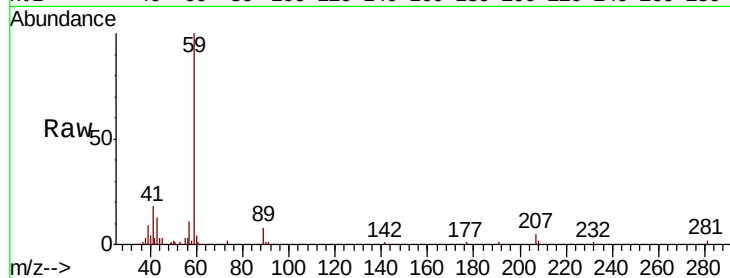


#11

Tert butyl alcohol
 Concen: 110.518 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

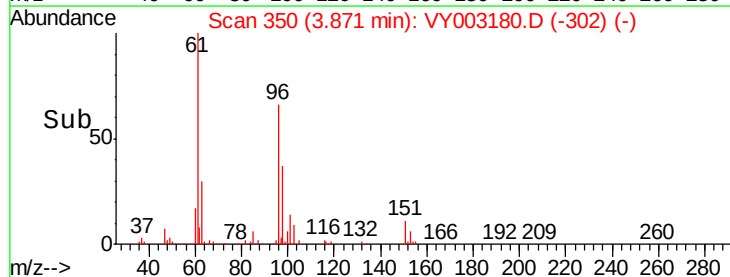
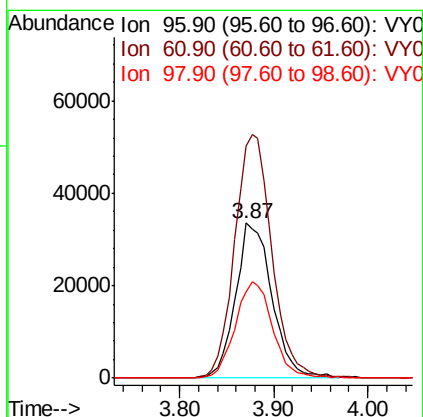
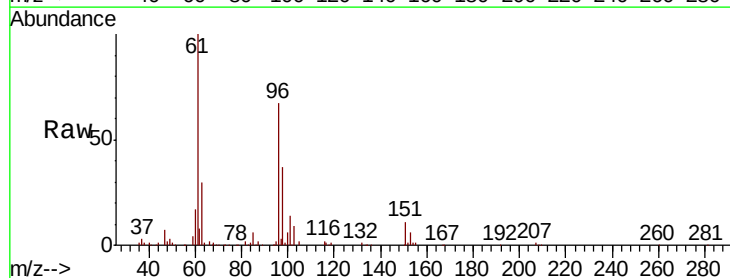
Tot Ion: 59 Resp: 50820
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

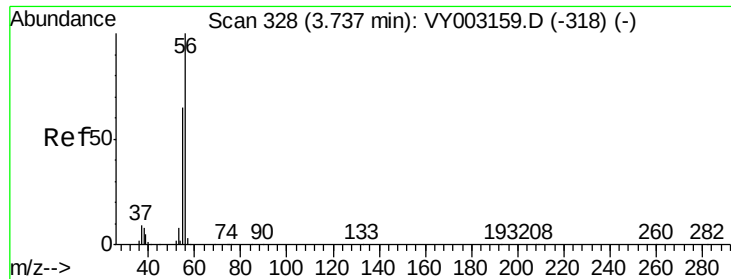


#12

1,1-Dichloroethene
 Concen: 21.600 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 96 Resp: 90558
 Ion Ratio Lower Upper
 96 100
 61 149.9 128.6 193.0
 98 56.1 51.6 77.4





#13

Acrolein

Concen: 97.533 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

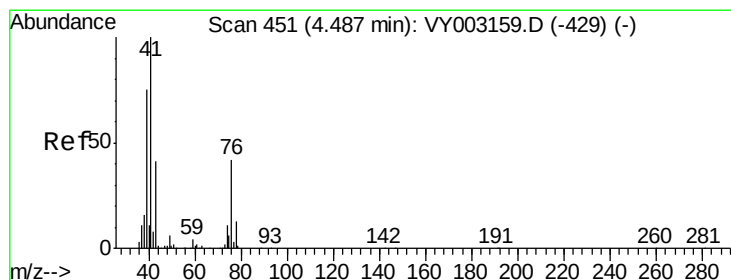
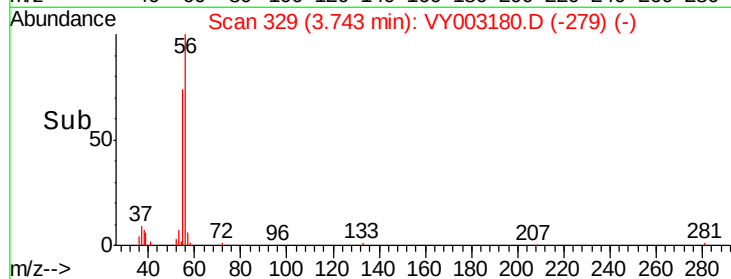
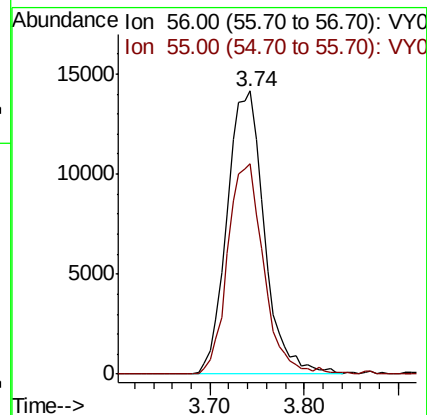
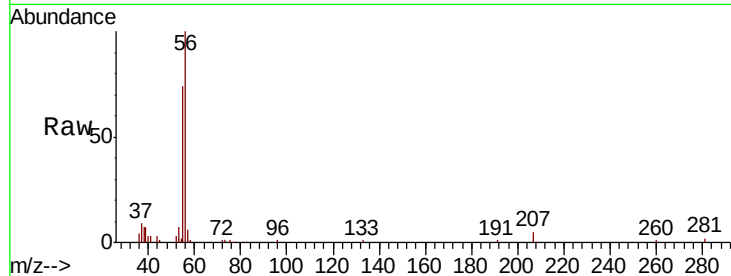
VY0713SBS01

Tot Ion: 56 Resp: 38928

Ion Ratio Lower Upper

56 100

55 71.9 56.0 84.0



#14

Allyl chloride

Concen: 22.328 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

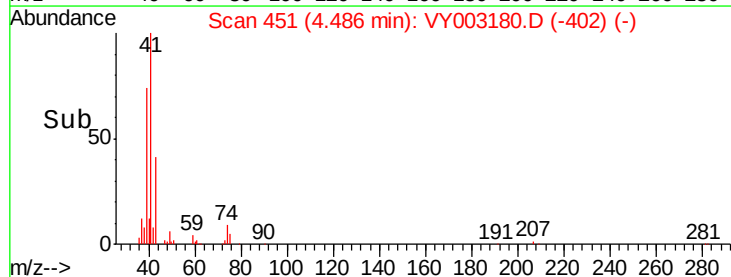
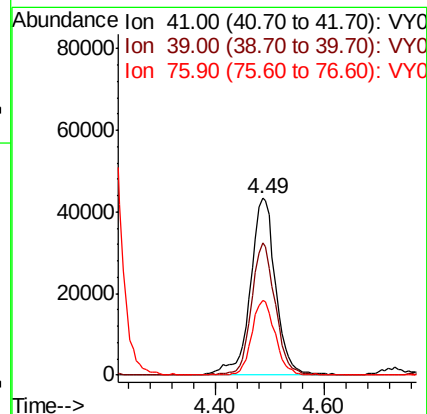
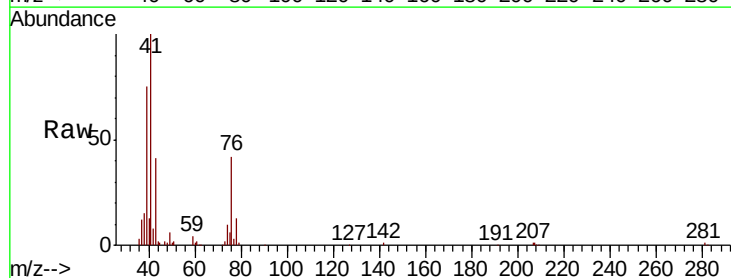
Tgt Ion: 41 Resp: 138906

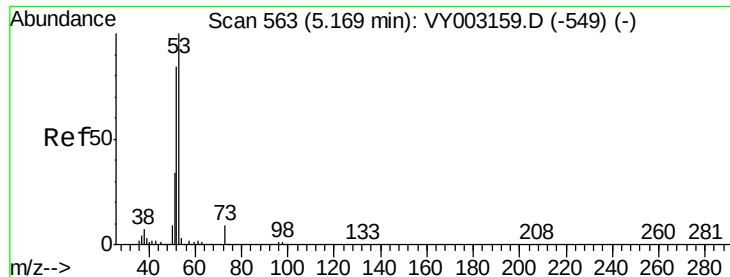
Ion Ratio Lower Upper

41 100

39 70.5 56.6 85.0

76 39.4 31.6 47.4





#15

Acrylonitrile

Concen: 107.557 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

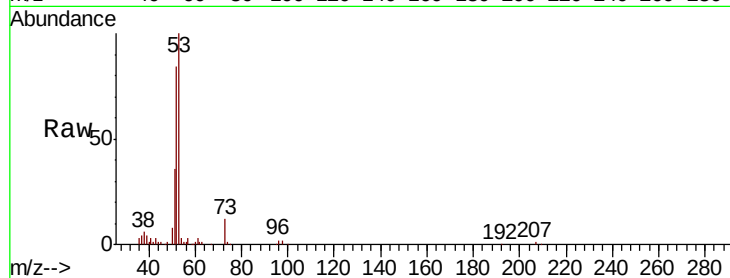
Tot Ion: 53 Resp: 127067

Ion Ratio Lower Upper

53 100

52 84.3 65.8 98.6

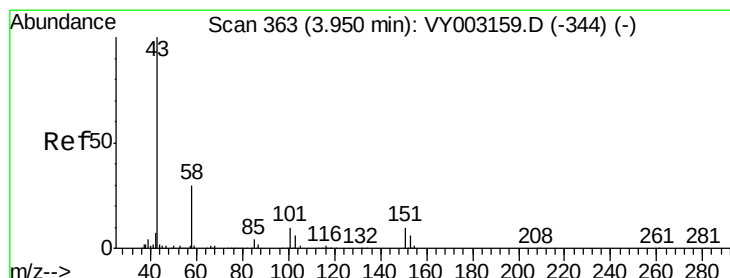
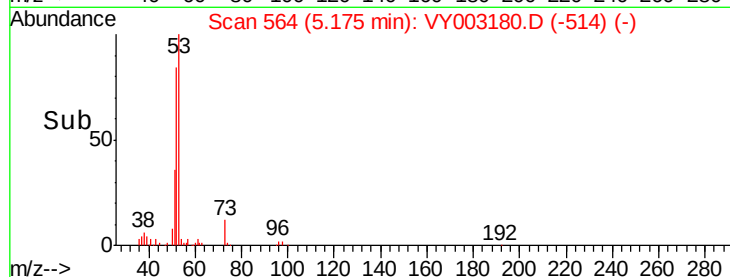
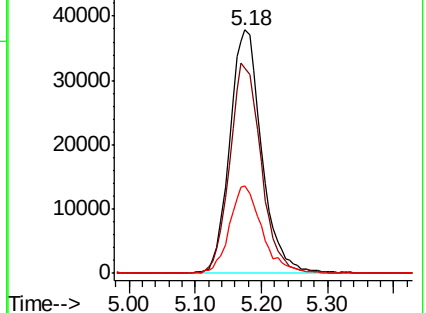
51 36.6 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 110.997 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003180.D

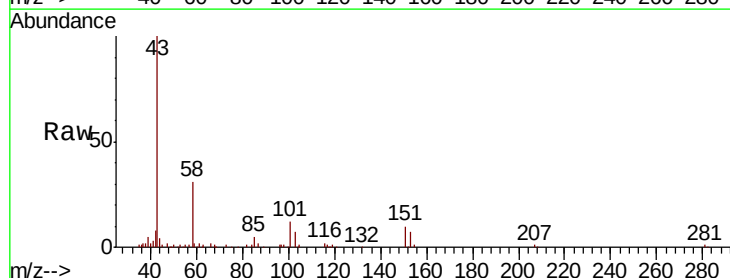
Acq: 13 Jul 2020 12:25

Tgt Ion: 43 Resp: 105435

Ion Ratio Lower Upper

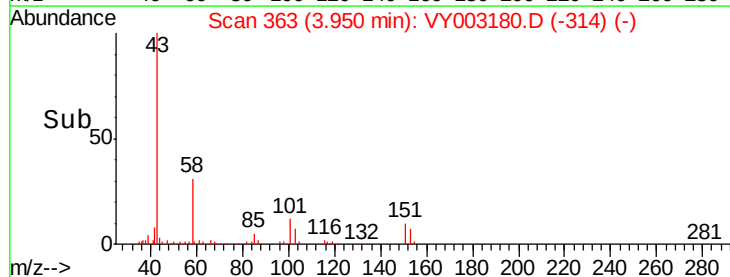
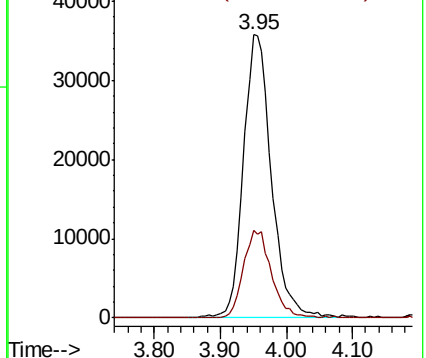
43 100

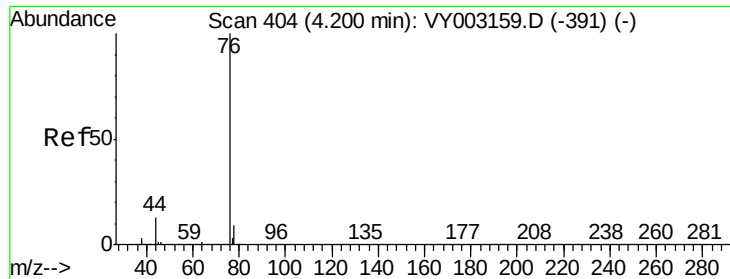
58 31.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 22.009 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

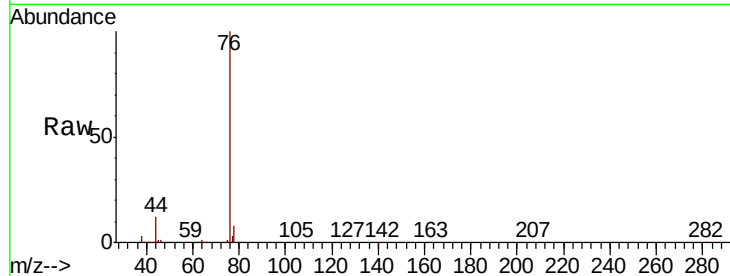
VY0713SBS01

Tot Ion: 76 Resp: 283155

Ion Ratio Lower Upper

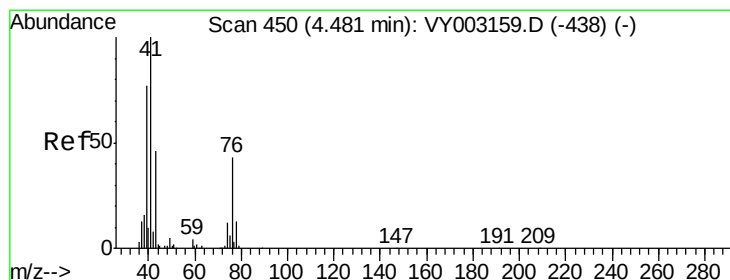
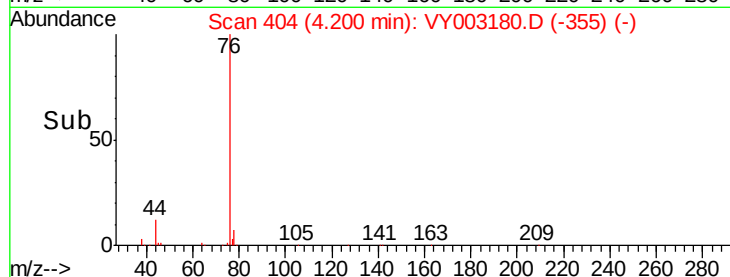
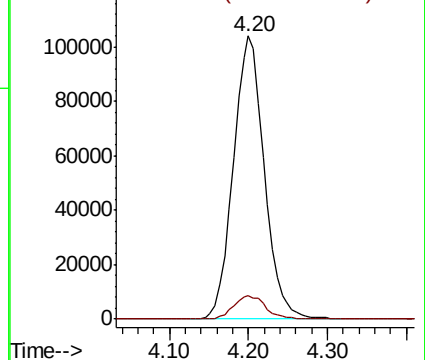
76 100

78 8.4 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: 21.842 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003180.D

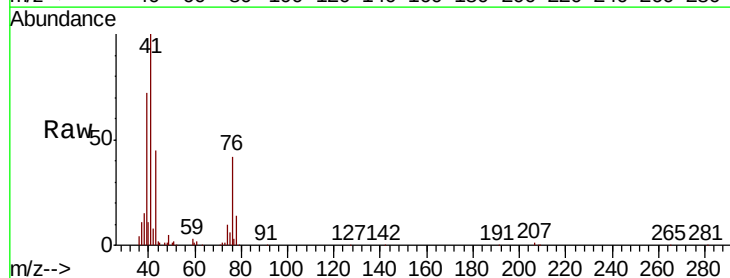
Acq: 13 Jul 2020 12:25

Tgt Ion: 43 Resp: 57619

Ion Ratio Lower Upper

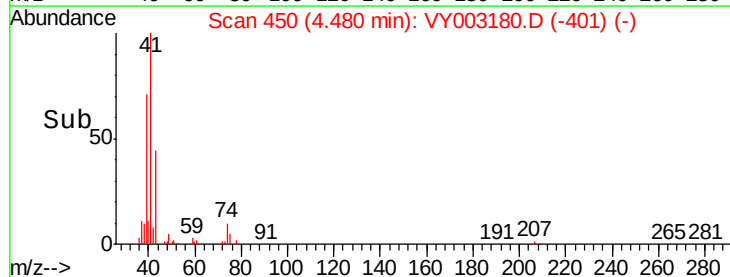
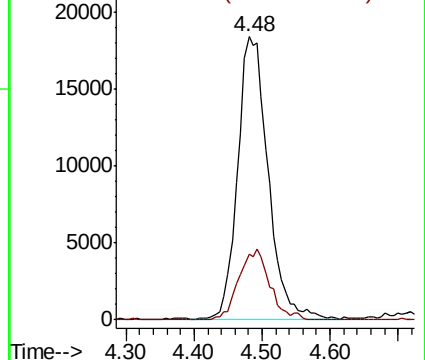
43 100

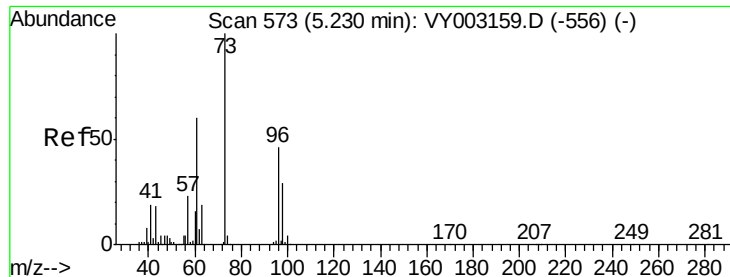
74 25.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



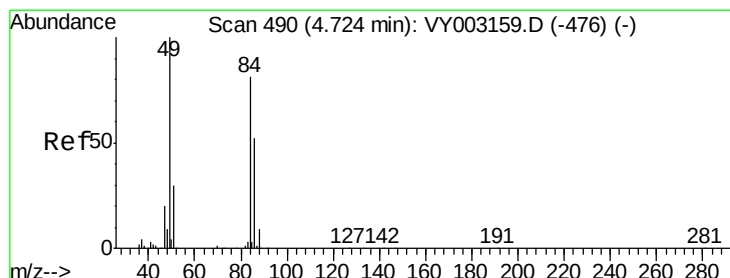
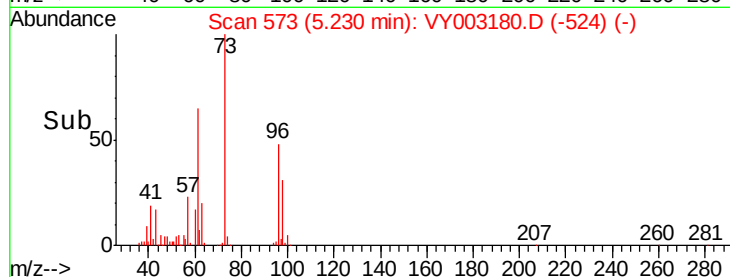
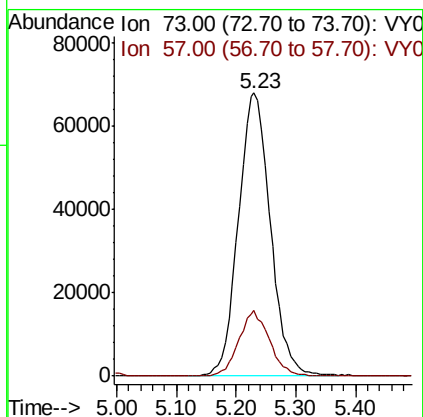
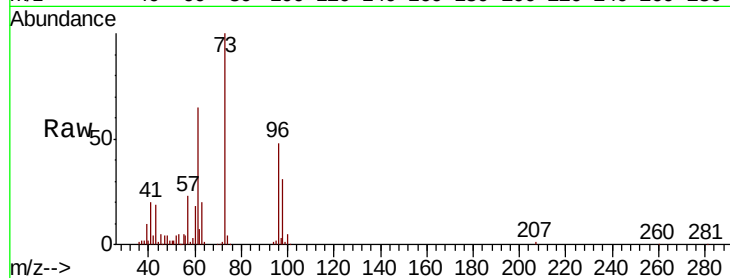


#19

Methyl tert-butyl Ether
 Concen: 21.566 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

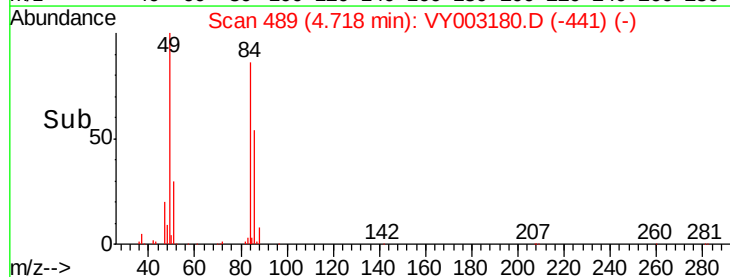
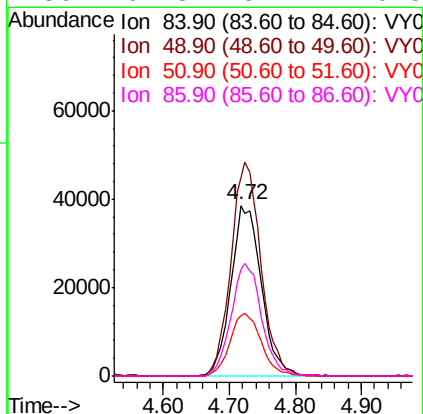
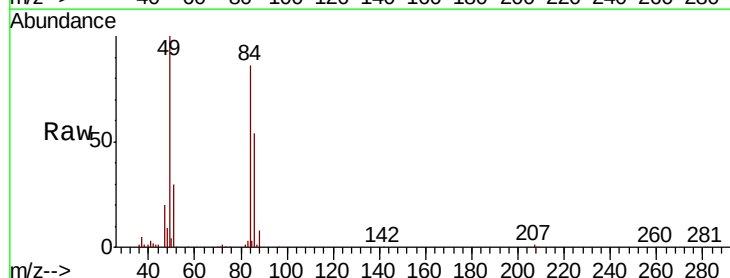
Tot Ion: 73 Resp: 253384
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.1 27.1

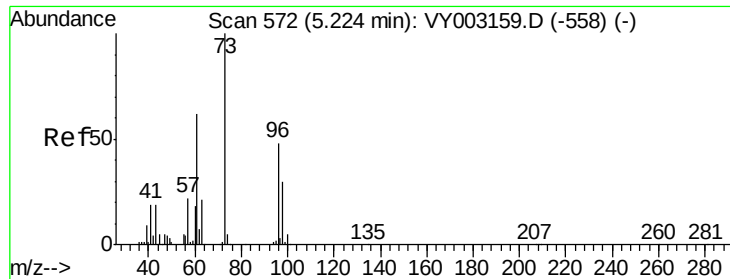


#20

Methylene Chloride
 Concen: 22.758 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 84 Resp: 123078
 Ion Ratio Lower Upper
 84 100
 49 115.9 98.2 147.4
 51 35.1 29.8 44.6
 86 62.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.416 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

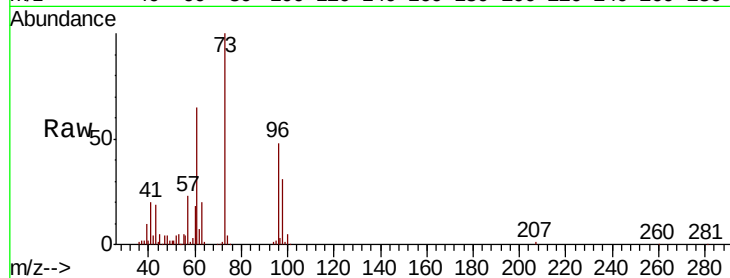
Tot Ion: 96 Resp: 101558

Ion Ratio Lower Upper

96 100

61 136.0 102.5 153.7

98 64.4 49.8 74.8

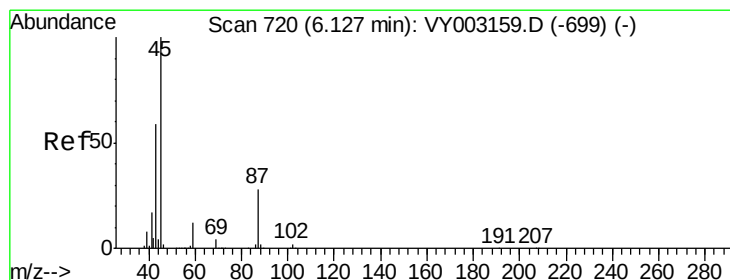
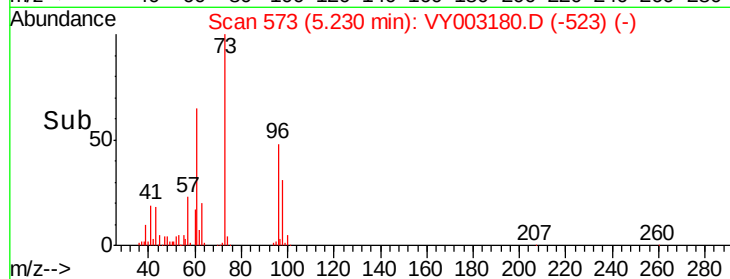
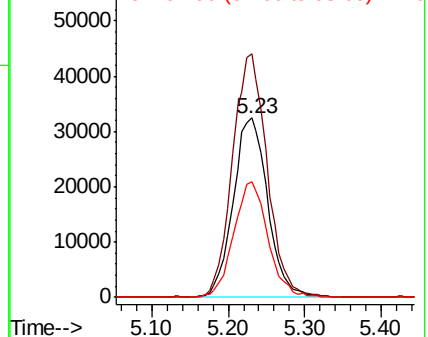


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.075 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion: 45 Resp: 304793

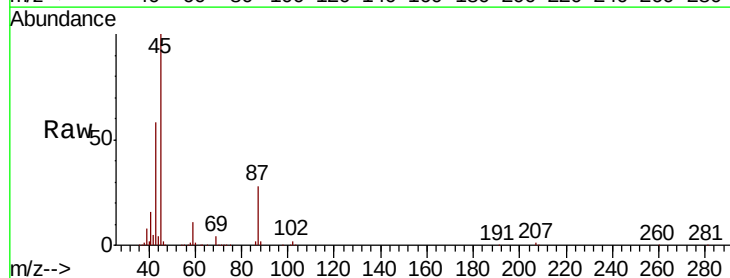
Ion Ratio Lower Upper

45 100

43 57.0 47.0 70.4

87 27.9 22.6 33.8

59 11.4 9.8 14.6



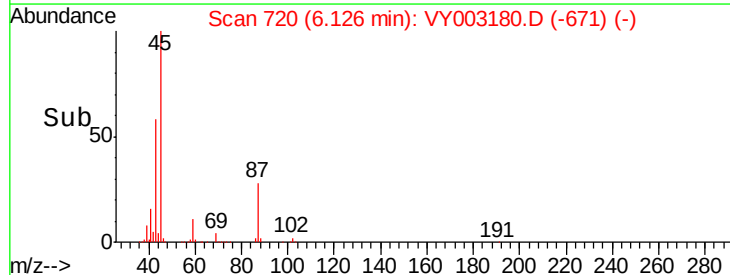
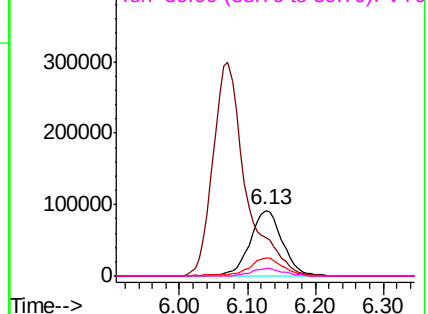
Abundance

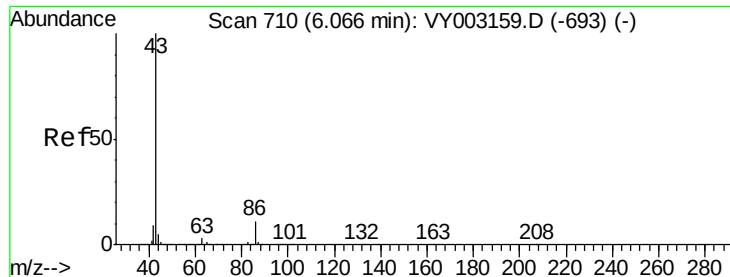
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 109.053 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

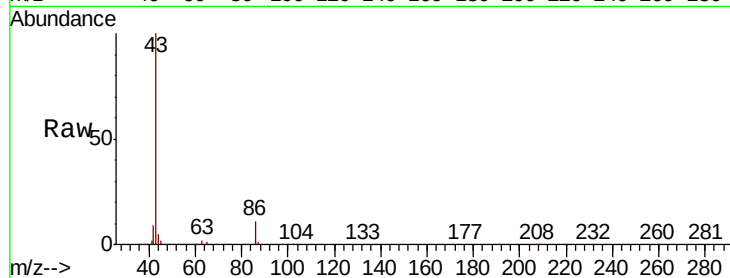
VY0713SBS01

Tot Ion: 43 Resp: 1003576

Ion Ratio Lower Upper

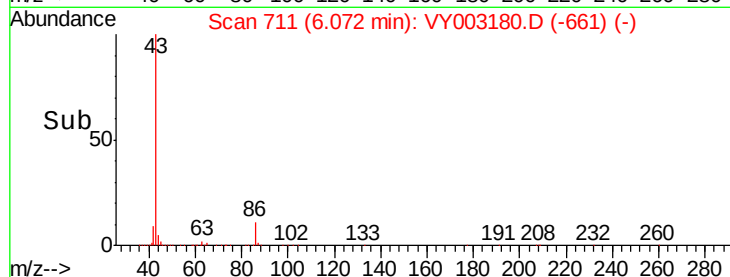
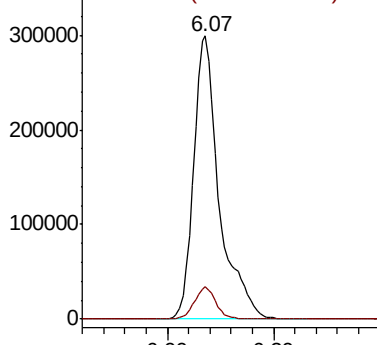
43 100

86 11.5 8.8 13.2

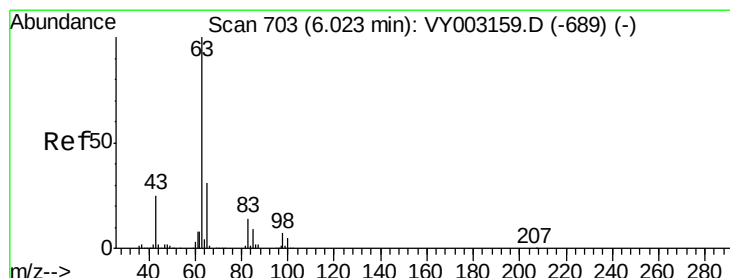


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 21.691 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

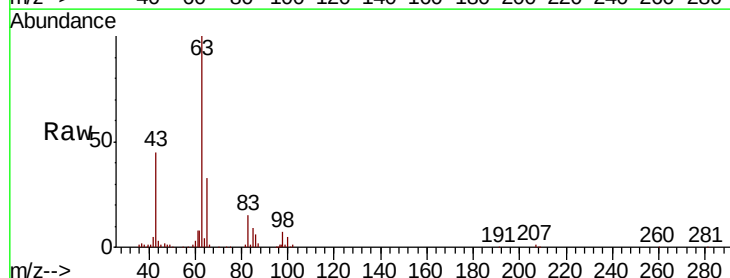
Tgt Ion: 63 Resp: 173503

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

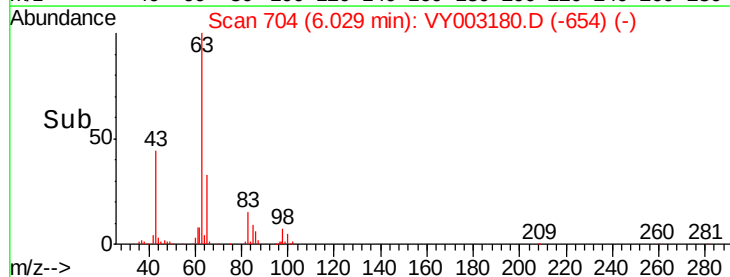
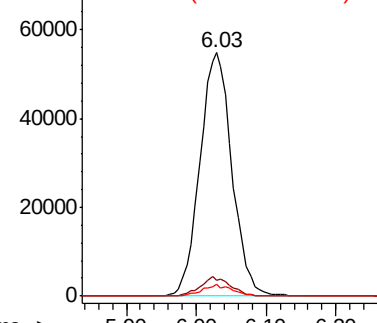
100 5.1 2.4 7.2



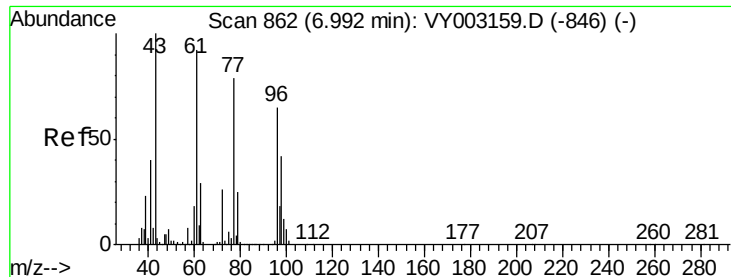
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



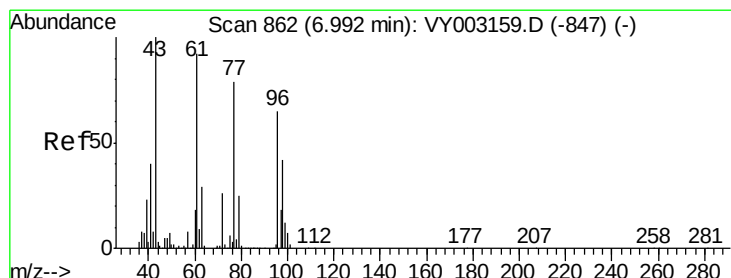
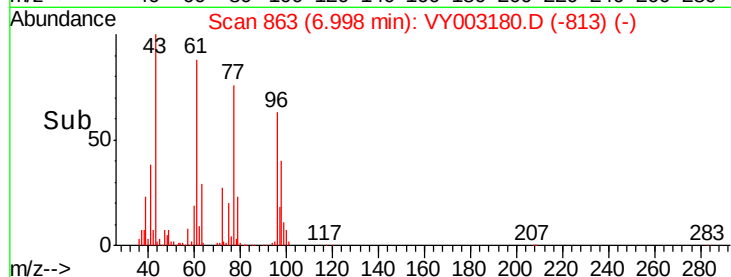
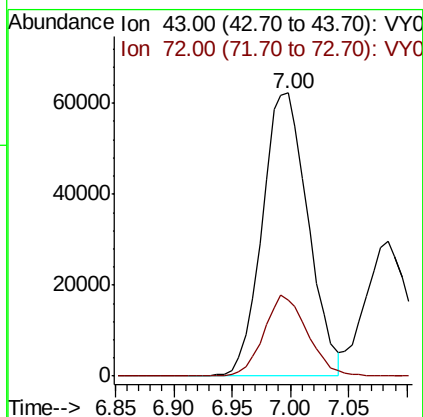
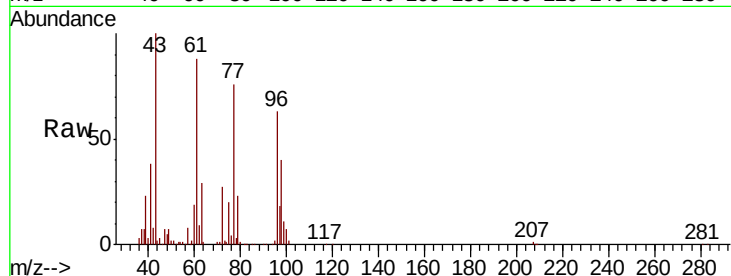
Time-->



#25
2-Butanone
Concen: 108.897 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

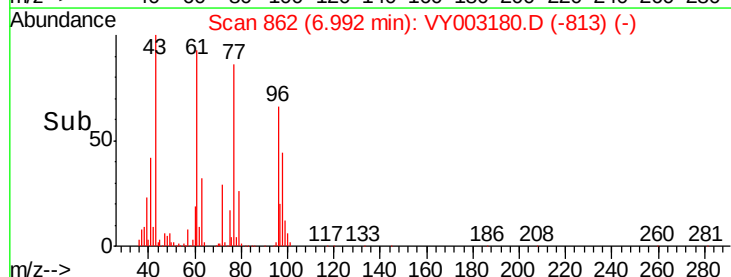
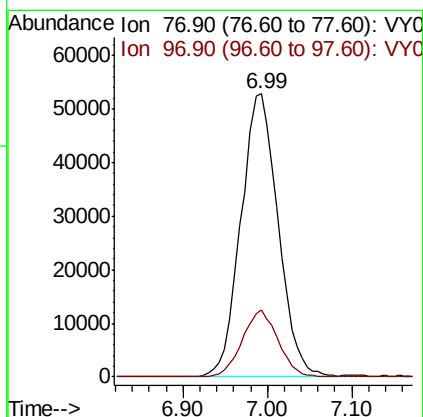
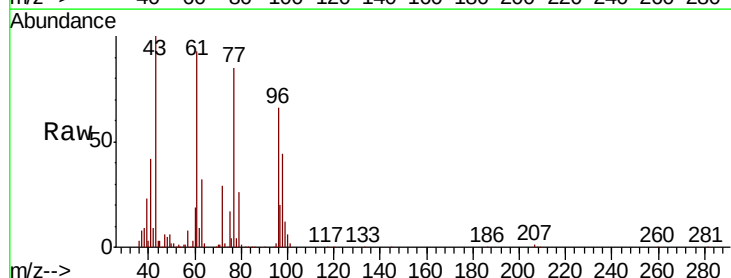
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

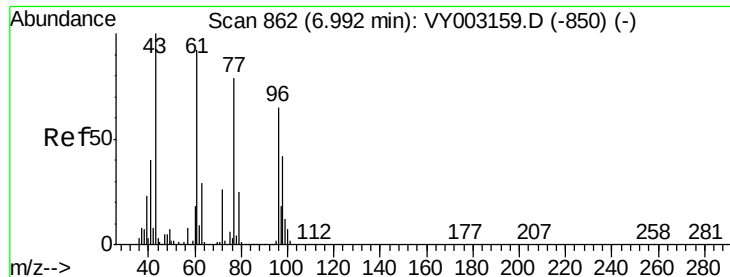
Tot Ion: 43 Resp: 169840
Ion Ratio Lower Upper
43 100
72 26.7 20.9 31.3



#26
2,2-Dichloropropane
Concen: 22.021 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 77 Resp: 158633
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7



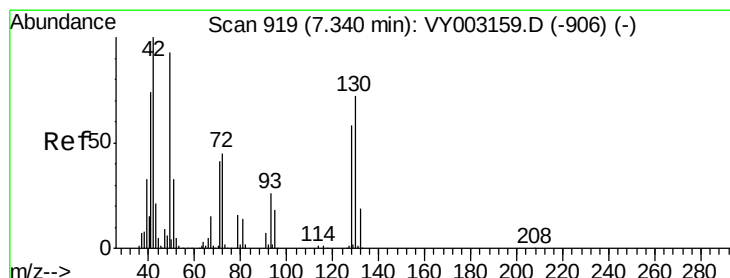
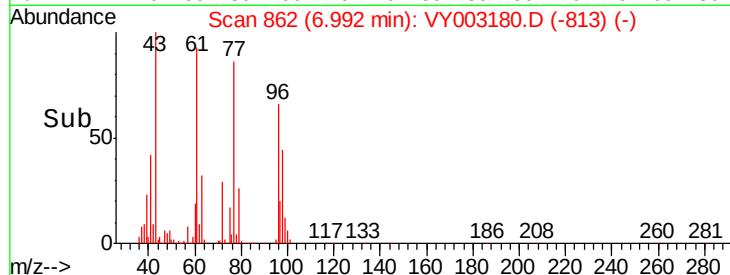
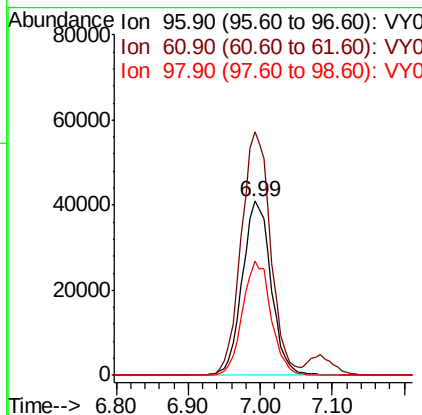
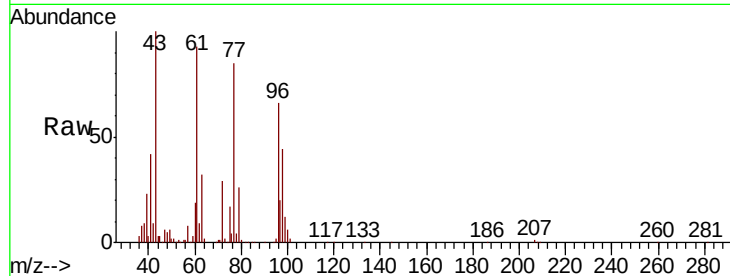


#27

cis-1,2-Dichloroethene
 Concen: 21.761 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

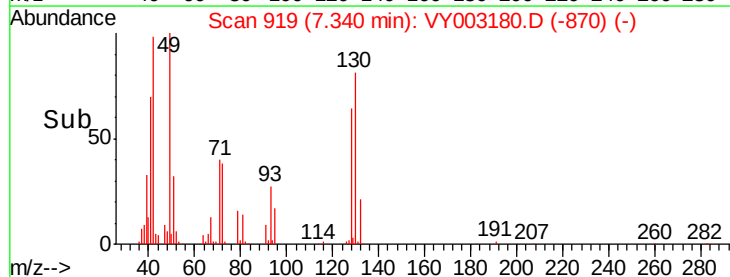
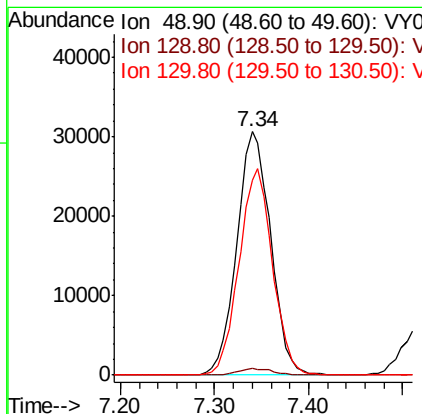
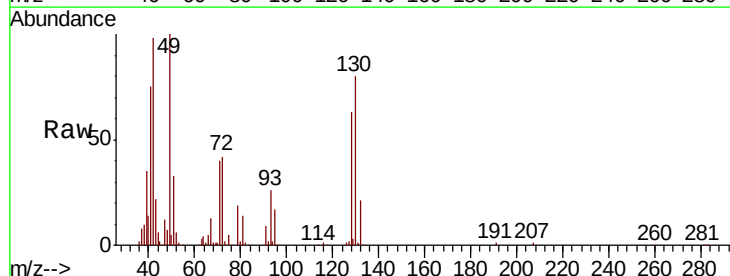
Tot Ion	96	Resp	113617
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	281.2
98	64.9	0.0	129.8

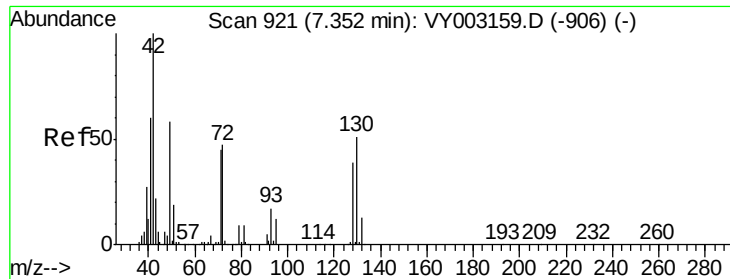


#28

Bromochloromethane
 Concen: 22.265 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	49	Resp	77107
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	83.6	64.9	97.3





#29

Tetrahydrofuran

Concen: 107.110 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

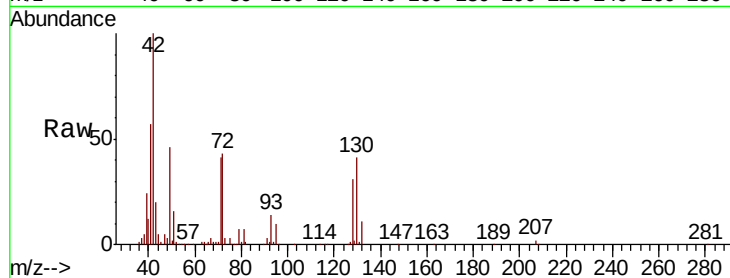
Tot Ion: 42 Resp: 112223

Ion Ratio Lower Upper

42 100

72 46.2 36.7 55.1

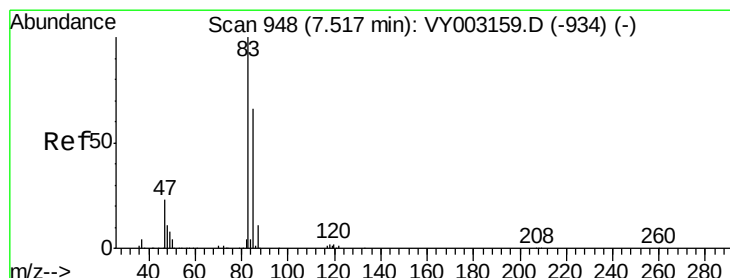
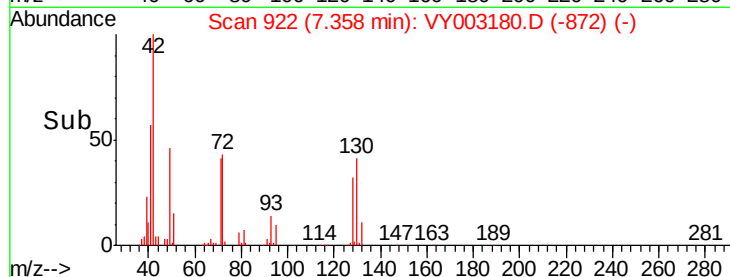
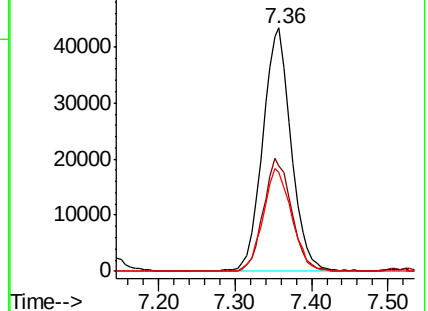
71 42.4 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.553 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003180.D

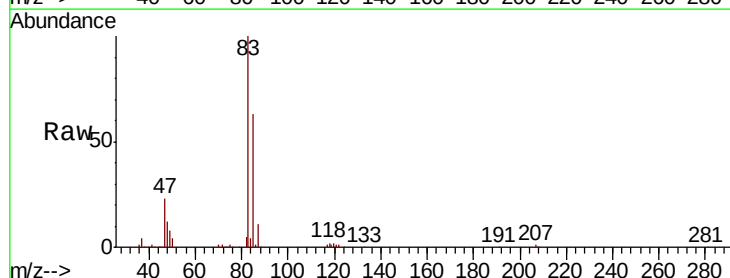
Acq: 13 Jul 2020 12:25

Tgt Ion: 83 Resp: 177564

Ion Ratio Lower Upper

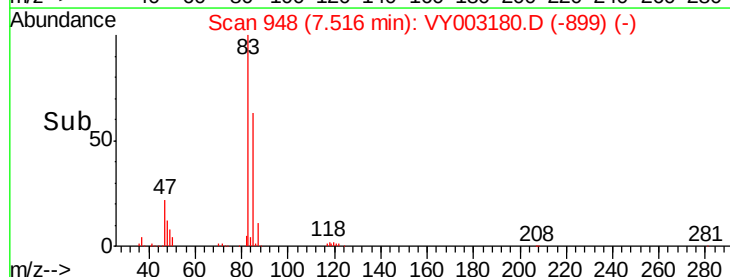
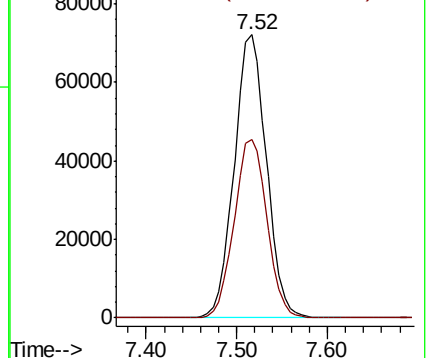
83 100

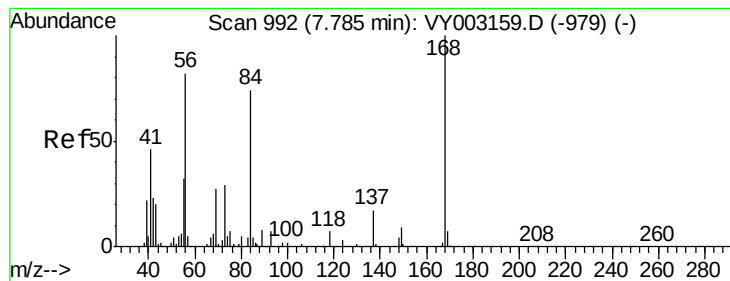
85 63.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.365 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

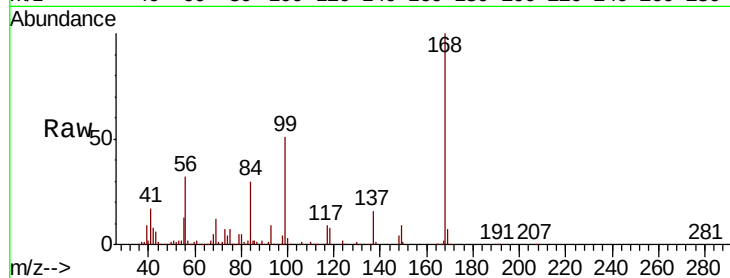
Tot Ion: 56 Resp: 165260

Ion Ratio Lower Upper

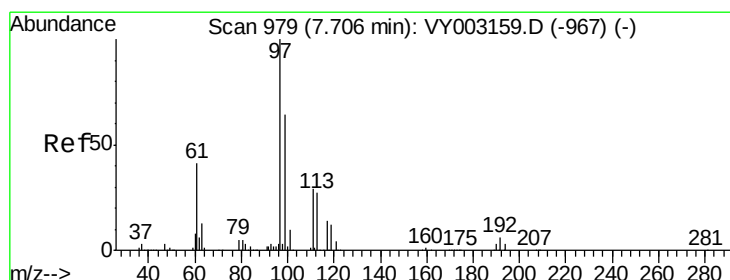
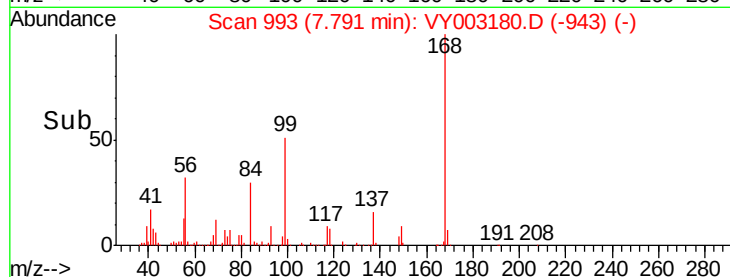
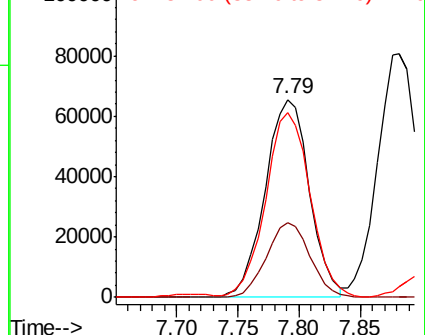
56 100

69 38.0 26.7 40.1

84 91.7 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 21.835 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

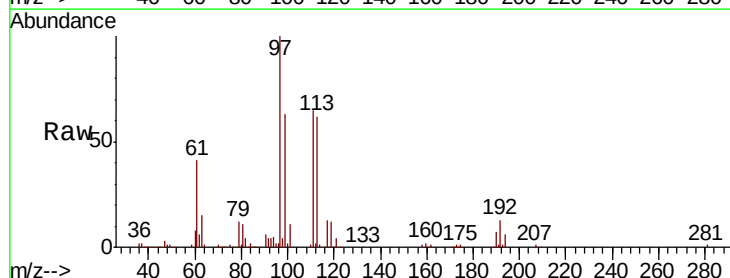
Tgt Ion: 97 Resp: 161948

Ion Ratio Lower Upper

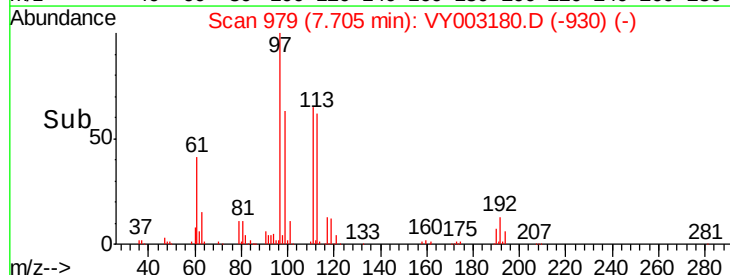
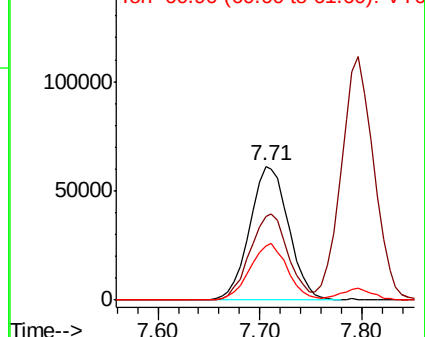
97 100

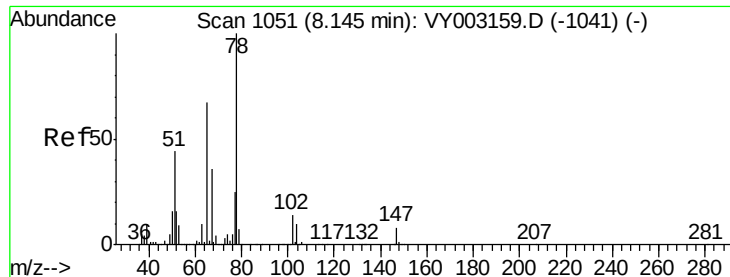
99 63.6 52.1 78.1

61 41.1 33.9 50.9



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

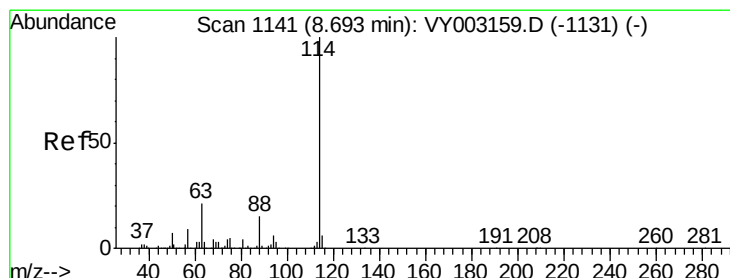
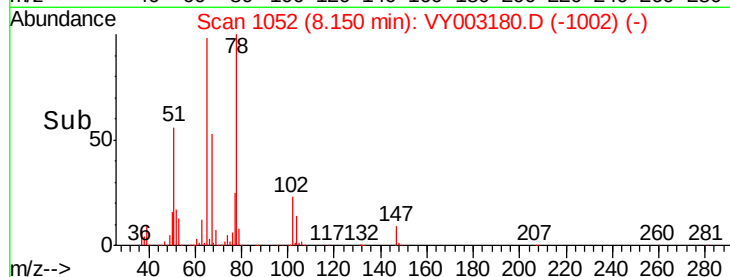
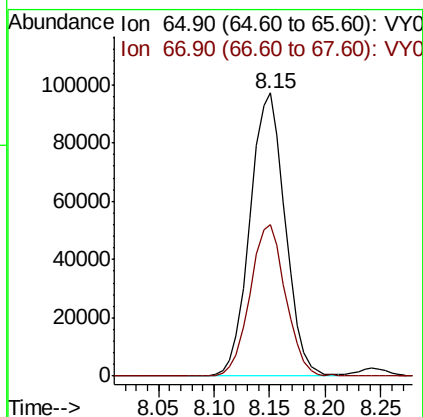
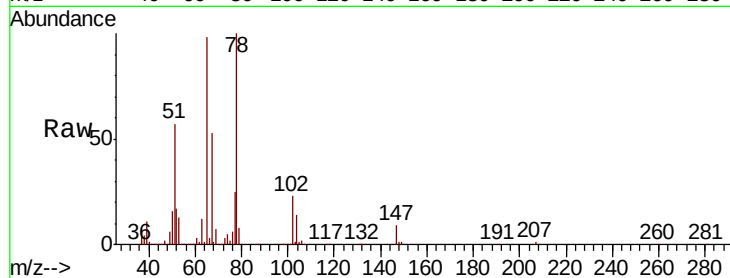




#33
 1,2-Dichloroethane-d4
 Concen: 50.291 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

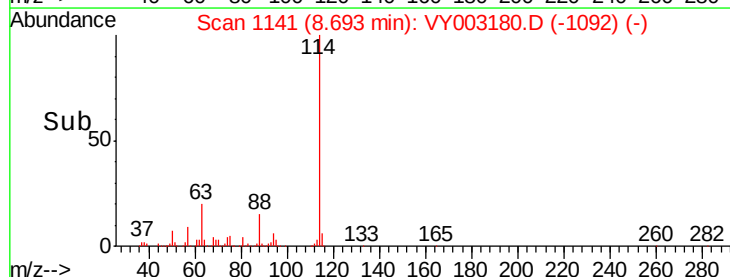
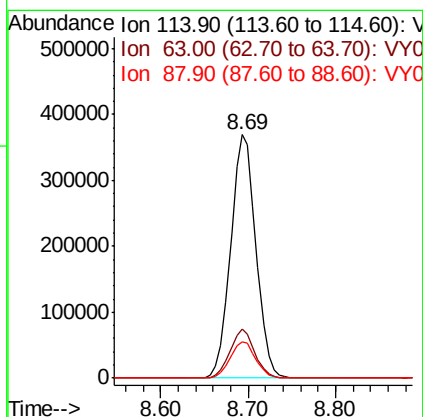
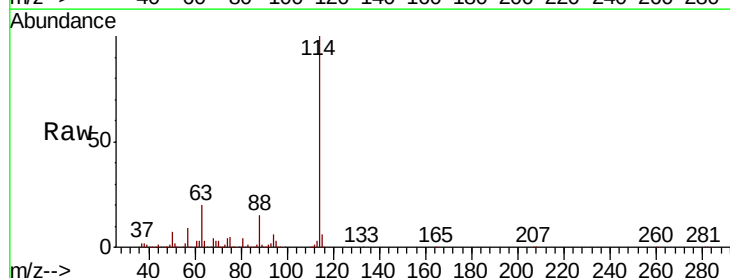
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

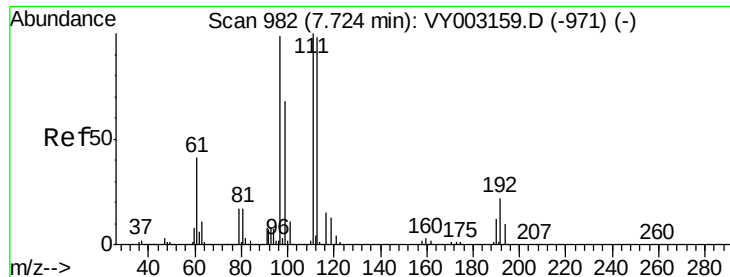
Tot Ion: 65 Resp: 213864
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 114 Resp: 738802
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 14.9 0.0 30.2

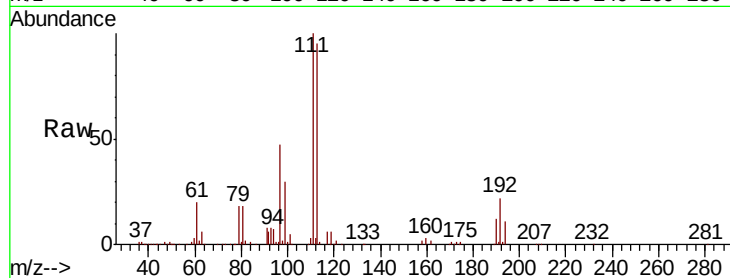




#35
 Dibromofluoromethane
 Concen: 48.837 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.1	123.1
192	23.4	18.8	28.2

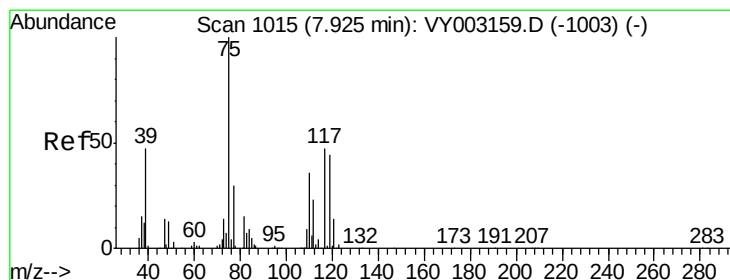
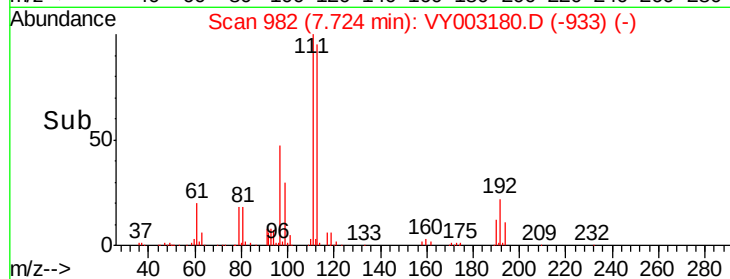
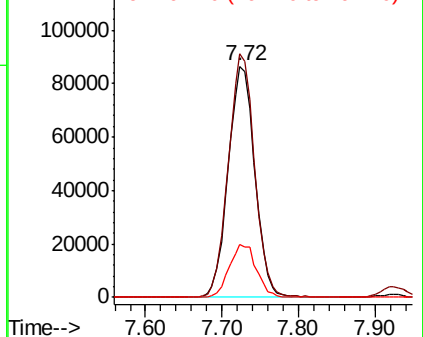


Abundance

Ion 112.80 (112.50 to 113.50): V

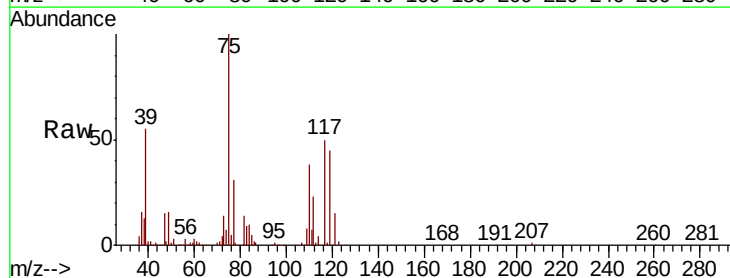
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.222 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.1
77	30.7	24.8	37.2

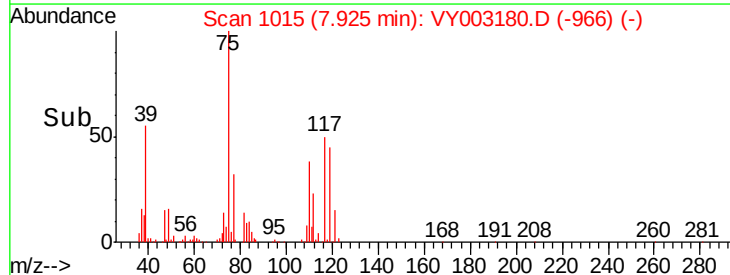
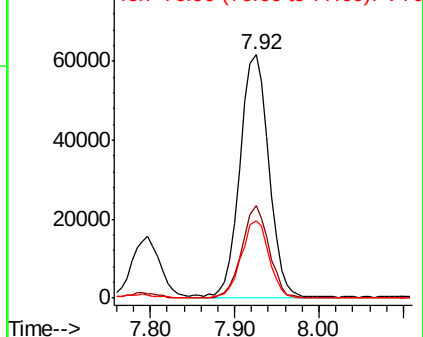


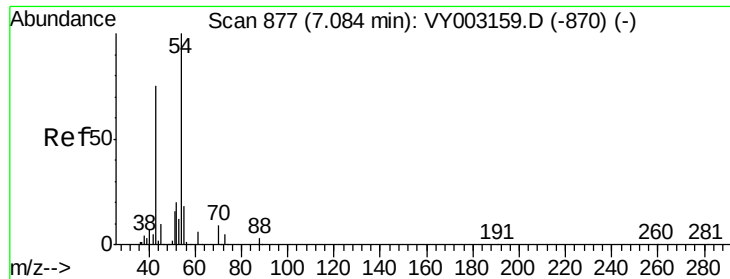
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

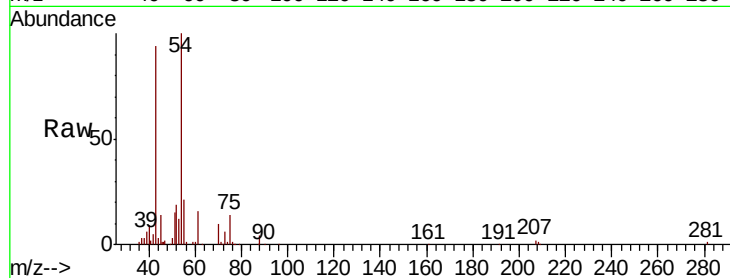




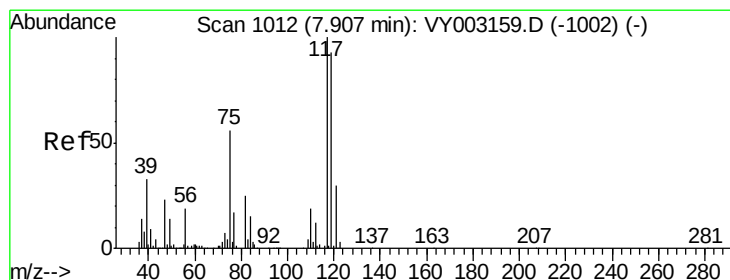
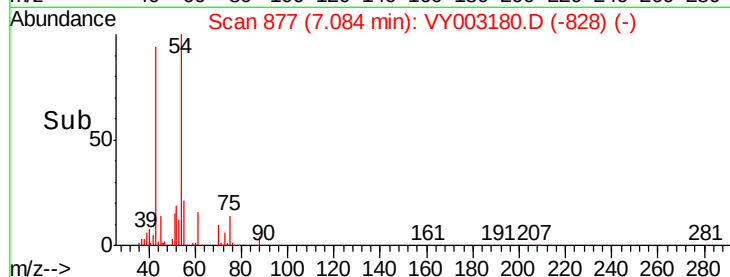
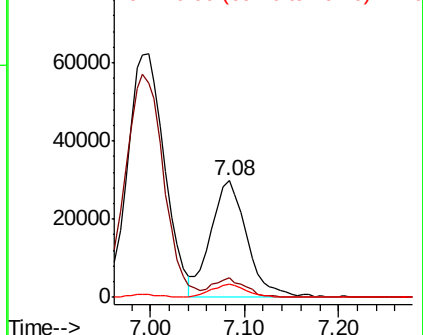
#37
Ethyl Acetate
Concen: 21.920 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion: 43 Resp: 79042
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 11.0 8.6 13.0

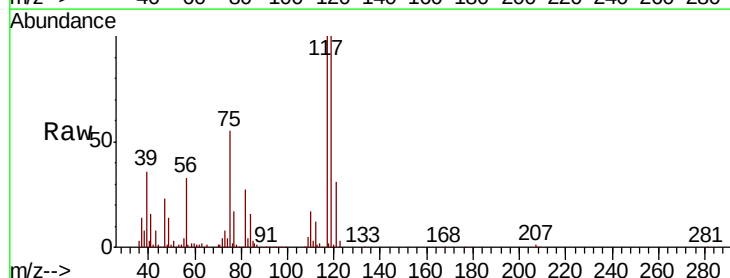


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

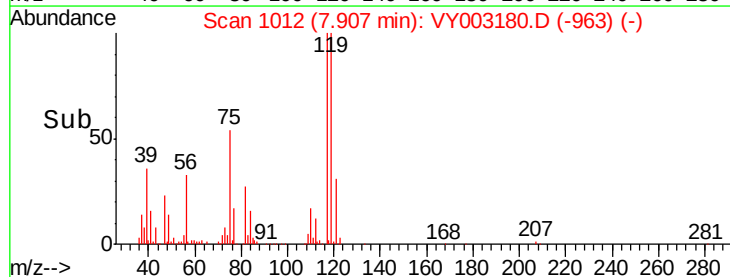
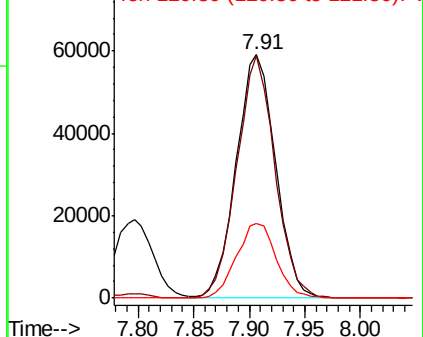


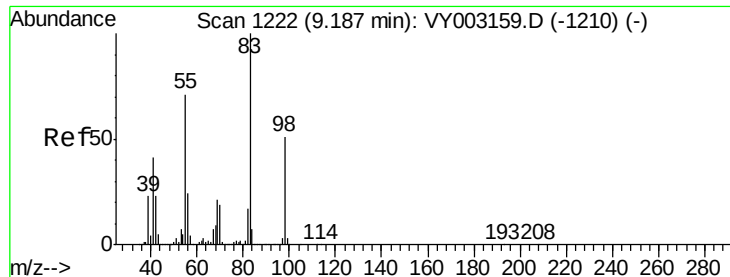
#38
Carbon Tetrachloride
Concen: 21.007 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 117 Resp: 145213
Ion Ratio Lower Upper
117 100
119 99.8 74.5 111.7
121 30.9 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

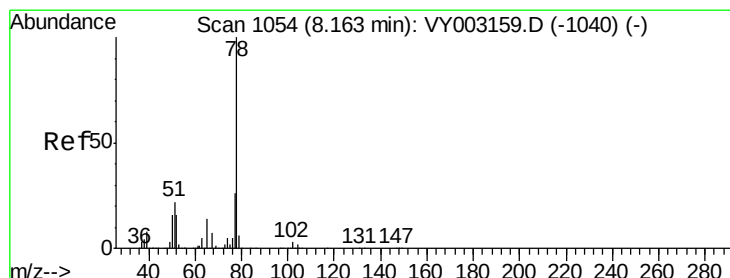
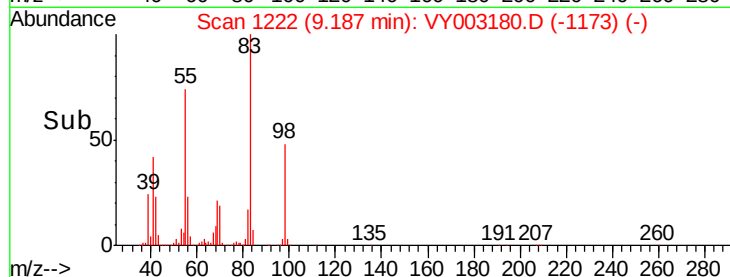
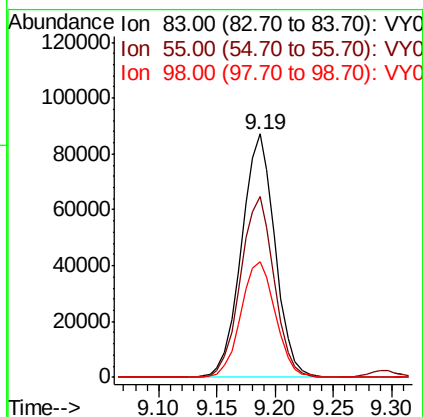
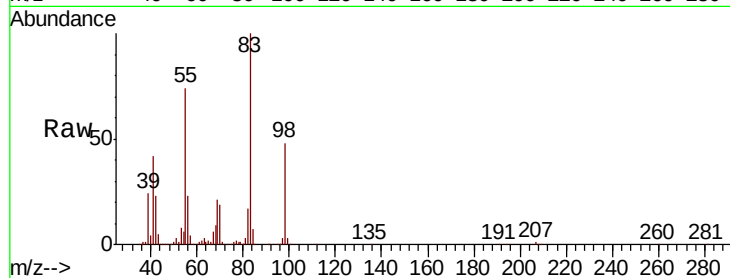




#39
Methylvlcyclohexane
Concen: 20.776 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

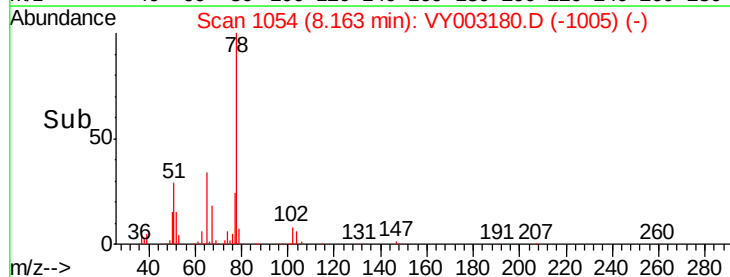
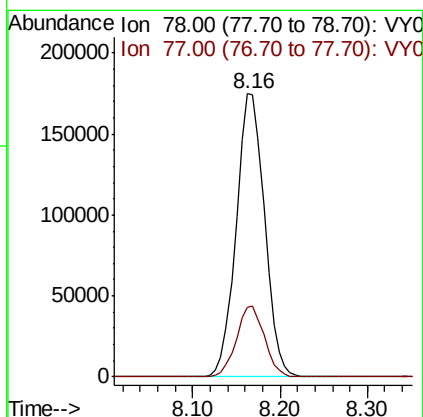
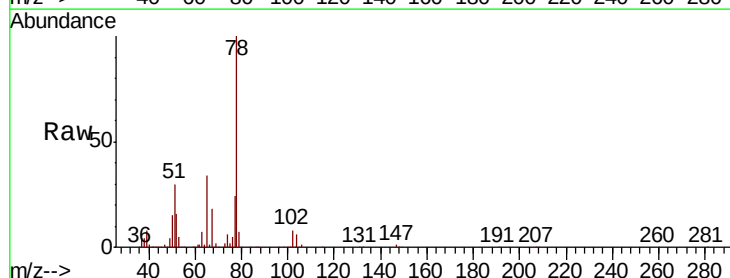
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

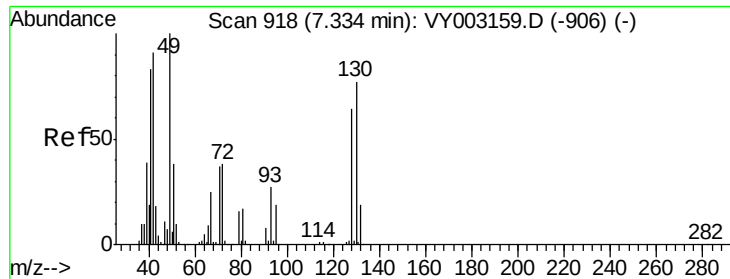
Tot Ion: 83 Resp: 174756
Ion Ratio Lower Upper
83 100
55 74.4 57.2 85.8
98 47.5 41.0 61.6



#40
Benzene
Concen: 21.419 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 78 Resp: 394906
Ion Ratio Lower Upper
78 100
77 24.5 20.7 31.1

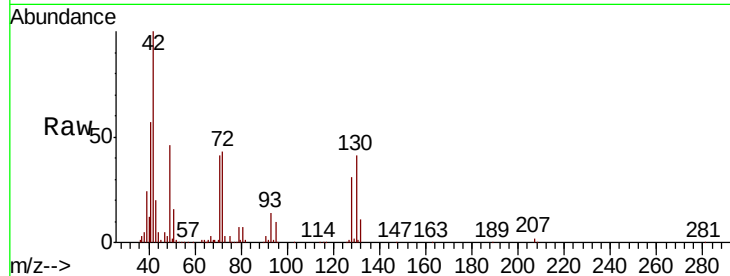




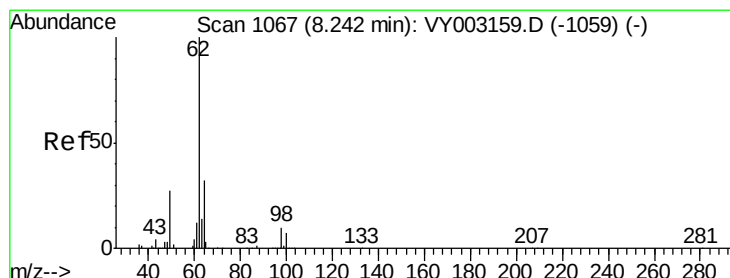
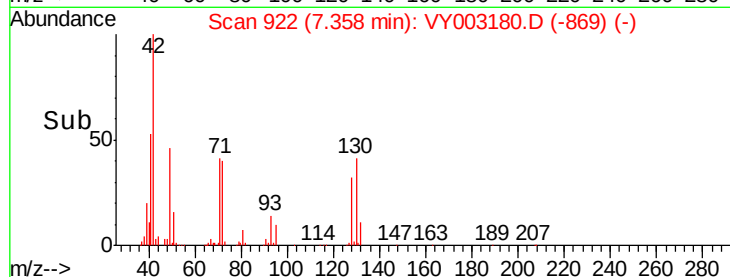
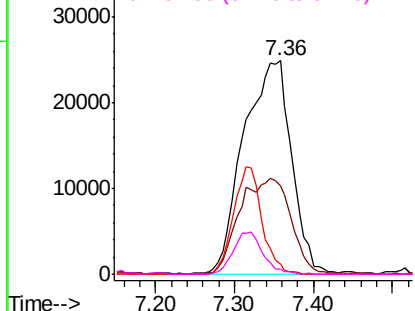
#41
Methacrylonitrile
Concen: 48.351 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tot Ion:	41	Resp:	105008
Ion	Ratio	Lower	Upper
41	100		
39	48.3	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

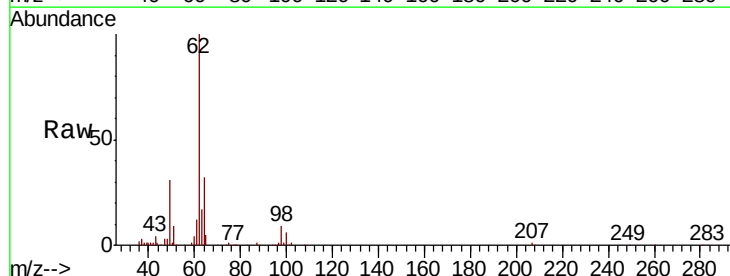


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

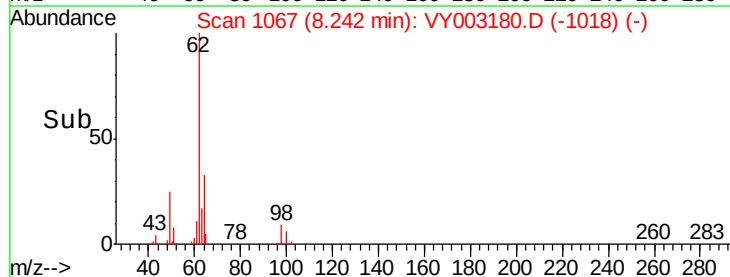
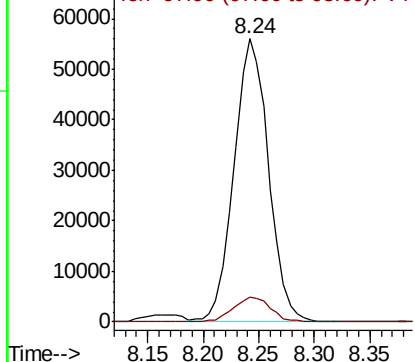


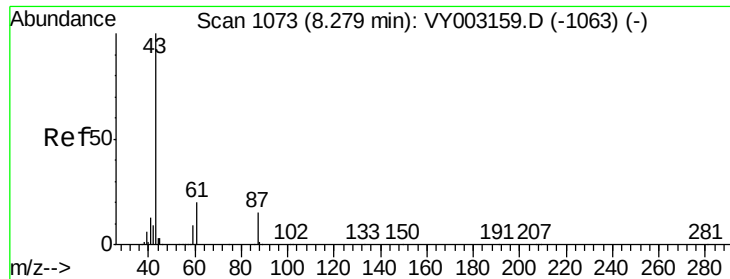
#42
1,2-Dichloroethane
Concen: 21.226 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion:	62	Resp:	120479
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.709 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

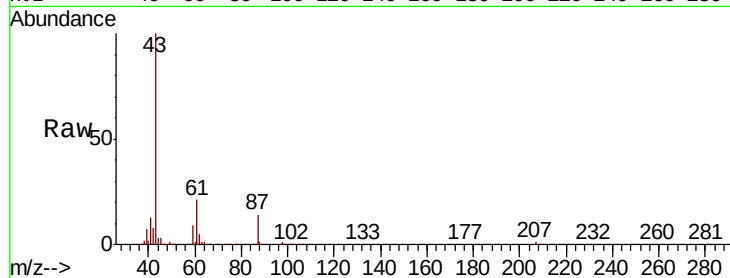
Tot Ion: 43 Resp: 144548

Ion Ratio Lower Upper

43 100

61 30.7 23.7 35.5

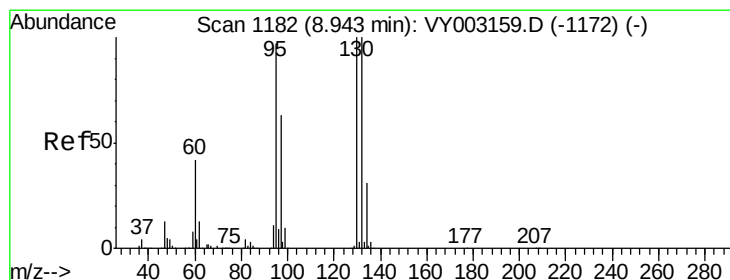
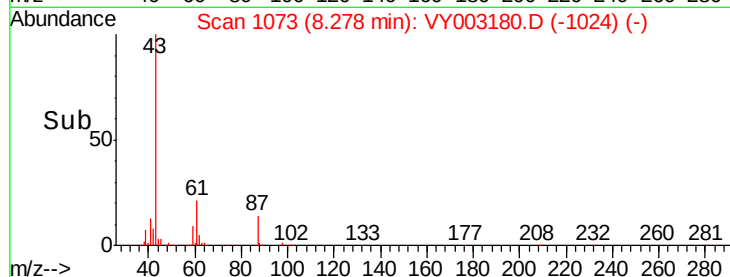
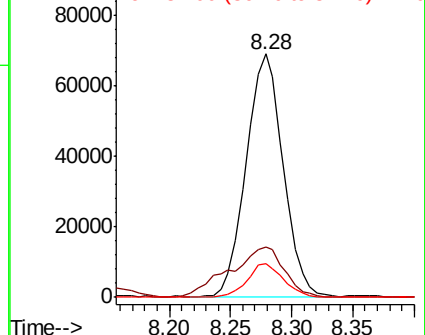
87 13.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.912 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003180.D

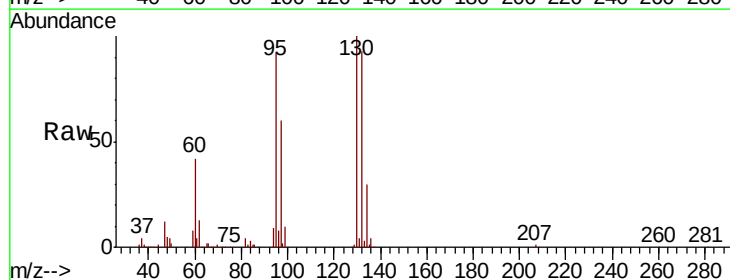
Acq: 13 Jul 2020 12:25

Tgt Ion:130 Resp: 118194

Ion Ratio Lower Upper

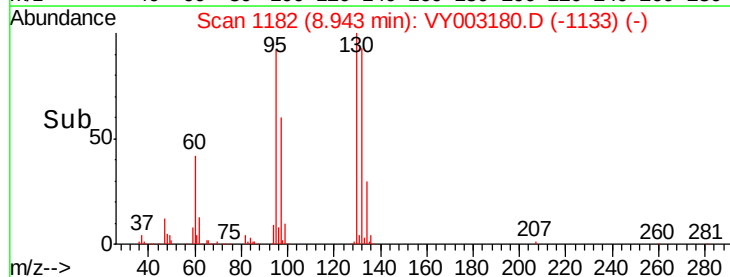
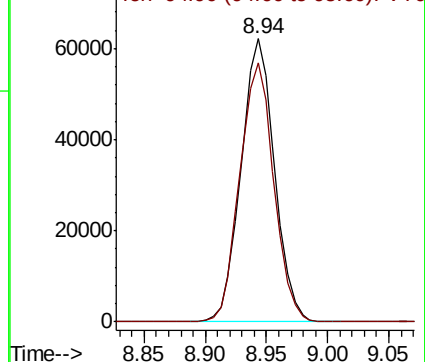
130 100

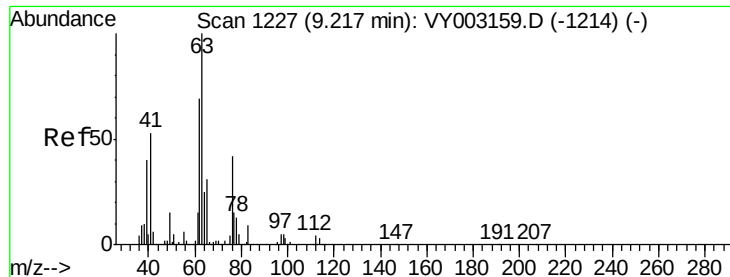
95 91.6 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.753 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

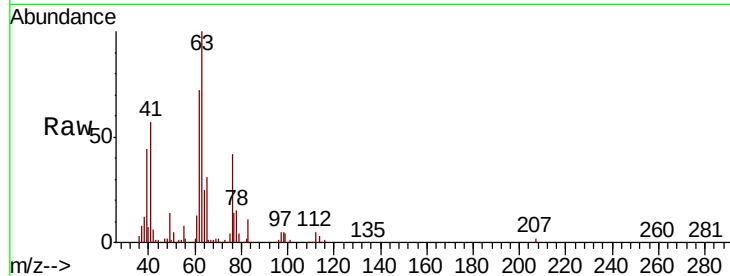
VY0713SBS01

Tot Ion: 63 Resp: 103775

Ion Ratio Lower Upper

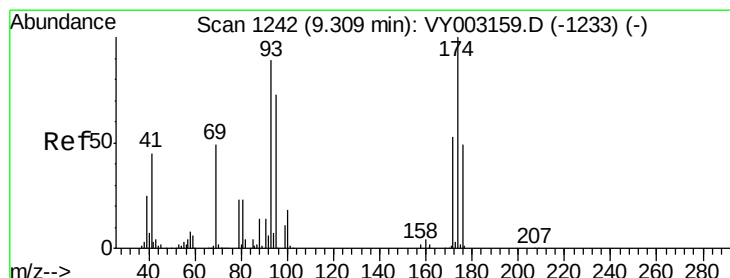
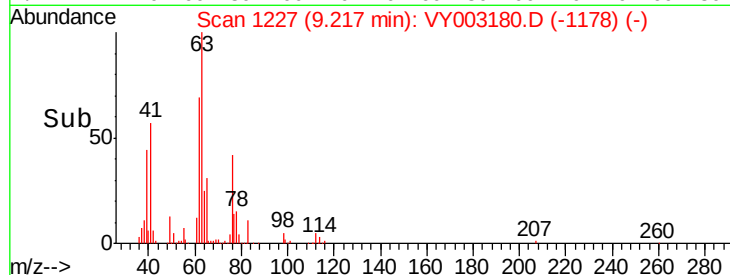
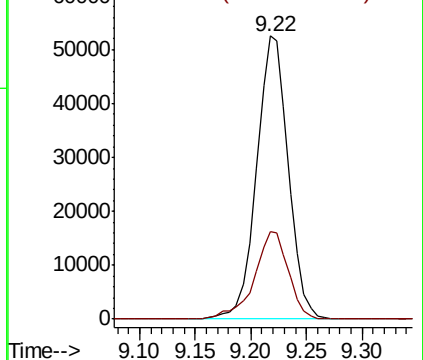
63 100

65 31.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.117 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

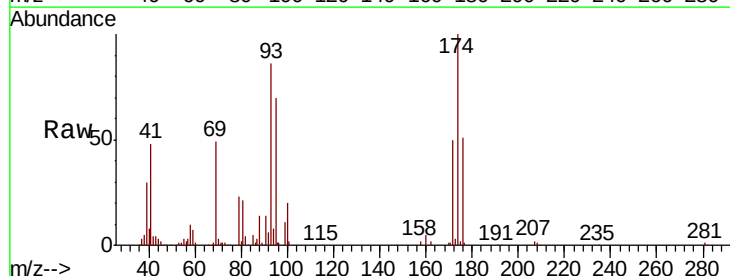
Tgt Ion: 93 Resp: 58841

Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

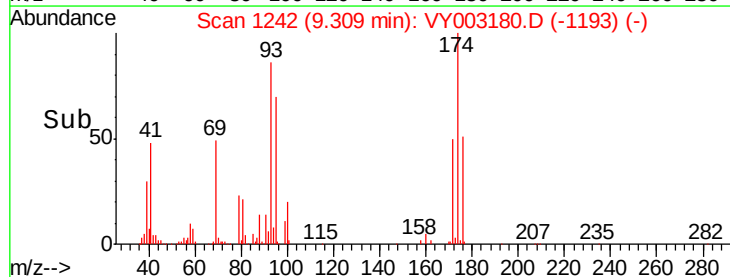
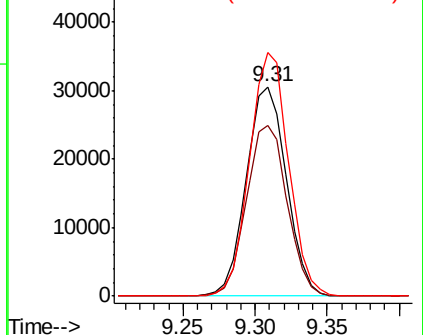
174 113.2 90.2 135.4

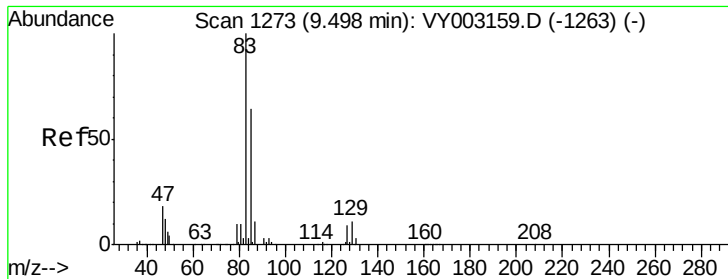


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.144 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

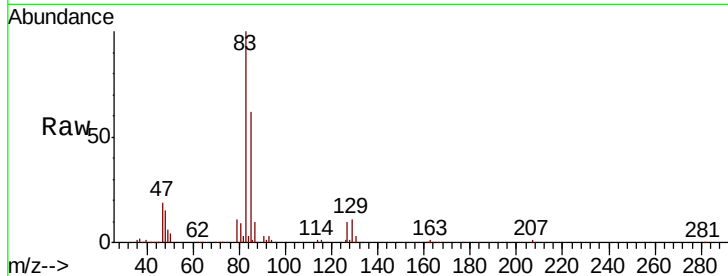
Tot Ion: 83 Resp: 140125

Ion Ratio Lower Upper

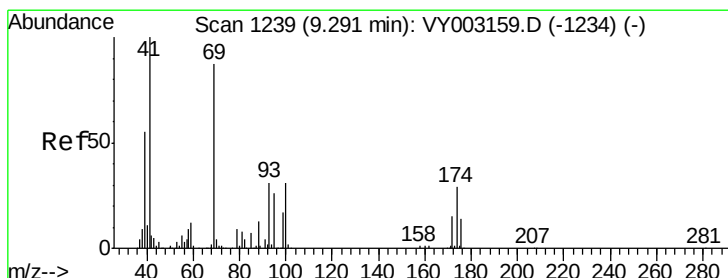
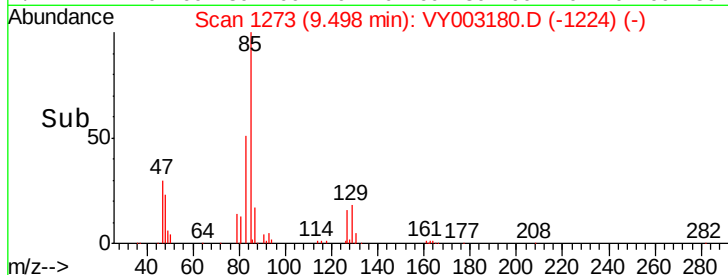
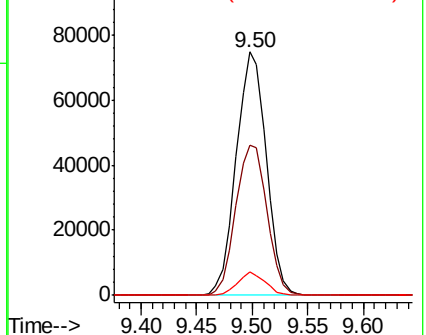
83 100

85 61.9 50.9 76.3

127 9.6 7.0 10.4



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



#48

Methyl methacrylate

Concen: 20.749 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

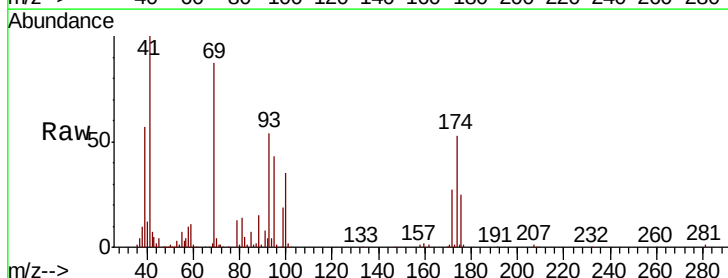
Tgt Ion: 41 Resp: 64744

Ion Ratio Lower Upper

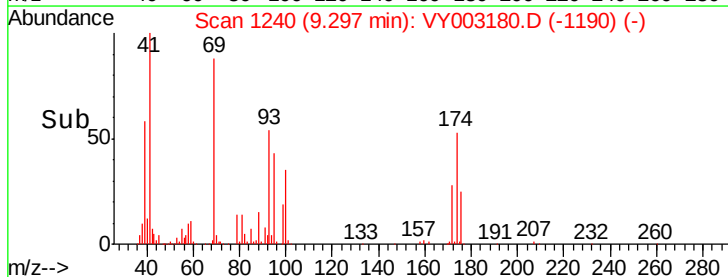
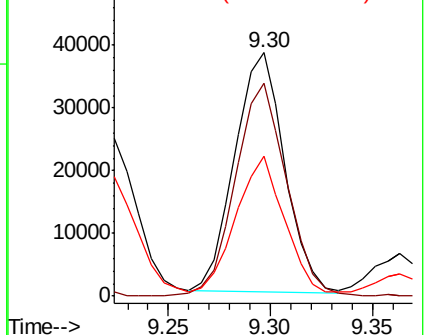
41 100

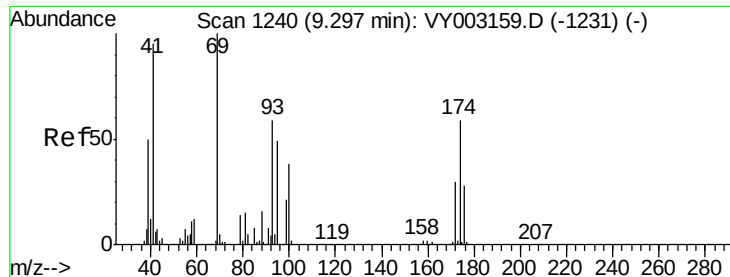
69 91.5 74.5 111.7

39 58.2 47.5 71.3



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





#49

1,4-Dioxane

Concen: 438.523 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

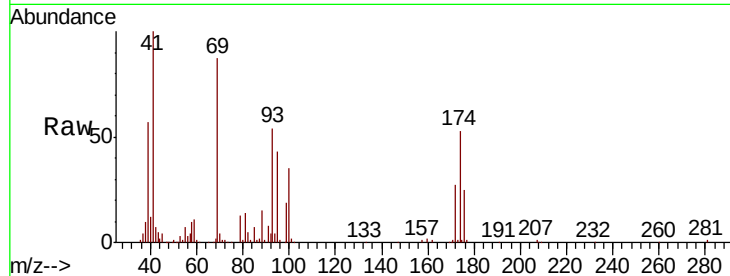
Tot Ion: 88 Resp: 15508

Ion Ratio Lower Upper

88 100

43 32.4 25.6 38.4

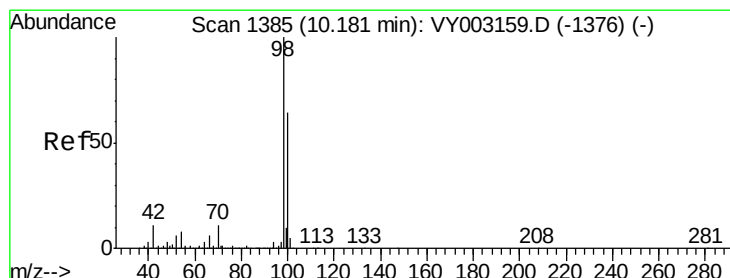
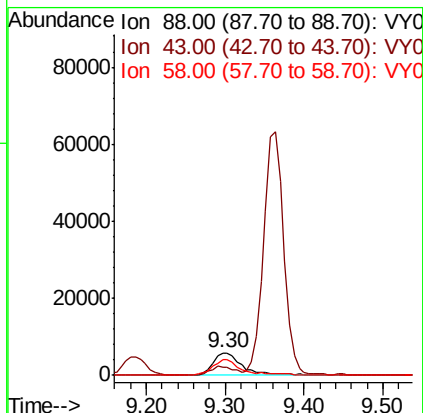
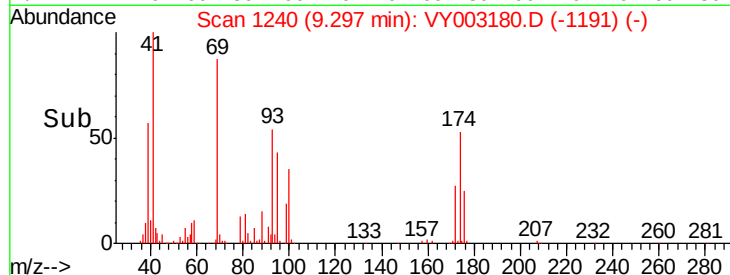
58 63.3 47.8 71.6



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: 48.420 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003180.D

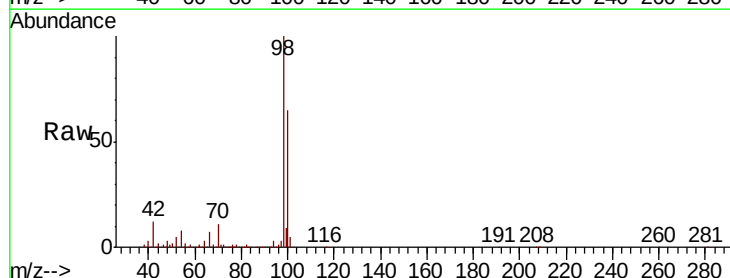
Acq: 13 Jul 2020 12:25

Tgt Ion: 98 Resp: 765361

Ion Ratio Lower Upper

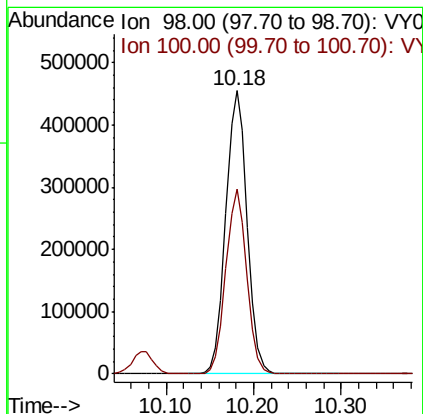
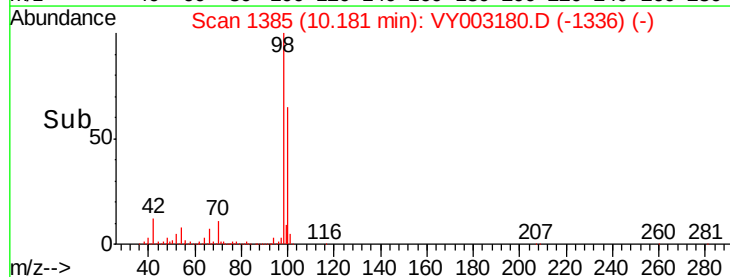
98 100

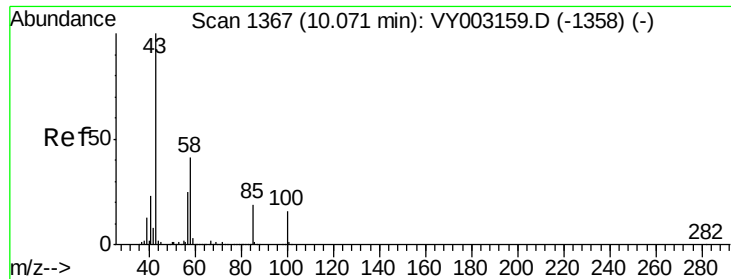
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

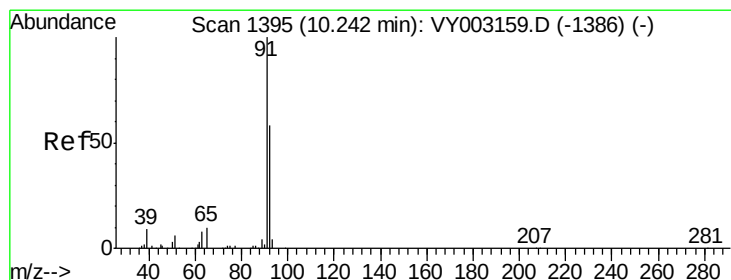
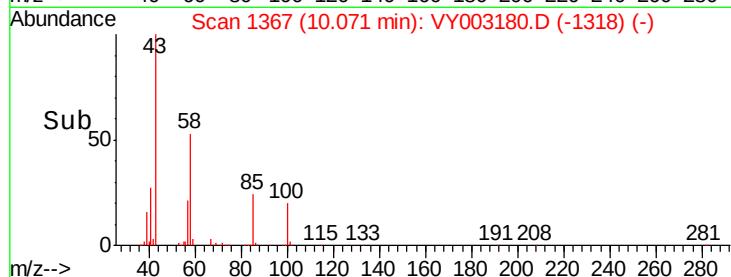
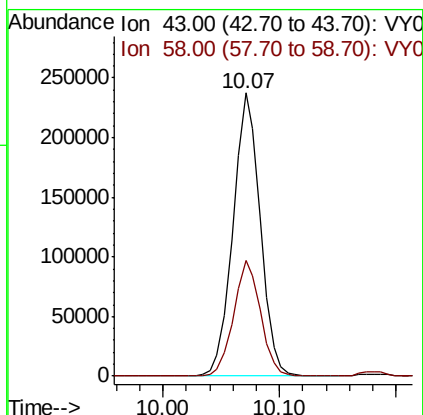
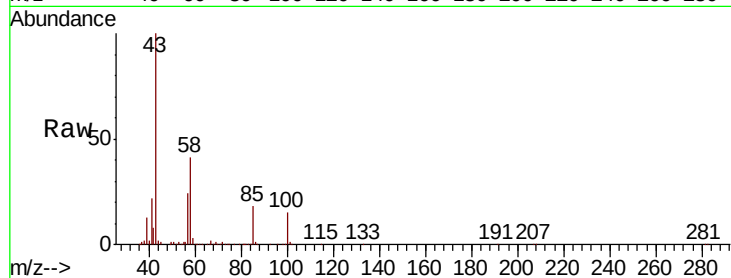




#51
4-Methyl-2-Pentanone
Concen: 106.442 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

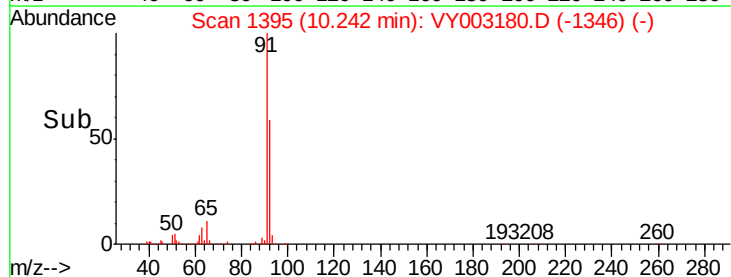
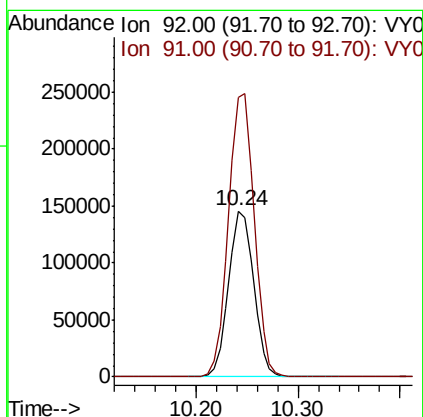
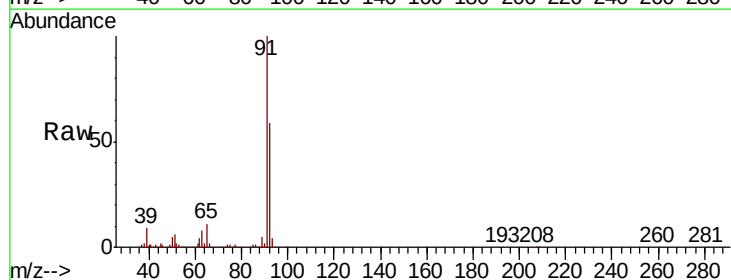
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

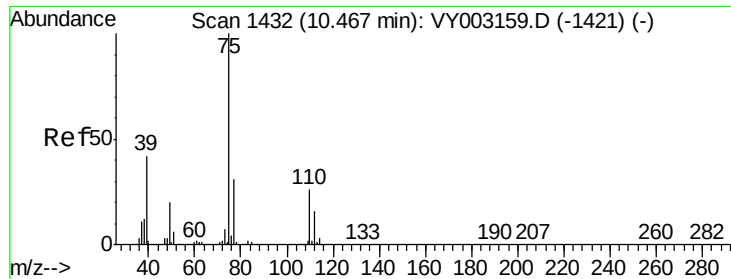
Tot Ion: 43 Resp: 386164
Ion Ratio Lower Upper
43 100
58 40.4 32.7 49.1



#52
Toluene
Concen: 21.082 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 92 Resp: 248446
Ion Ratio Lower Upper
92 100
91 174.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.235 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

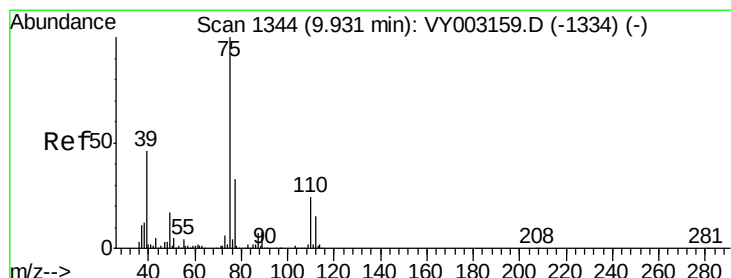
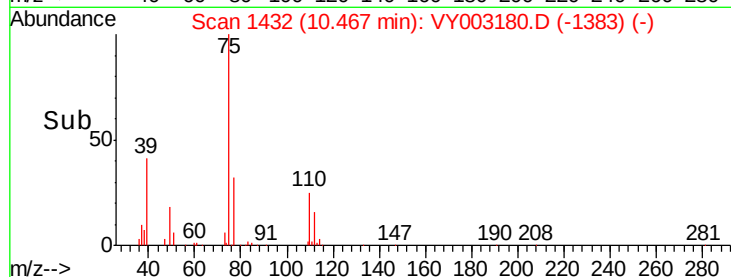
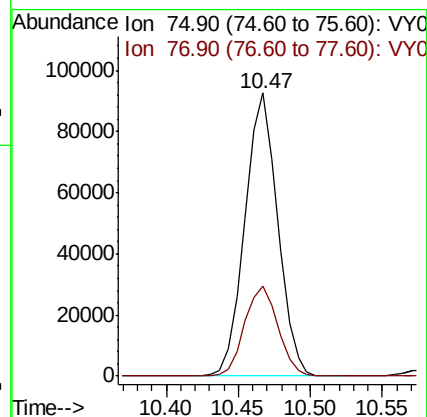
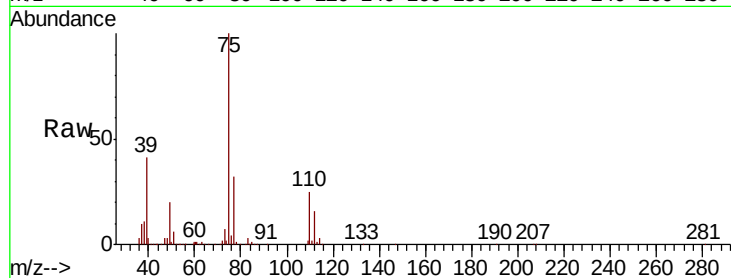
VY0713SBS01

Tot Ion: 75 Resp: 145800

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.111 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

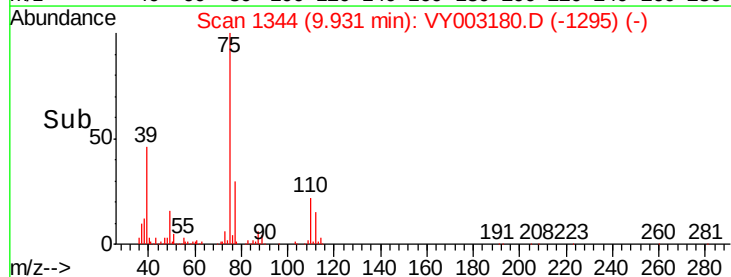
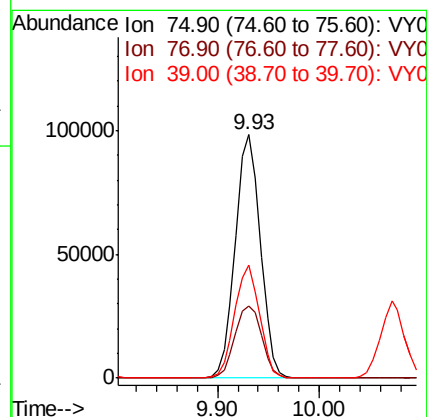
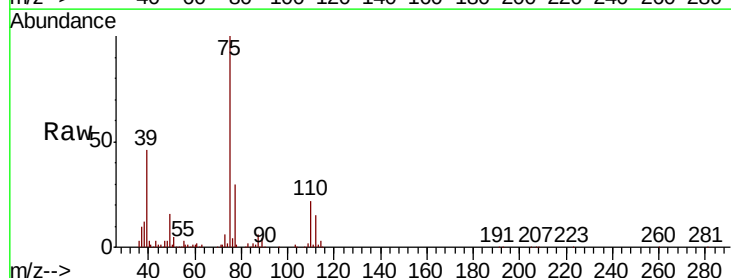
Tgt Ion: 75 Resp: 167014

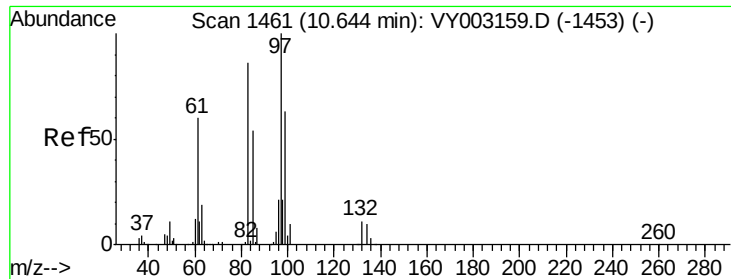
Ion Ratio Lower Upper

75 100

77 29.8 26.7 40.1

39 46.2 37.0 55.6

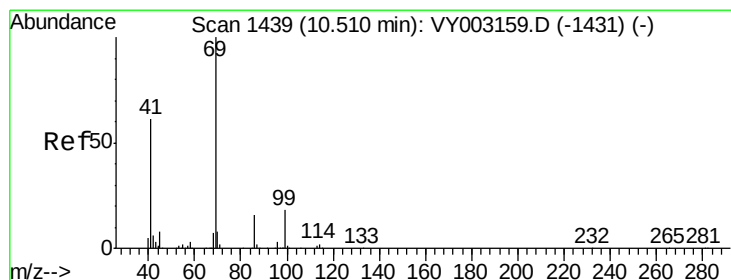
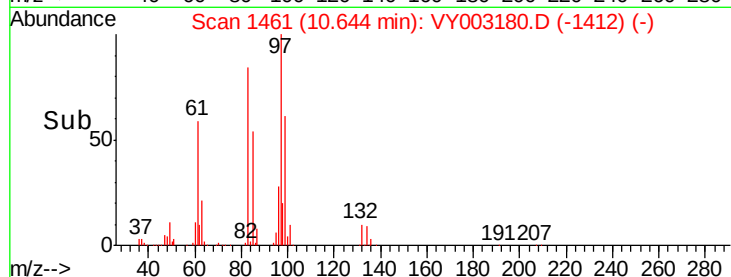
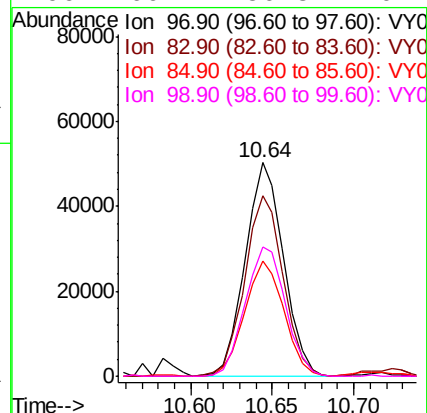
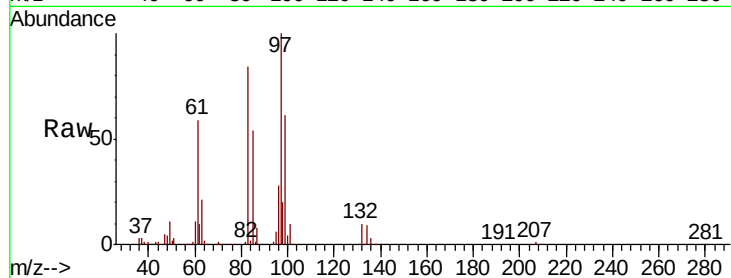




#55
 1,1,2-Trichloroethane
 Concen: 20.822 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

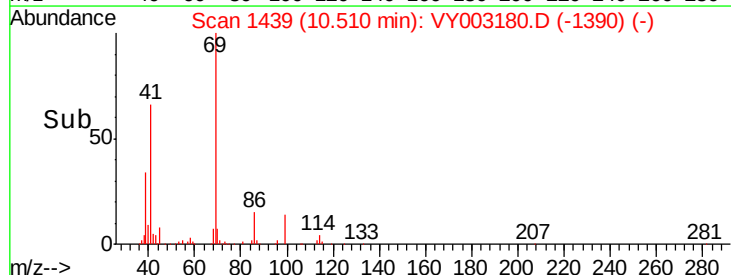
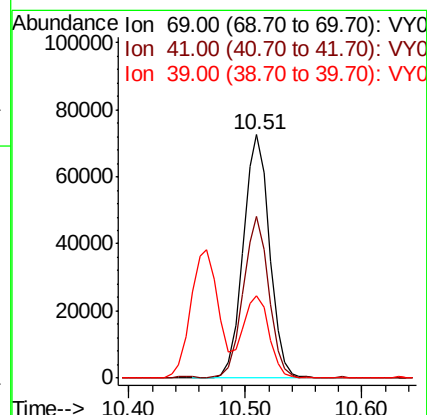
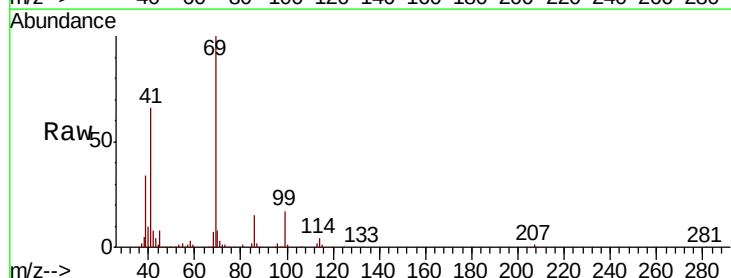
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

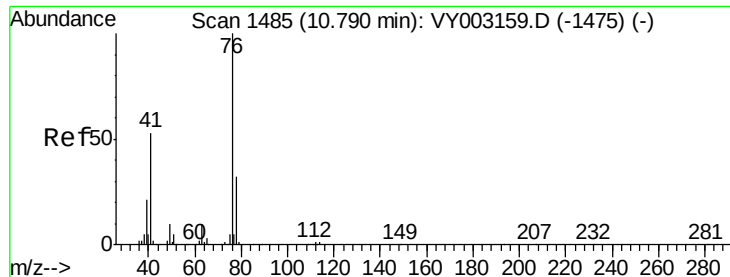
Tot Ion:	97	Resp:	82216
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.8	103.2
85	53.9	43.1	64.7
99	60.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.303 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion:	69	Resp:	114358
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	34.8	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.417 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

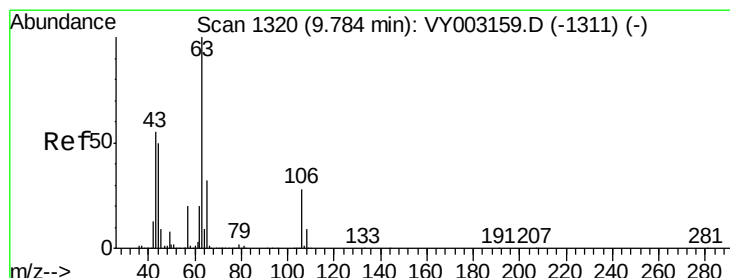
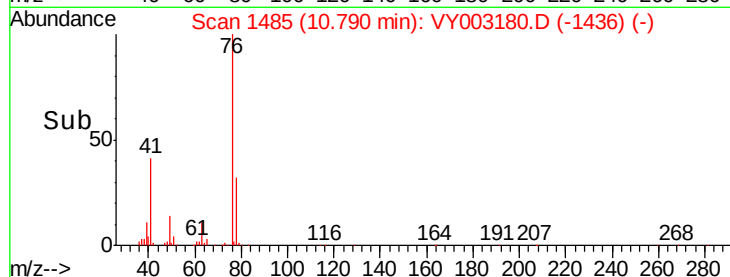
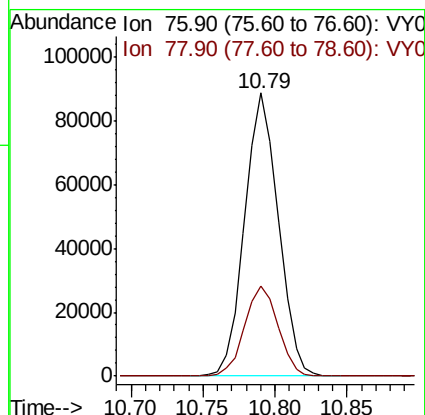
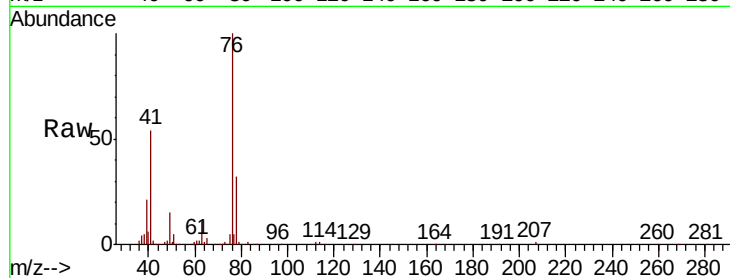
VY0713SBS01

Tot Ion: 76 Resp: 143386

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 103.217 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003180.D

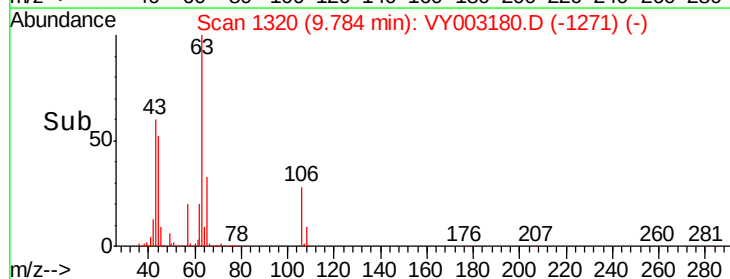
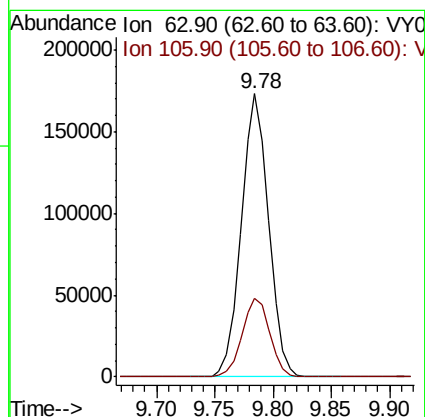
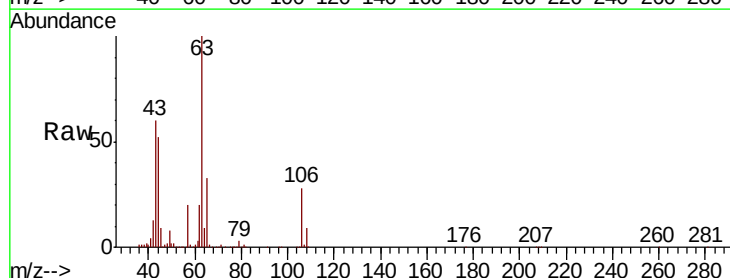
Acq: 13 Jul 2020 12:25

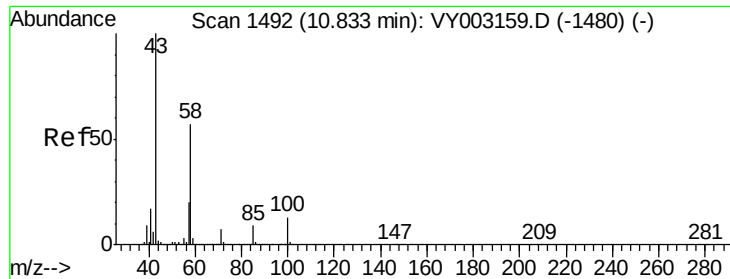
Tgt Ion: 63 Resp: 282577

Ion Ratio Lower Upper

63 100

106 28.2 22.9 34.3

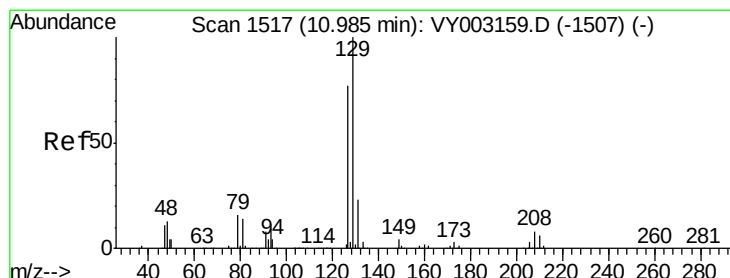
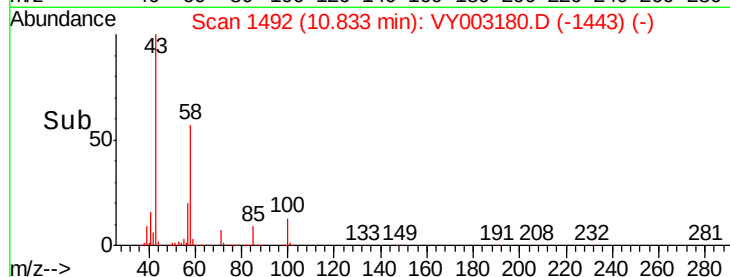
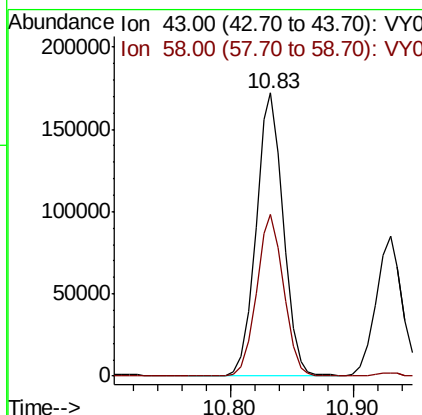
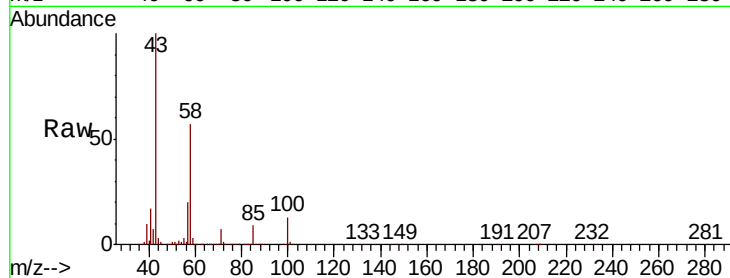




#59
2-Hexanone
Concen: 105.204 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

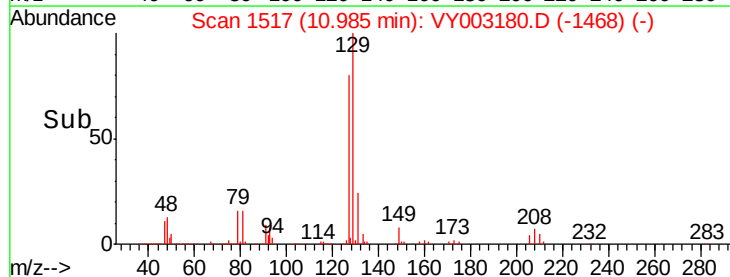
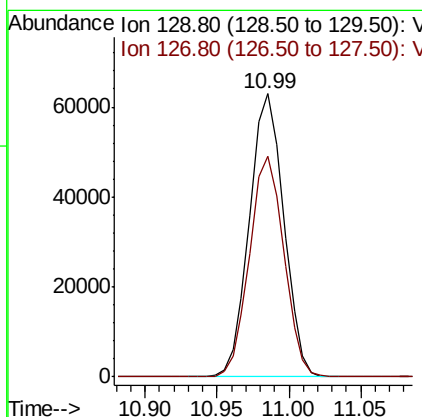
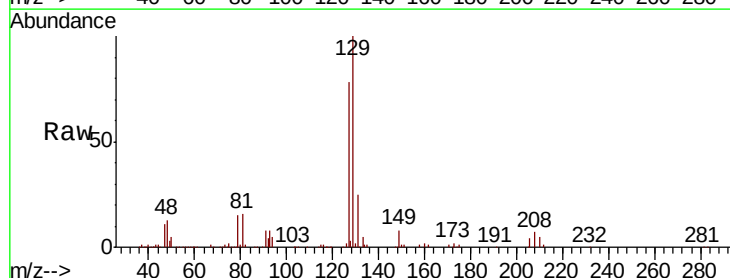
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

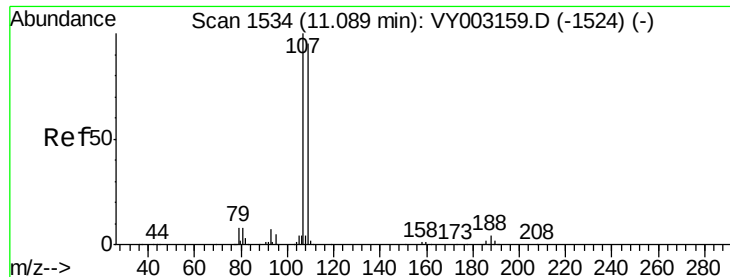
Tot Ion: 43 Resp: 266436
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0



#60
Dibromochloromethane
Concen: 20.932 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 129 Resp: 103954
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

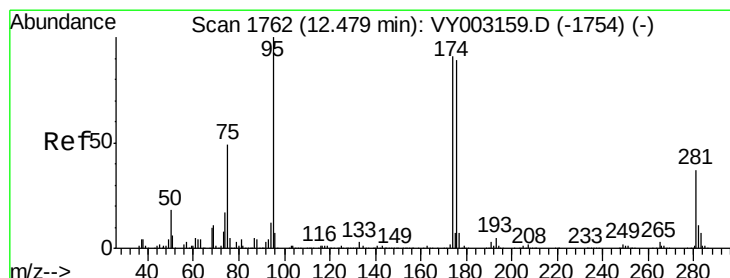
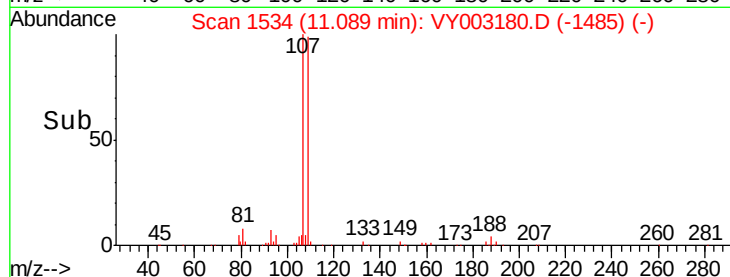
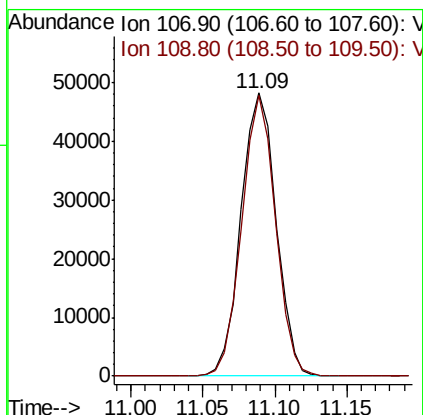
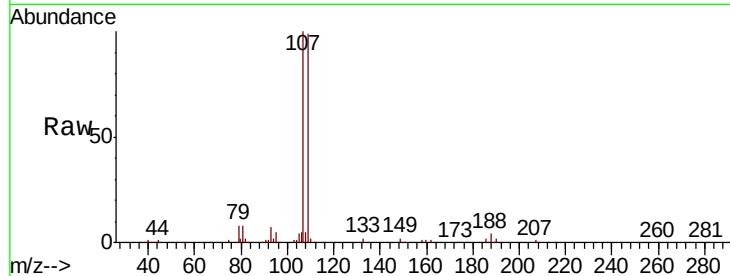




#61
 1,2-Dibromoethane
 Concen: 20.872 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

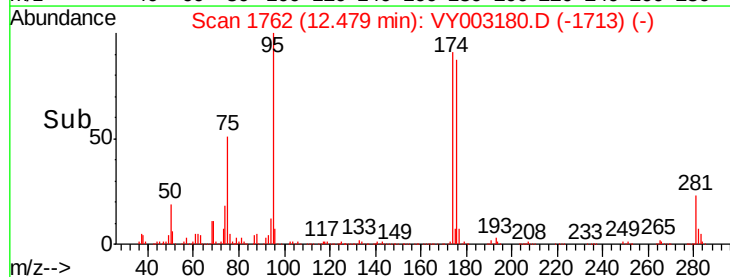
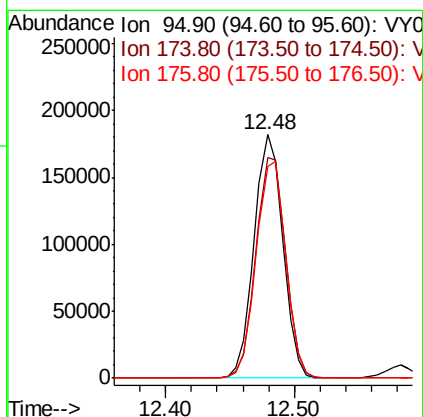
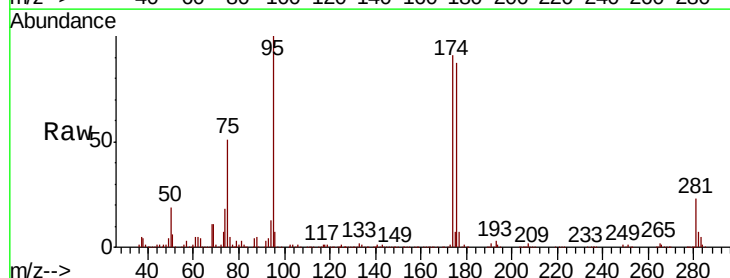
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

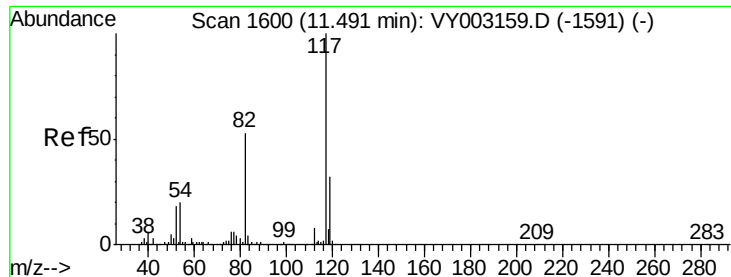
Tot Ion: 107 Resp: 81337
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.060 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 95 Resp: 280152
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 190.6
 176 91.4 0.0 186.4

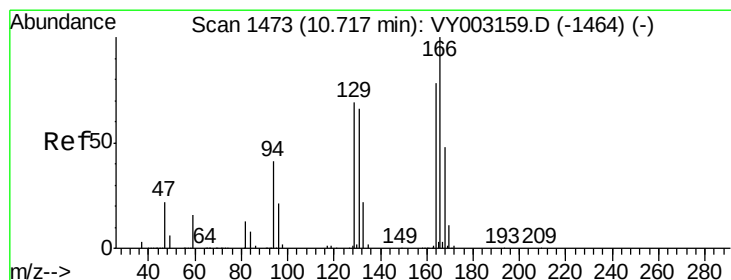
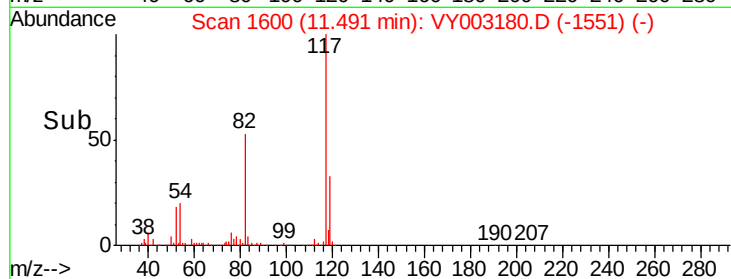
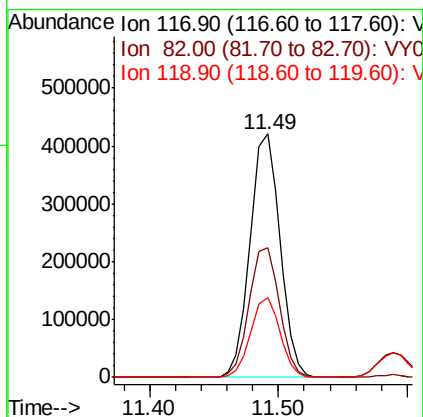
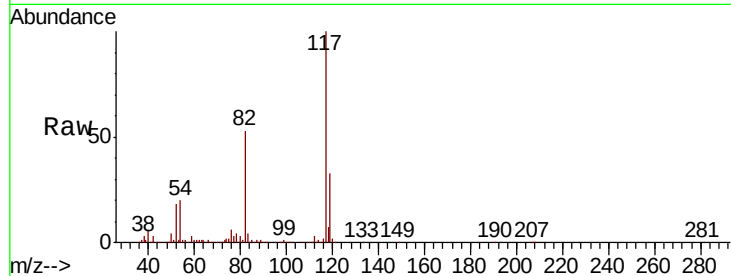




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

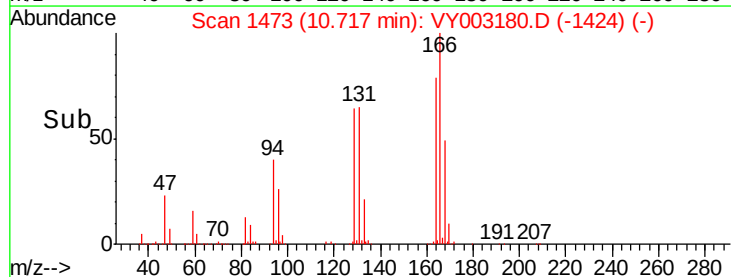
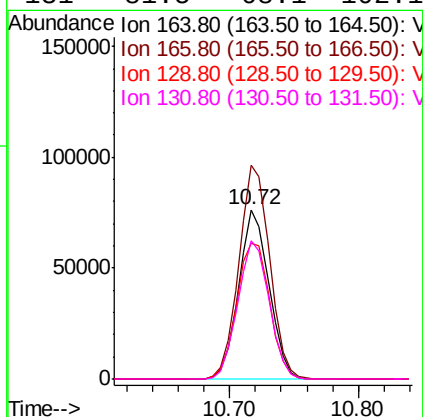
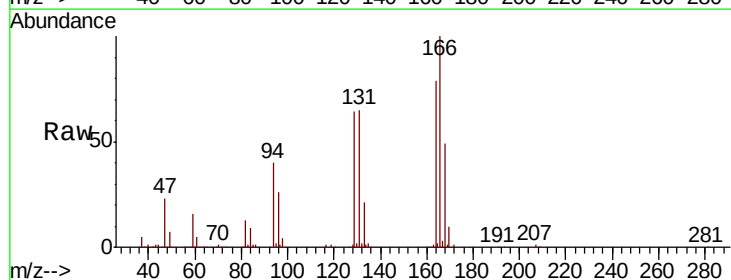
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

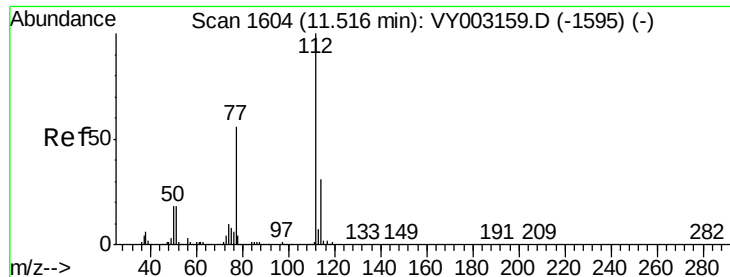
Tot Ion:117 Resp: 675745
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.606 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion:164 Resp: 124154
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 80.3 71.4 107.2
131 81.5 68.1 102.1

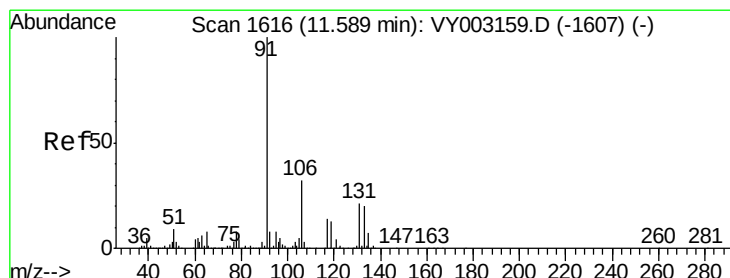
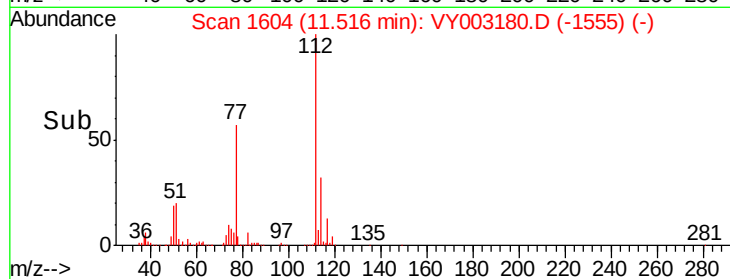
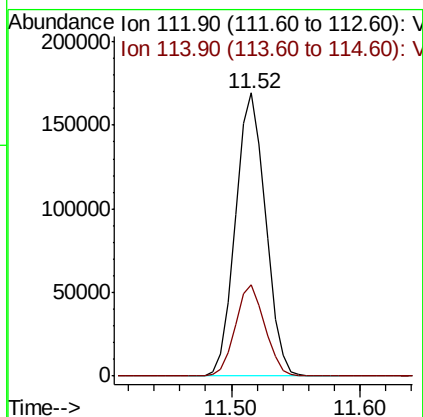
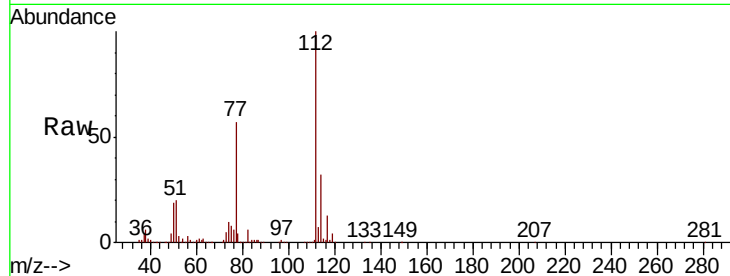




#65
Chlorobenzene
Concen: 21.067 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

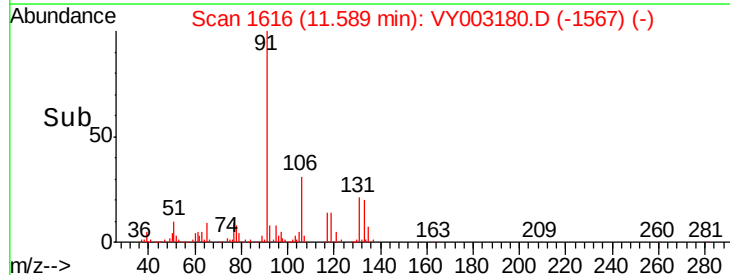
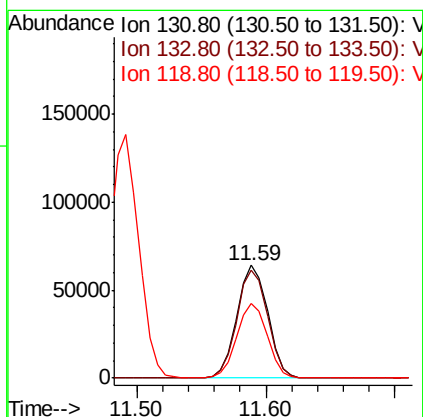
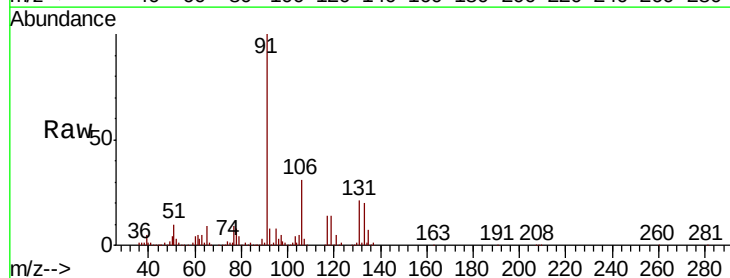
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

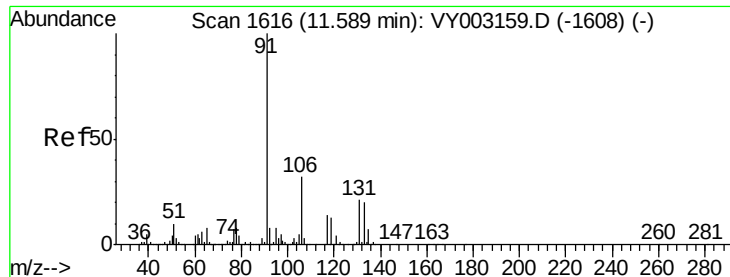
Tot Ion:112 Resp: 274244
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.969 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion:131 Resp: 106021
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 65.5 32.4 97.0

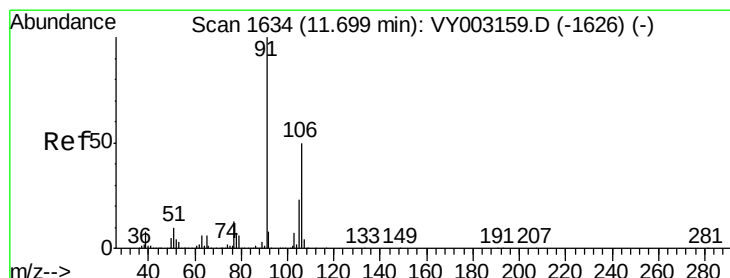
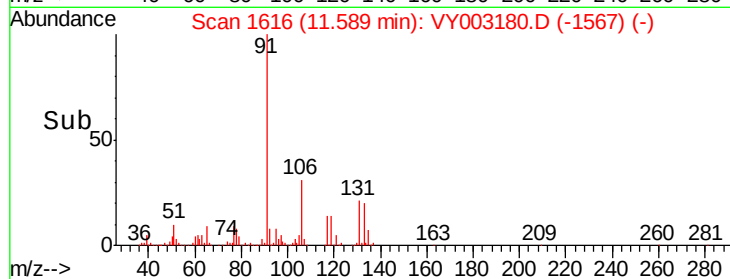
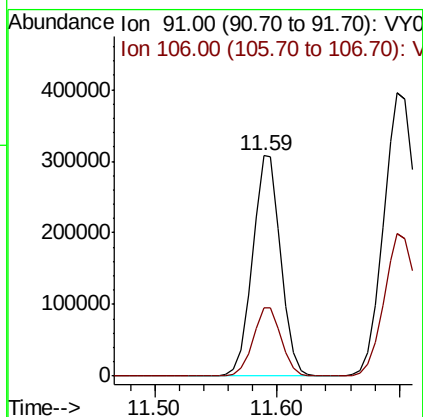
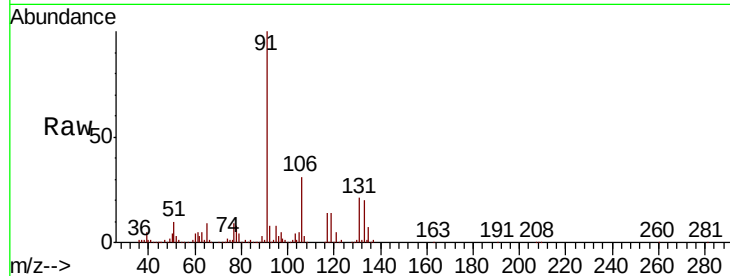




#67
Ethyl Benzene
Concen: 21.204 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

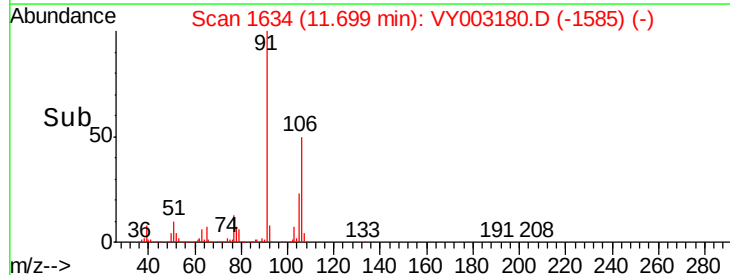
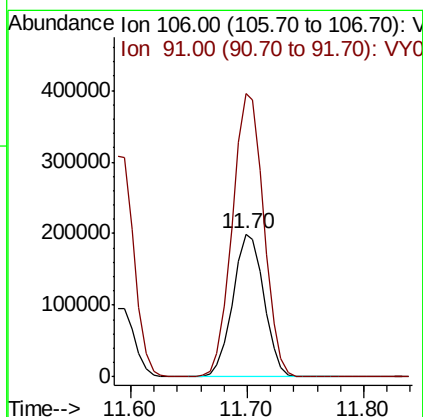
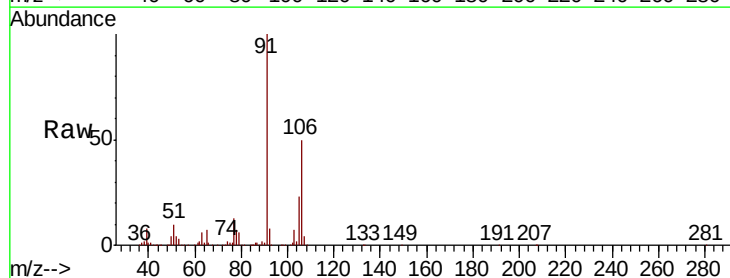
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

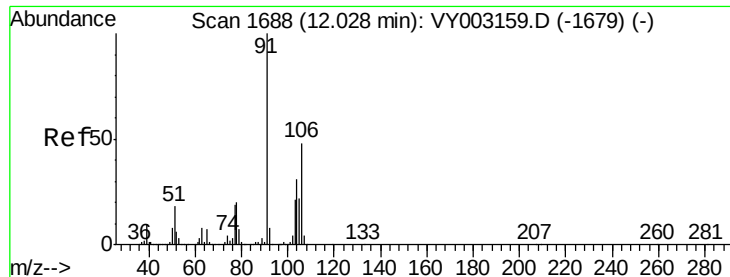
Tot Ion: 91 Resp: 492861
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 41.942 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 106 Resp: 369895
Ion Ratio Lower Upper
106 100
91 200.6 159.0 238.6

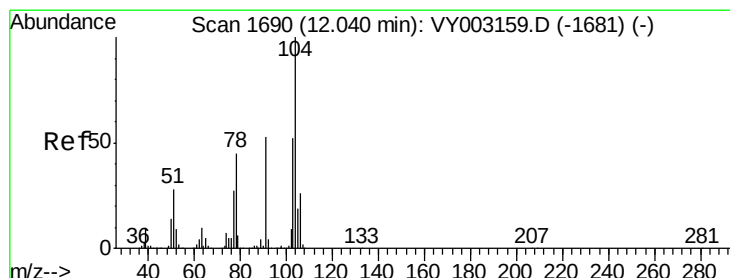
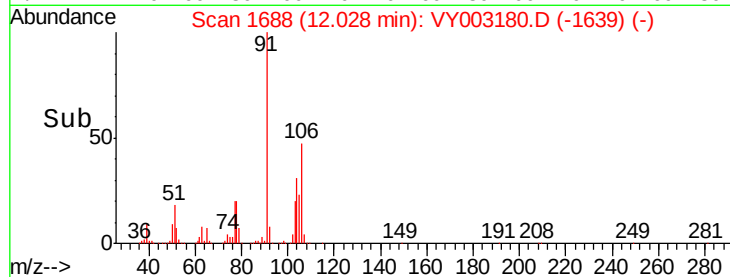
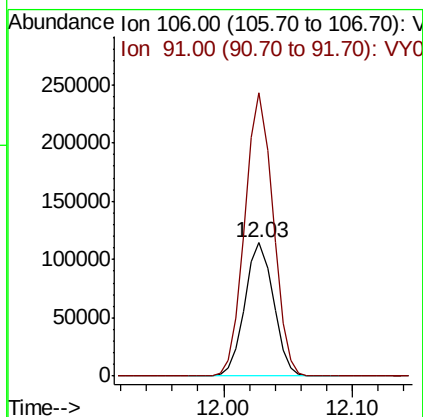
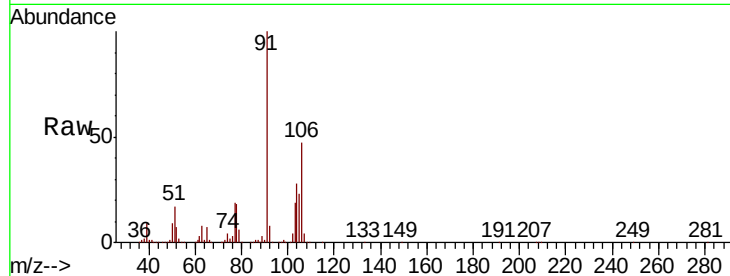




#69
o-Xylene
Concen: 21.317 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

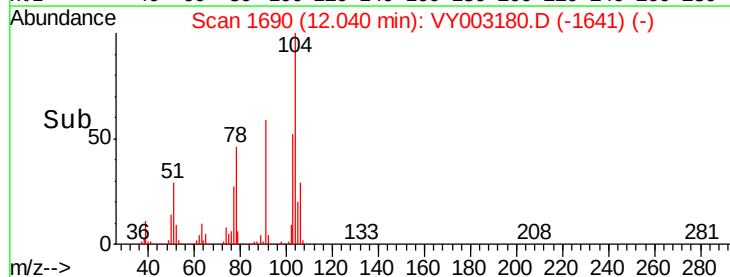
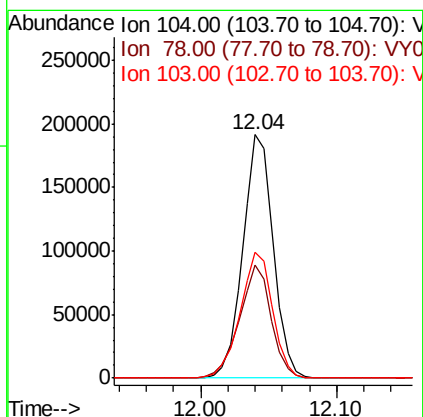
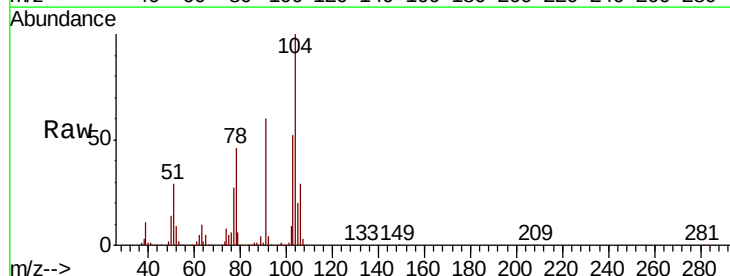
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

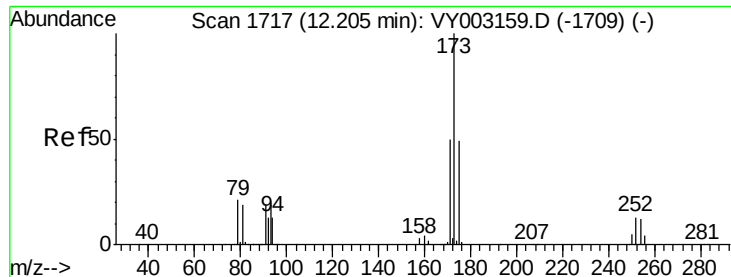
Tot Ion:106 Resp: 175635
Ion Ratio Lower Upper
106 100
91 209.6 105.1 315.1



#70
Styrene
Concen: 21.190 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion:104 Resp: 298654
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 55.3 43.9 65.9





#71

Bromoform

Concen: 20.987 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

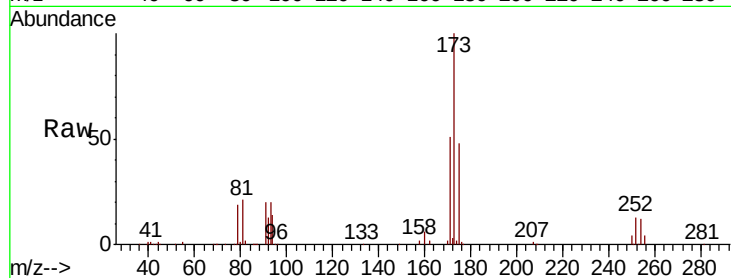
Tot Ion:173 Resp: 69644

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

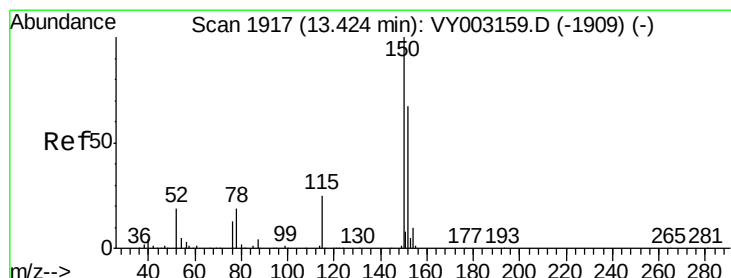
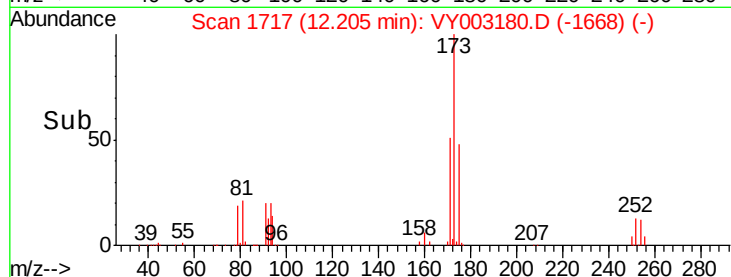
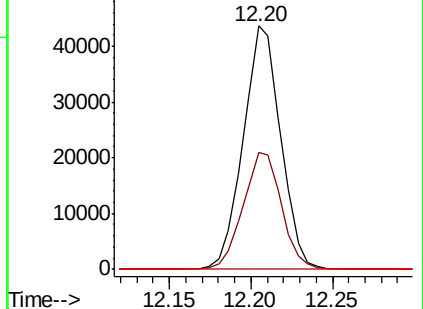
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

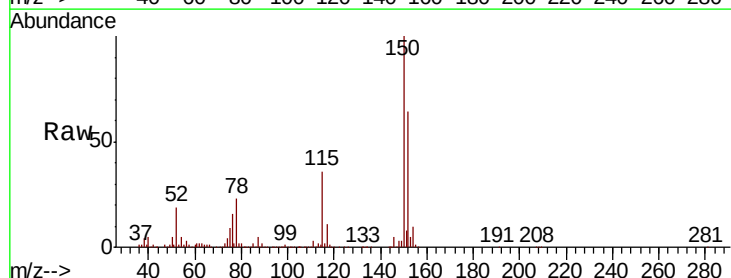
Tgt Ion:152 Resp: 358818

Ion Ratio Lower Upper

152 100

115 55.2 26.9 80.7

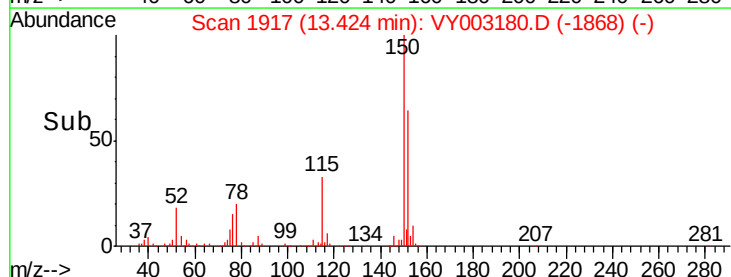
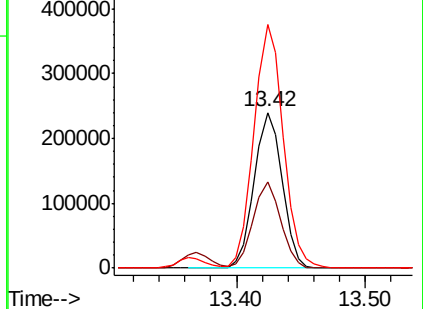
150 163.9 0.0 338.0

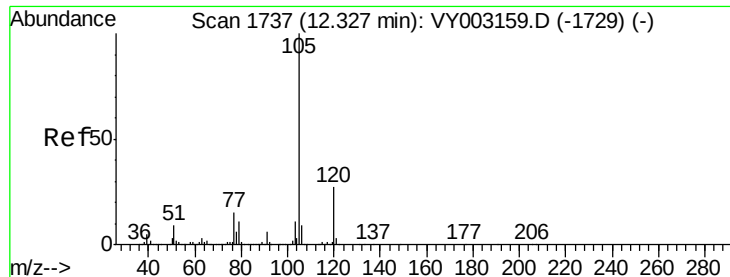


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.088 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

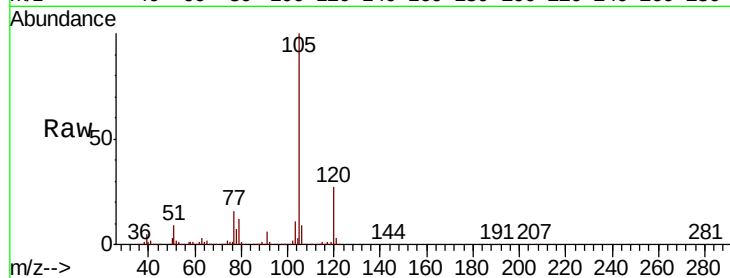
VY0713SBS01

Tot Ion:105 Resp: 482203

Ion Ratio Lower Upper

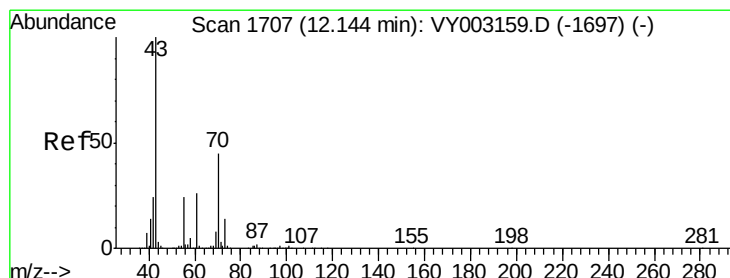
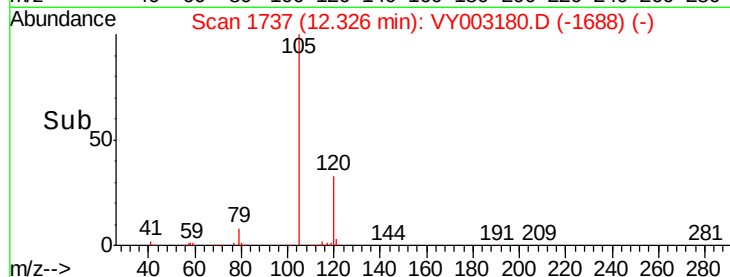
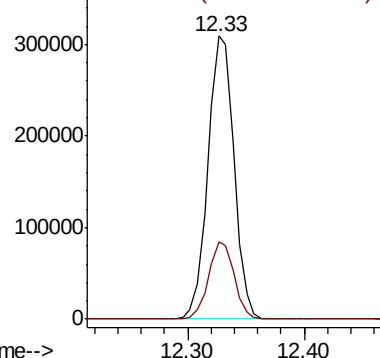
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.168 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Tgt Ion: 43 Resp: 135813

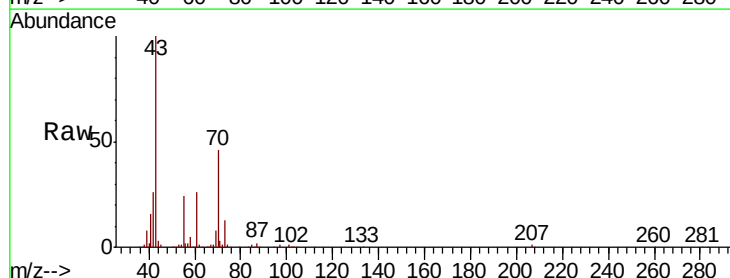
Ion Ratio Lower Upper

43 100

70 45.2 35.6 53.4

55 25.0 19.4 29.2

61 25.8 20.8 31.2

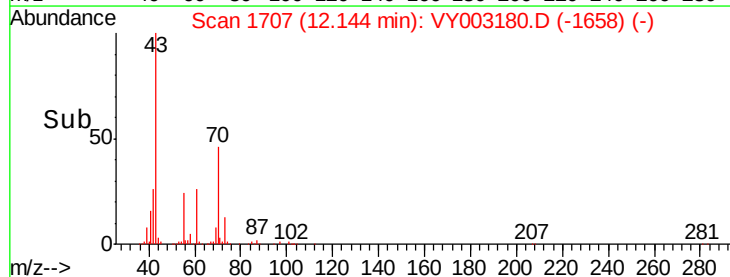
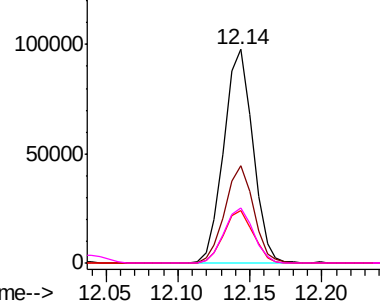


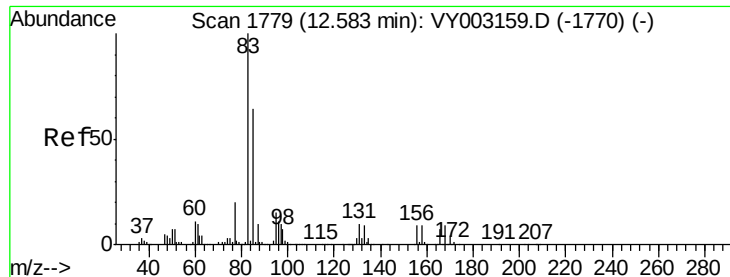
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.057 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

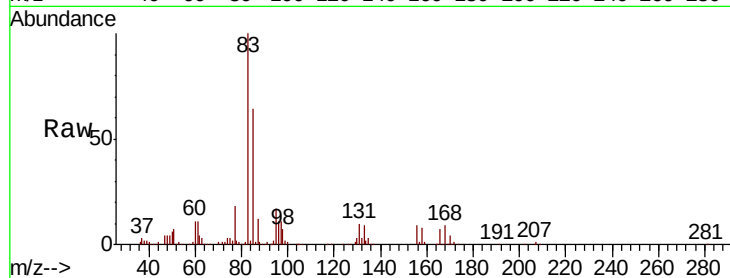
Tot Ion: 83 Resp: 92994

Ion Ratio Lower Upper

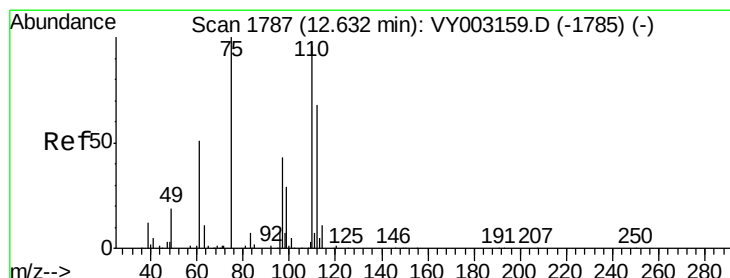
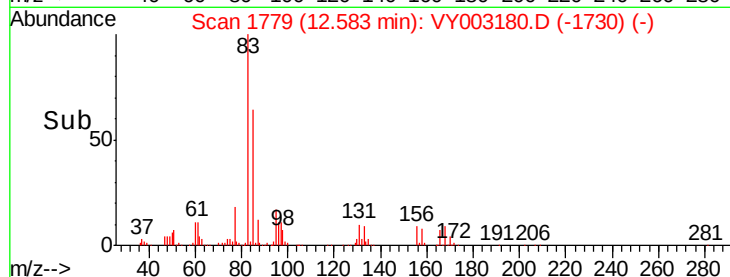
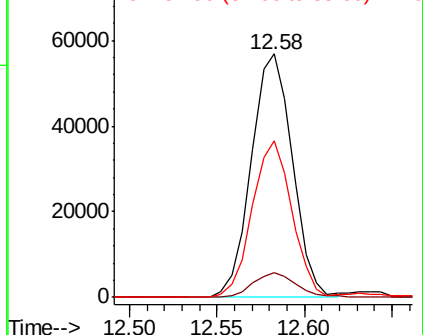
83 100

131 10.7 5.2 15.6

85 62.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.966 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003180.D

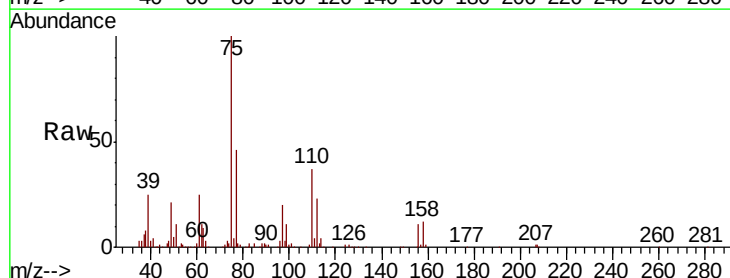
Acq: 13 Jul 2020 12:25

Tgt Ion: 75 Resp: 126938

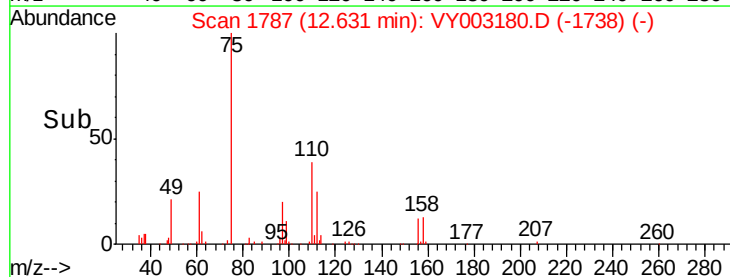
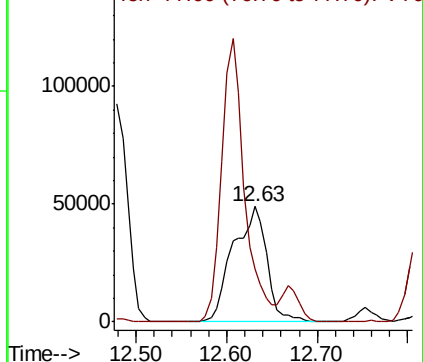
Ion Ratio Lower Upper

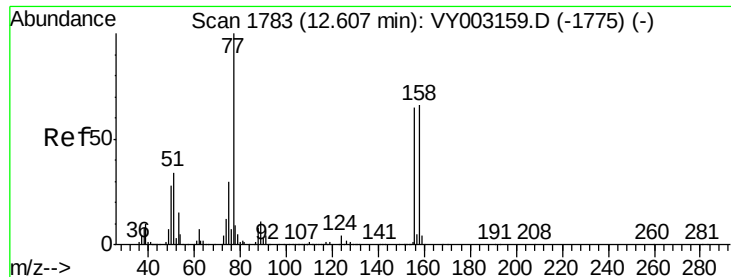
75 100

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: 21.291 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

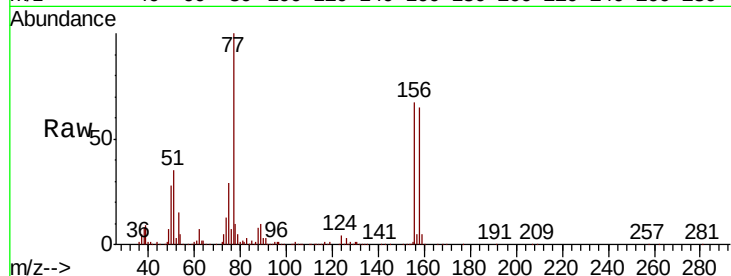
Tot Ion:156 Resp: 124098

Ion Ratio Lower Upper

156 100

77 171.1 86.6 259.7

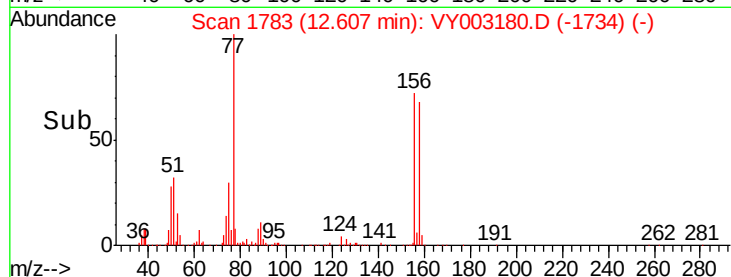
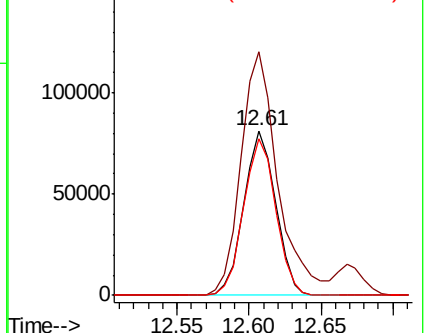
158 96.4 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.368 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003180.D

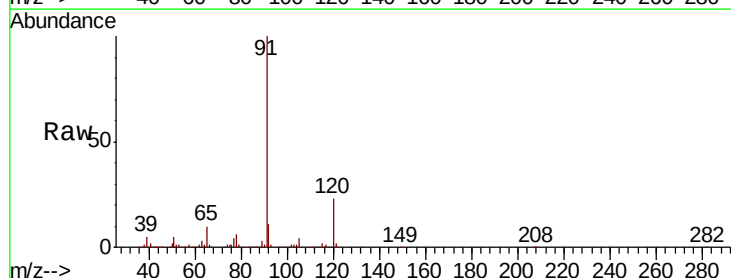
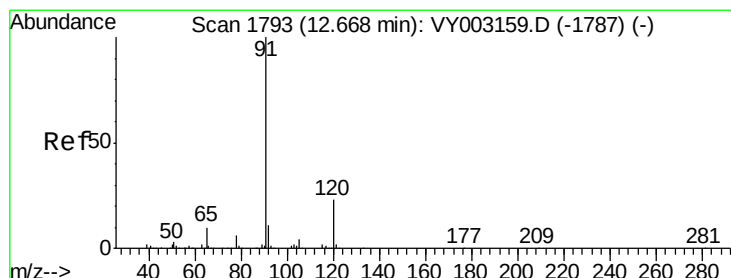
Acq: 13 Jul 2020 12:25

Tgt Ion: 91 Resp: 575951

Ion Ratio Lower Upper

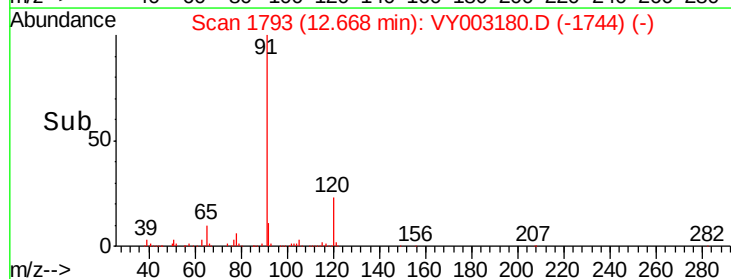
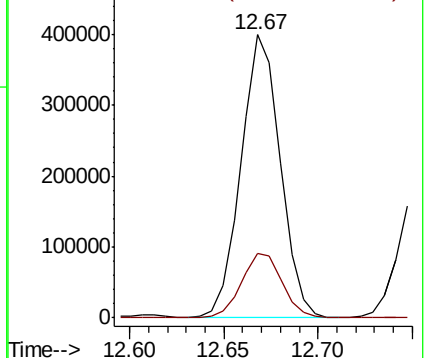
91 100

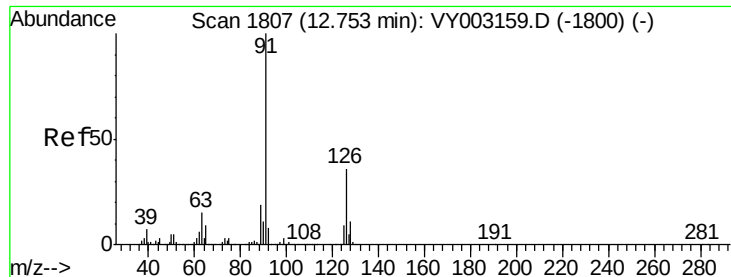
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

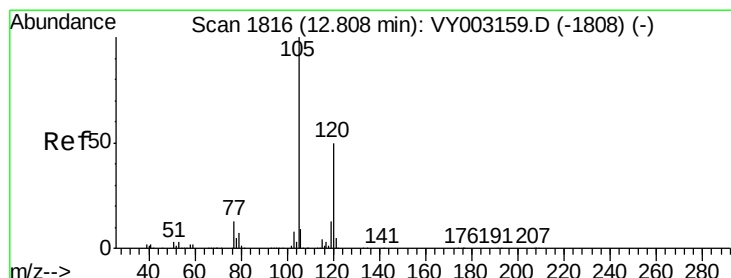
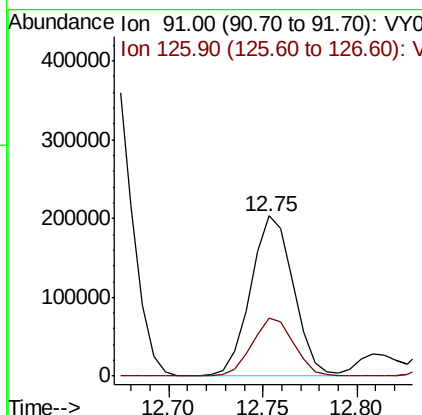
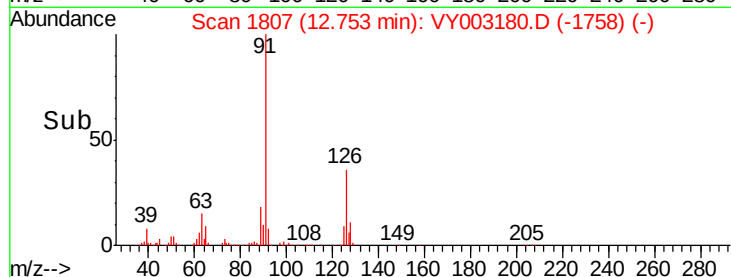
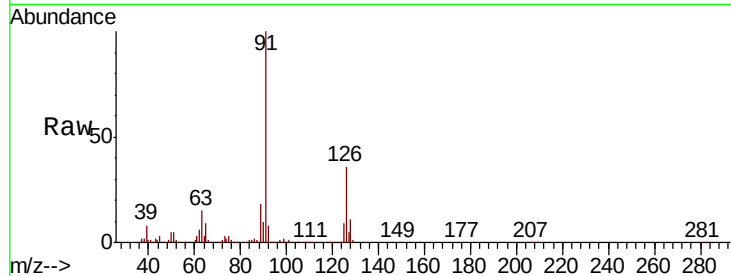




#79
 2-Chlorotoluene
 Concen: 21.280 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

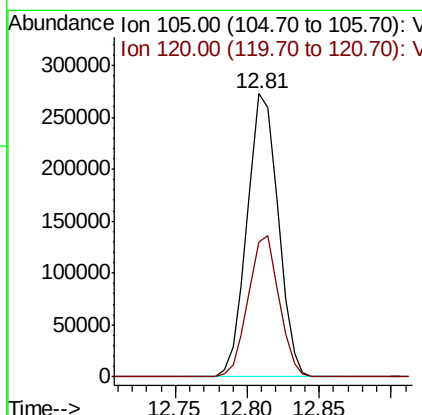
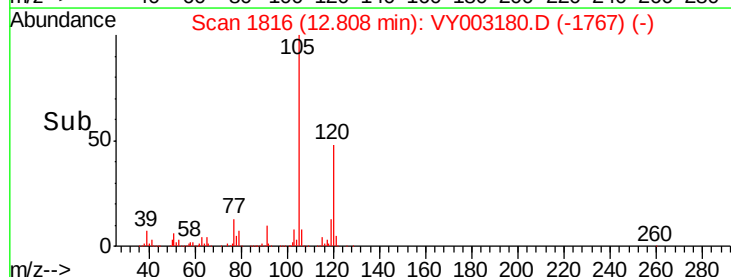
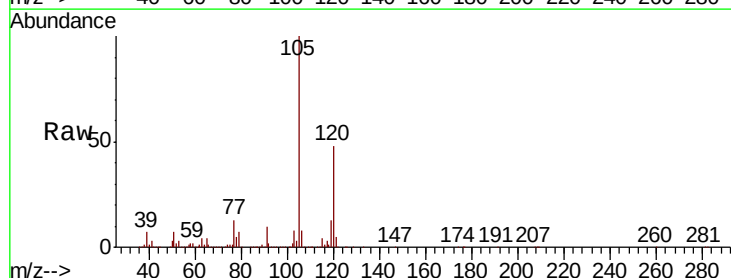
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

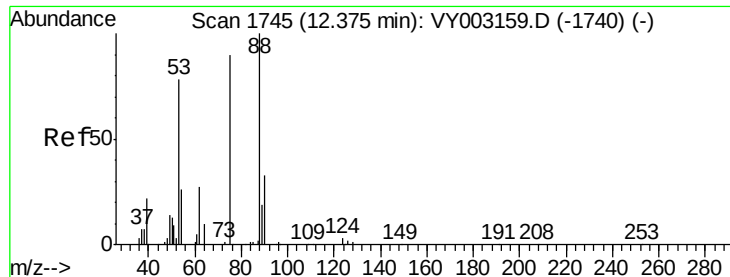
Tot Ion: 91 Resp: 320022
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.422 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion: 105 Resp: 408268
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.450 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

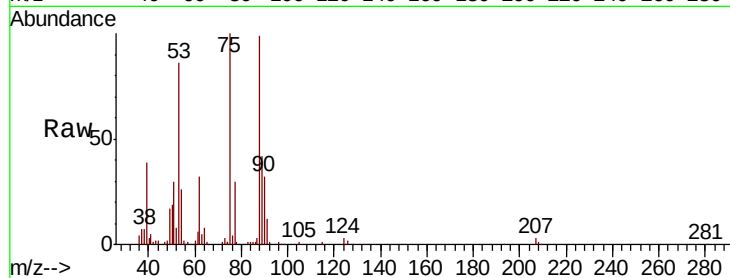
MSVOA_Y

ClientSampleId :

VY0713SBS01

Tot Ion: 75 Resp: 35006

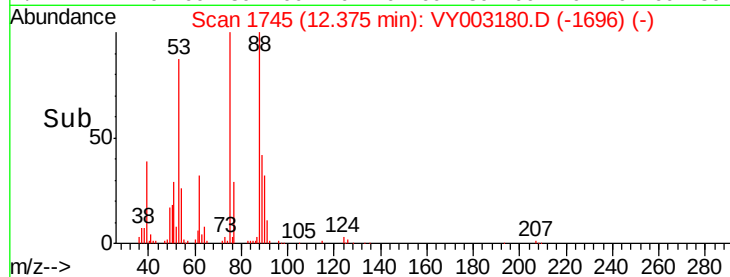
Ion	Ratio	Lower	Upper
75	100		
53	85.7	72.0	108.0
89	44.3	37.3	55.9



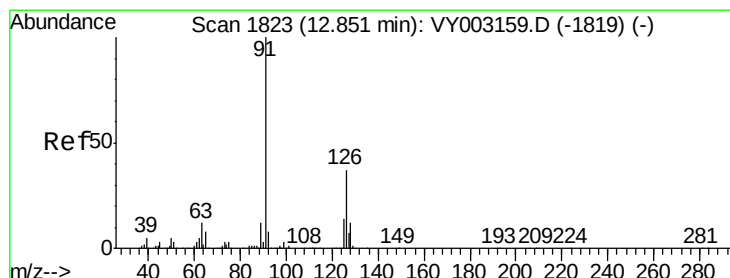
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



Time-->



#82

4-Chlorotoluene

Concen: 21.409 ug/l

RT: 12.85 min Scan# 1823

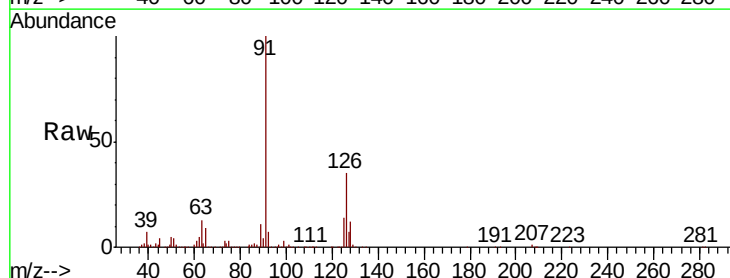
Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

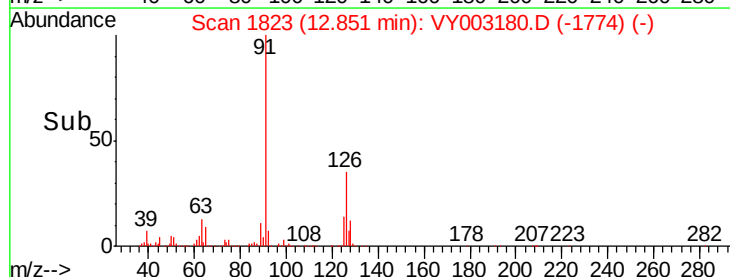
Tgt Ion: 91 Resp: 336051

Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.9	53.7

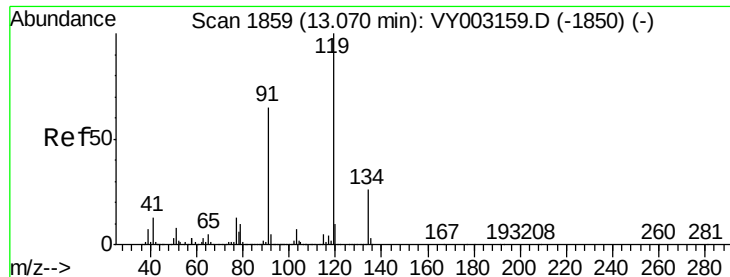


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



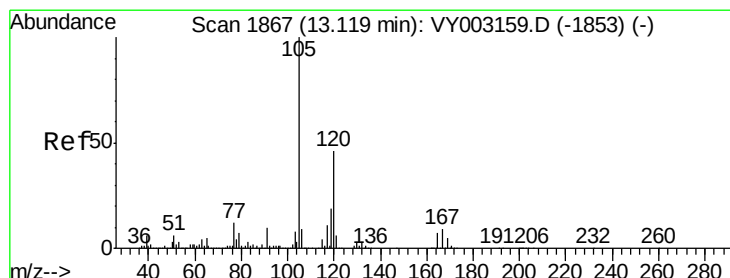
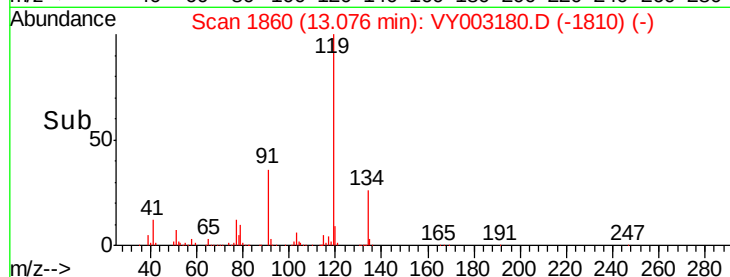
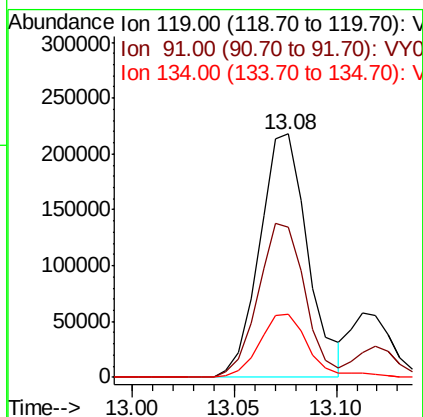
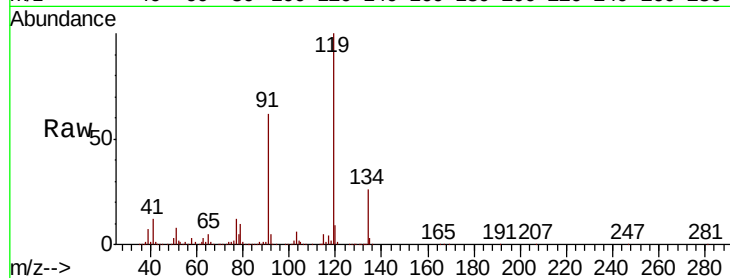
Time-->



#83
tert-Butylbenzene
Concen: 21.319 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

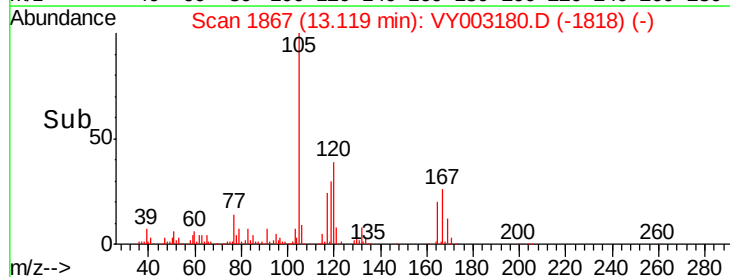
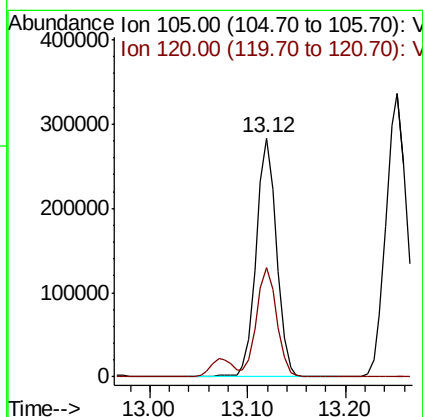
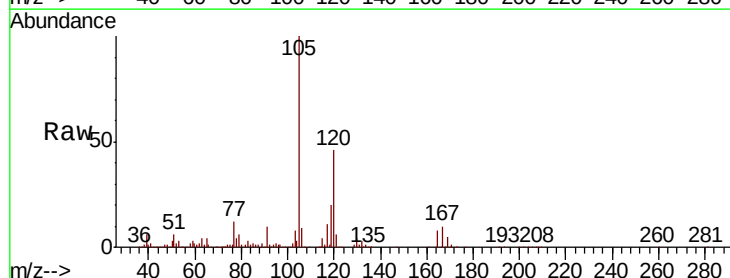
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

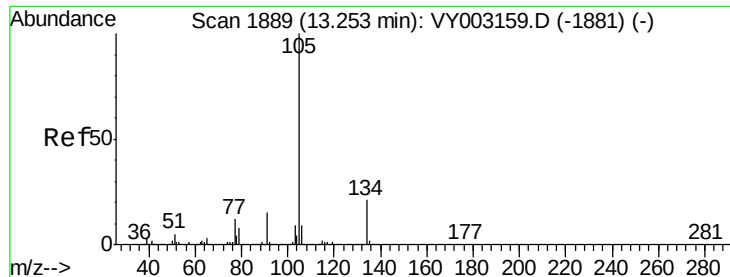
Tot Ion:119 Resp: 358510
Ion Ratio Lower Upper
119 100
91 61.5 30.8 92.4
134 26.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.323 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion:105 Resp: 408883
Ion Ratio Lower Upper
105 100
120 45.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.505 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

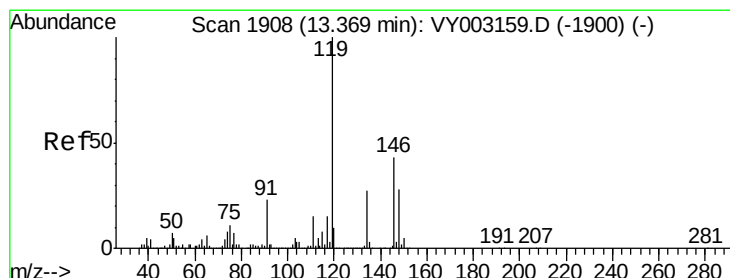
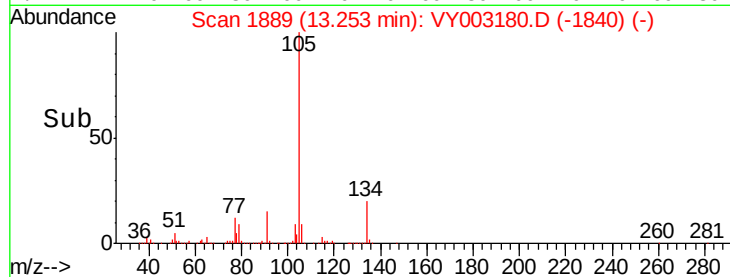
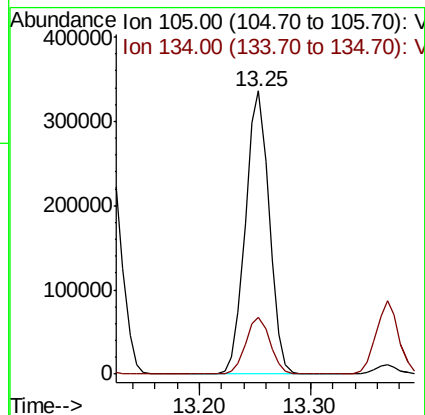
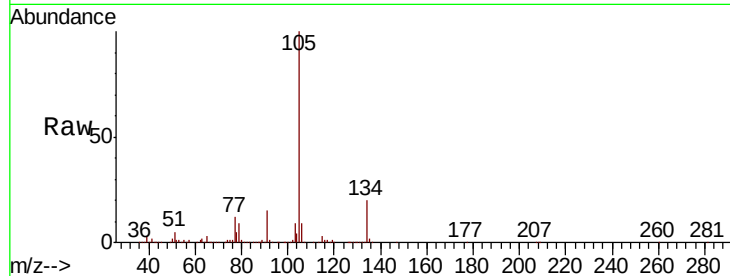
VY0713SBS01

Tot Ion:105 Resp: 497035

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.929 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

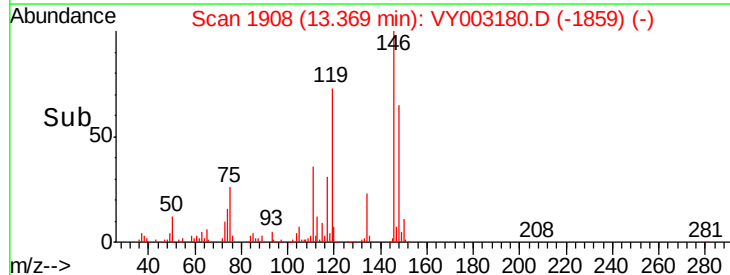
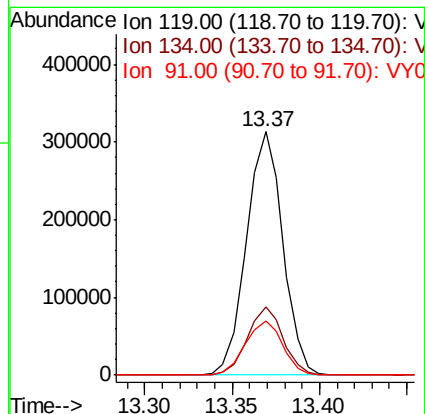
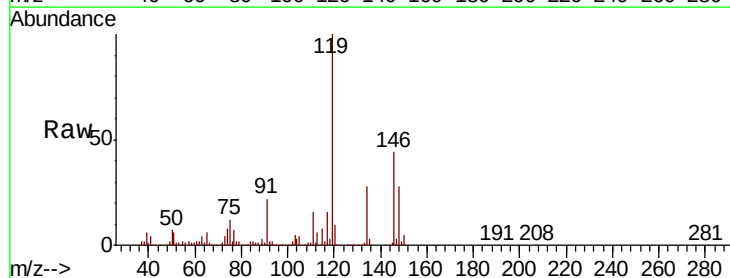
Tgt Ion:119 Resp: 451651

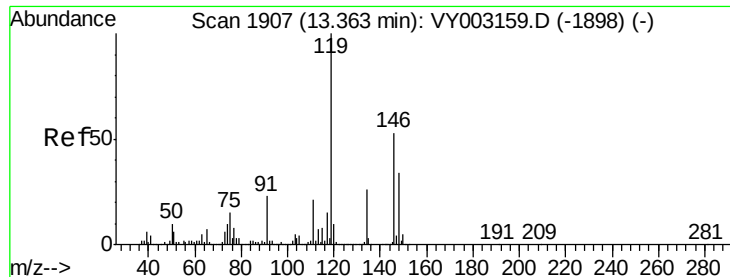
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 22.8 11.2 33.6

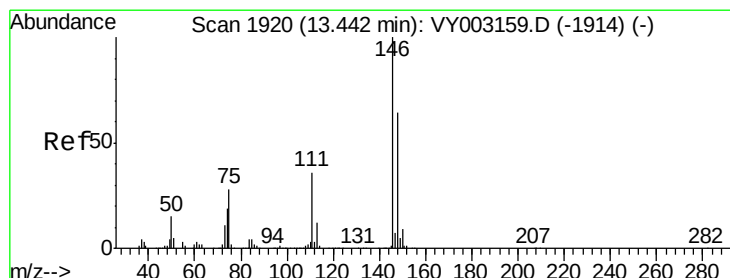
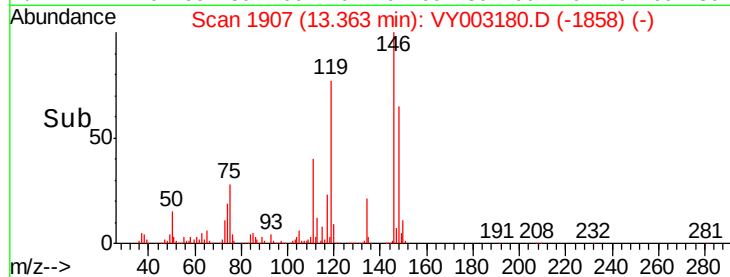
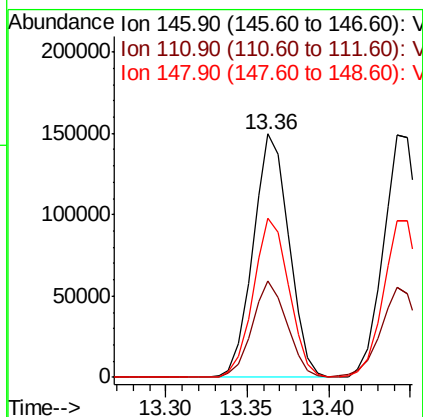
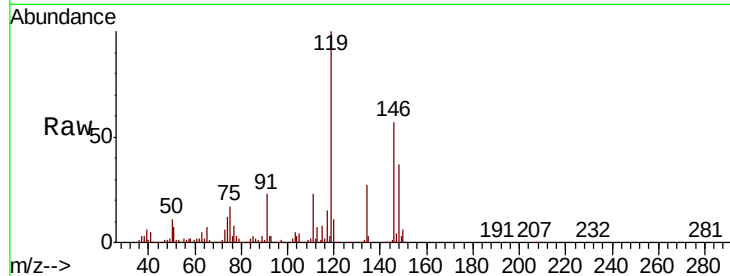




#87
 1,3-Dichlorobenzene
 Concen: 20.749 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

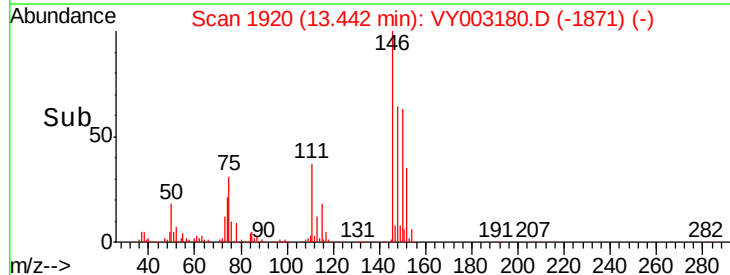
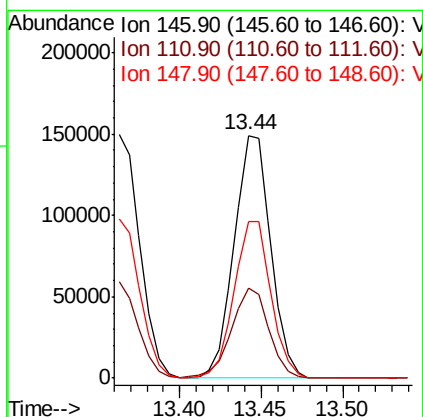
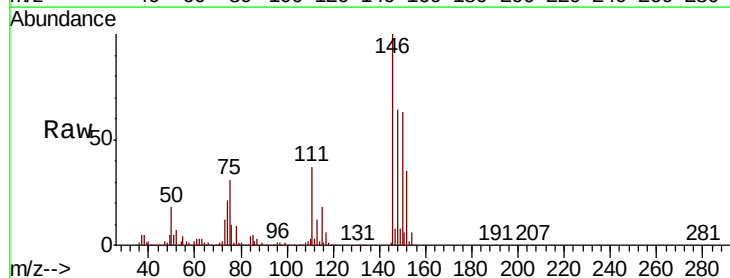
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

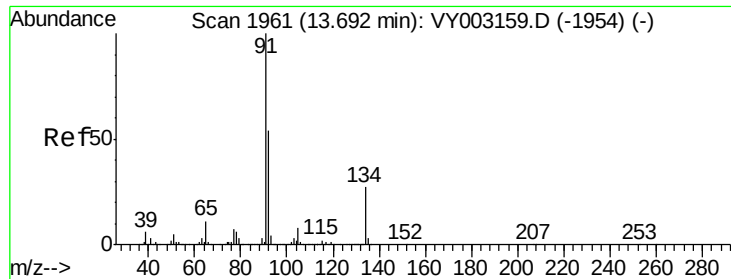
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	65.0	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 21.350 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.0
148	64.8	32.0	96.0

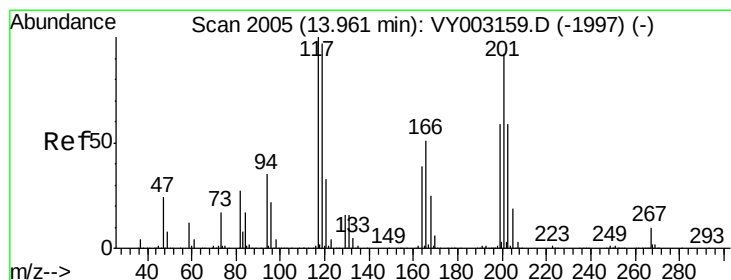
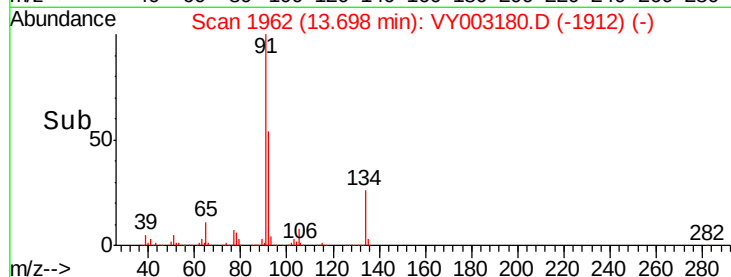
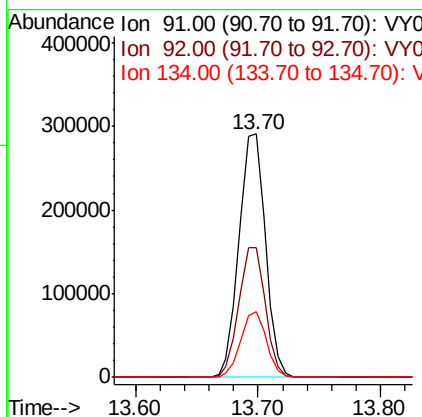
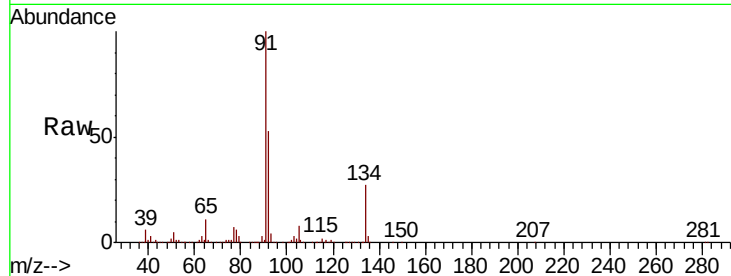




#89
n-Butylbenzene
Concen: 21.455 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

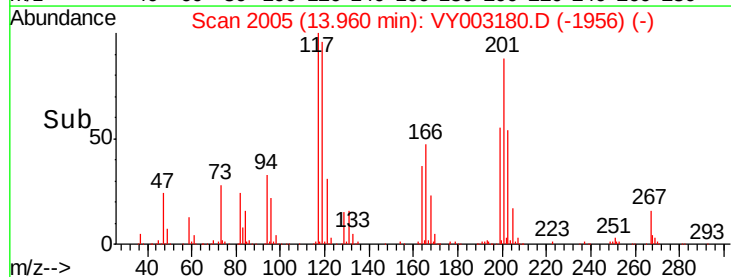
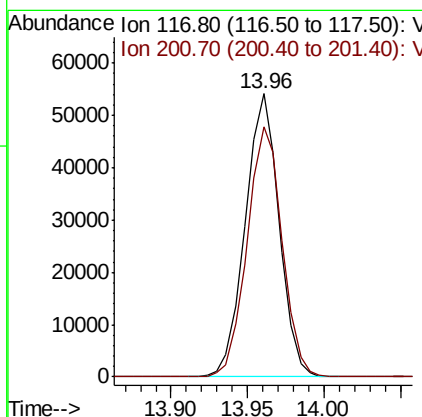
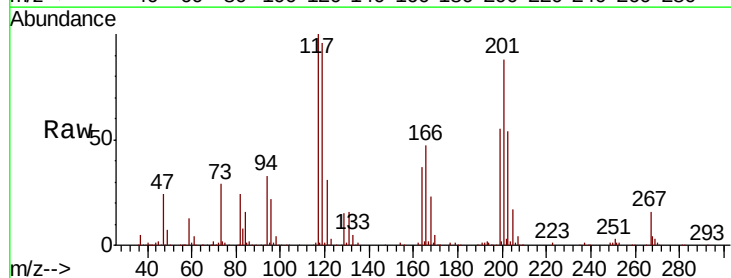
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

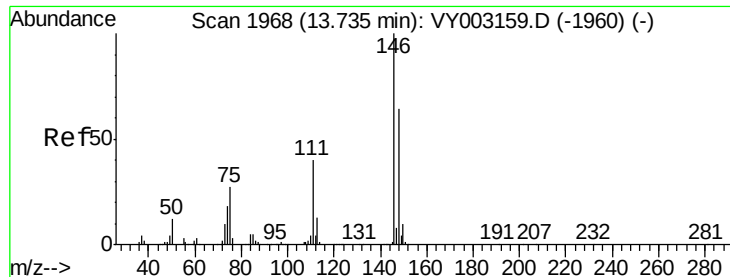
Tot Ion: 91 Resp: 435520
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.4 13.6 40.7



#90
Hexachloroethane
Concen: 21.207 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003180.D
Acq: 13 Jul 2020 12:25

Tgt Ion: 117 Resp: 83344
Ion Ratio Lower Upper
117 100
201 91.0 45.1 135.3

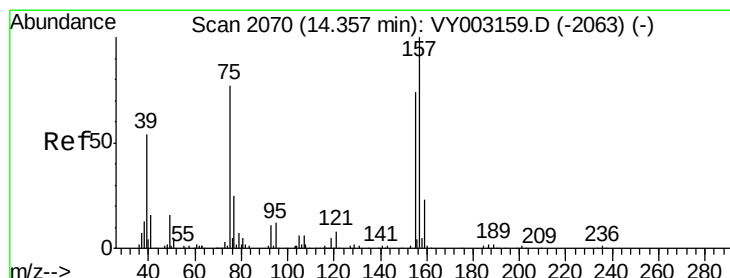
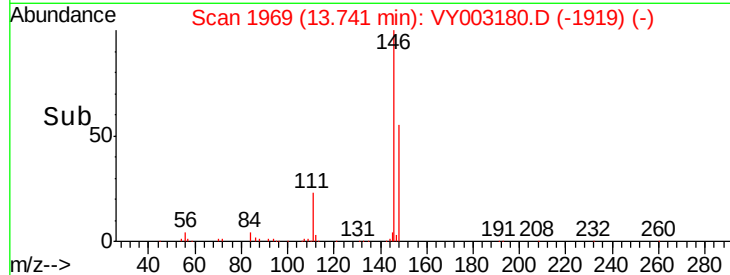
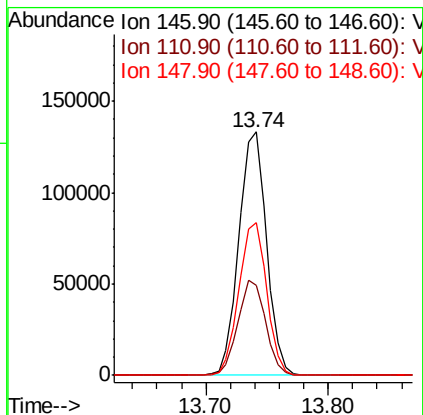
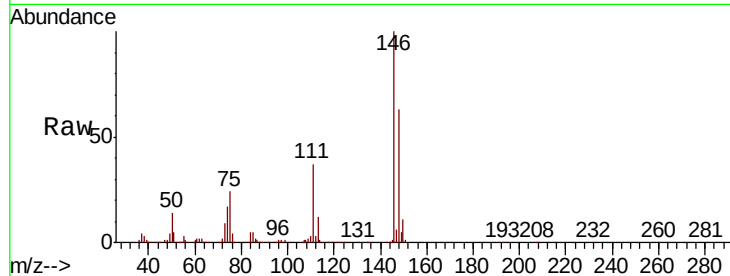




#91
 1,2-Dichlorobenzene
 Concen: 21.597 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

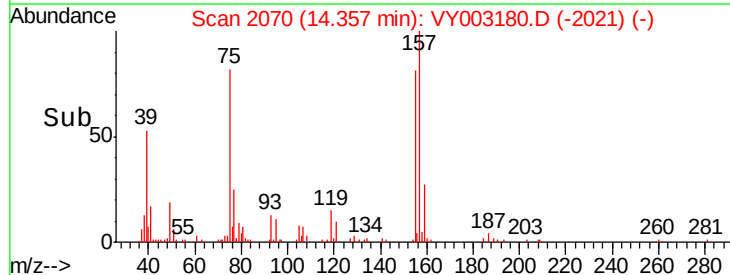
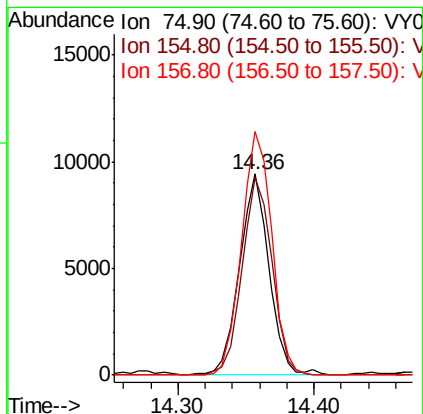
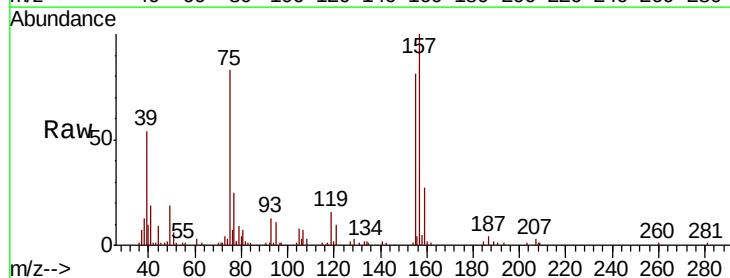
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

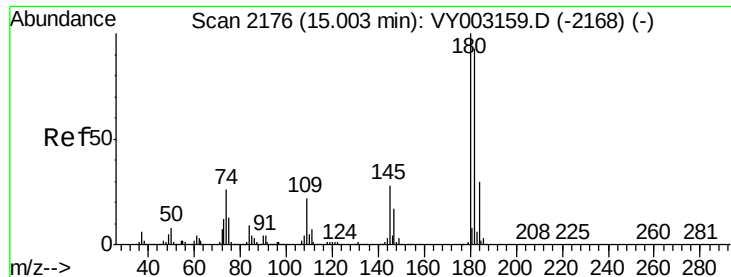
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	63.3	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.056 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	48.1	144.3
157	123.3	61.9	185.6

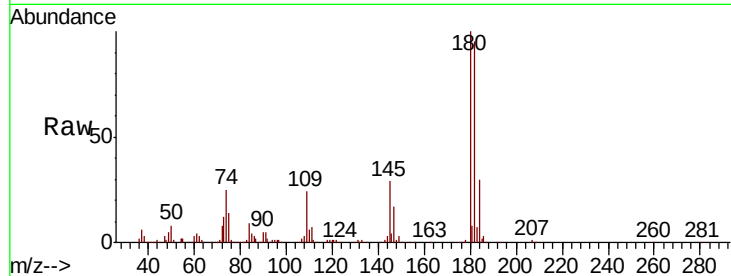




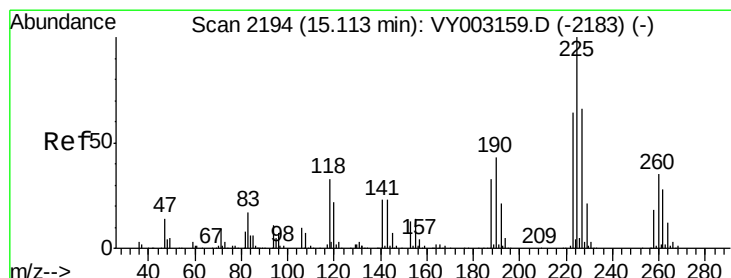
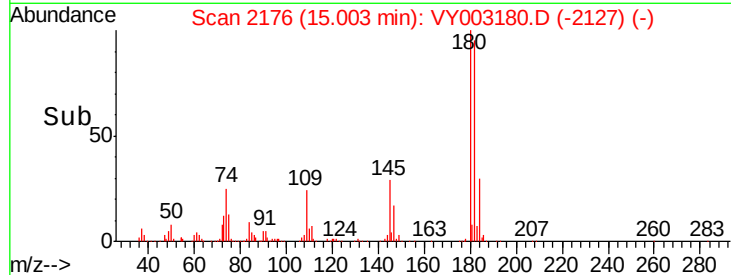
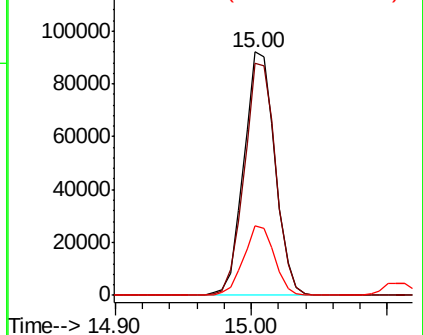
#93
 1,2,4-Trichlorobenzene
 Concen: 21.363 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tot Ion:180 Resp: 147008
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 142.0
 145 28.3 13.7 41.1

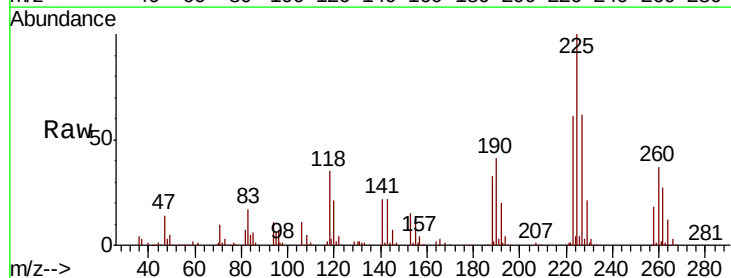


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

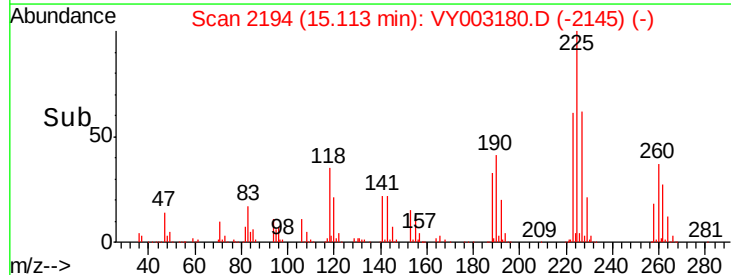
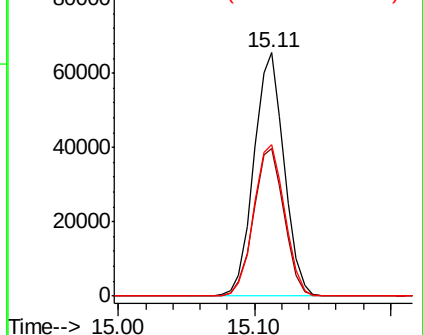


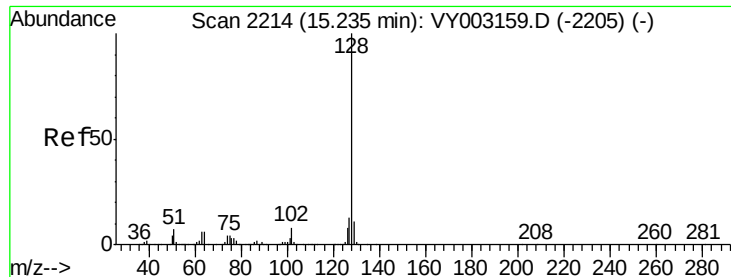
#94
 Hexachlorobutadiene
 Concen: 21.665 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003180.D
 Acq: 13 Jul 2020 12:25

Tgt Ion:225 Resp: 102156
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.7
 227 63.7 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.503 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

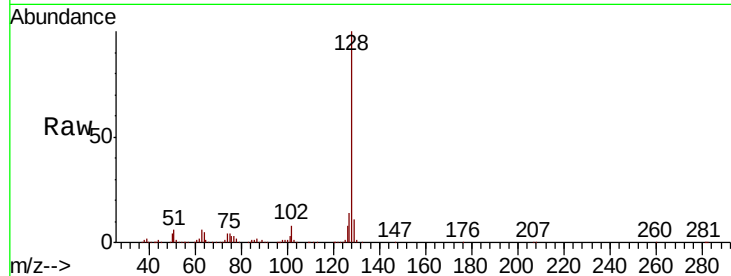
Tot Ion:128 Resp: 233174

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

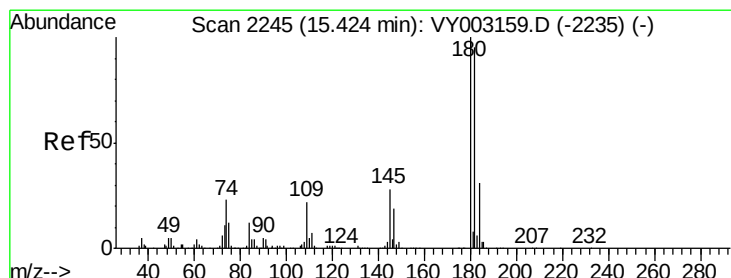
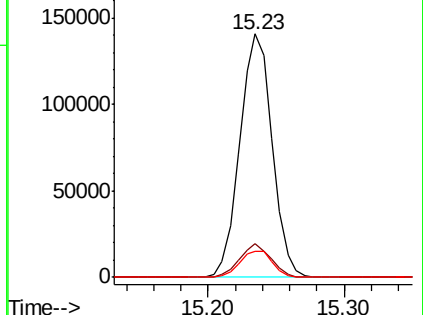
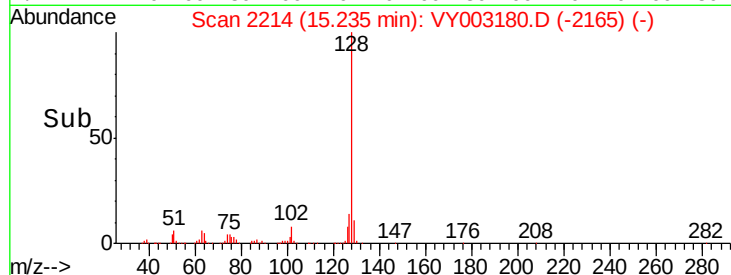
129 11.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.652 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003180.D

Acq: 13 Jul 2020 12:25

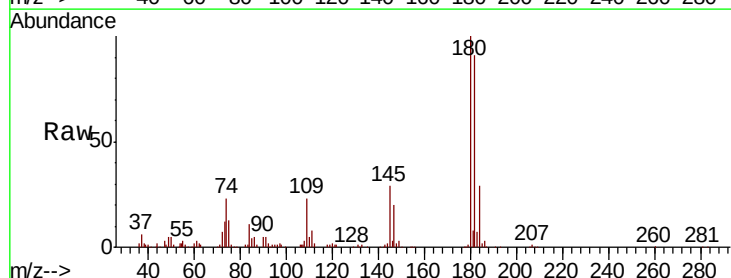
Tgt Ion:180 Resp: 112341

Ion Ratio Lower Upper

180 100

182 94.5 48.8 146.3

145 29.9 14.9 44.5



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

