

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003143.D
 Acq On : 09 Jul 2020 13:44
 Operator : SY/MD
 Sample : VY0709SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

Quant Time: Jul 10 03:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	440011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	625958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	569195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	307744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	200583	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	
35) Dibromofluoromethane	7.72	113	203578	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	10.18	98	748595	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.48	95	269862	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	60334	18.106	ug/l	92
3) Chloromethane	2.11	50	87882	18.009	ug/l	97
4) Vinyl Chloride	2.26	62	91376	19.197	ug/l	99
5) Bromomethane	2.65	94	73260	22.668	ug/l	99
6) Chloroethane	2.80	64	61153	20.196	ug/l	99
7) Trichlorofluoromethane	3.13	101	141093	21.001	ug/l	99
8) Diethyl Ether	3.53	74	46287	20.097	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	85005	21.191	ug/l	97
10) Methyl Iodide	4.10	142	91233	18.341	ug/l	98
11) Tert butyl alcohol	4.96	59	42525	95.482	ug/l	100
12) 1,1-Dichloroethene	3.88	96	79338	20.787	ug/l	88
13) Acrolein	3.74	56	27047	67.616	ug/l	96
14) Allyl chloride	4.49	41	117864	17.687	ug/l	96
15) Acrylonitrile	5.18	53	107479	90.547	ug/l	99
16) Acetone	3.96	43	85806	83.250	ug/l	97
17) Carbon Disulfide	4.20	76	230424	18.895	ug/l	98
18) Methyl Acetate	4.49	43	50066	18.030	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	222848	20.030	ug/l	99
20) Methylene Chloride	4.72	84	105073	18.446	ug/l	89
21) trans-1,2-Dichloroethene	5.22	96	91408	21.172	ug/l	98
22) Diisopropyl ether	6.13	45	264010	18.484	ug/l	96
23) Vinyl Acetate	6.07	43	837327	87.687	ug/l	95
24) 1,1-Dichloroethane	6.02	63	153566	19.683	ug/l	94
25) 2-Butanone	6.99	43	138431	84.550	ug/l	96
26) 2,2-Dichloropropane	6.99	77	142926	20.163	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	99886	20.627	ug/l	94
28) Bromochloromethane	7.35	49	60965	17.562	ug/l	88
29) Tetrahydrofuran	7.35	42	94094	86.421	ug/l	92
30) Chloroform	7.52	83	161523	20.897	ug/l	98
31) Cyclohexane	7.78	56	146642	19.079	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	145598	20.636	ug/l	99
36) 1,1-Dichloropropene	7.92	75	126329	20.952	ug/l	98
37) Ethyl Acetate	7.08	43	65489	18.065	ug/l	95
38) Carbon Tetrachloride	7.91	117	133624	21.300	ug/l	99

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	155025	20.737	ug/l	95
40) Benzene	8.17	78	346965	21.019	ug/l	99
41) Methacrylonitrile	7.35	41	89982	46.465	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	106557	20.405	ug/l	98
43) Isopropyl Acetate	8.28	43	126268	18.321	ug/l	95
44) Trichloroethene	8.94	130	106567	22.211	ug/l	99
45) 1,2-Dichloropropane	9.22	63	89767	20.213	ug/l	100
46) Dibromomethane	9.31	93	51814	20.890	ug/l	96
47) Bromodichloromethane	9.50	83	125837	20.719	ug/l	99
48) Methyl methacrylate	9.30	41	56827	18.115	ug/l	93
49) 1,4-Dioxane	9.30	88	12828	423.674	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	331694	93.119	ug/l	97
52) Toluene	10.24	92	224600	21.614	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	127868	20.081	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	147535	20.259	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	73900	21.441	ug/l	97
56) Ethyl methacrylate	10.51	69	98005	19.643	ug/l	94
57) 1,3-Dichloropropane	10.79	76	126349	20.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	223887	87.494	ug/l	97
59) 2-Hexanone	10.83	43	227288	91.289	ug/l	97
60) Dibromochloromethane	10.99	129	92766	21.031	ug/l	99
61) 1,2-Dibromoethane	11.09	107	71484	21.037	ug/l	99
64) Tetrachloroethene	10.72	164	119311	24.767	ug/l	99
65) Chlorobenzene	11.52	112	248661	22.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	94433	21.551	ug/l	100
67) Ethyl Benzene	11.59	91	445982	21.721	ug/l	99
68) m/p-Xylenes	11.70	106	339346	44.406	ug/l	97
69) o-Xylene	12.03	106	157829	21.917	ug/l	95
70) Styrene	12.05	104	267671	21.758	ug/l	98
71) Bromoform	12.21	173	62717	21.465	ug/l #	98
73) Isopropylbenzene	12.33	105	437940	21.744	ug/l	99
74) N-amyl acetate	12.14	43	118959	18.143	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	80076	19.702	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	113903	37.398	ug/l #	100
77) Bromobenzene	12.61	156	111654	21.622	ug/l	95
78) n-propylbenzene	12.67	91	524150	21.640	ug/l	99
79) 2-Chlorotoluene	12.76	91	284552	21.047	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	367077	21.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28872	18.443	ug/l	99
82) 4-Chlorotoluene	12.86	91	303119	21.534	ug/l	97
83) tert-Butylbenzene	13.08	119	319160	21.506	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	366873	21.543	ug/l	99
85) sec-Butylbenzene	13.25	105	451251	22.061	ug/l	100
86) p-Isopropyltoluene	13.37	119	416288	21.963	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	213006	22.094	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	209369	22.023	ug/l	99
89) n-Butylbenzene	13.70	91	398481	21.973	ug/l	99
90) Hexachloroethane	13.96	117	76340	20.283	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	187977	21.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13433	18.670	ug/l	91

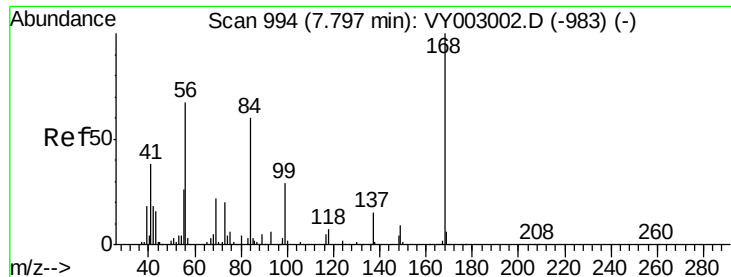
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003143.D
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	141377	21.995	ug/l	98
94) Hexachlorobutadiene	15.11	225	95492	23.553	ug/l	96
95) Naphthalene	15.24	128	237133	20.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	117077	20.977	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: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

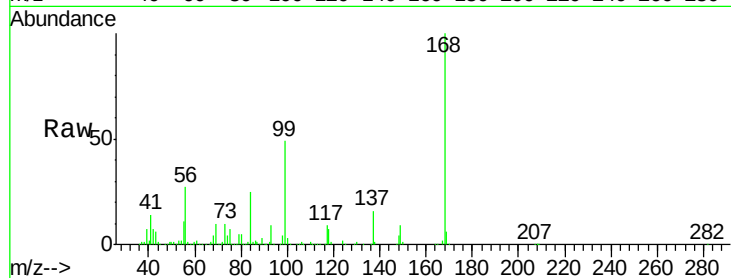
VY0709SBS01

Tot Ion:168 Resp: 440011

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003143.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003143.D (-945) (-)

7.80

200000

150000

100000

50000

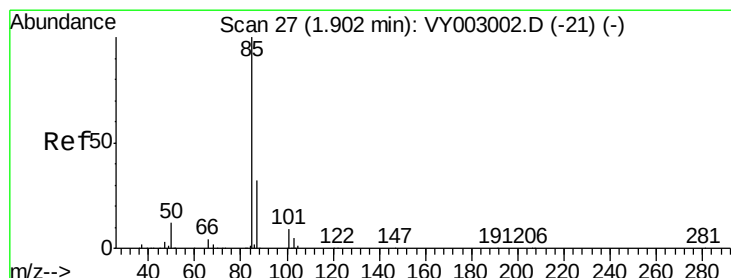
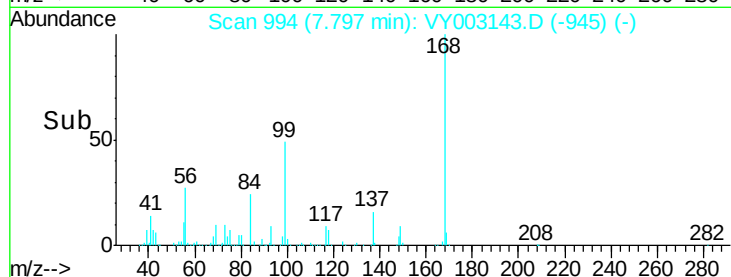
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.106 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003143.D

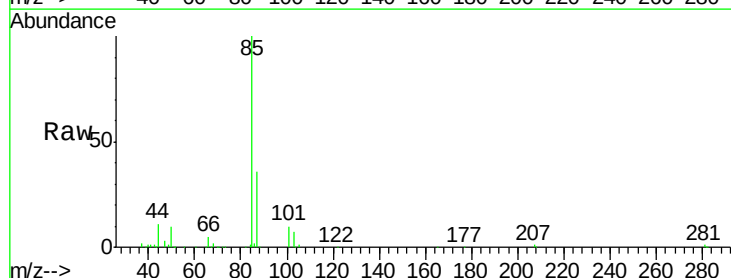
Acq: 09 Jul 2020 13:44

Tgt Ion: 85 Resp: 60334

Ion Ratio Lower Upper

85 100

87 35.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003143.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003143.D (-1) (-)

1.91

40000

30000

20000

10000

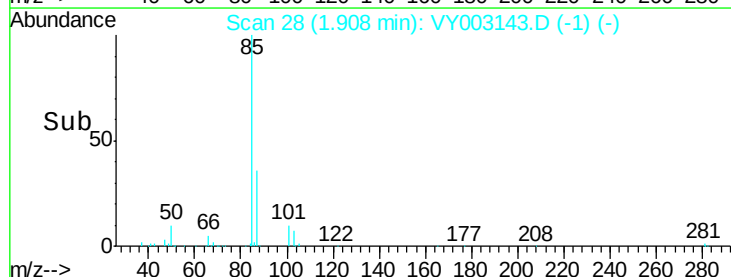
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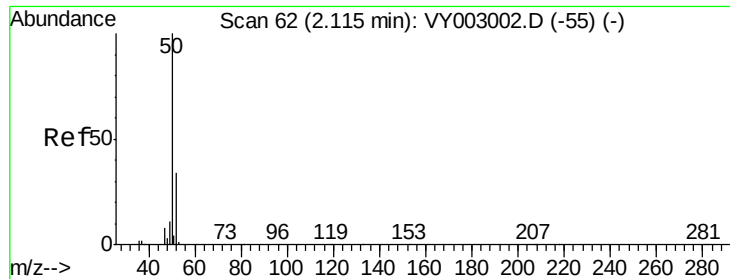
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 18.009 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

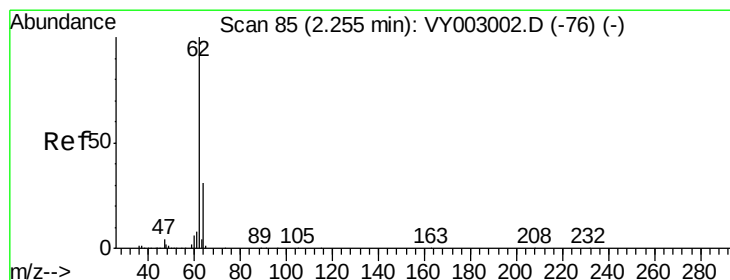
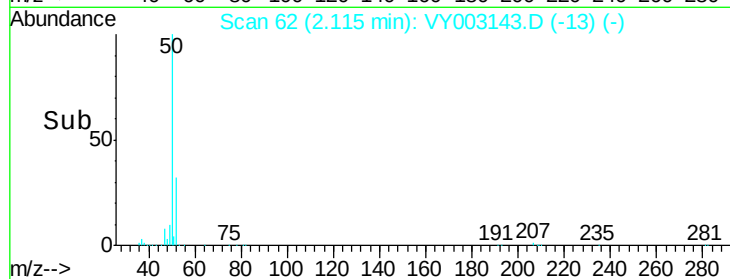
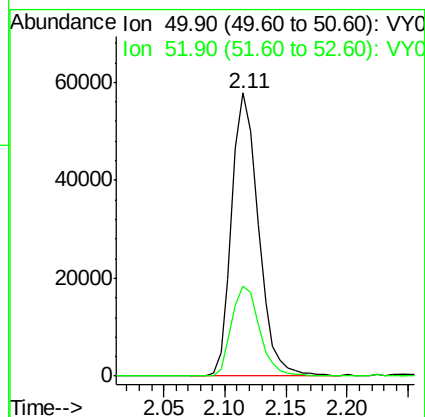
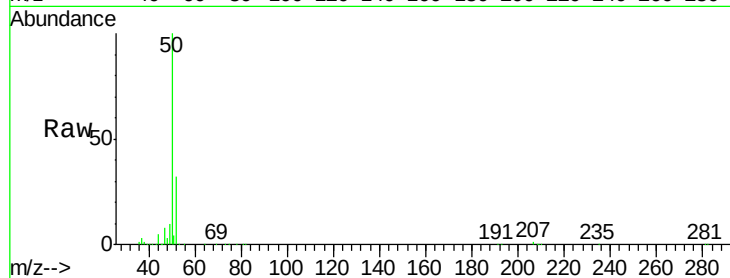
VY0709SBS01

Tot Ion: 50 Resp: 87882

Ion Ratio Lower Upper

50 100

52 31.8 26.9 40.3



#4

Vinyl Chloride

Concen: 19.197 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003143.D

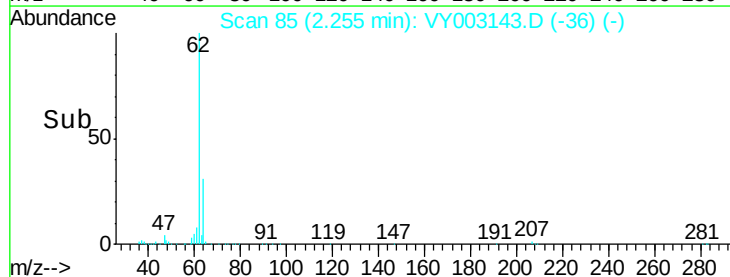
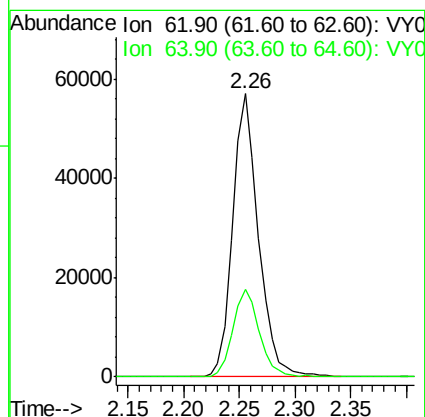
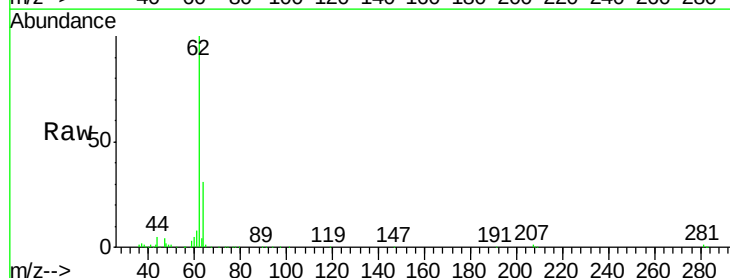
Acq: 09 Jul 2020 13:44

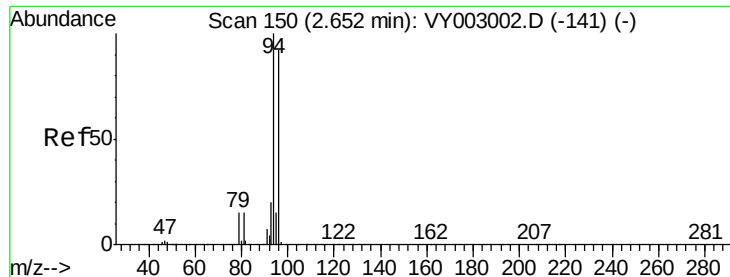
Tgt Ion: 62 Resp: 91376

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6





#5

Bromomethane

Concen: 22.668 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

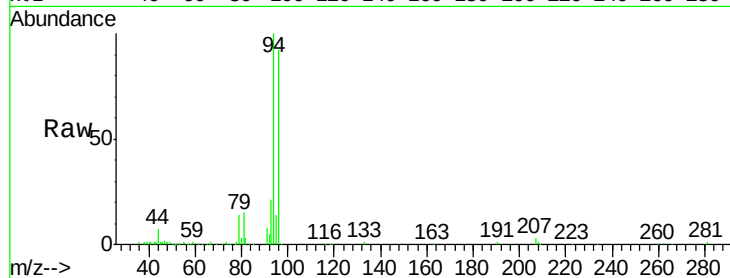
VY0709SBS01

Tot Ion: 94 Resp: 73260

Ion Ratio Lower Upper

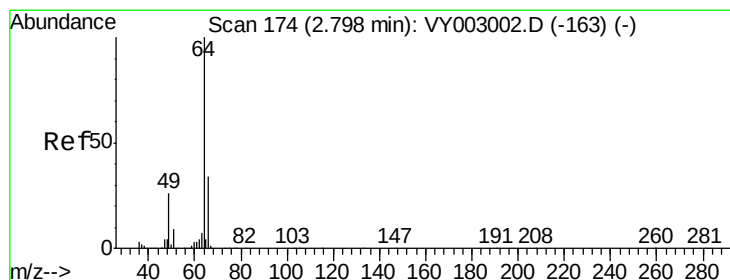
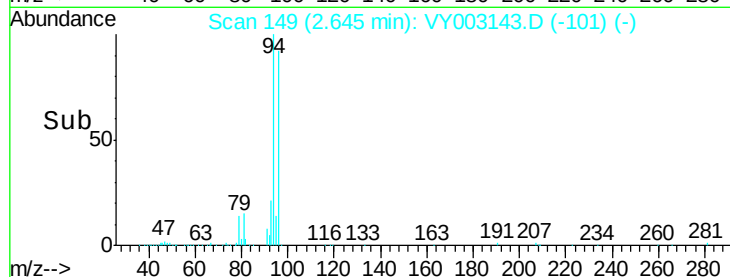
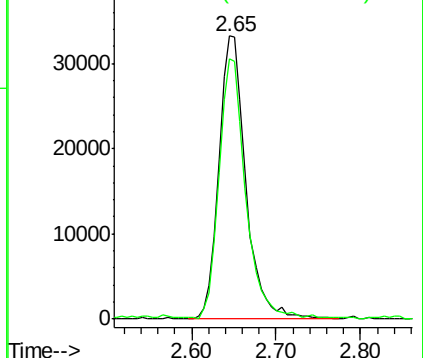
94 100

96 91.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.196 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003143.D

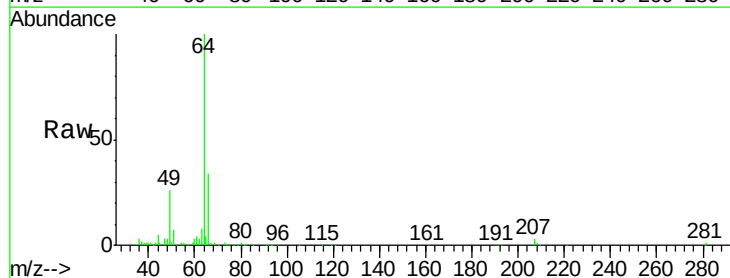
Acq: 09 Jul 2020 13:44

Tgt Ion: 64 Resp: 61153

Ion Ratio Lower Upper

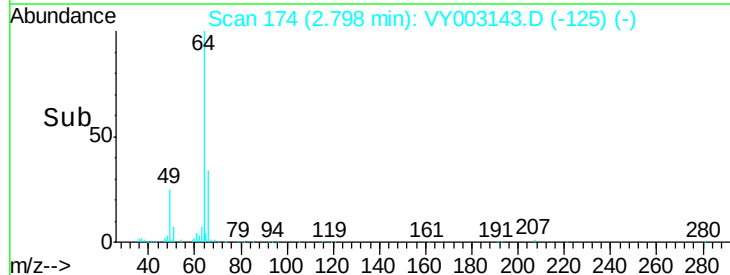
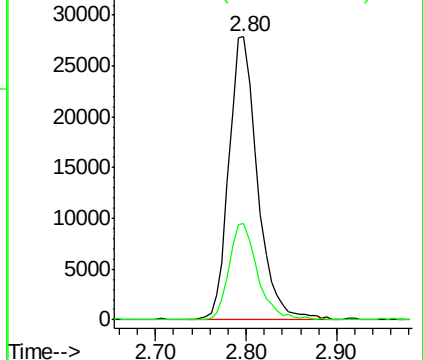
64 100

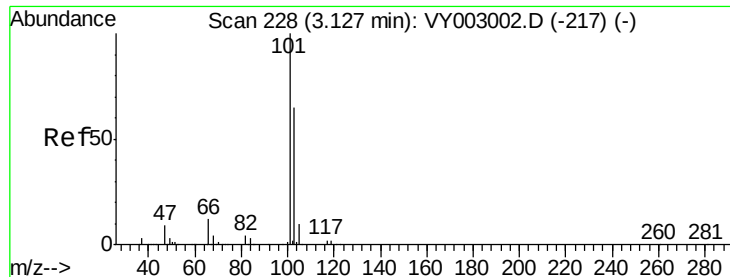
66 34.1 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



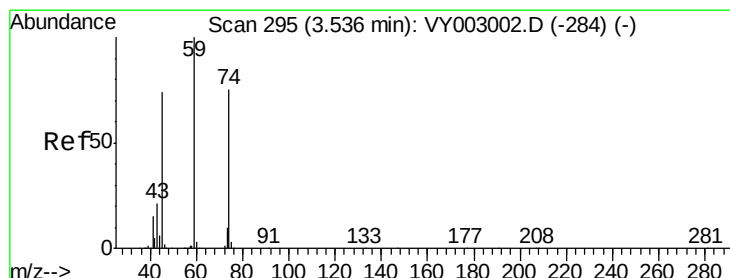
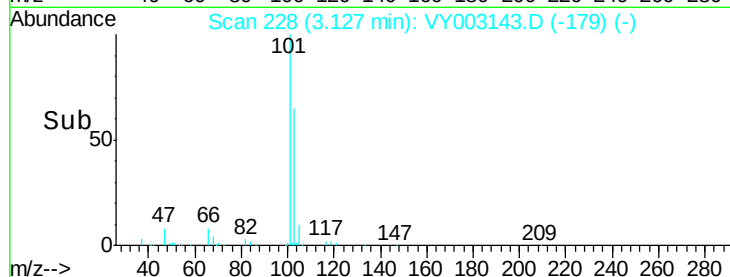
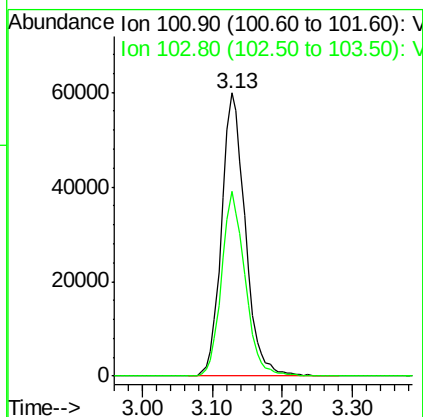
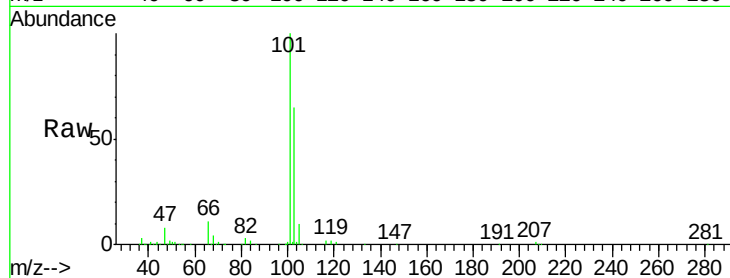


#7

Trichlorofluoromethane
 Concen: 21.001 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

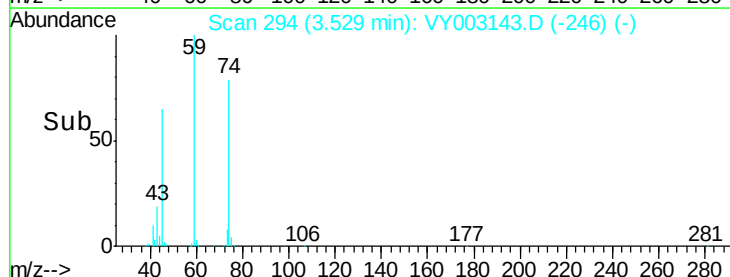
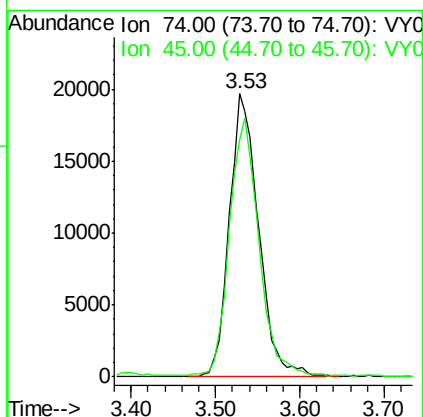
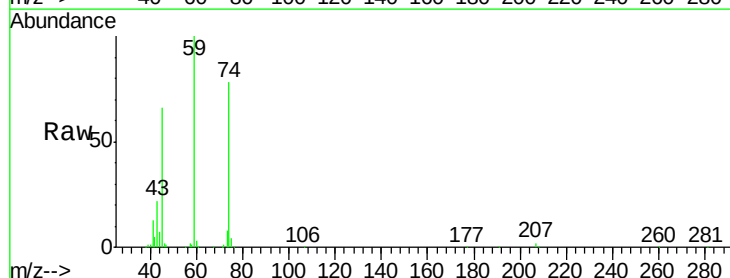
Tot Ion:101 Resp: 141093
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.6 77.4

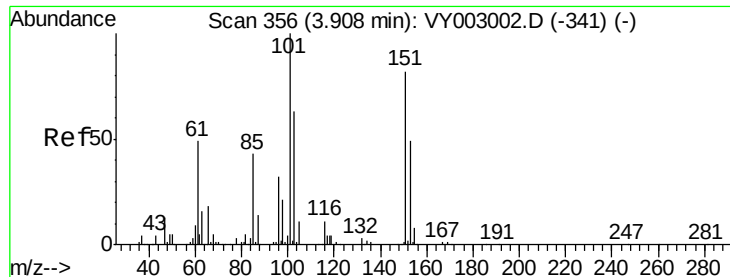


#8

Diethyl Ether
 Concen: 20.097 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion: 74 Resp: 46287
 Ion Ratio Lower Upper
 74 100
 45 91.9 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.191 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

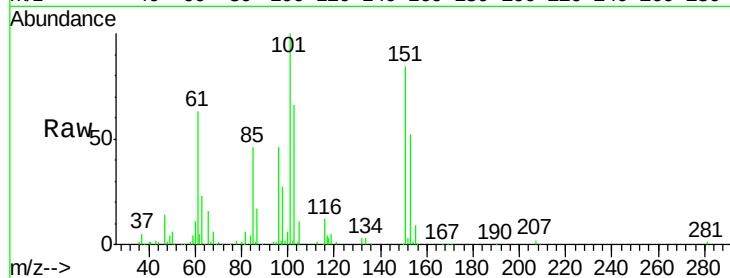
Tot Ion:101 Resp: 85005

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

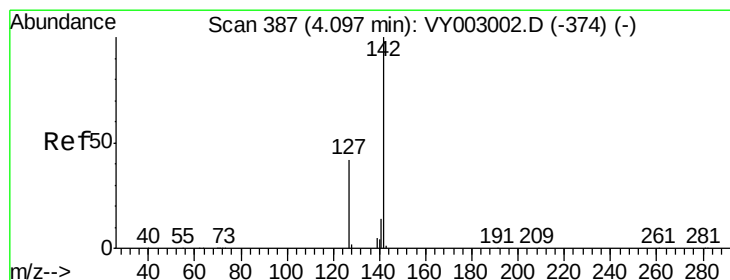
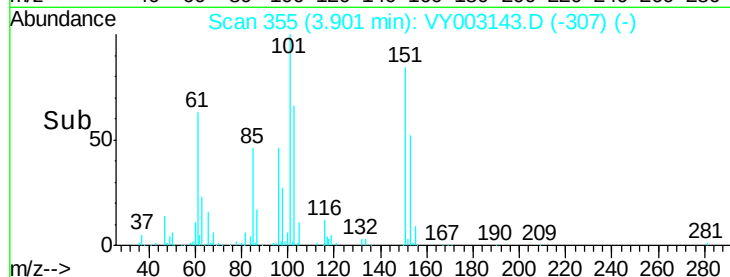
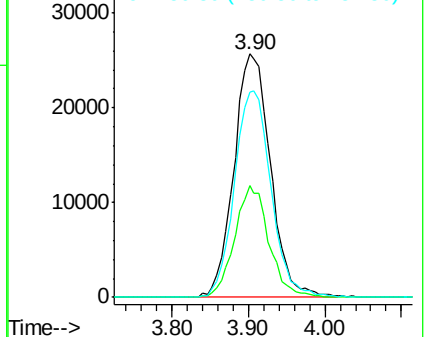
151 85.3 65.5 98.3



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: 18.341 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

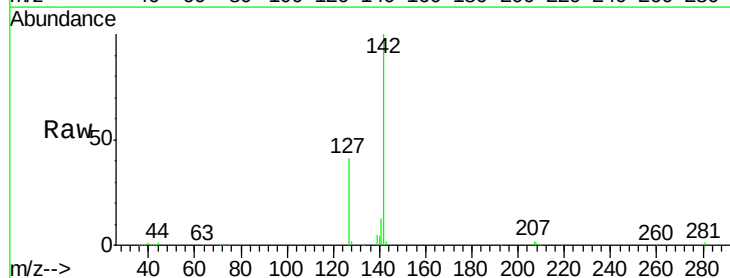
Tgt Ion:142 Resp: 91233

Ion Ratio Lower Upper

142 100

127 41.4 34.2 51.2

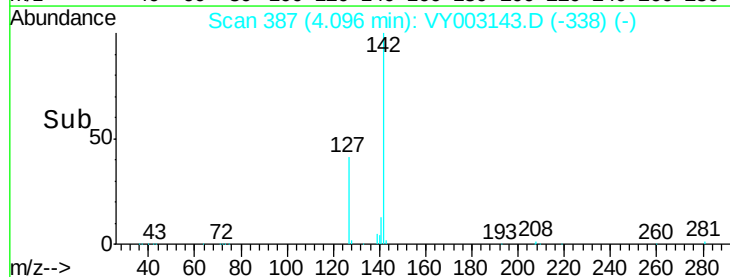
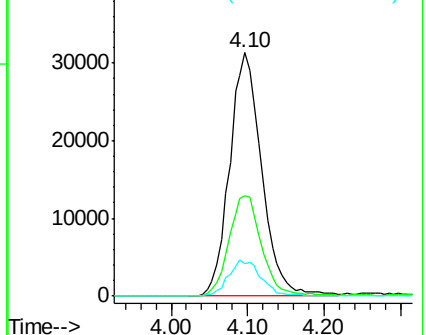
141 14.6 11.7 17.5

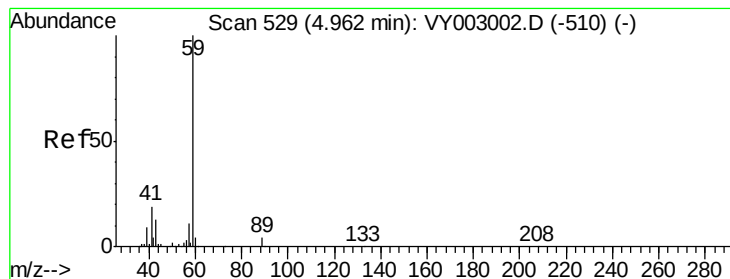


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



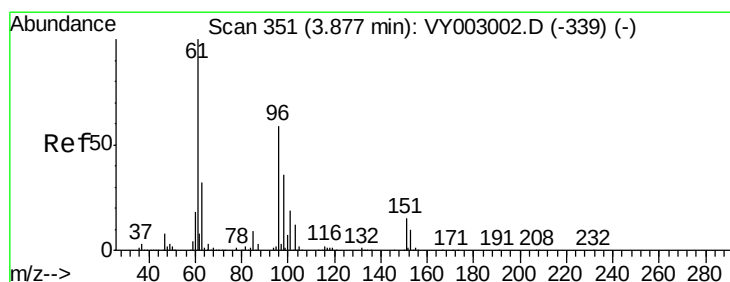
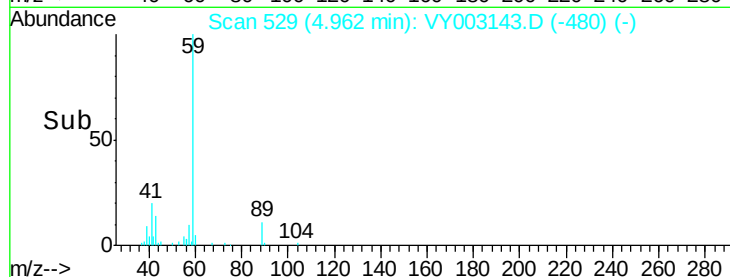
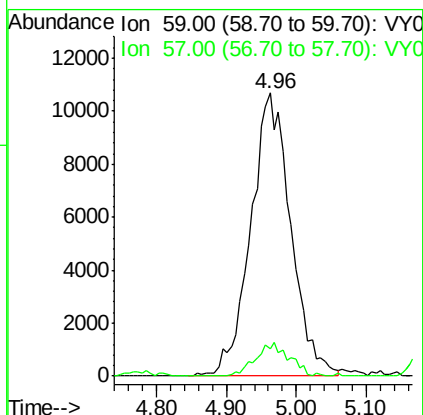
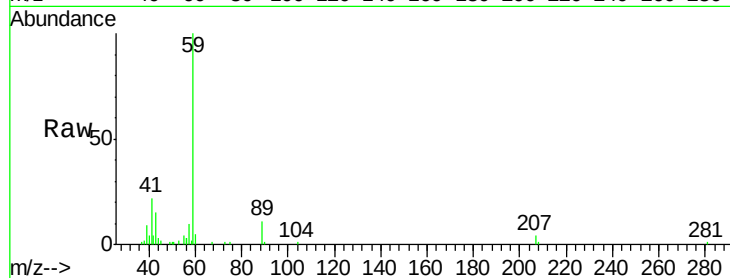


#11

Tert butyl alcohol
 Concen: 95.482 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

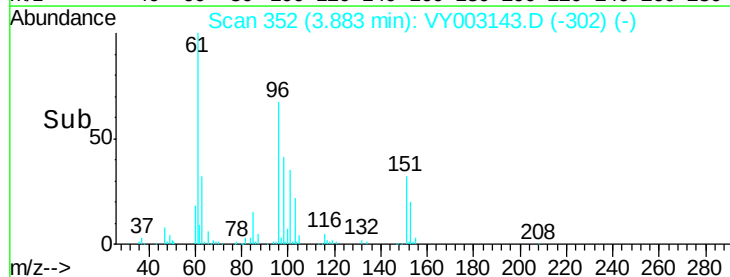
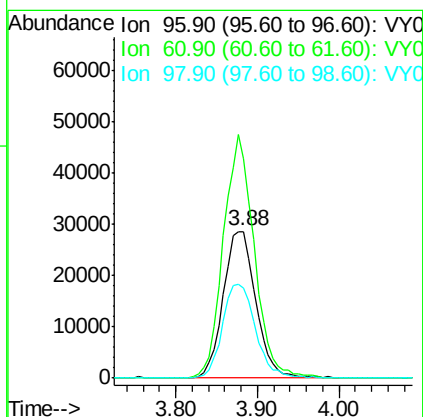
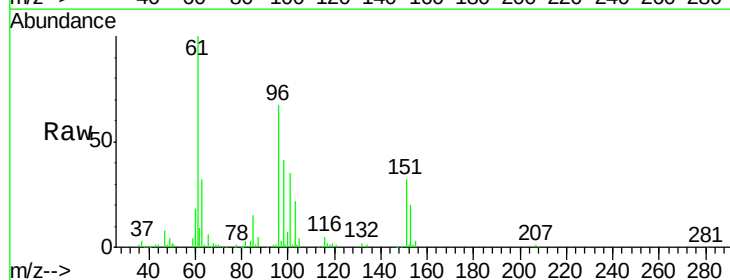
Tot Ion: 59 Resp: 42525
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.0 12.0

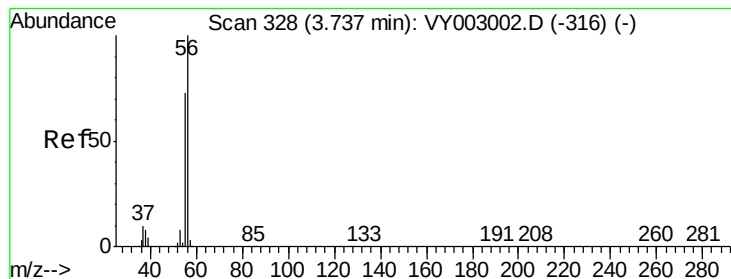


#12

1,1-Dichloroethene
 Concen: 20.787 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion: 96 Resp: 79338
 Ion Ratio Lower Upper
 96 100
 61 149.7 136.7 205.1
 98 61.4 49.7 74.5





#13

Acrolein

Concen: 67.616 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

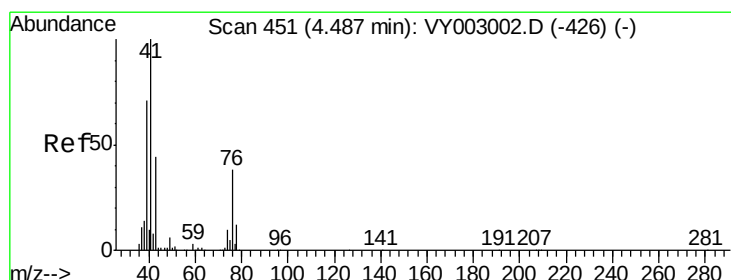
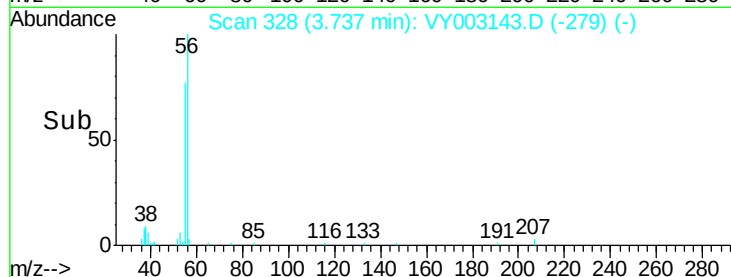
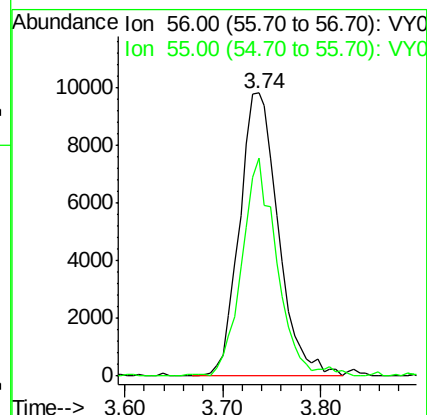
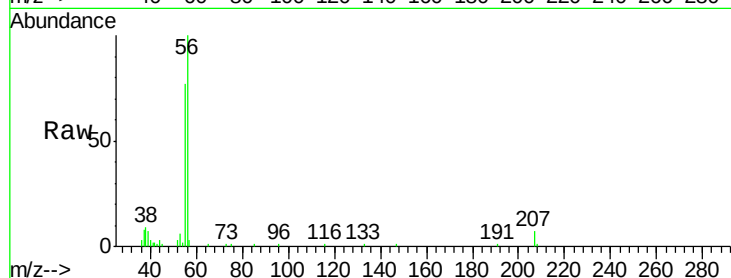
VY0709SBS01

Tot Ion: 56 Resp: 27047

Ion Ratio Lower Upper

56 100

55 67.6 56.4 84.6



#14

Allyl chloride

Concen: 17.687 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

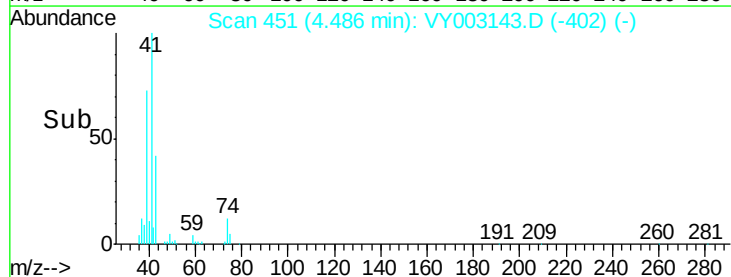
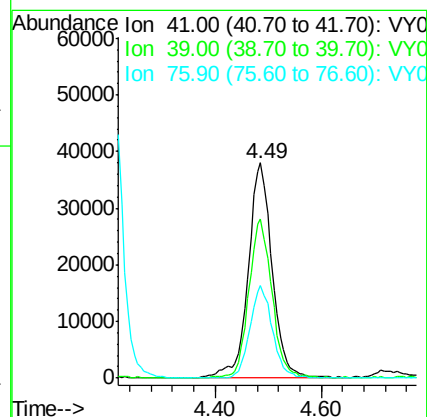
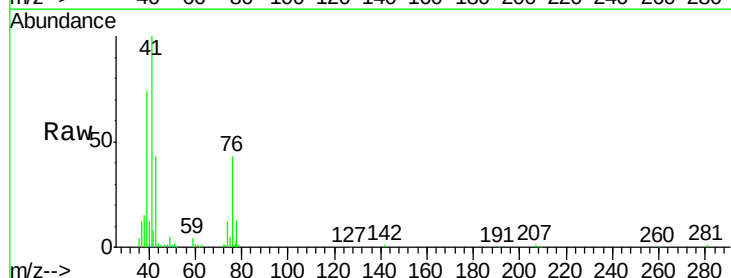
Tgt Ion: 41 Resp: 117864

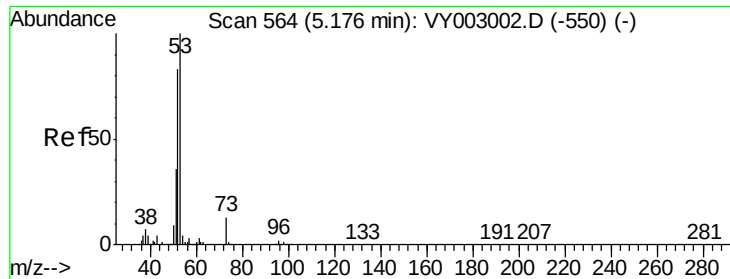
Ion Ratio Lower Upper

41 100

39 71.5 55.6 83.4

76 40.2 28.6 43.0

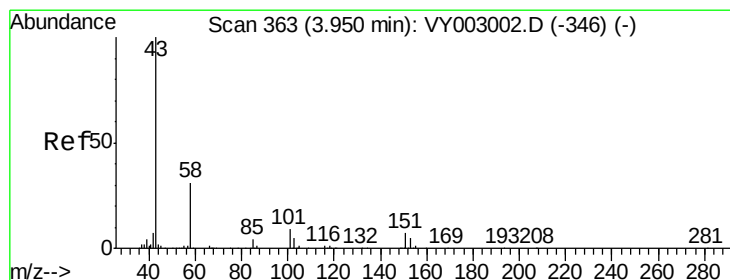
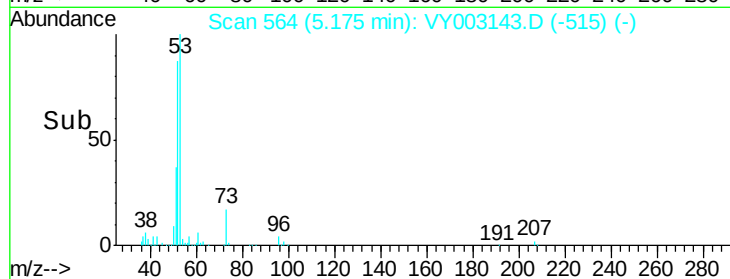
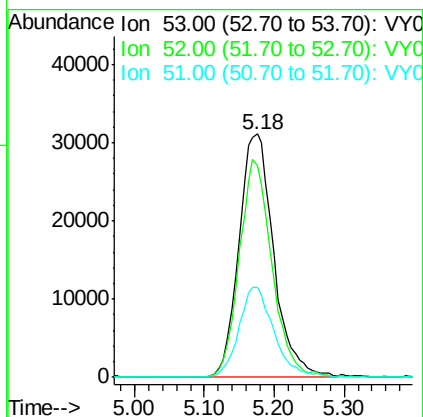
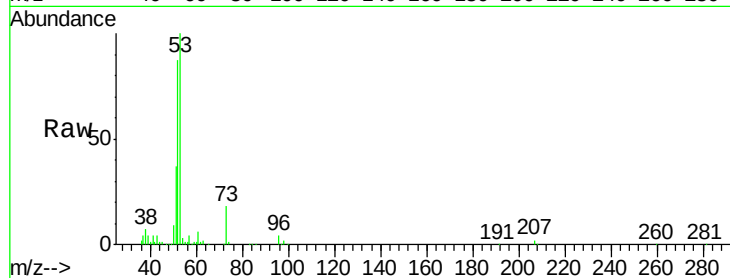




#15
 Acrylonitrile
 Concen: 90.547 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

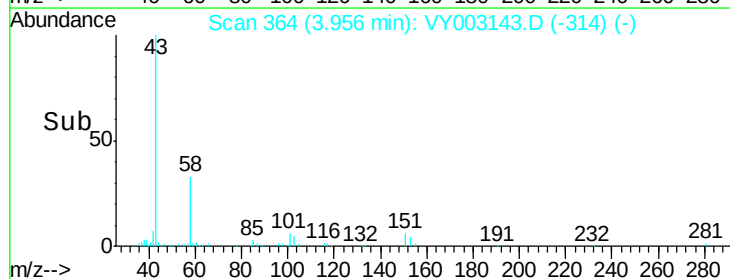
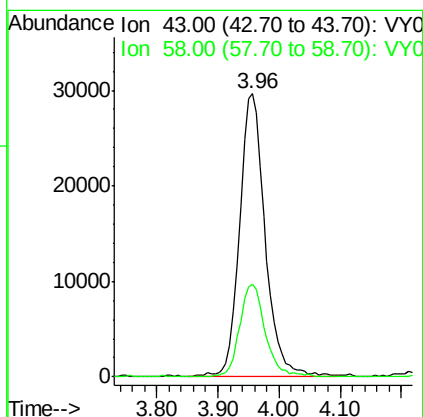
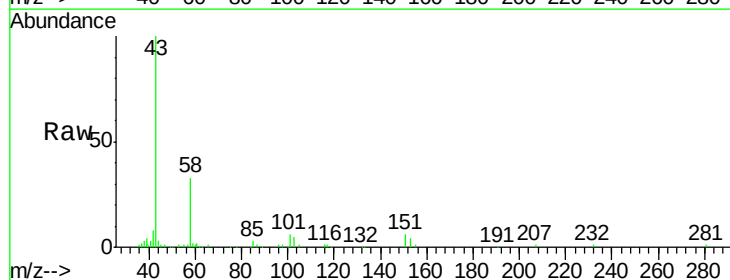
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

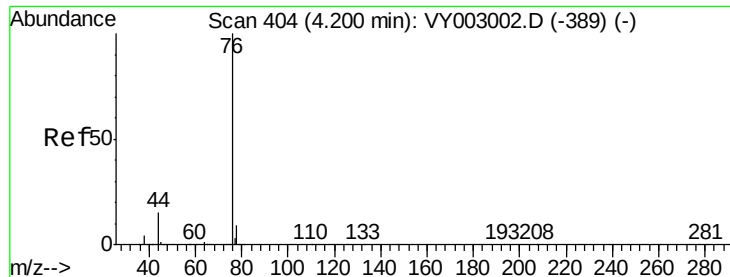
Tot Ion:	53	Resp:	107479
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	37.4	29.5	44.3



#16
 Acetone
 Concen: 83.250 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion:	43	Resp:	85806
Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.7	37.1





#17

Carbon Disulfide

Concen: 18.895 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

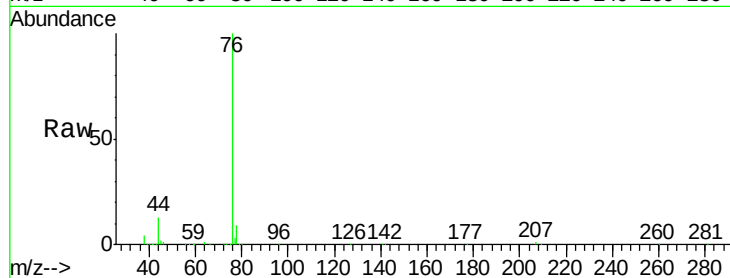
VY0709SBS01

Tot Ion: 76 Resp: 230424

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

80000

60000

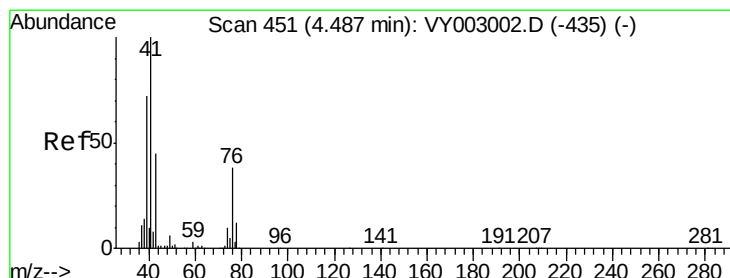
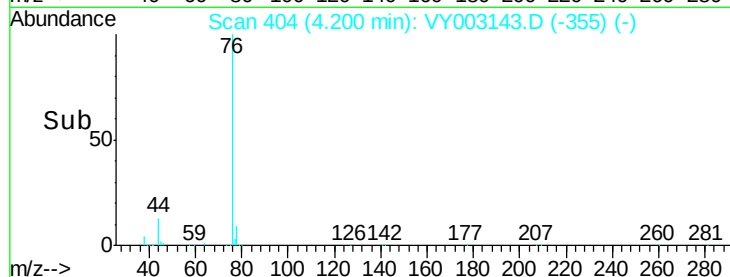
40000

20000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 18.030 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003143.D

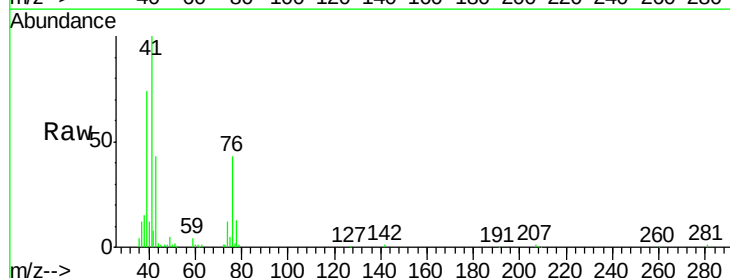
Acq: 09 Jul 2020 13:44

Tgt Ion: 43 Resp: 50066

Ion Ratio Lower Upper

43 100

74 26.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

15000

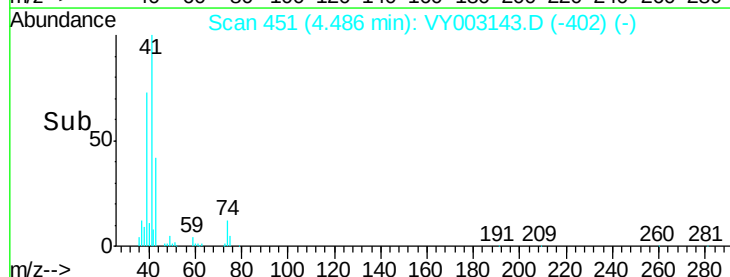
10000

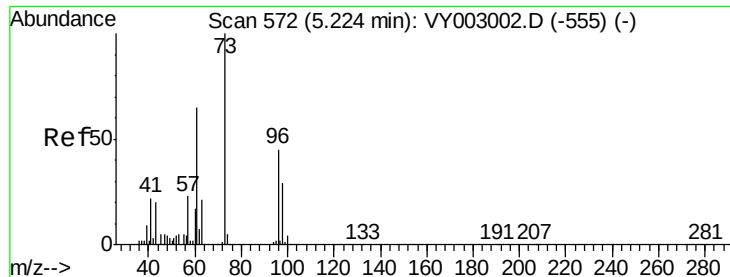
5000

0

Time-->

4.30 4.40 4.50 4.60 4.70



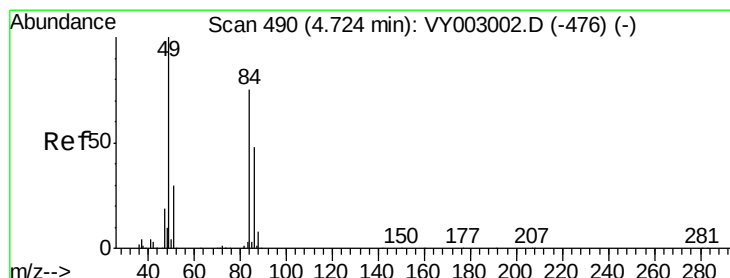
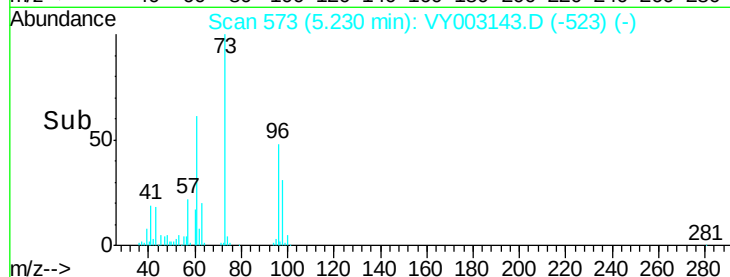
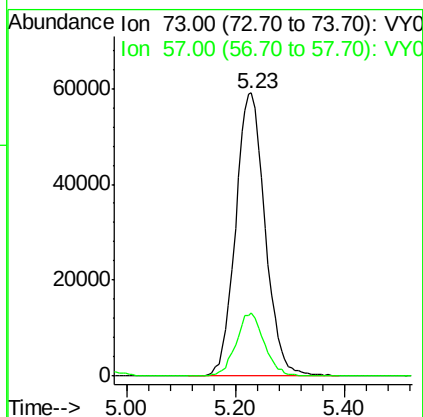
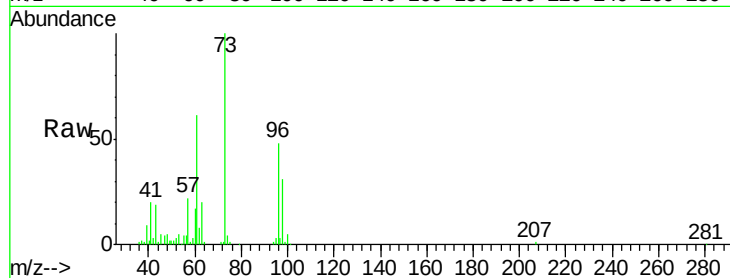


#19

Methyl tert-butyl Ether
 Concen: 20.030 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

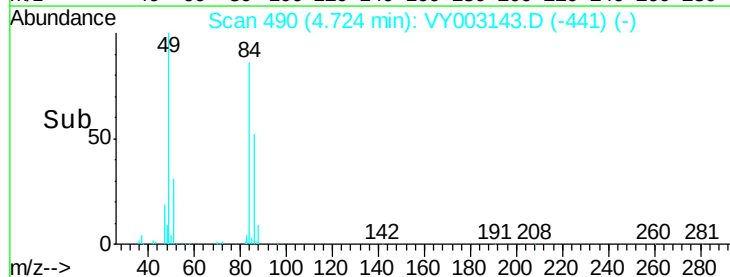
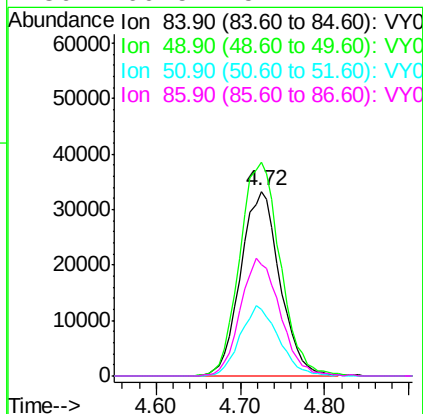
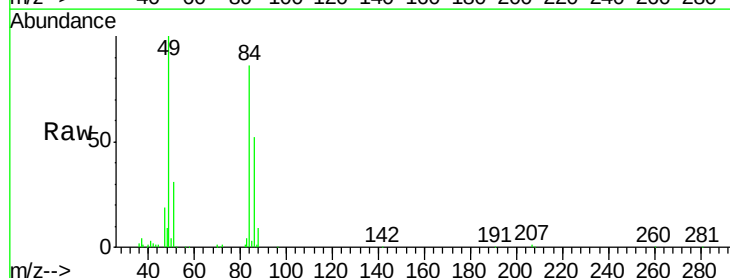
Tot Ion: 73 Resp: 222848
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.2

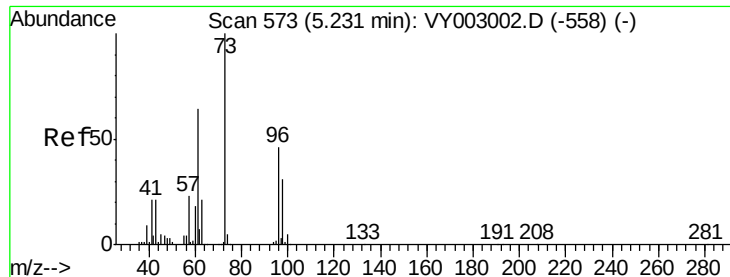


#20

Methylene Chloride
 Concen: 18.446 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion: 84 Resp: 105073
 Ion Ratio Lower Upper
 84 100
 49 115.8 106.8 160.2
 51 36.3 32.0 48.0
 86 60.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.172 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

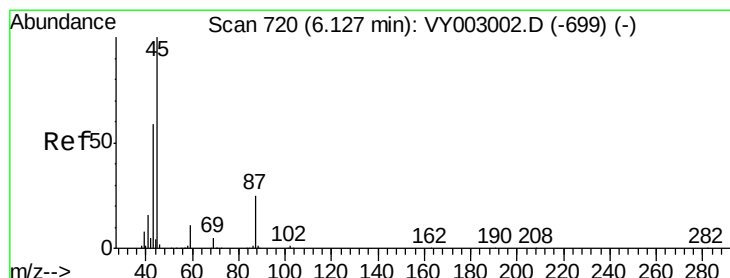
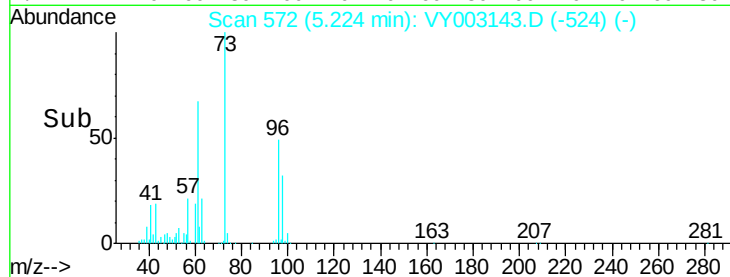
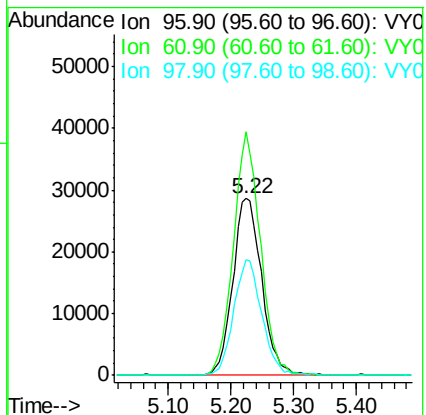
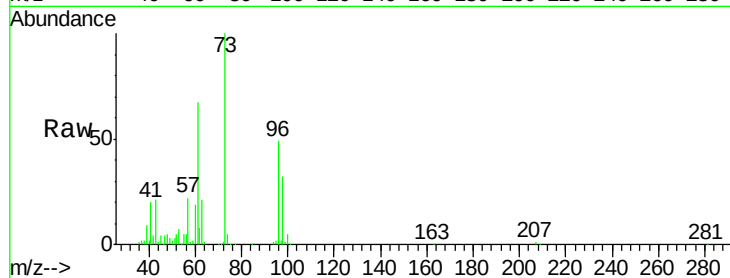
Tot Ion: 96 Resp: 91408

Ion Ratio Lower Upper

96 100

61 137.9 112.3 168.5

98 65.5 53.8 80.8



#22

Diisopropyl ether

Concen: 18.484 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Tgt Ion: 45 Resp: 264010

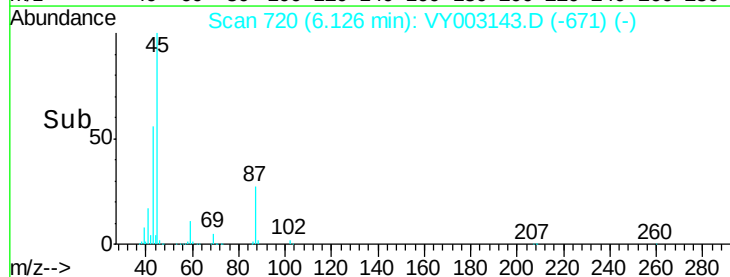
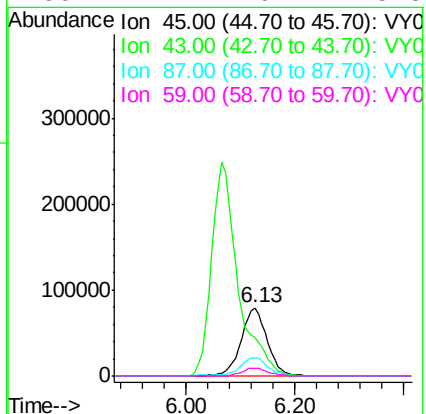
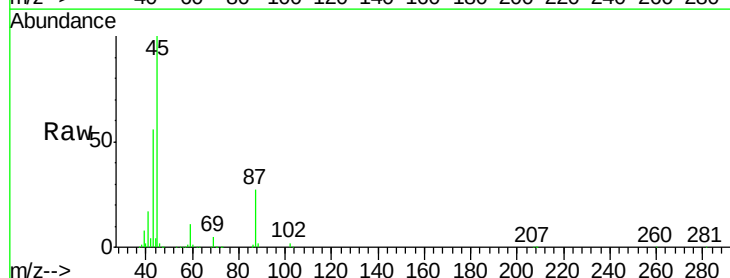
Ion Ratio Lower Upper

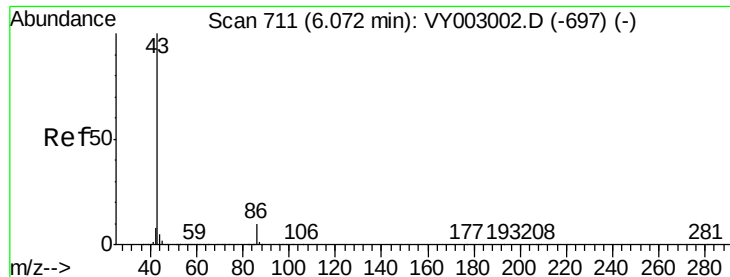
45 100

43 56.0 47.4 71.2

87 26.9 20.2 30.2

59 11.2 9.2 13.8





#23

Vinyl Acetate

Concen: 87.687 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampled :

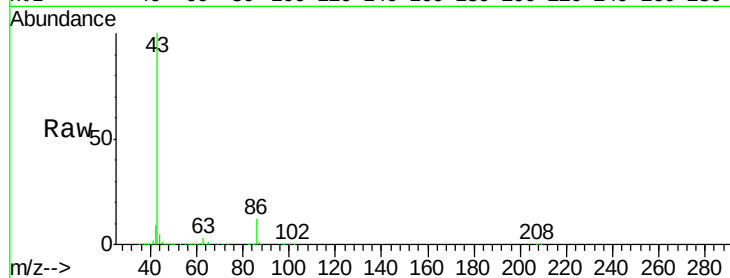
VY0709SBS01

Tot Ion: 43 Resp: 837327

Ion Ratio Lower Upper

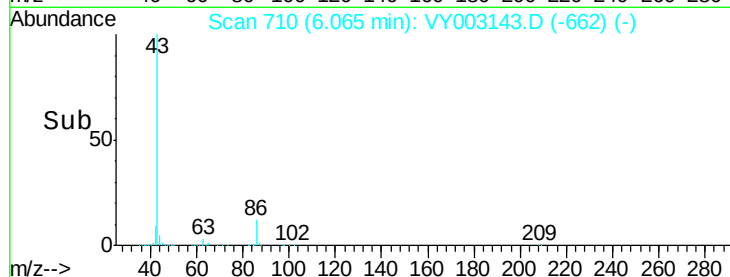
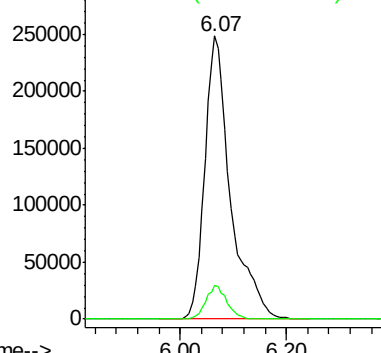
43 100

86 11.8 8.1 12.1

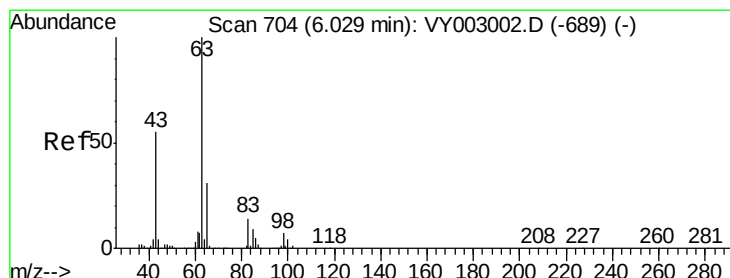


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 19.683 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

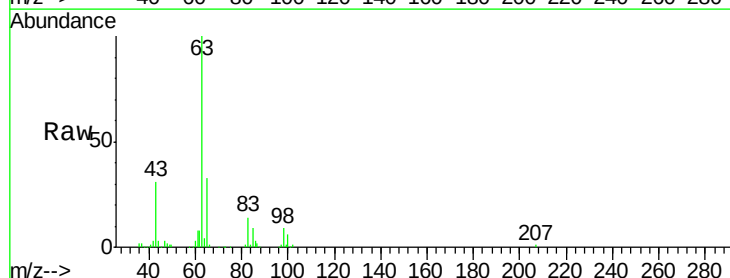
Tgt Ion: 63 Resp: 153566

Ion Ratio Lower Upper

63 100

98 9.4 3.4 10.1

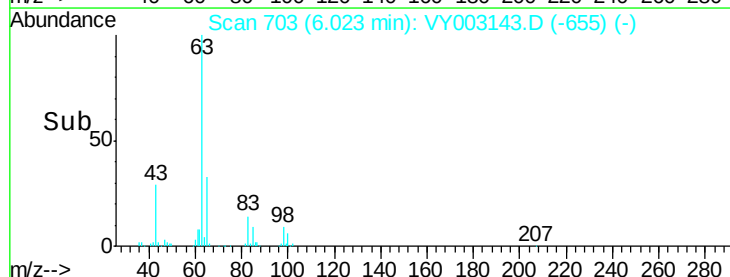
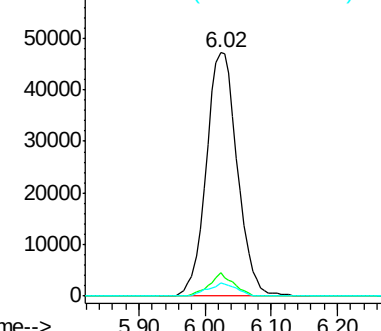
100 5.5 2.3 6.8



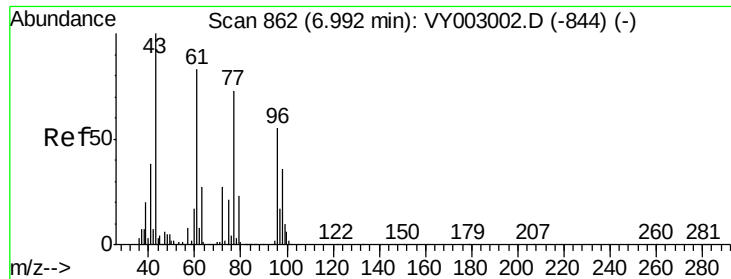
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



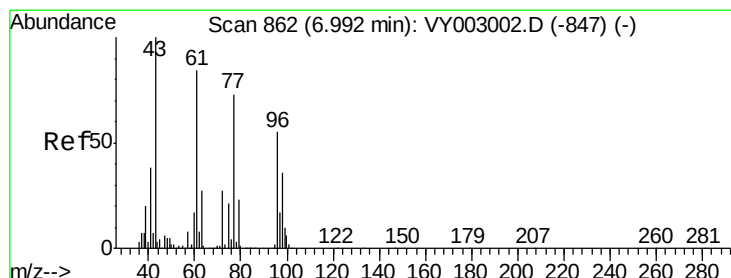
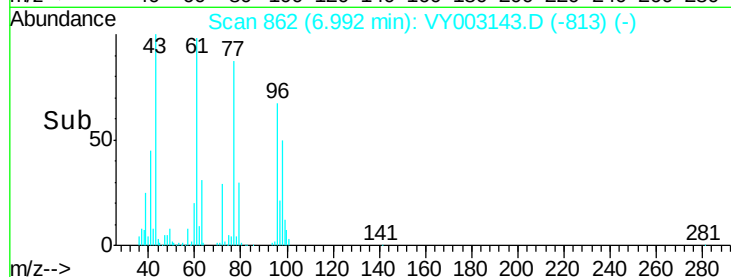
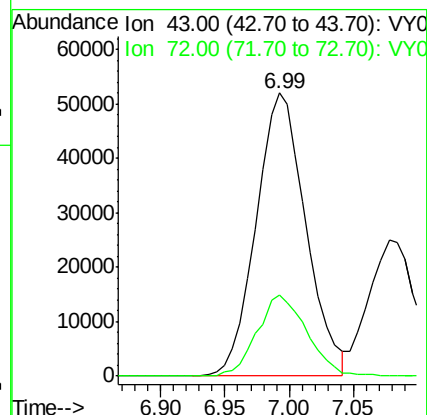
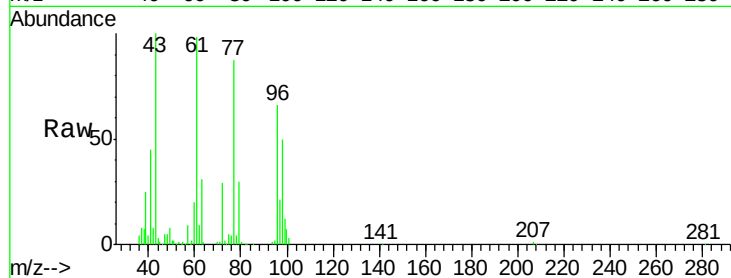
Time-->



#25
2-Butanone
Concen: 84.550 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

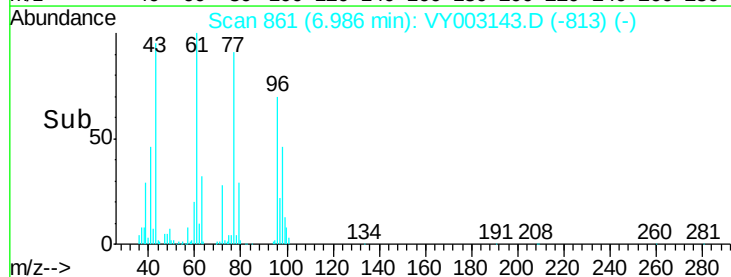
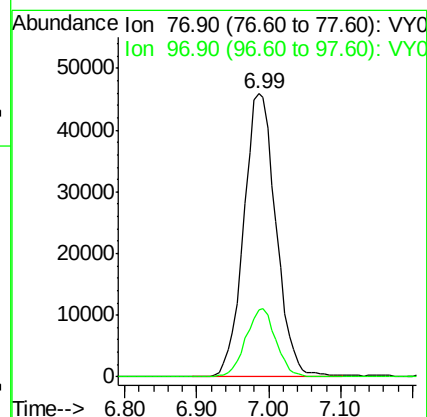
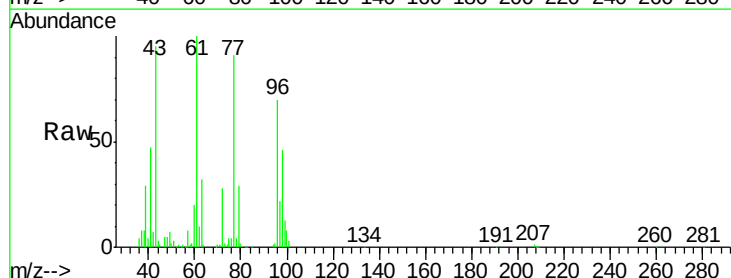
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

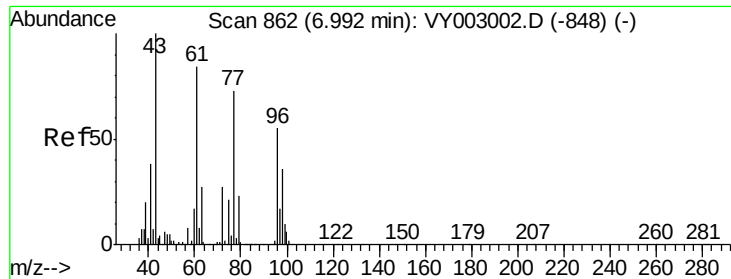
Tot Ion: 43 Resp: 138431
Ion Ratio Lower Upper
43 100
72 28.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.163 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 77 Resp: 142926
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9

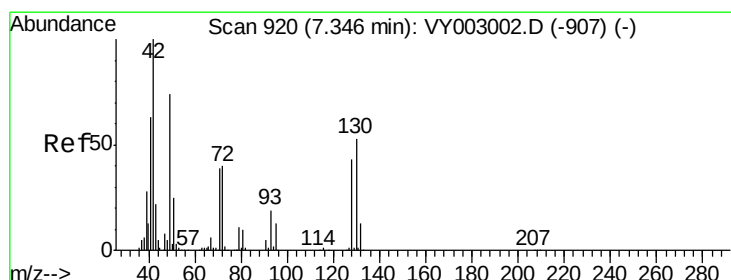
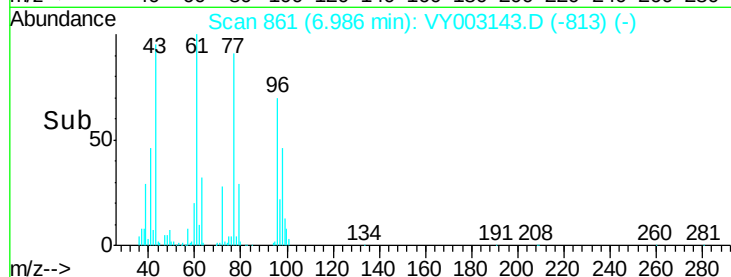
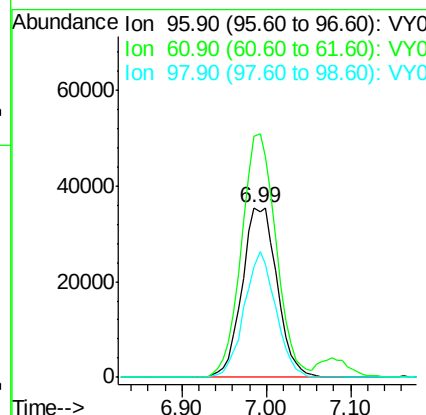
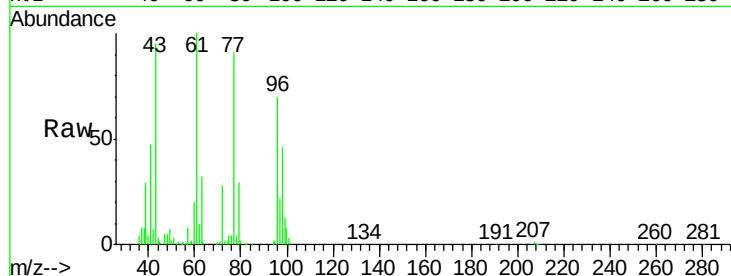




#27
 cis-1,2-Dichloroethene
 Concen: 20.627 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

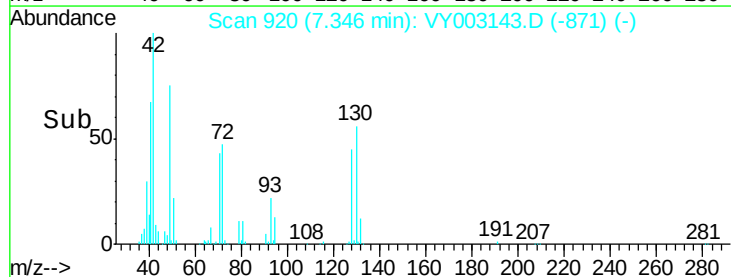
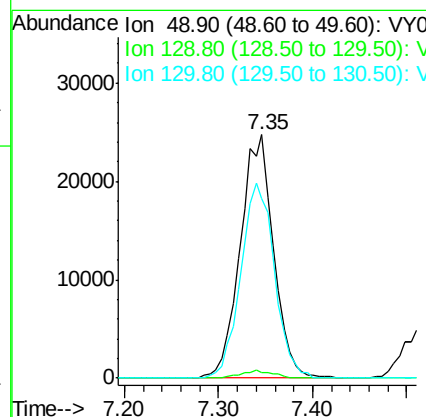
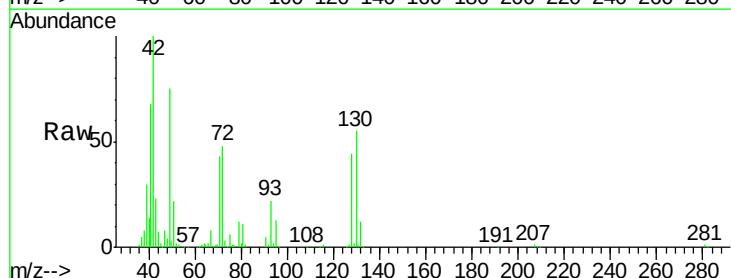
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

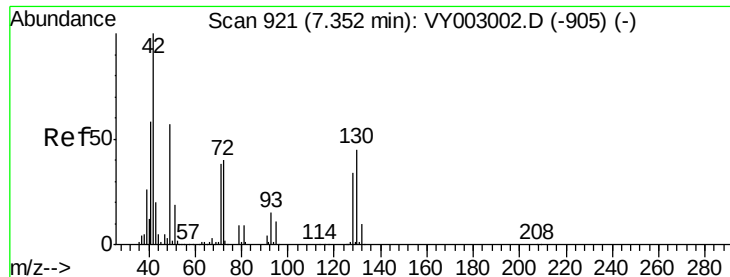
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	301.2
98	66.5	0.0	129.0



#28
 Bromochloromethane
 Concen: 17.562 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	81.3	57.0	85.6





#29

Tetrahydrofuran

Concen: 86.421 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

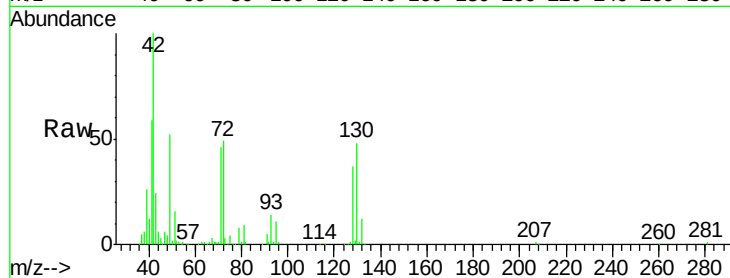
Tot Ion: 42 Resp: 94094

Ion Ratio Lower Upper

42 100

72 45.7 32.9 49.3

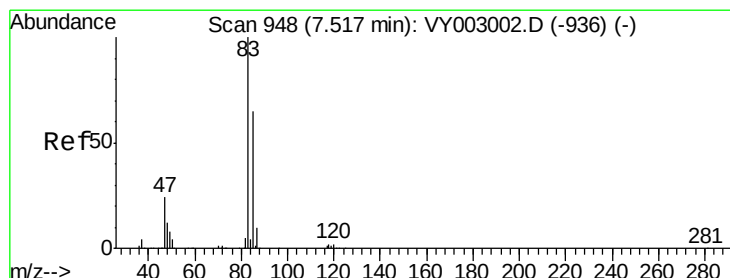
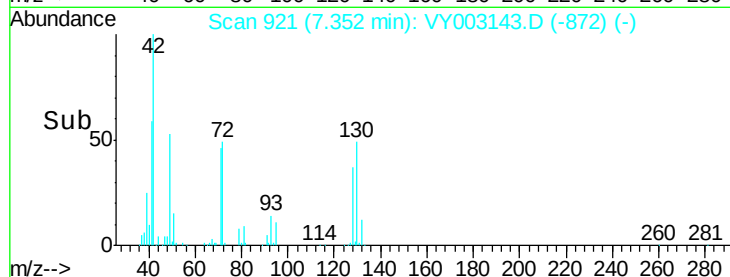
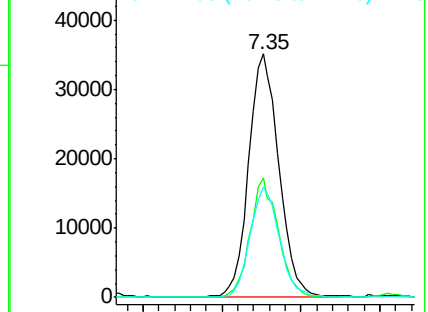
71 43.9 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.897 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003143.D

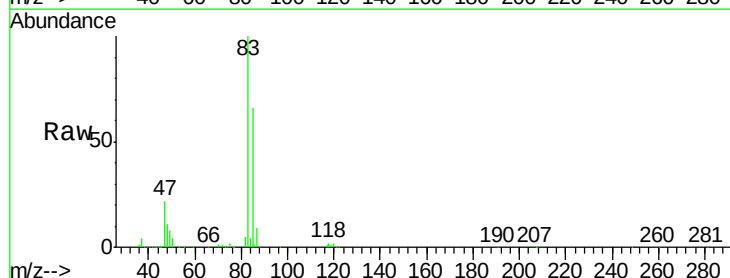
Acq: 09 Jul 2020 13:44

Tgt Ion: 83 Resp: 161523

Ion Ratio Lower Upper

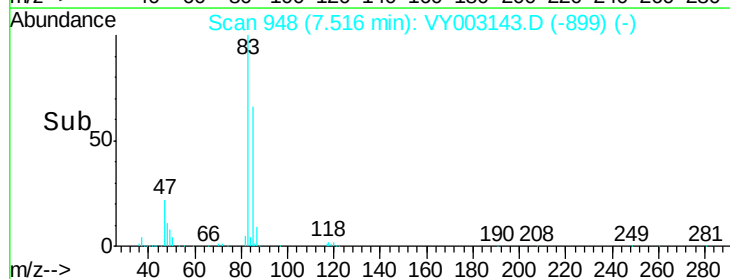
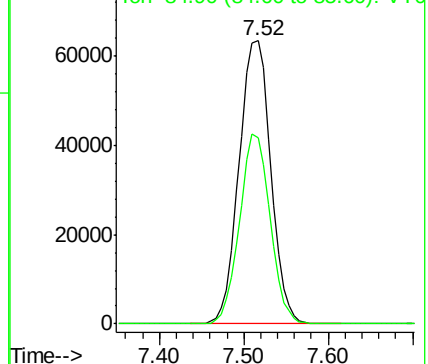
83 100

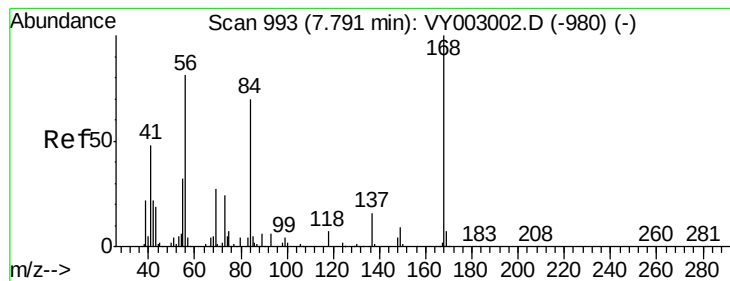
85 65.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.079 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

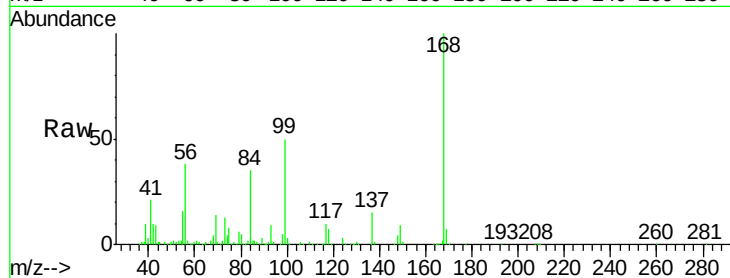
Tot Ion: 56 Resp: 146642

Ion Ratio Lower Upper

56 100

69 37.7 27.0 40.4

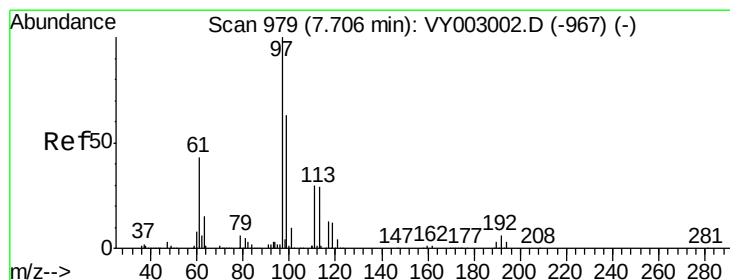
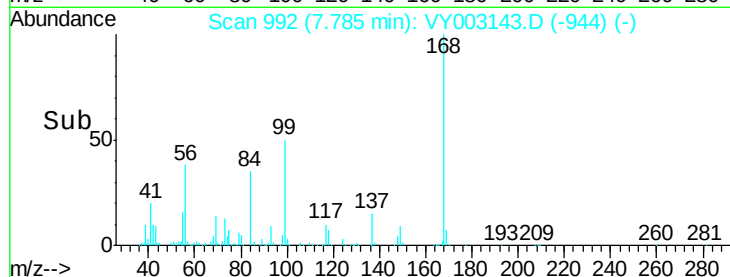
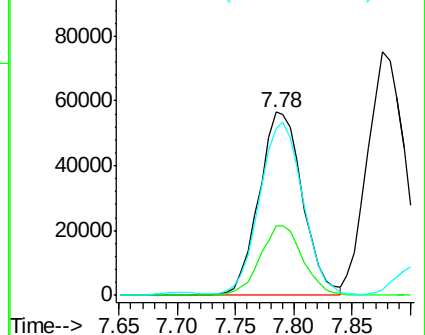
84 89.4 68.1 102.1



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: 20.636 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

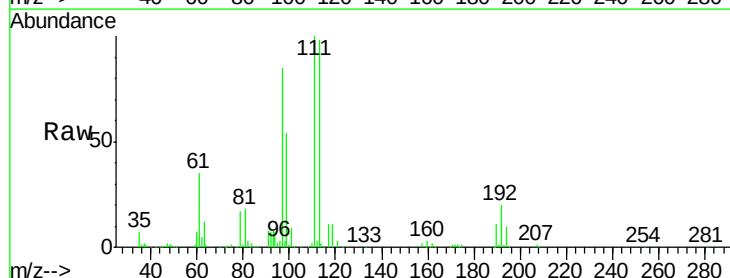
Tgt Ion: 97 Resp: 145598

Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.2

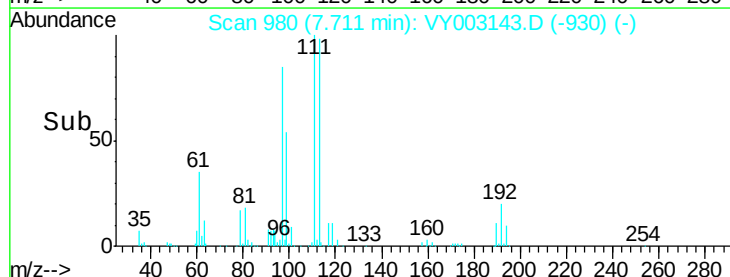
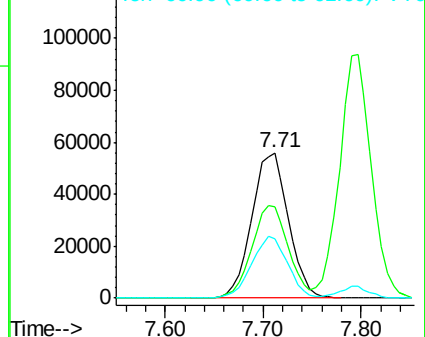
61 41.4 33.9 50.9

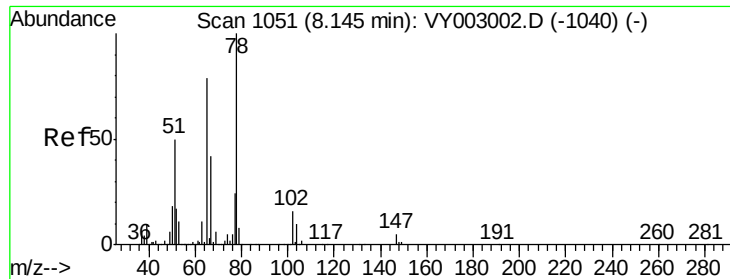


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

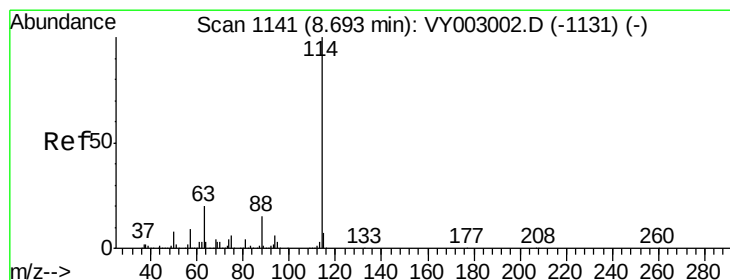
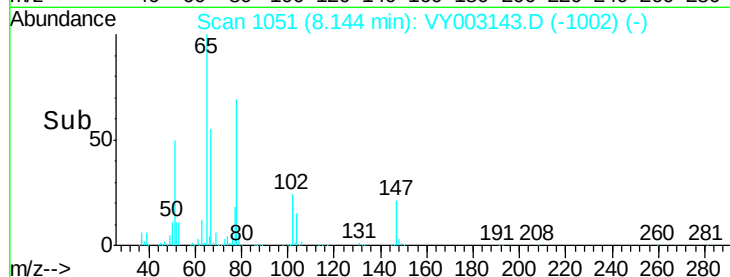
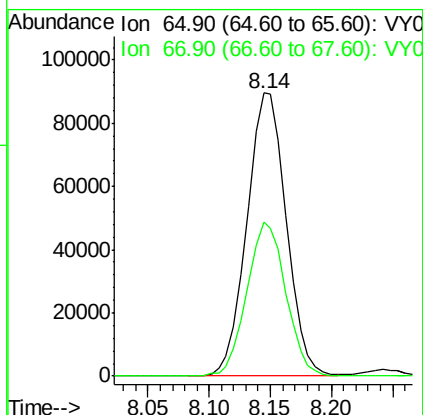
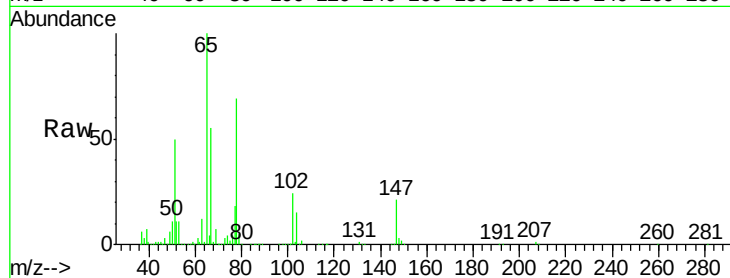




#33
 1,2-Dichloroethane-d4
 Concen: 45.898 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

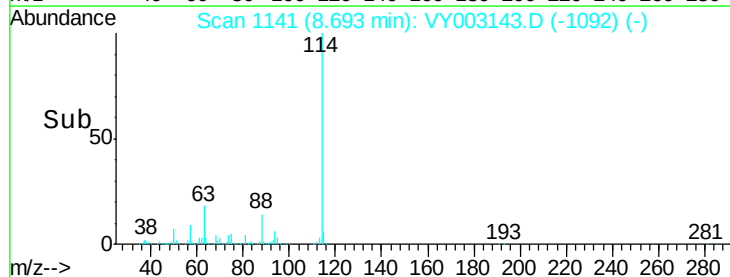
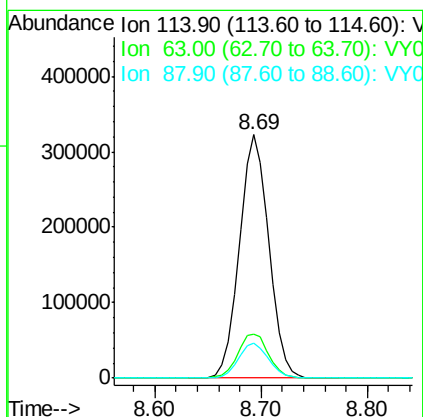
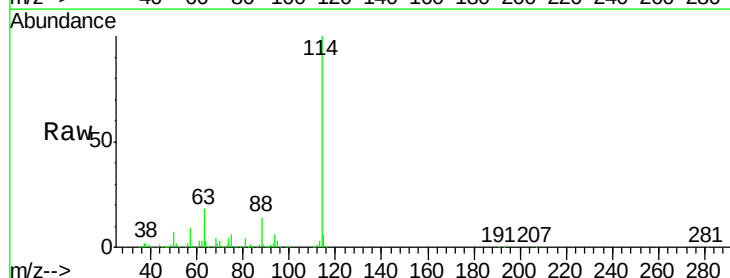
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

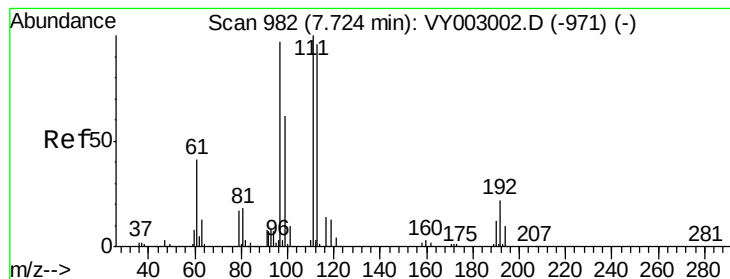
Tot Ion: 65 Resp: 200583
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion: 114 Resp: 625958
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 40.6
 88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.135 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

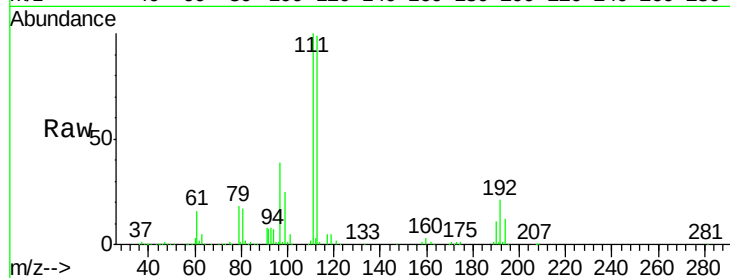
Tot Ion:113 Resp: 203578

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

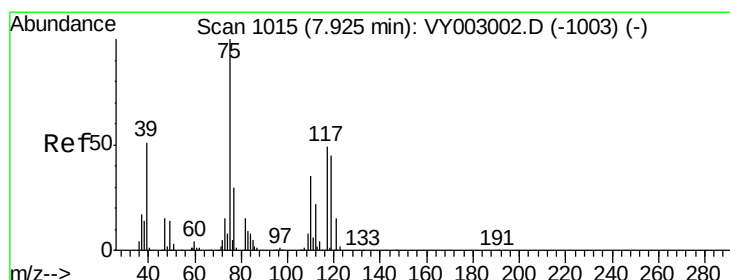
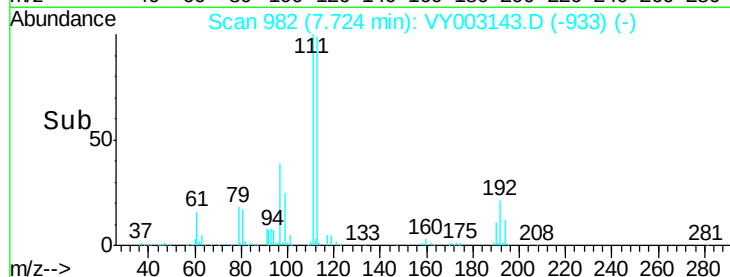
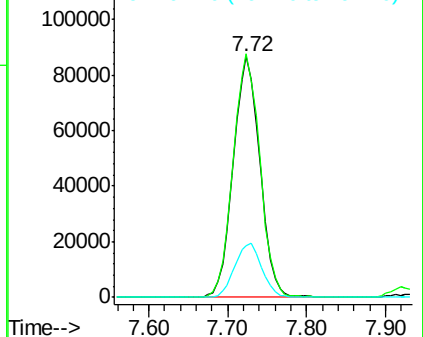
192 22.8 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.952 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

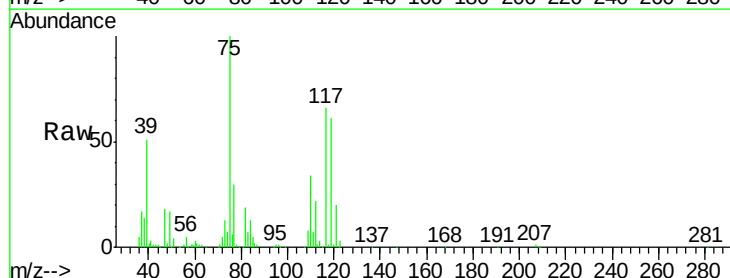
Tgt Ion: 75 Resp: 126329

Ion Ratio Lower Upper

75 100

110 36.3 17.1 51.2

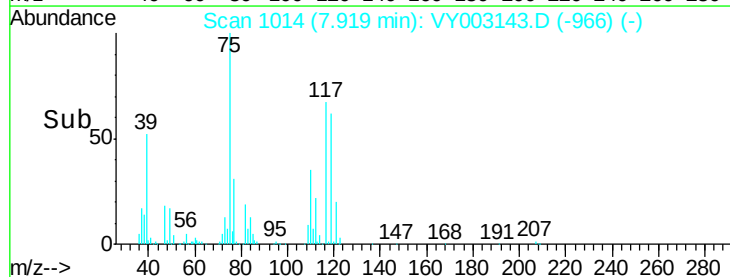
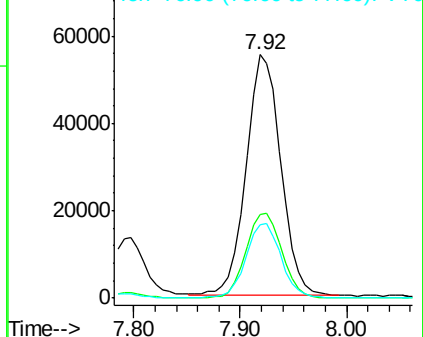
77 31.5 24.9 37.3

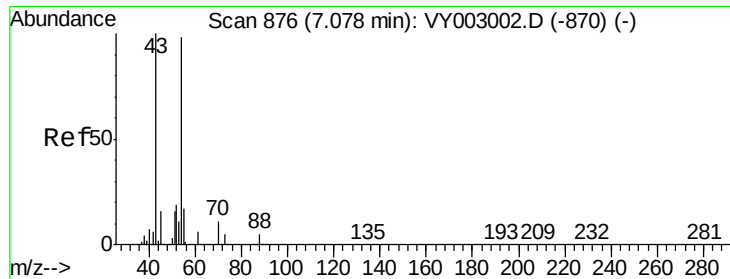


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

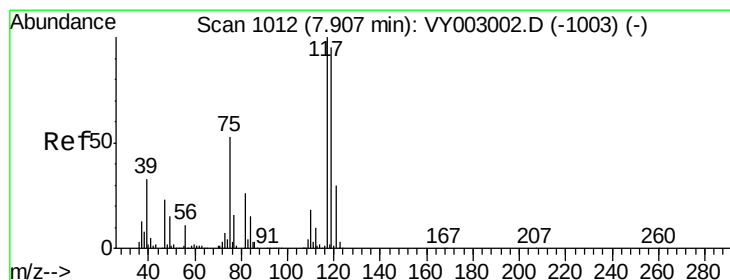
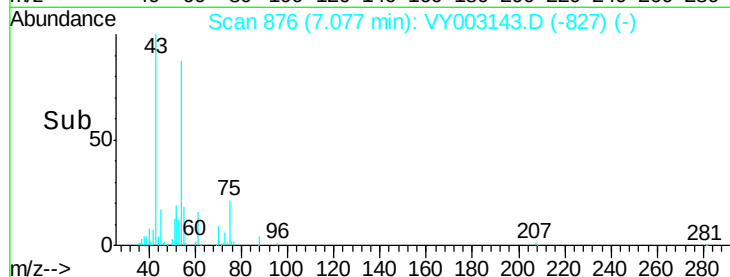
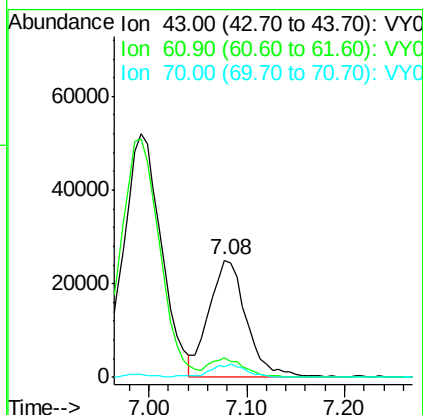
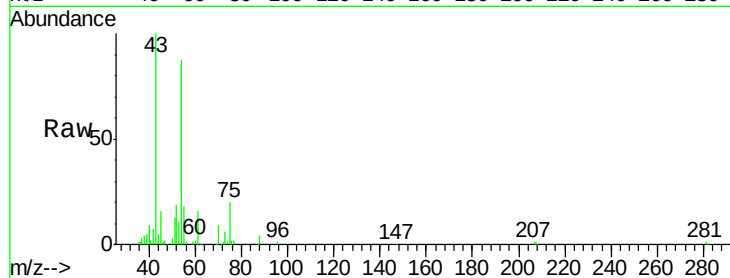




#37
Ethyl Acetate
Concen: 18.065 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

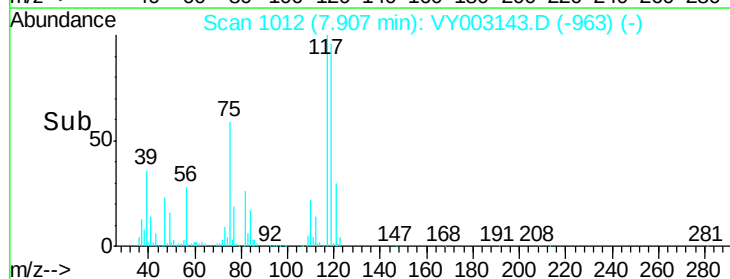
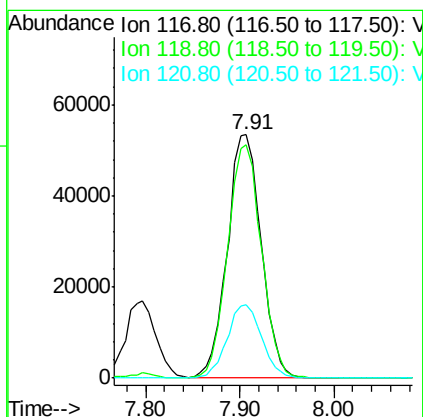
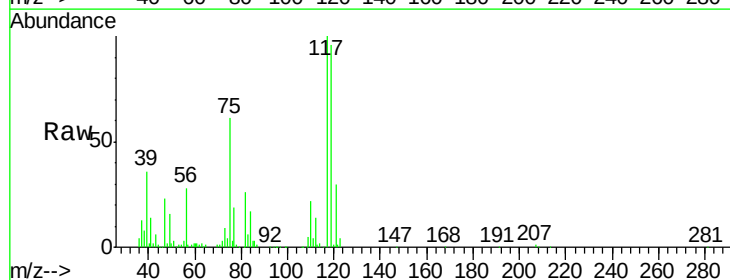
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

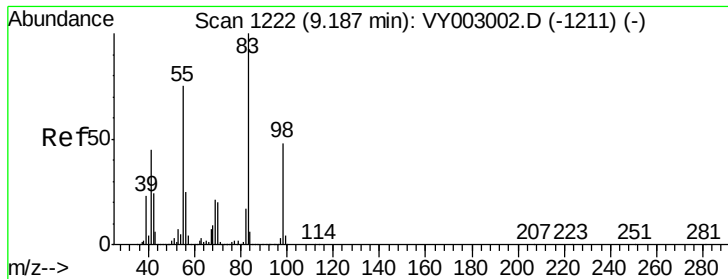
Tot Ion: 43 Resp: 65489
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 10.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.300 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 117 Resp: 133624
Ion Ratio Lower Upper
117 100
119 95.8 75.7 113.5
121 30.3 23.9 35.9

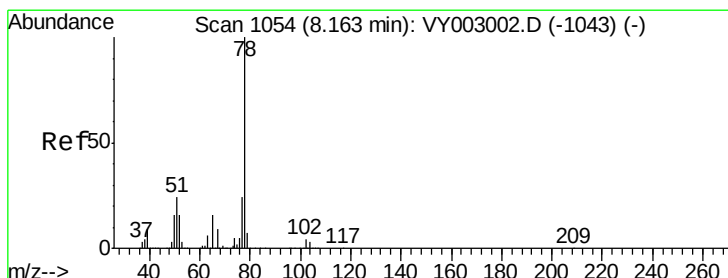
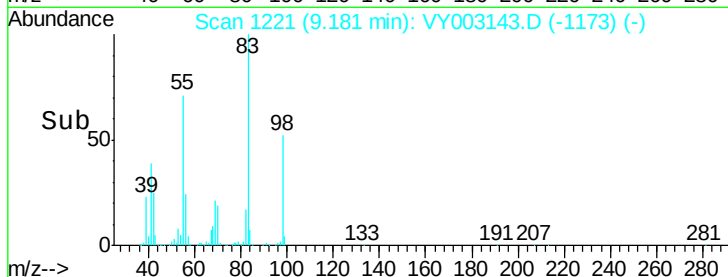
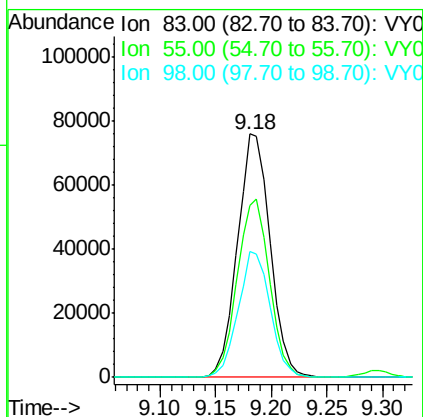
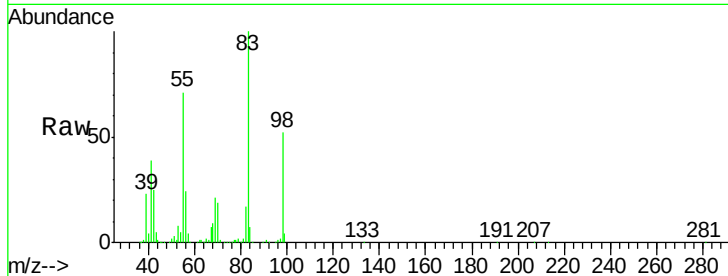




#39
Methylvlcyclohexane
Concen: 20.737 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

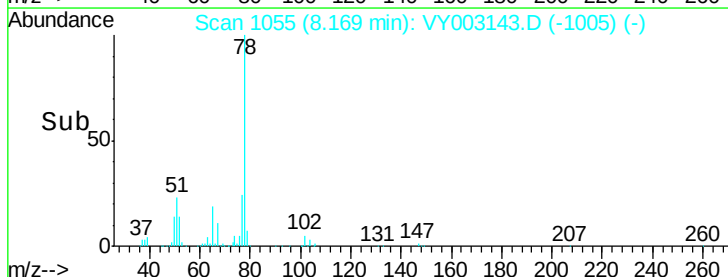
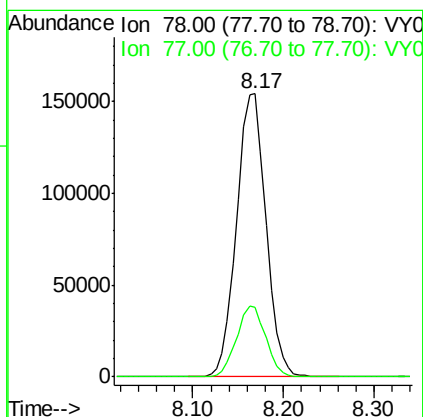
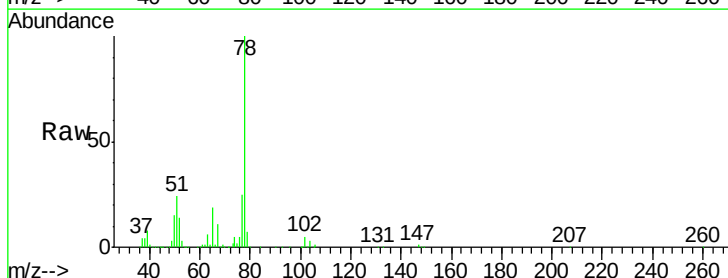
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

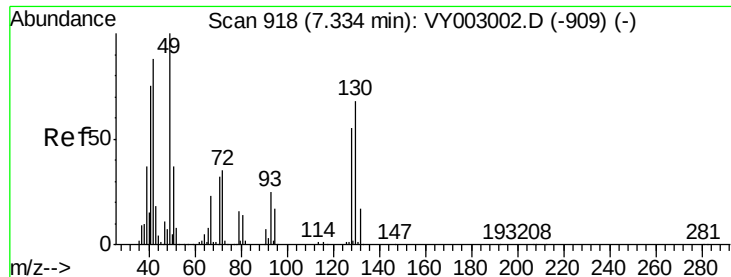
Tot Ion	83	Resp	155025
Ion Ratio	Lower	Upper	
83	100		
55	70.7	59.9	89.9
98	51.8	38.7	58.1



#40
Benzene
Concen: 21.019 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion	78	Resp	346965
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.2	28.8

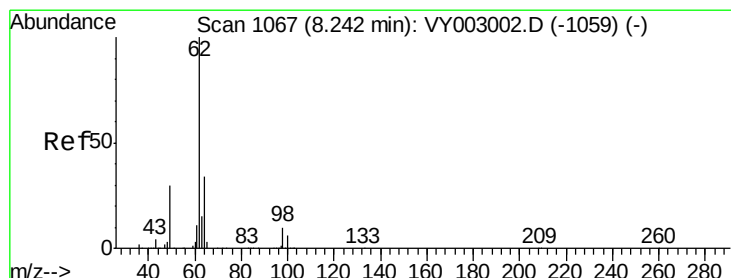
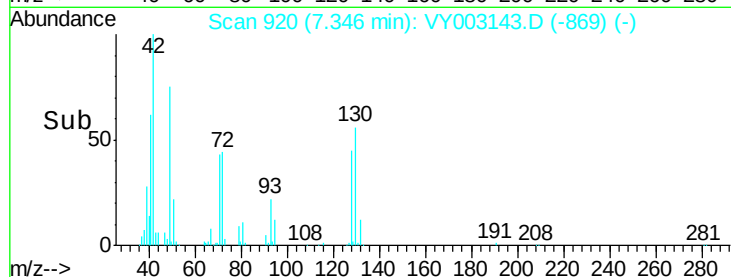
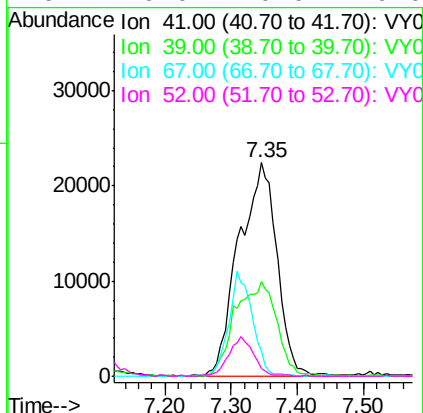
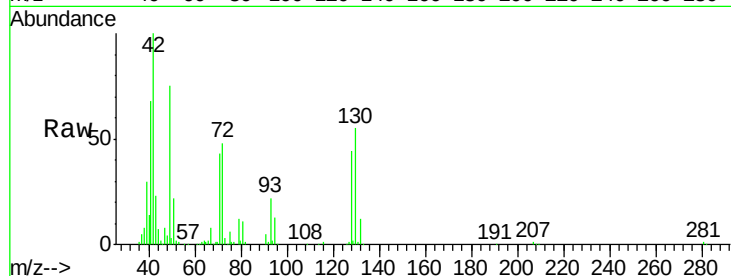




#41
Methacrylonitrile
Concen: 46.465 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

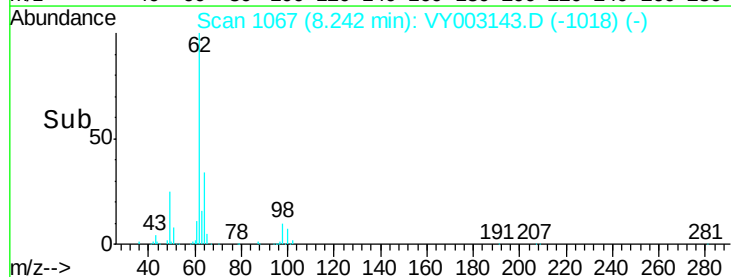
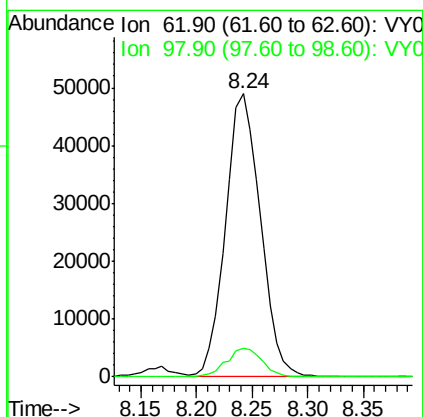
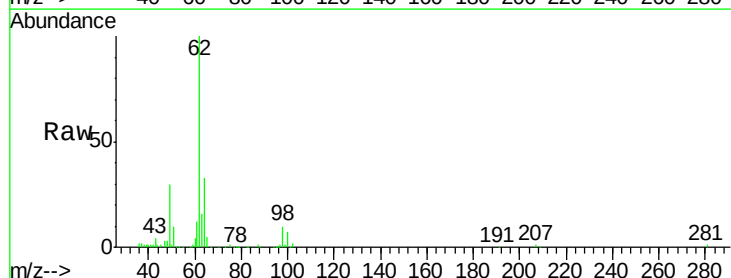
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

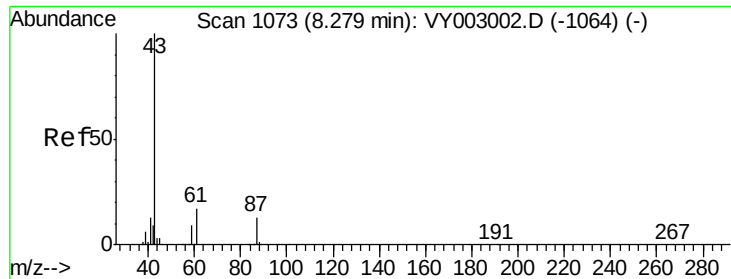
Tot Ion:	41	Resp:	89982
Ion	Ratio	Lower	Upper
41	100		
39	47.8	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.405 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion:	62	Resp:	106557
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.321 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

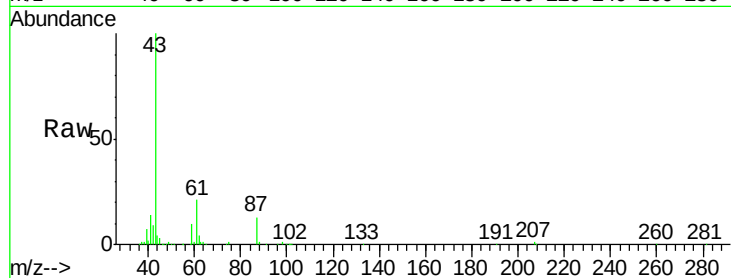
Tot Ion: 43 Resp: 126268

Ion Ratio Lower Upper

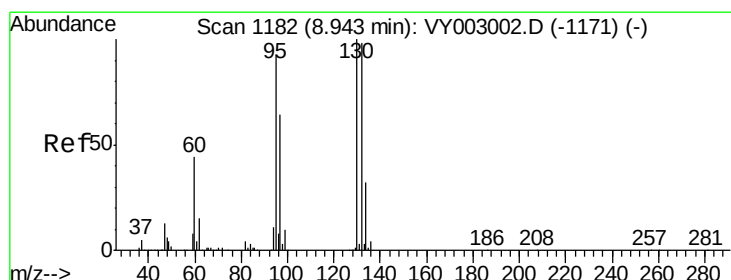
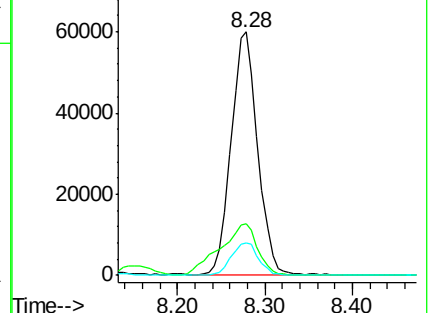
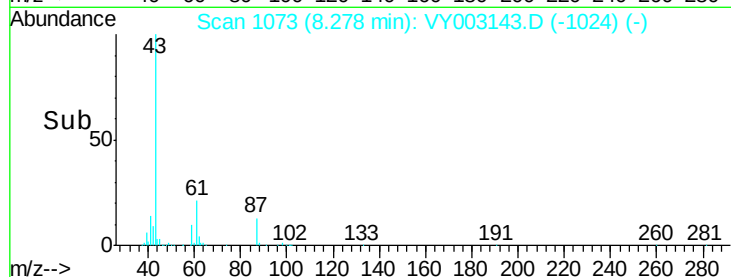
43 100

61 30.2 21.8 32.6

87 13.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003143.D (-1024) (-)



#44

Trichloroethene

Concen: 22.211 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003143.D

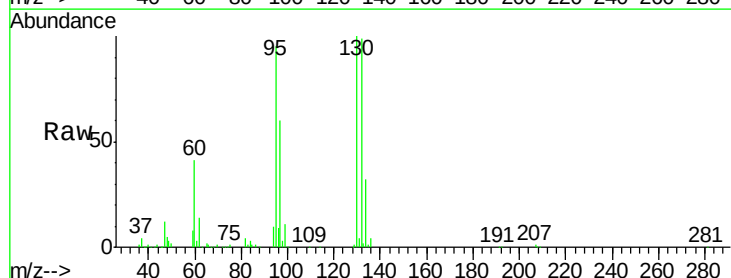
Acq: 09 Jul 2020 13:44

Tgt Ion:130 Resp: 106567

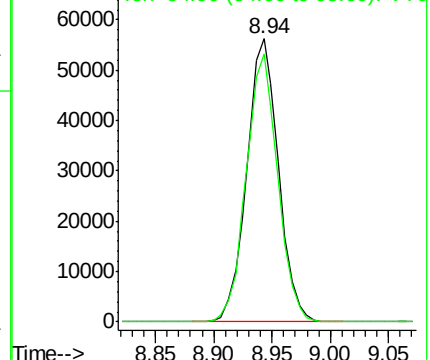
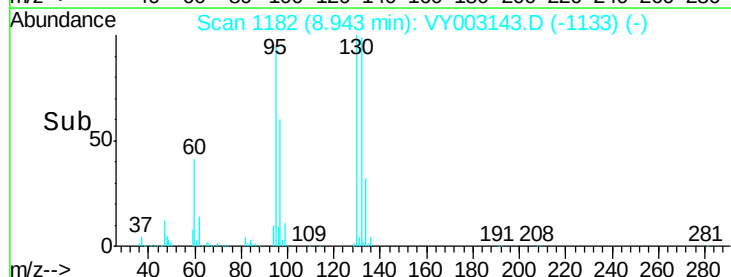
Ion Ratio Lower Upper

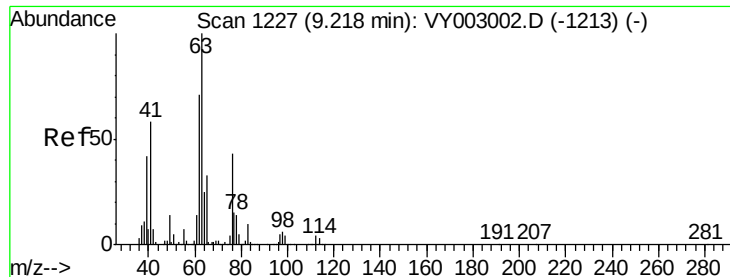
130 100

95 94.5 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003143.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 20.213 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

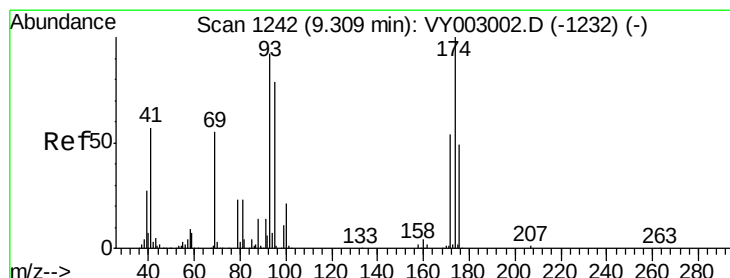
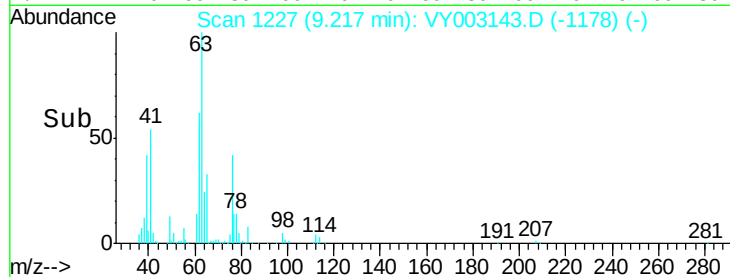
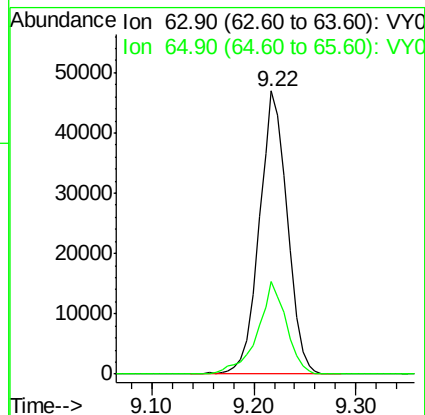
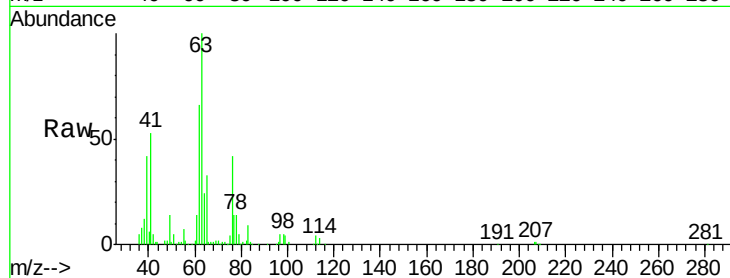
VY0709SBS01

Tot Ion: 63 Resp: 89767

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 20.890 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

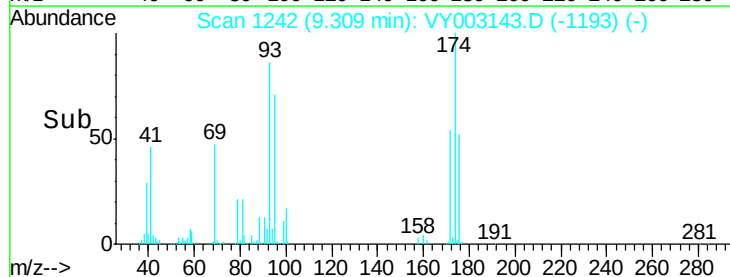
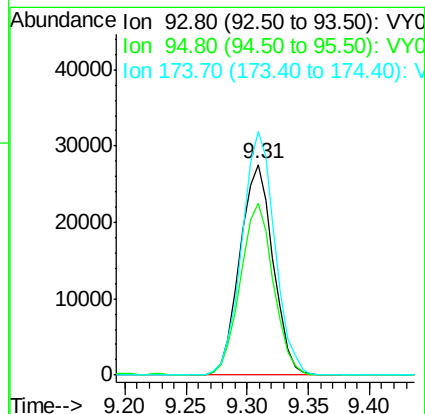
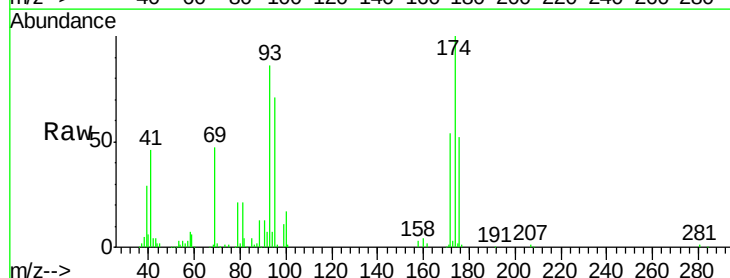
Tgt Ion: 93 Resp: 51814

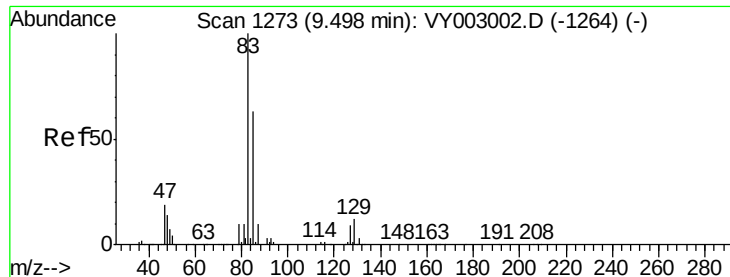
Ion Ratio Lower Upper

93 100

95 81.4 67.6 101.4

174 115.0 88.3 132.5





#47

Bromodichloromethane

Concen: 20.719 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

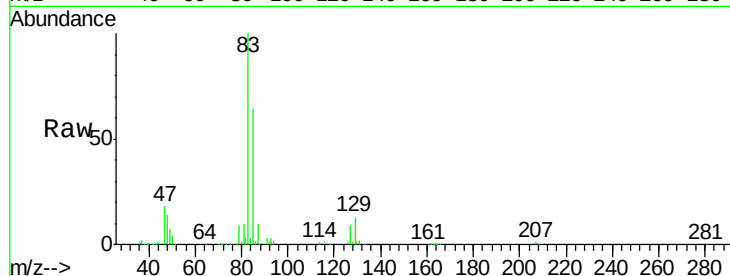
Tot Ion: 83 Resp: 125837

Ion Ratio Lower Upper

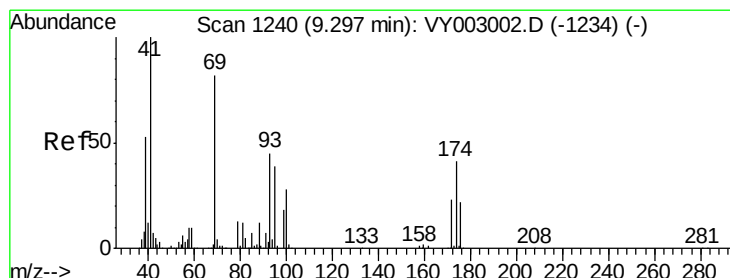
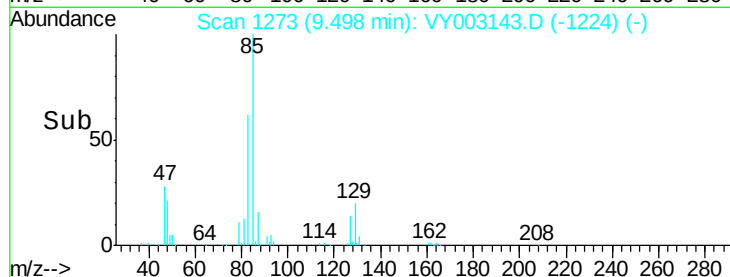
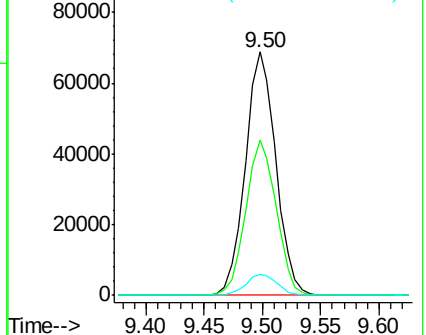
83 100

85 63.6 50.5 75.7

127 8.6 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: 18.115 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

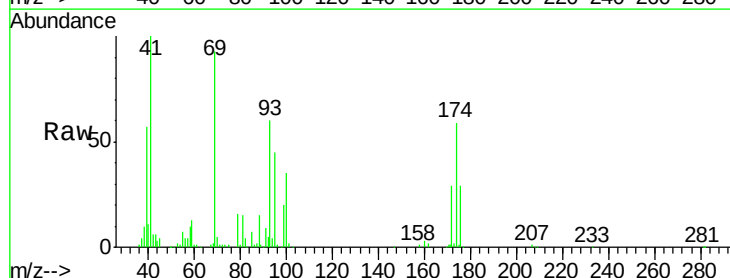
Tgt Ion: 41 Resp: 56827

Ion Ratio Lower Upper

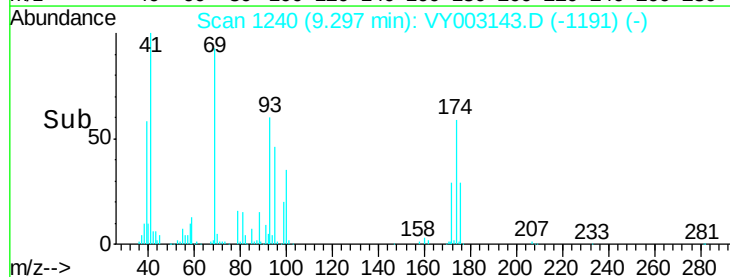
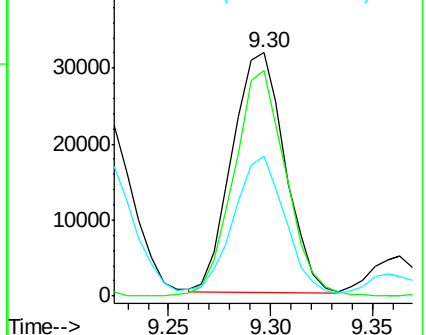
41 100

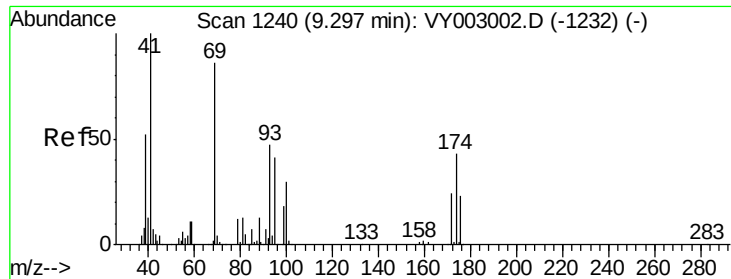
69 92.6 67.7 101.5

39 58.5 45.0 67.4



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

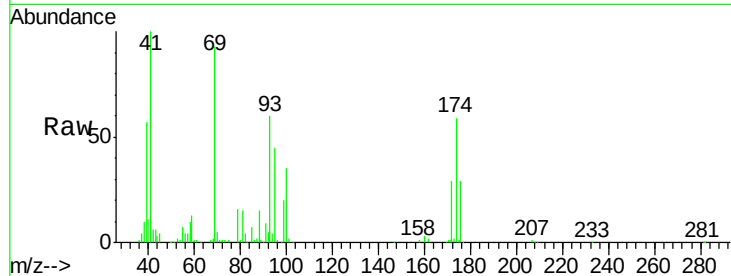




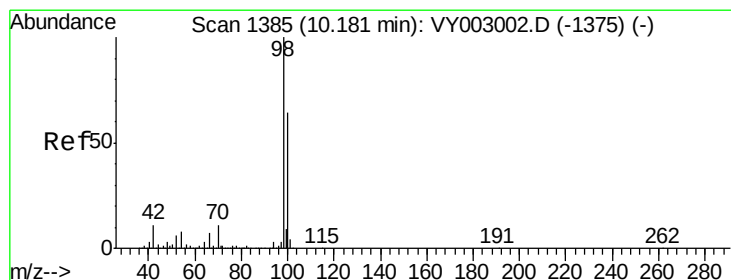
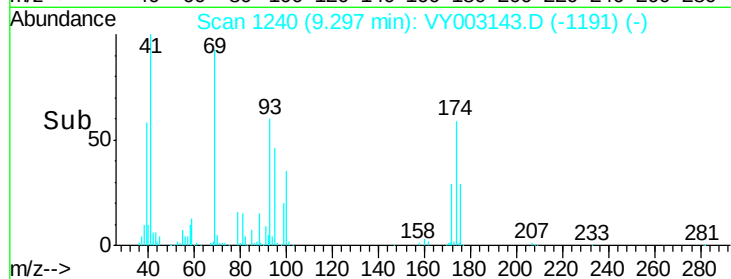
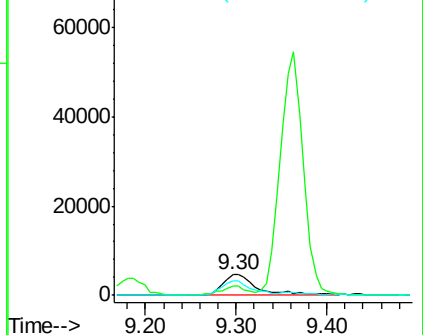
#49
1,4-Dioxane
Concen: 423.674 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion: 88 Resp: 12828
Ion Ratio Lower Upper
88 100
43 29.7 28.6 42.8
58 58.7 56.7 85.1

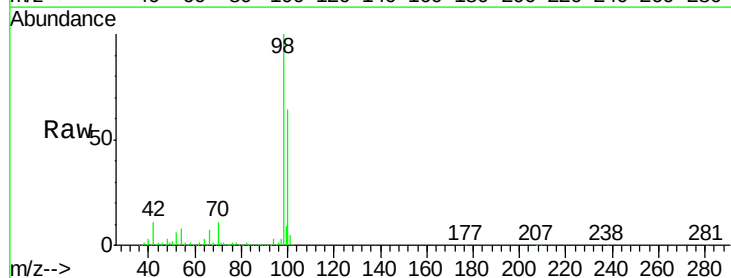


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

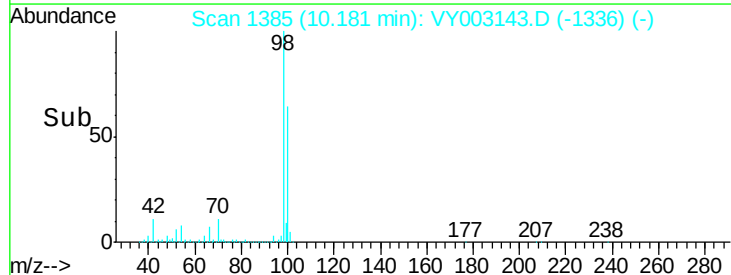
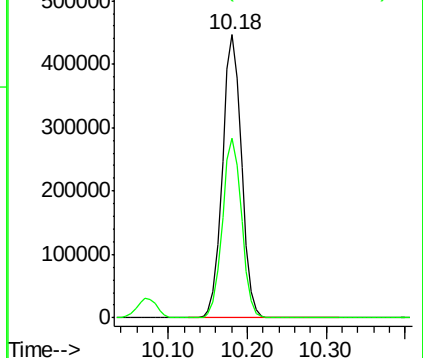


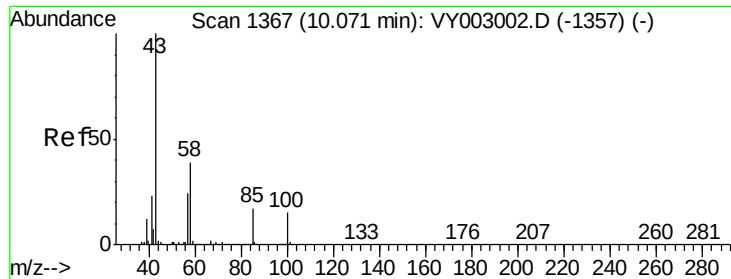
#50
Toluene-d8
Concen: 51.460 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 98 Resp: 748595
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



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

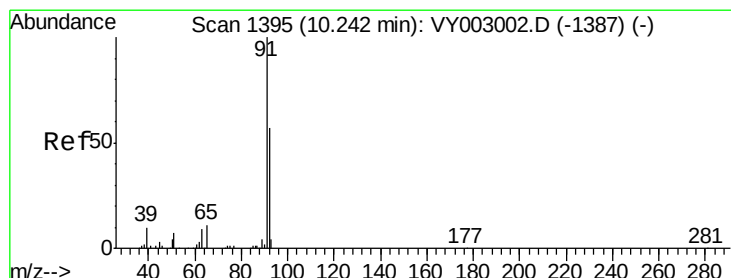
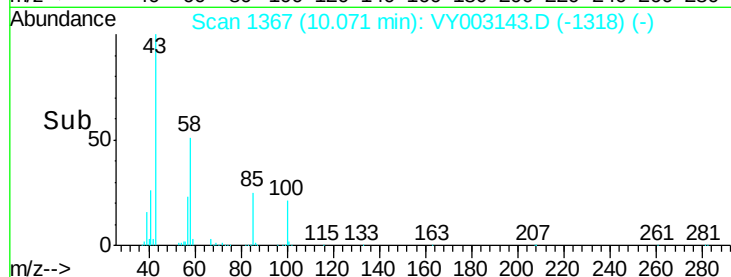
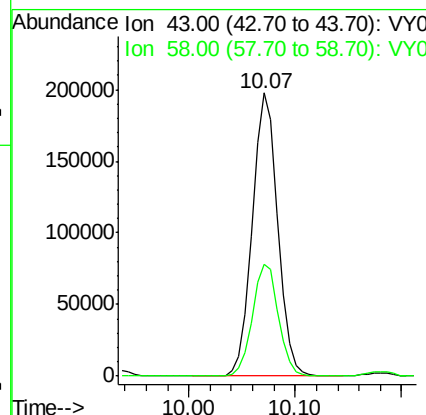
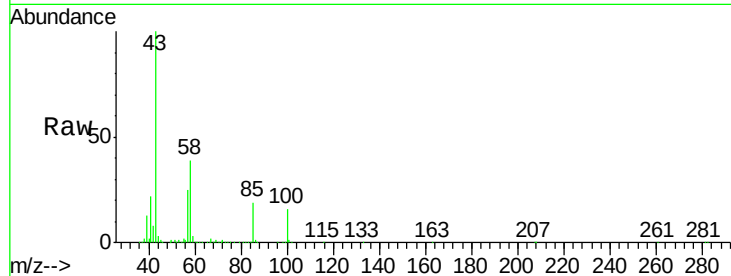




#51
4-Methyl-2-Pentanone
Concen: 93.119 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

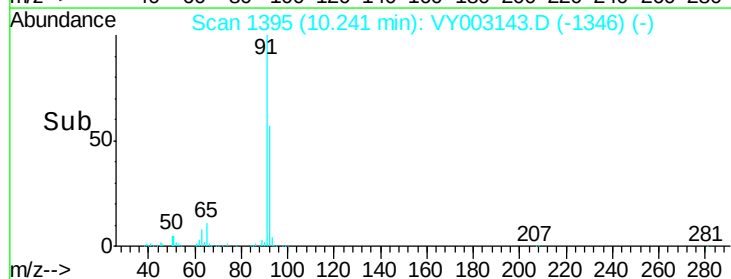
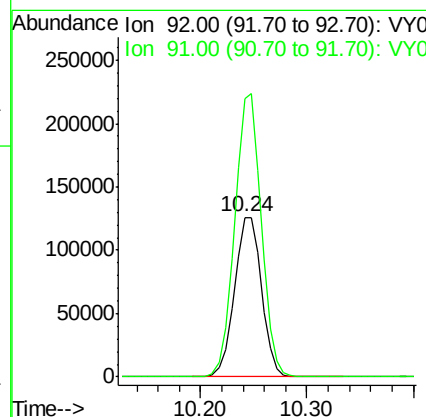
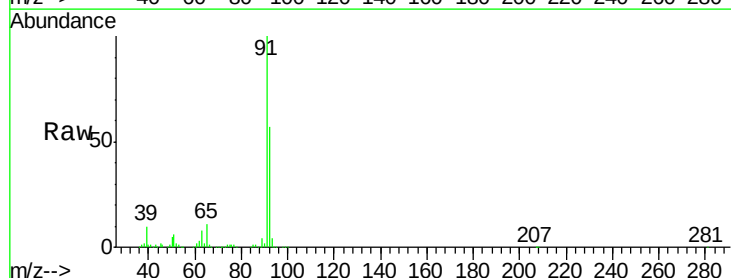
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

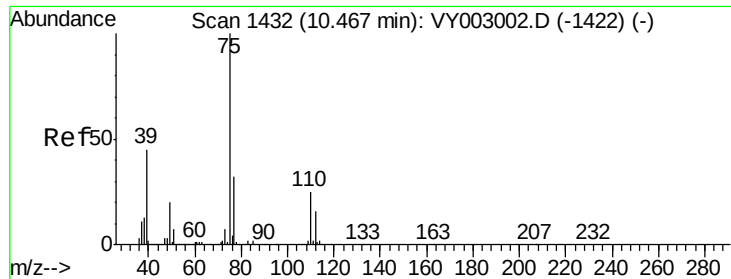
Tot Ion: 43 Resp: 331694
Ion Ratio Lower Upper
43 100
58 40.5 31.1 46.7



#52
Toluene
Concen: 21.614 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 92 Resp: 224600
Ion Ratio Lower Upper
92 100
91 173.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.081 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

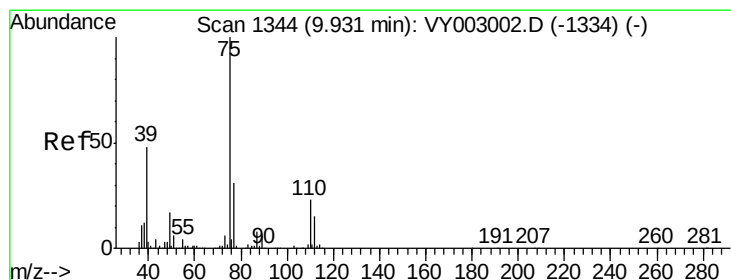
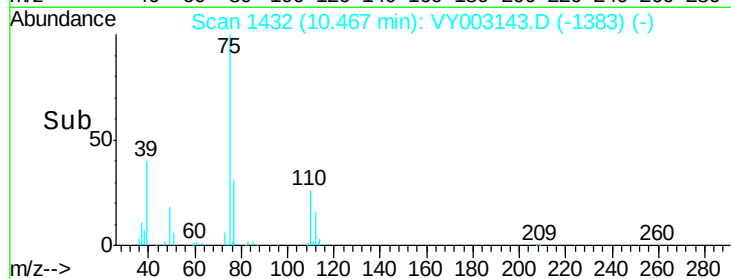
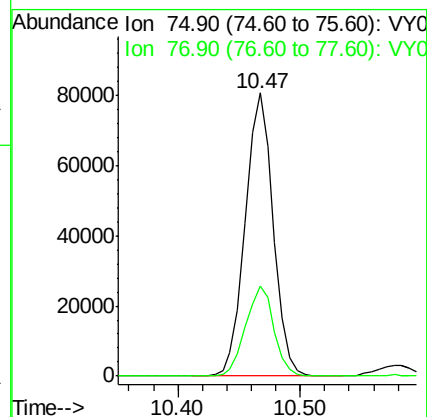
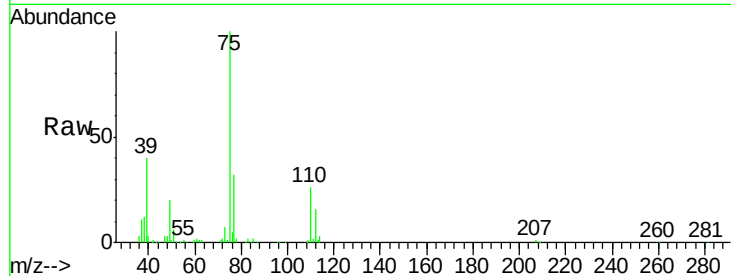
VY0709SBS01

Tot Ion: 75 Resp: 127868

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.259 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

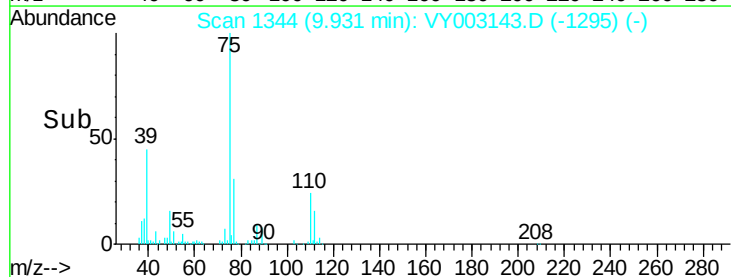
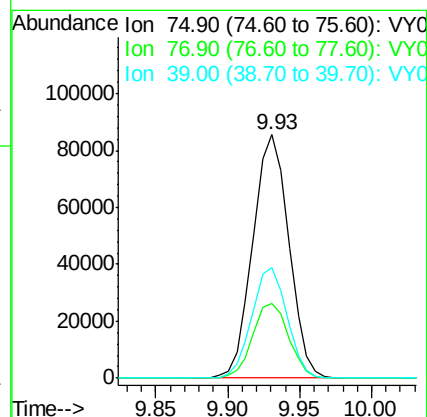
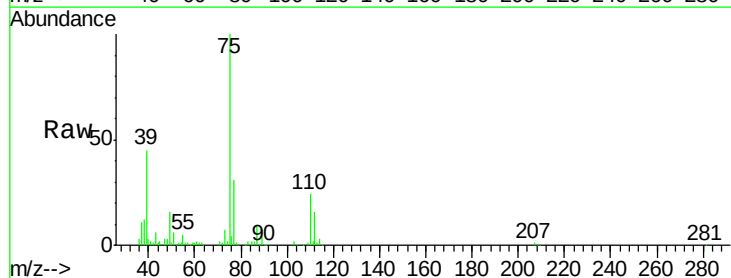
Tgt Ion: 75 Resp: 147535

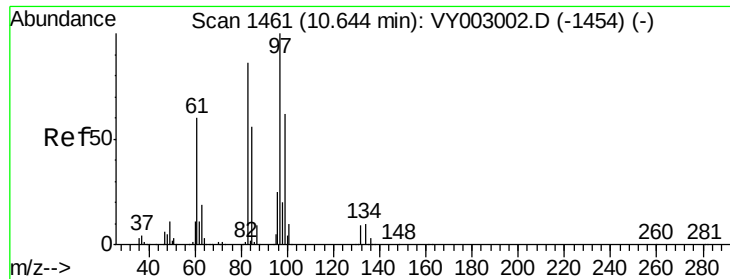
Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 45.4 38.3 57.5

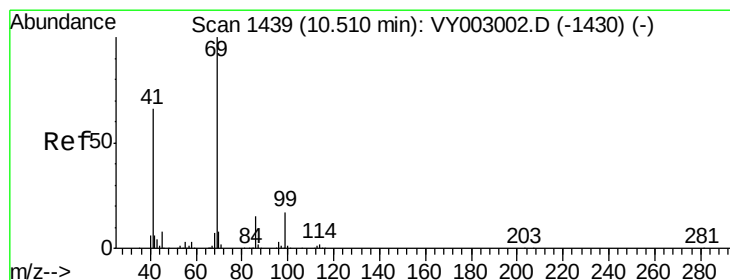
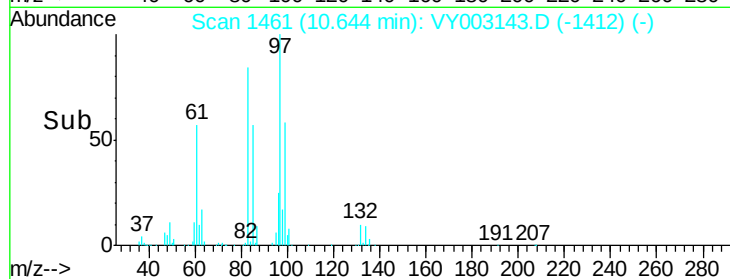
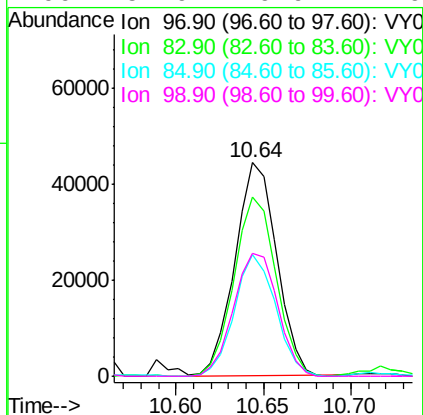
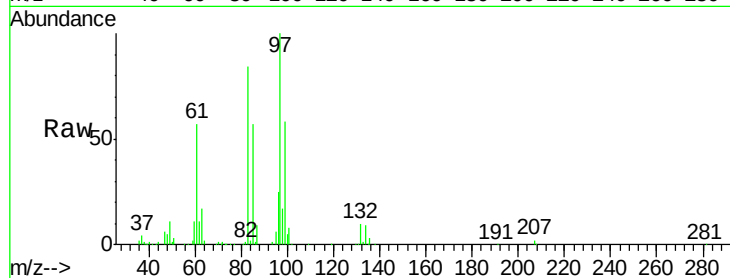




#55
 1,1,2-Trichloroethane
 Concen: 21.441 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

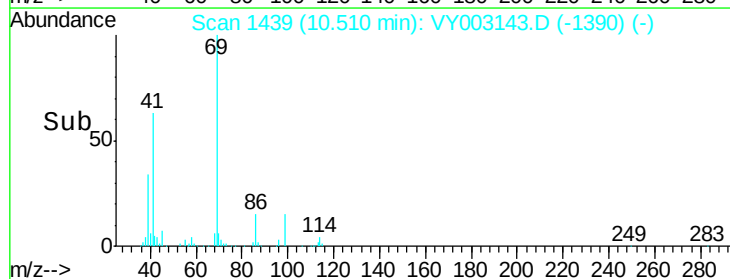
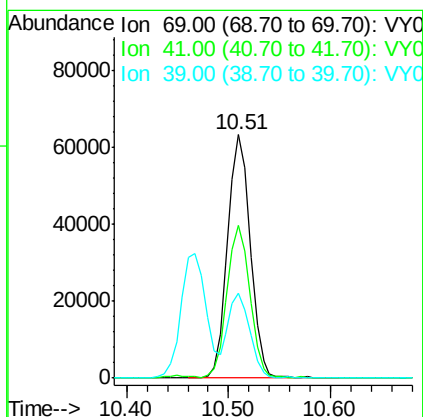
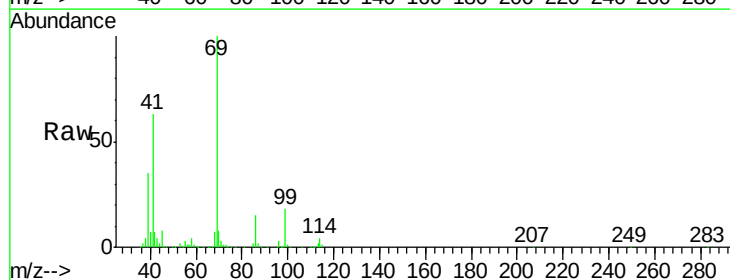
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

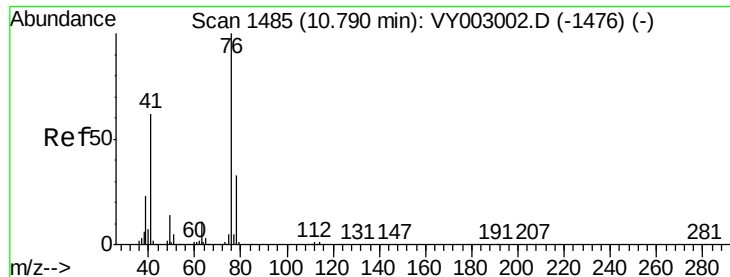
Tot Ion:	97	Resp:	73900
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.0	103.6
85	56.9	44.8	67.2
99	57.9	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.643 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion:	69	Resp:	98005
Ion	Ratio	Lower	Upper
69	100		
41	62.2	53.7	80.5
39	32.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.881 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

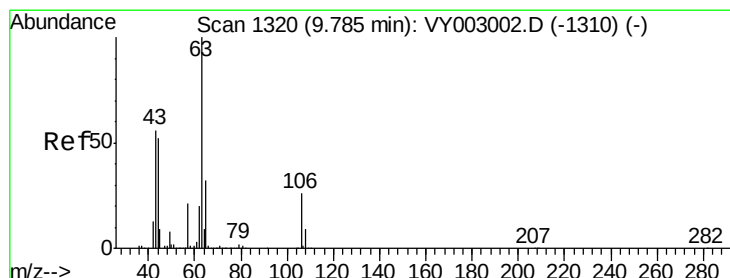
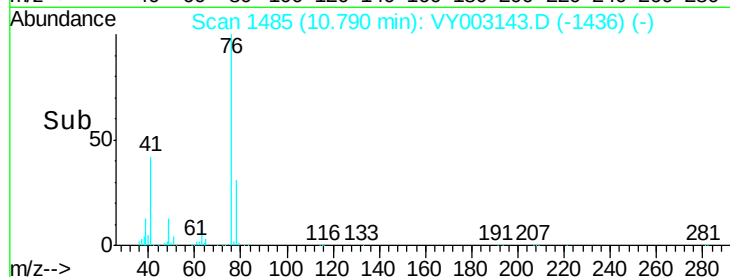
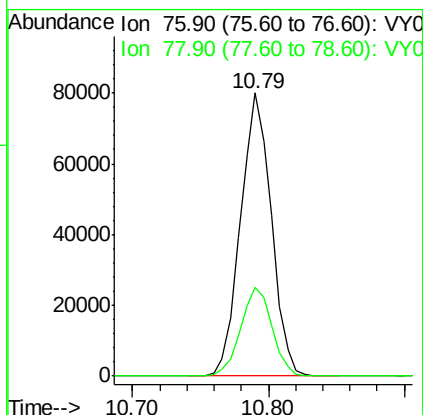
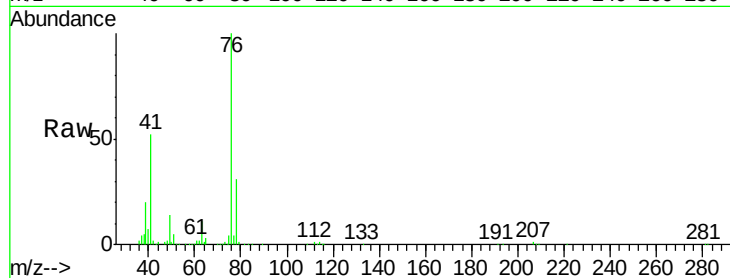
VY0709SBS01

Tot Ion: 76 Resp: 126349

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.494 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003143.D

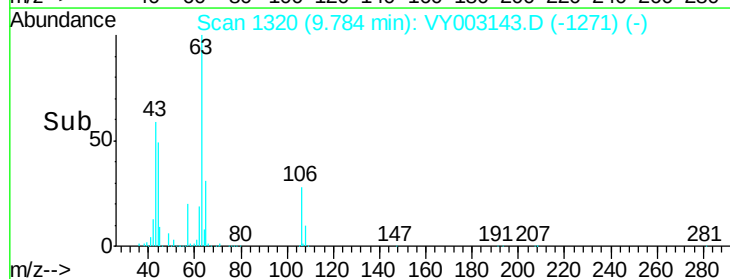
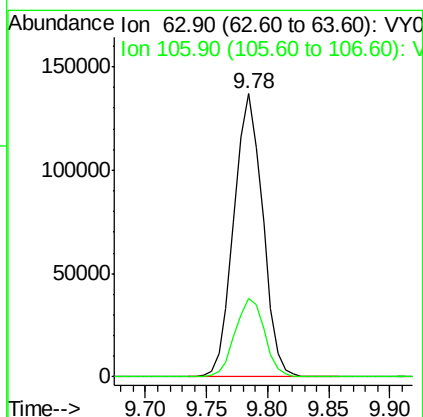
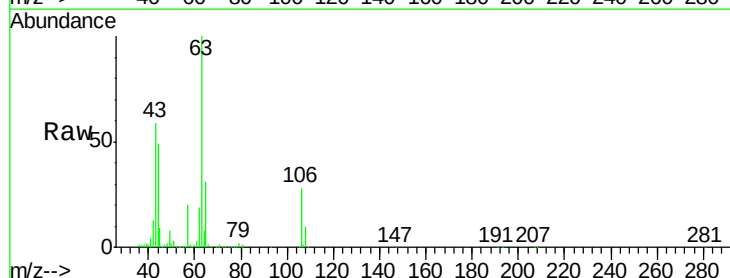
Acq: 09 Jul 2020 13:44

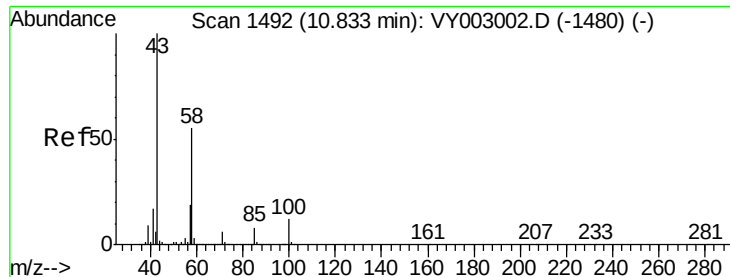
Tgt Ion: 63 Resp: 223887

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

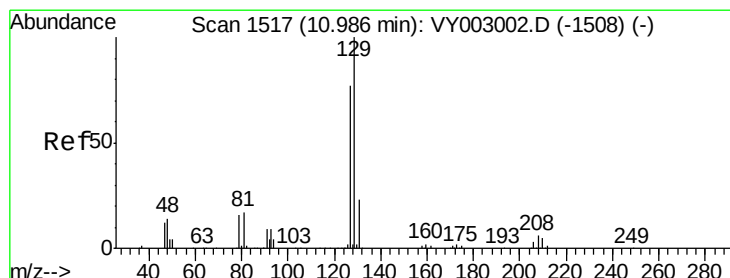
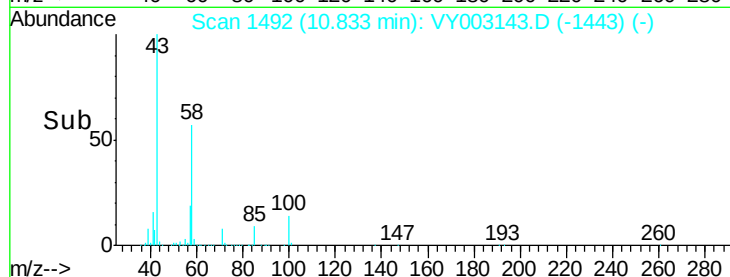
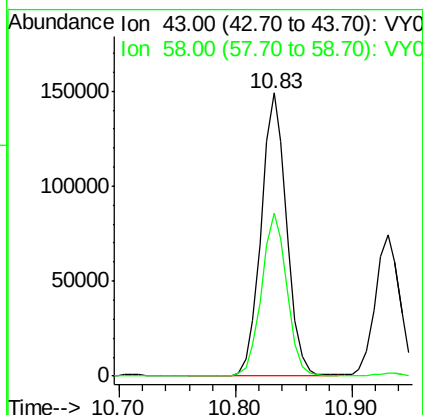
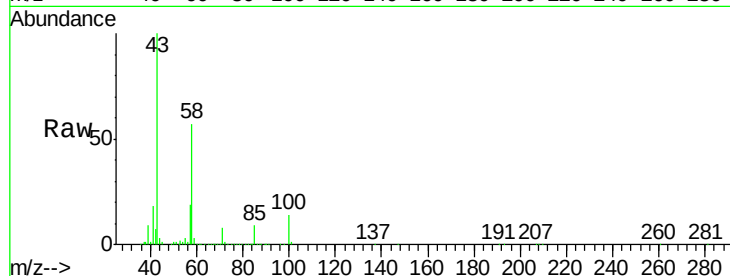




#59
2-Hexanone
Concen: 91.289 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

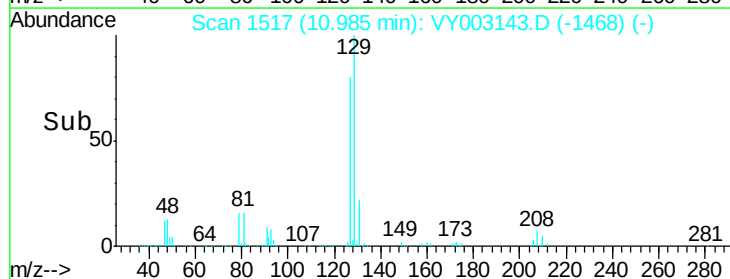
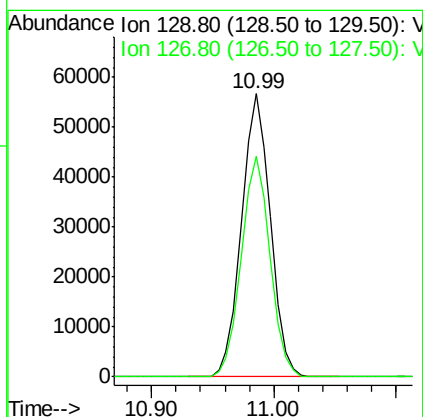
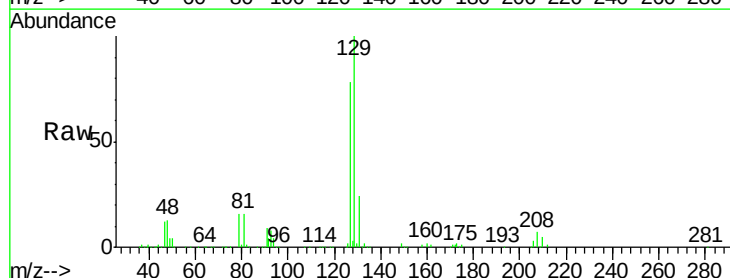
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

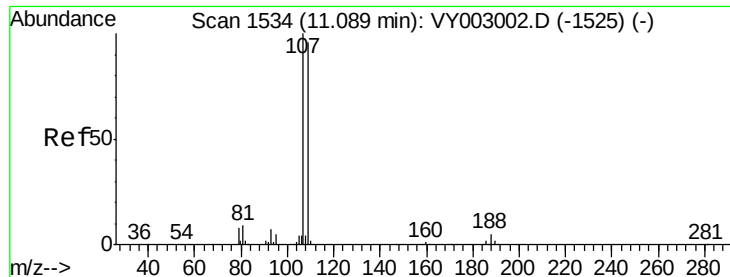
Tot Ion: 43 Resp: 227288
Ion Ratio Lower Upper
43 100
58 57.1 27.5 82.4



#60
Dibromochloromethane
Concen: 21.031 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 129 Resp: 92766
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

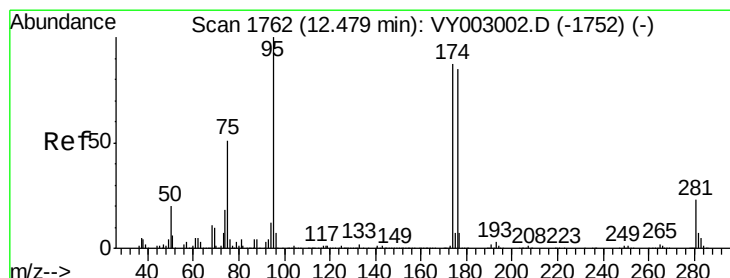
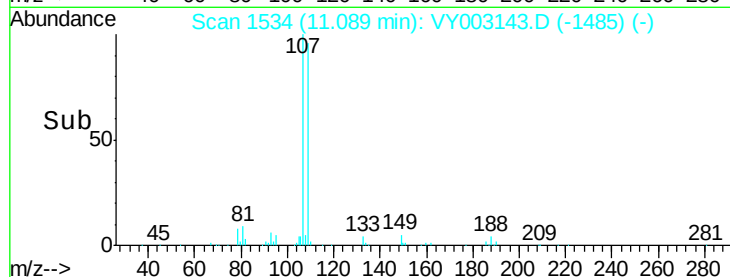
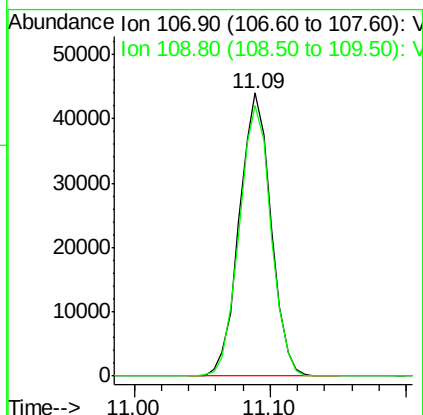
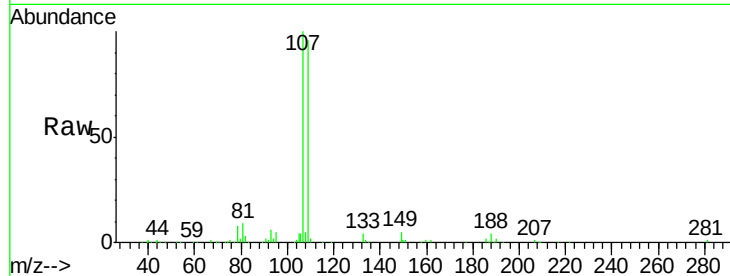




#61
 1,2-Dibromoethane
 Concen: 21.037 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

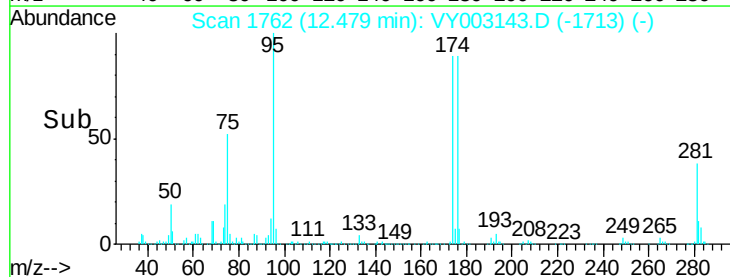
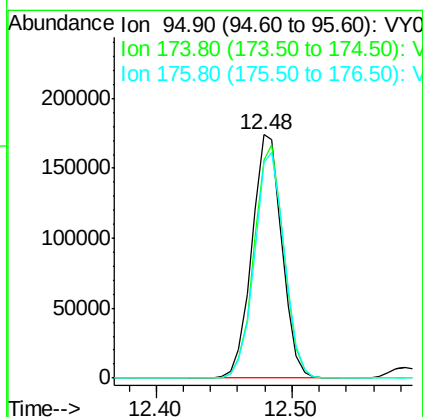
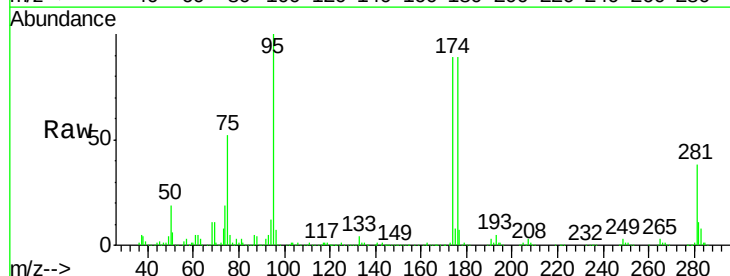
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

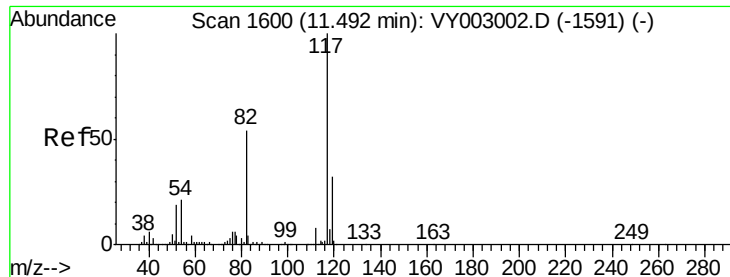
Tot Ion:107 Resp: 71484
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.701 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion: 95 Resp: 269862
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 184.8
 176 92.3 0.0 183.0

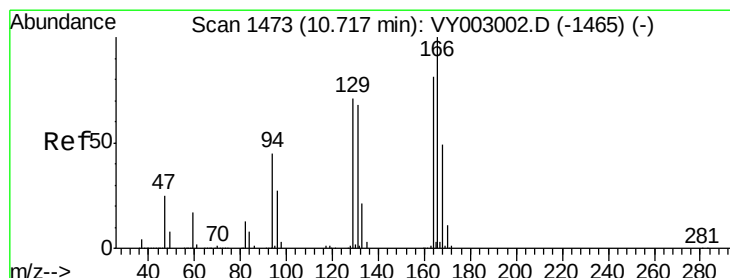
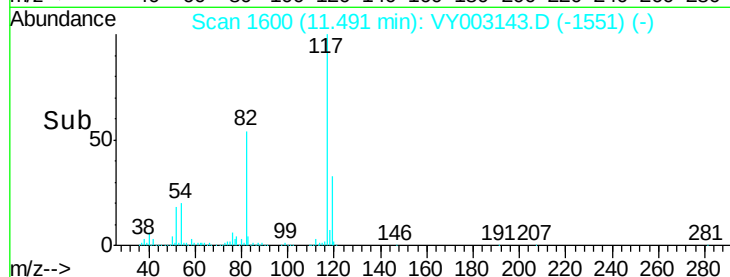
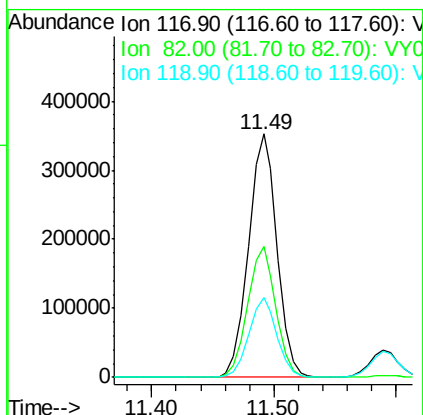
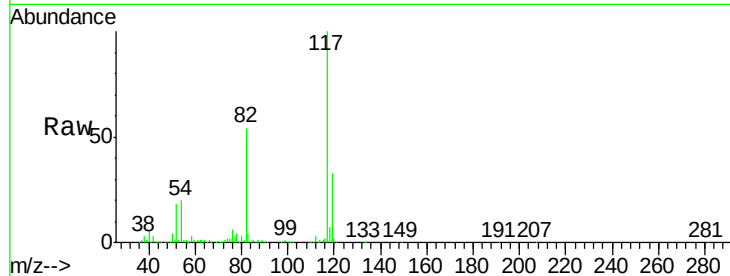




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

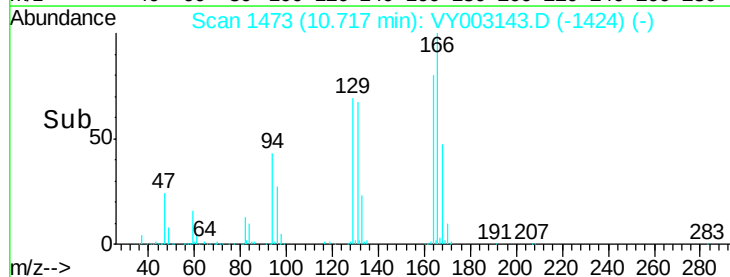
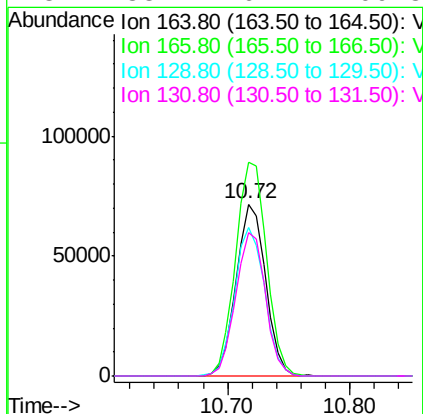
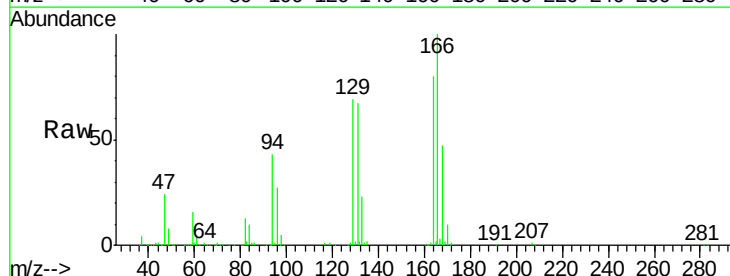
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

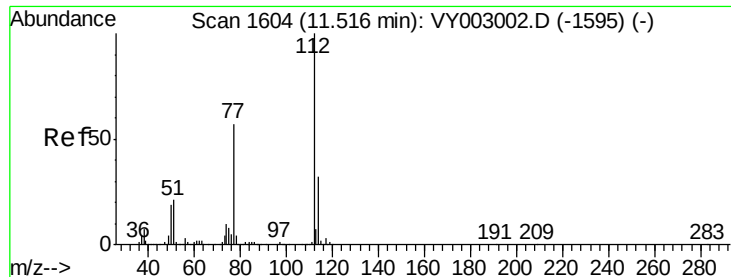
Tot Ion:117 Resp: 569195
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.6
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 24.767 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion:164 Resp: 119311
Ion Ratio Lower Upper
164 100
166 124.4 98.5 147.7
129 86.3 69.7 104.5
131 83.7 67.2 100.8

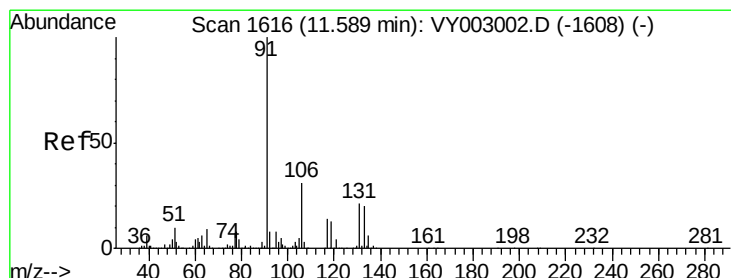
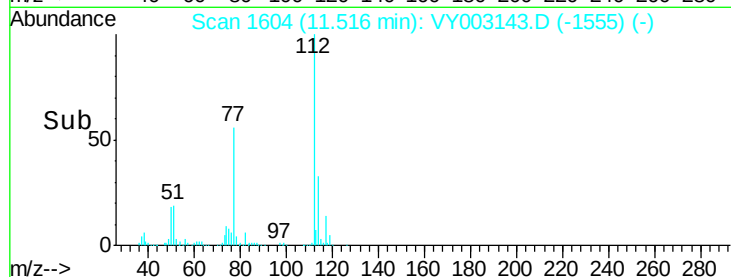
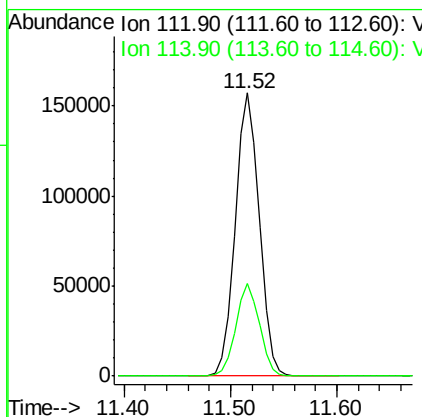
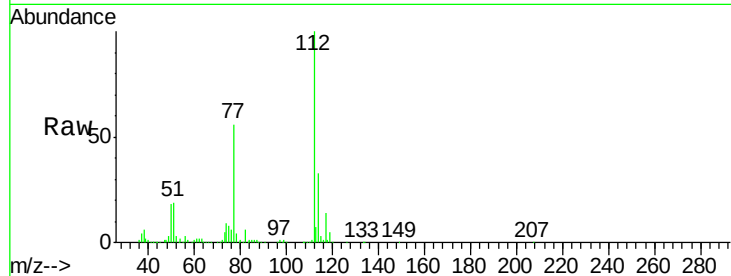




#65
Chlorobenzene
Concen: 22.155 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

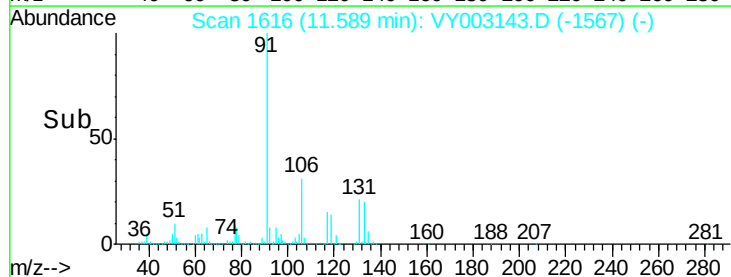
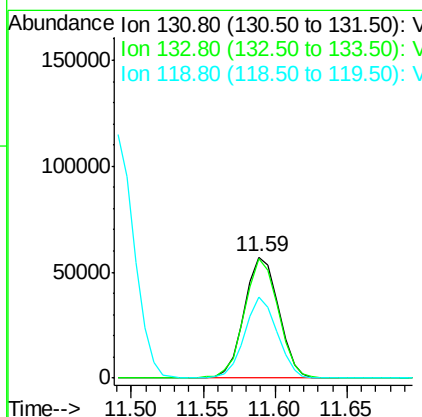
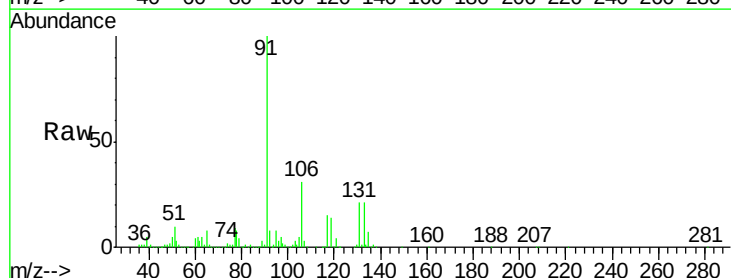
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

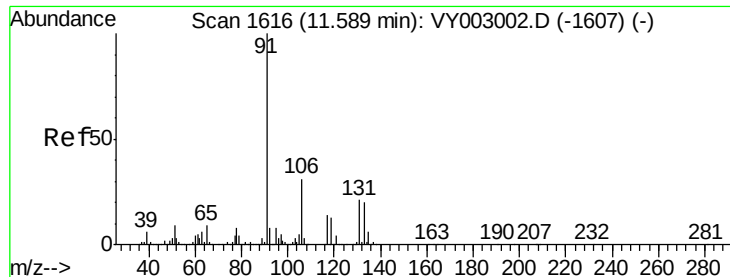
Tot Ion:112 Resp: 248661
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.551 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion:131 Resp: 94433
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.8
119 63.7 31.8 95.3

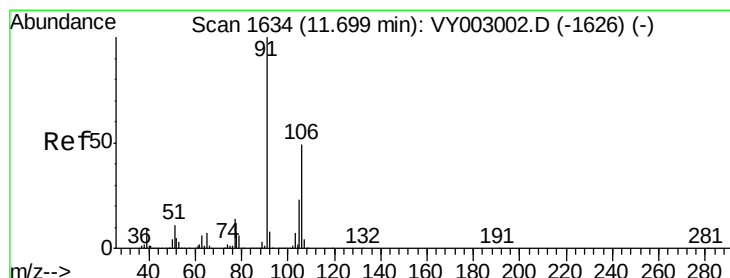
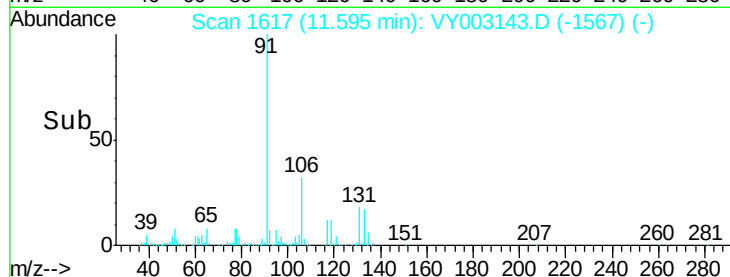
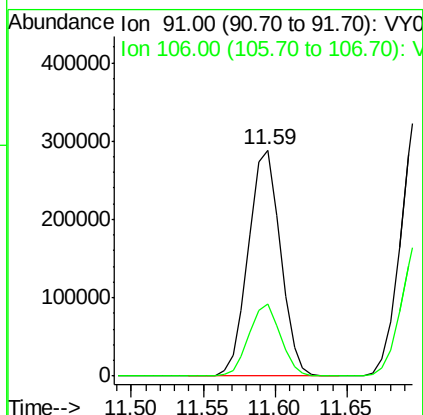
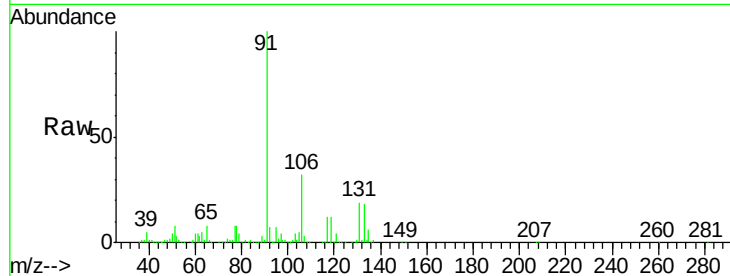




#67
Ethyl Benzene
Concen: 21.721 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

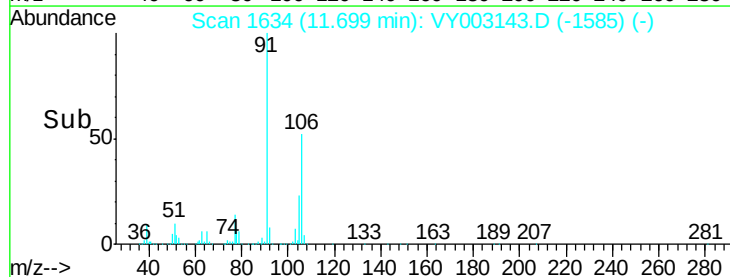
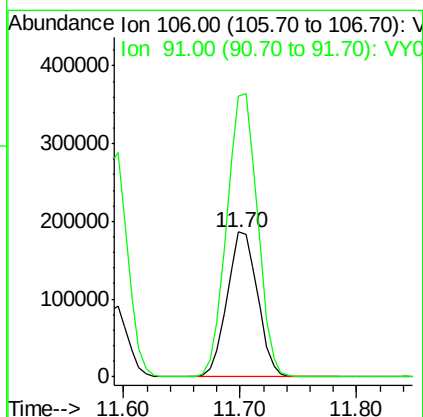
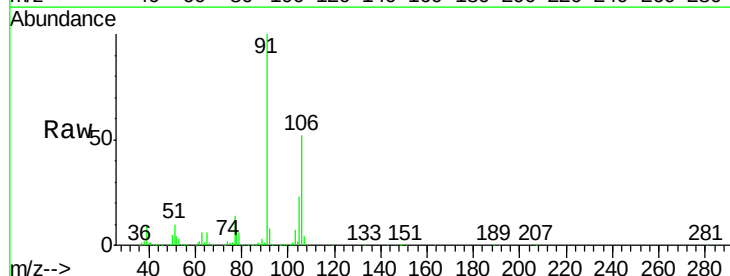
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

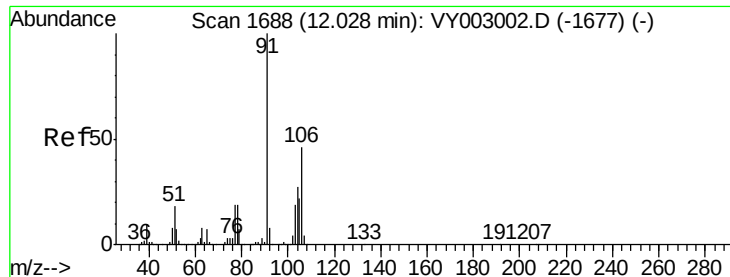
Tot Ion: 91 Resp: 445982
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 44.406 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 106 Resp: 339346
Ion Ratio Lower Upper
106 100
91 197.5 161.9 242.9

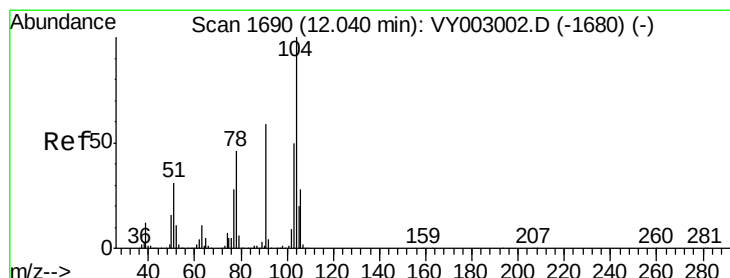
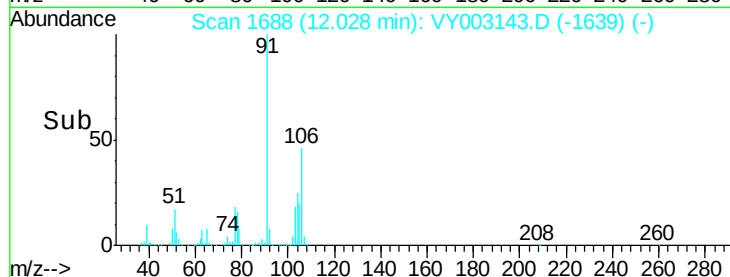
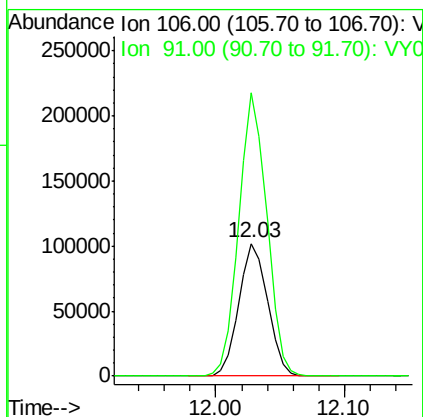
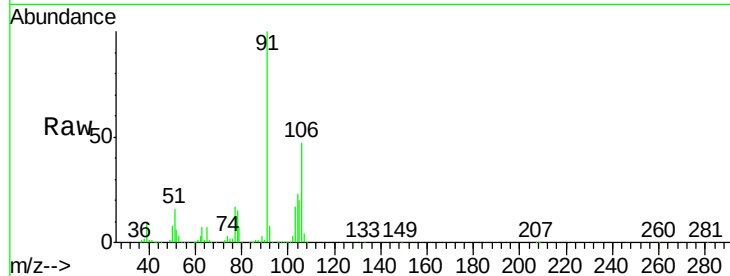




#69
o-Xylene
Concen: 21.917 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

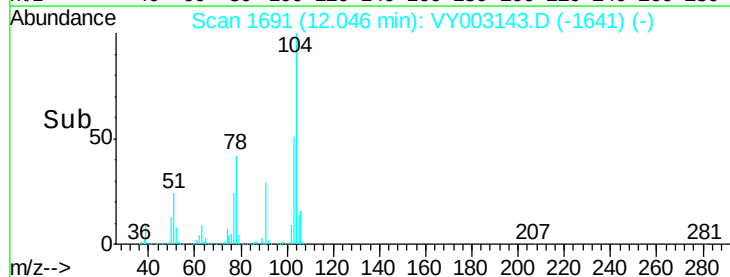
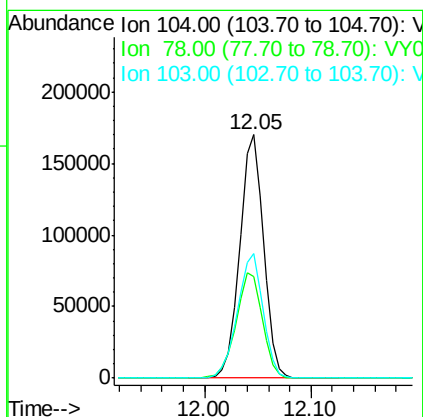
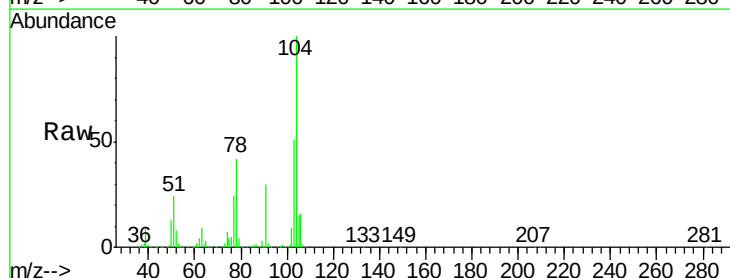
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

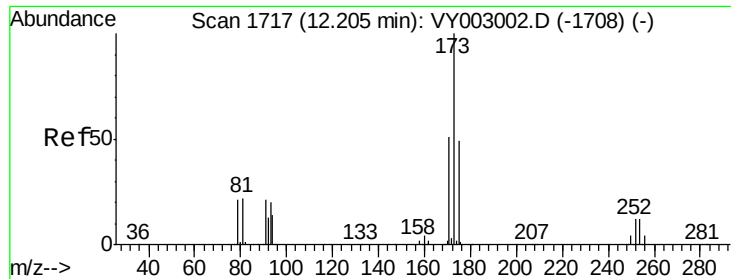
Tot Ion:106 Resp: 157829
Ion Ratio Lower Upper
106 100
91 207.9 107.9 323.8



#70
Styrene
Concen: 21.758 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion:104 Resp: 267671
Ion Ratio Lower Upper
104 100
78 48.0 40.4 60.6
103 55.2 44.1 66.1

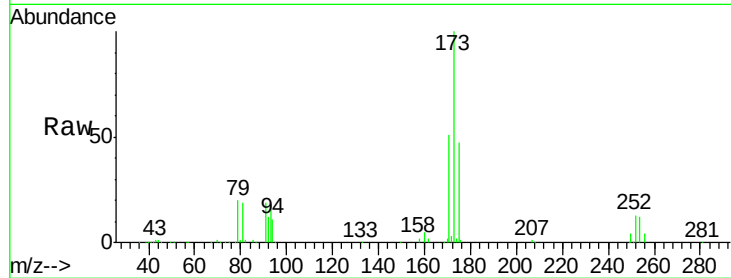




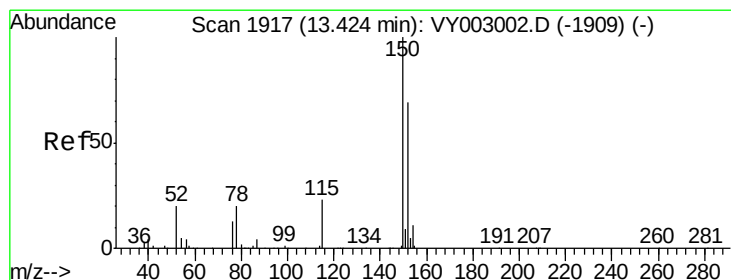
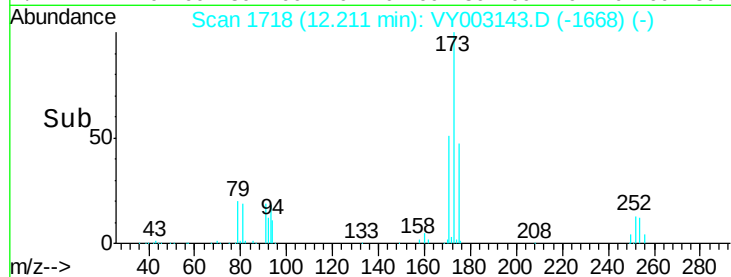
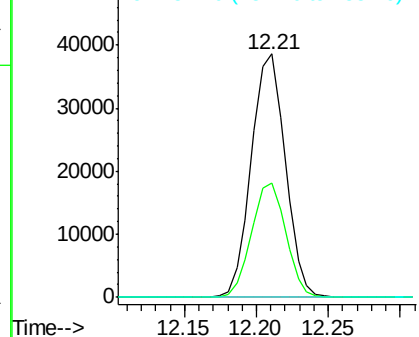
#71
Bromoform
Concen: 21.465 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

Tot Ion:173 Resp: 62717
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.2 0.2#

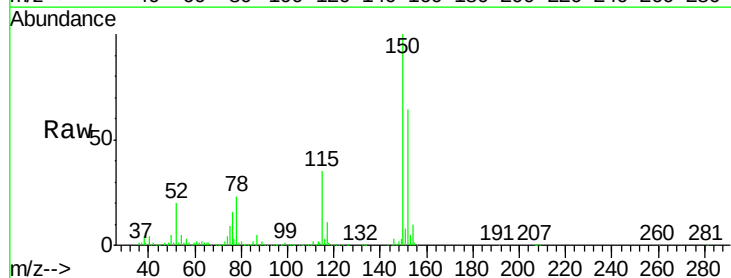


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

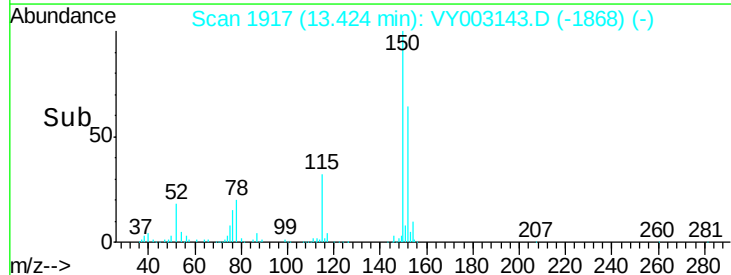
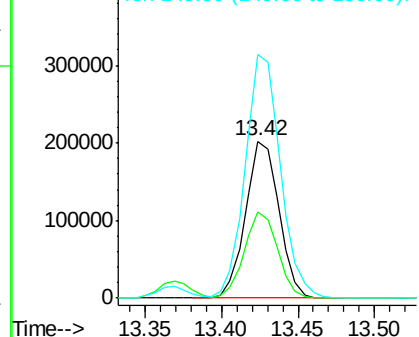


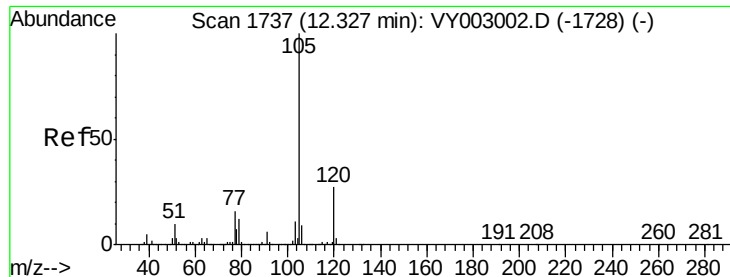
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion:152 Resp: 307744
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 162.9 0.0 343.4



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: 21.744 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

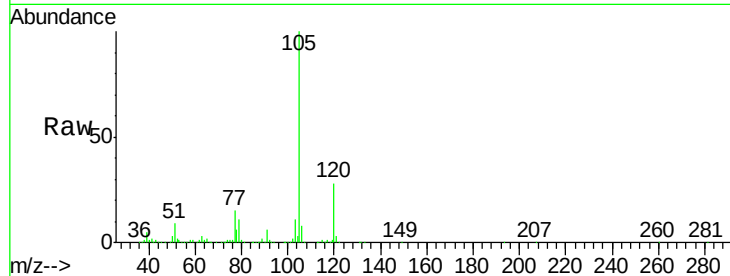
VY0709SBS01

Tot Ion:105 Resp: 437940

Ion Ratio Lower Upper

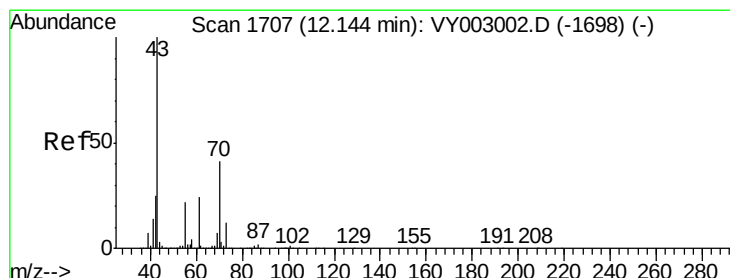
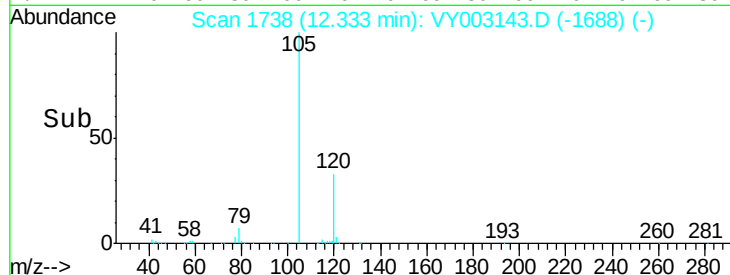
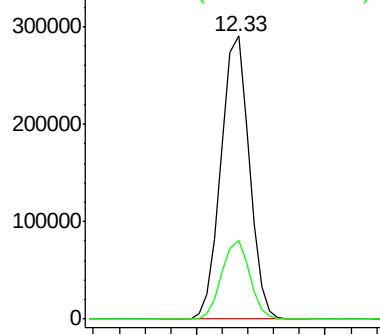
105 100

120 27.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.143 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Tgt Ion: 43 Resp: 118959

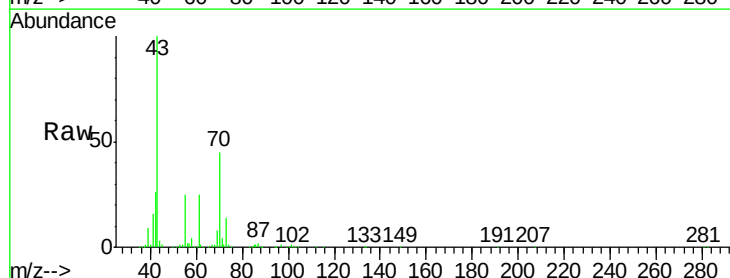
Ion Ratio Lower Upper

43 100

70 45.4 33.0 49.4

55 26.0 18.2 27.2

61 25.7 19.4 29.2

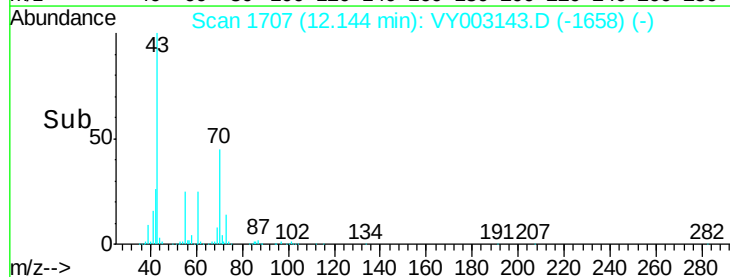
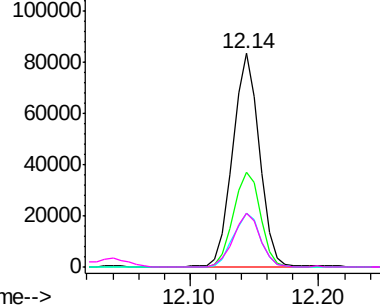


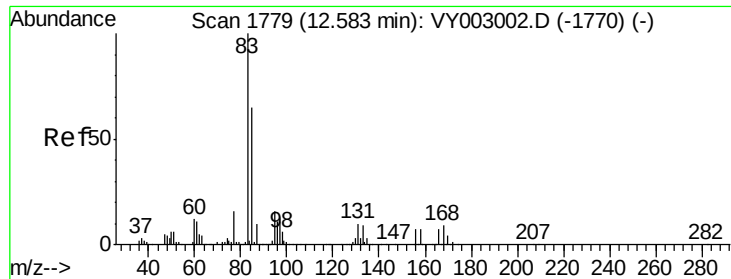
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 19.702 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

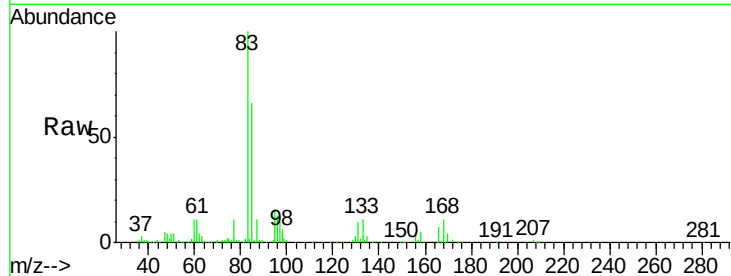
Tot Ion: 83 Resp: 80076

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

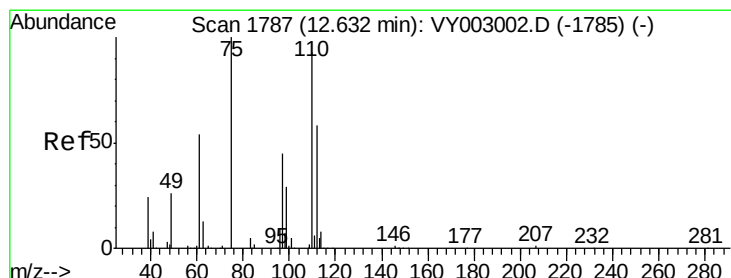
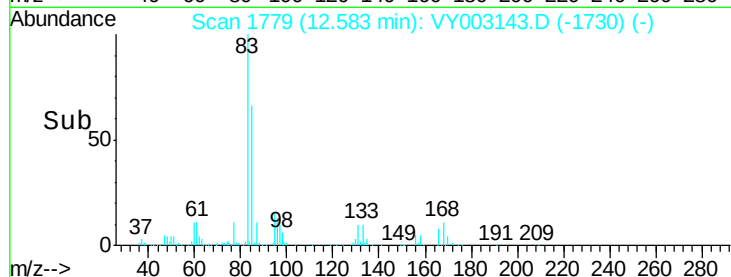
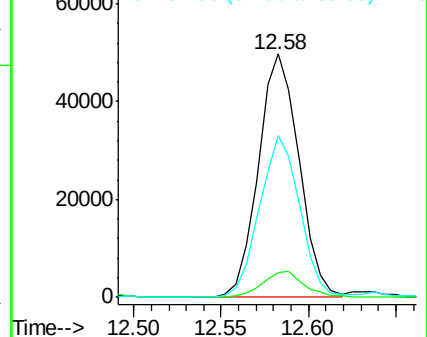
85 65.9 32.1 96.3



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: 37.398 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003143.D

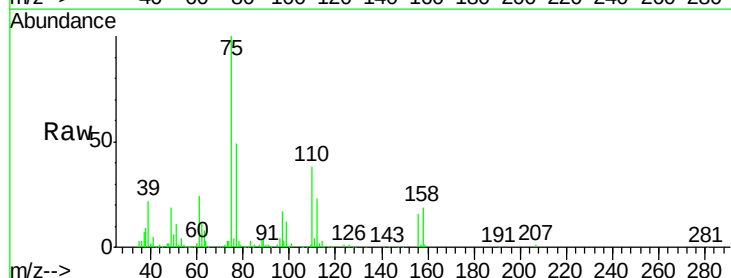
Acq: 09 Jul 2020 13:44

Tgt Ion: 75 Resp: 113903

Ion Ratio Lower Upper

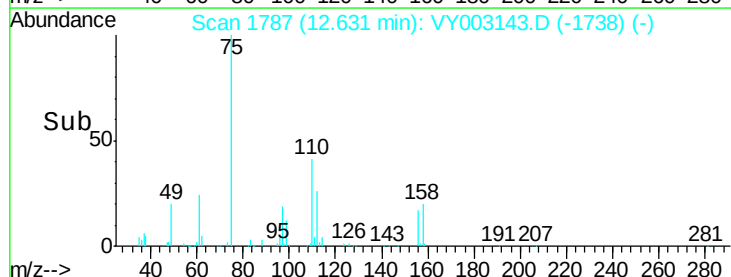
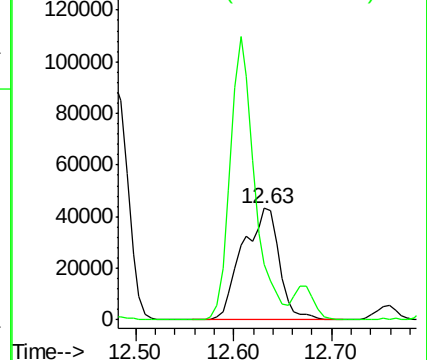
75 100

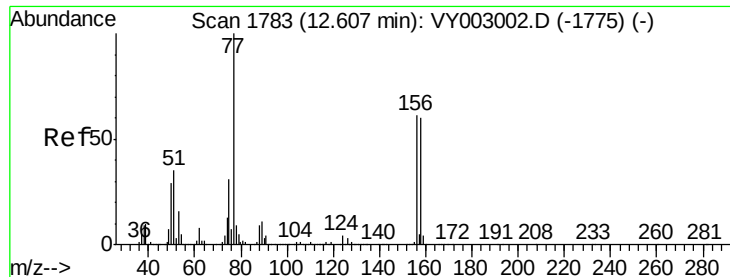
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.622 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

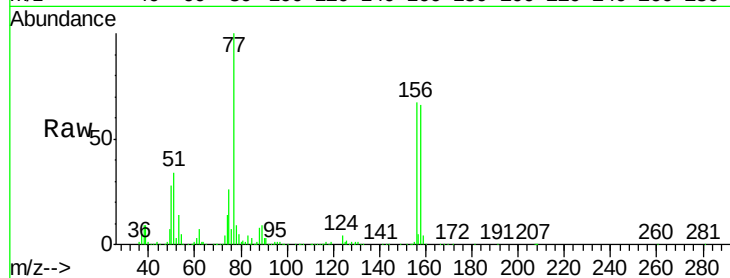
Tot Ion:156 Resp: 111654

Ion Ratio Lower Upper

156 100

77 171.7 90.0 270.0

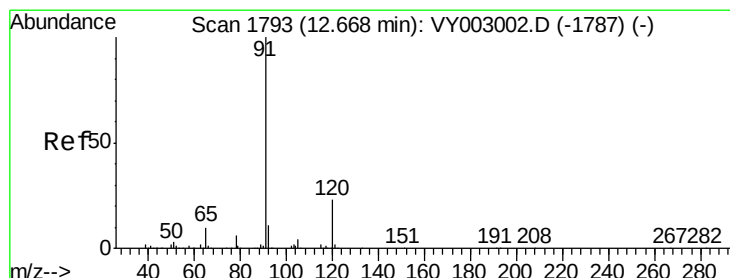
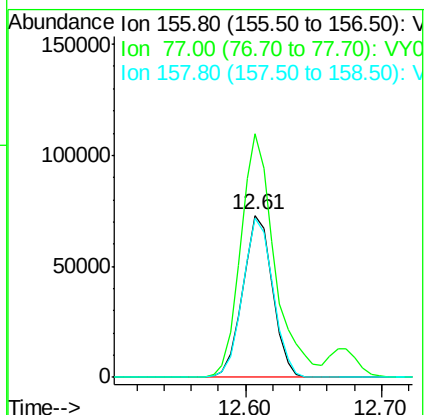
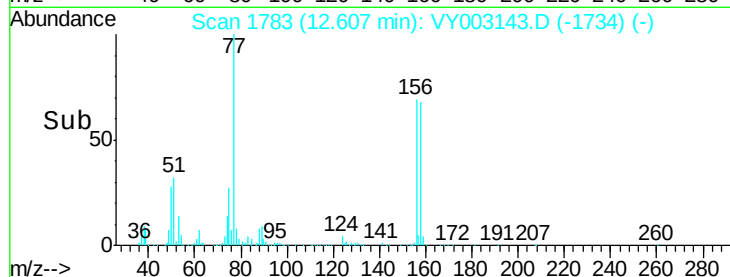
158 100.0 48.5 145.5



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: 21.640 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY003143.D

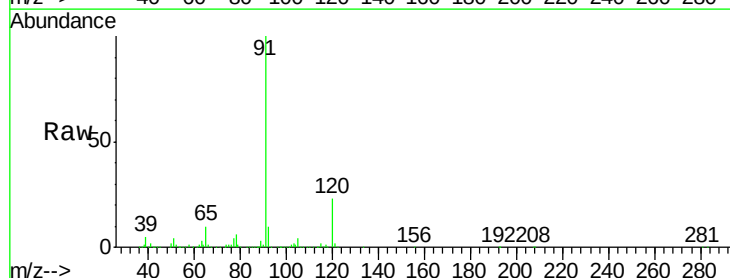
Acq: 09 Jul 2020 13:44

Tgt Ion: 91 Resp: 524150

Ion Ratio Lower Upper

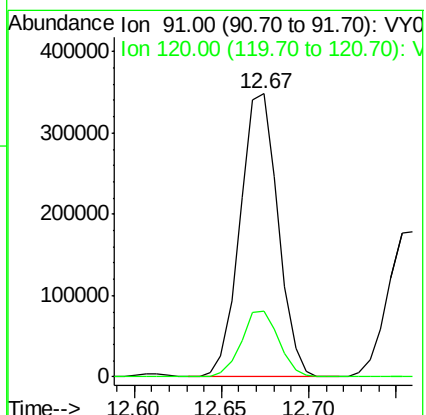
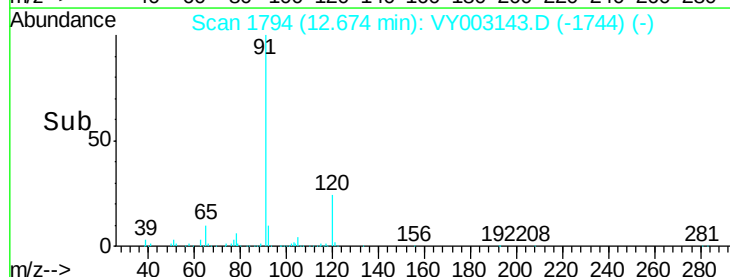
91 100

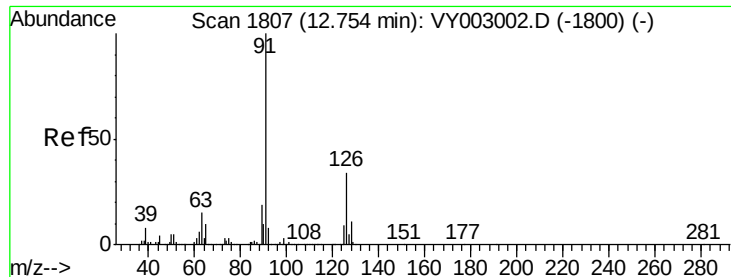
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.047 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

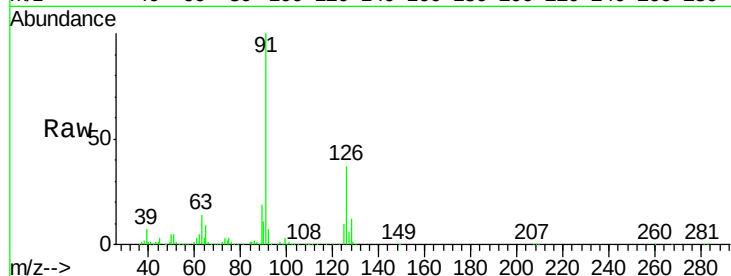
VY0709SBS01

Tot Ion: 91 Resp: 284552

Ion Ratio Lower Upper

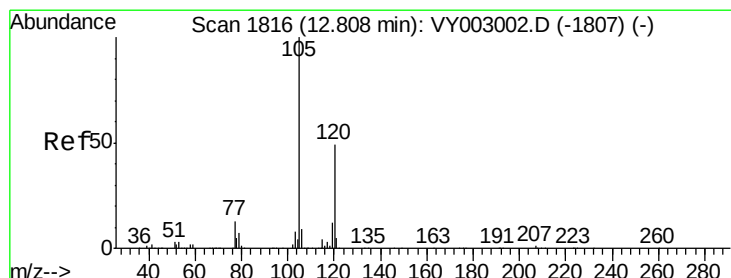
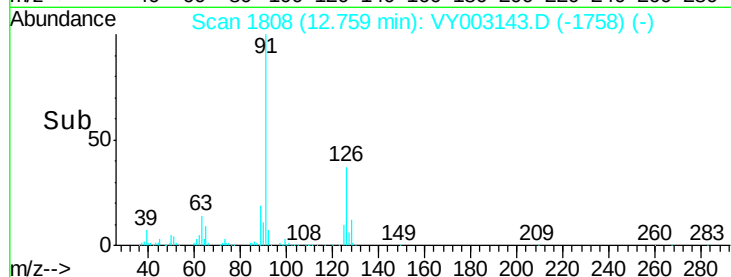
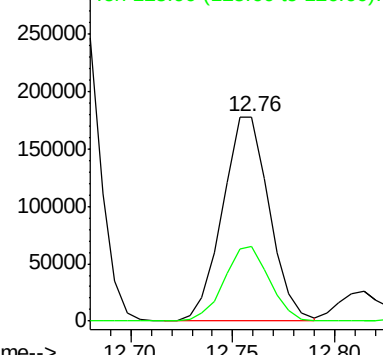
91 100

126 35.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.719 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003143.D

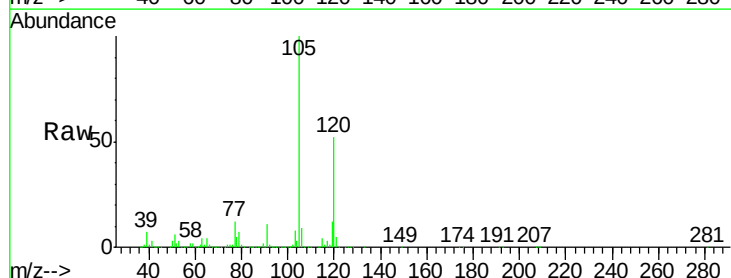
Acq: 09 Jul 2020 13:44

Tgt Ion: 105 Resp: 367077

Ion Ratio Lower Upper

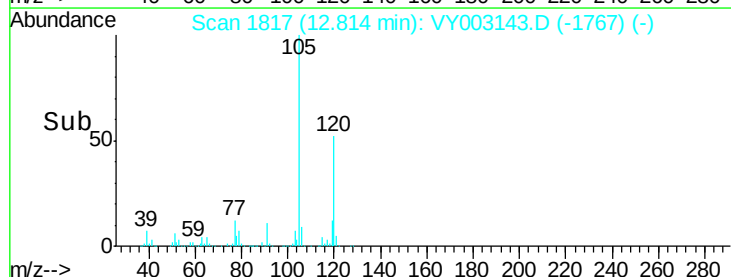
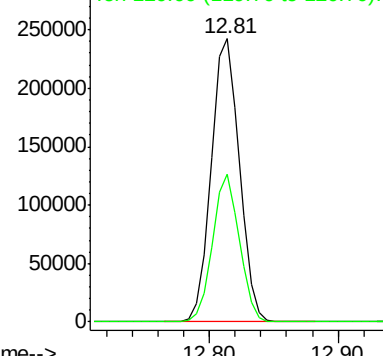
105 100

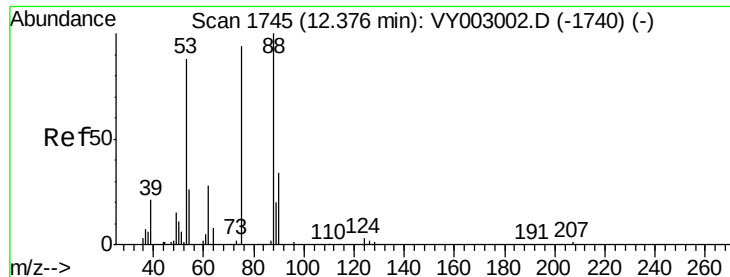
120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

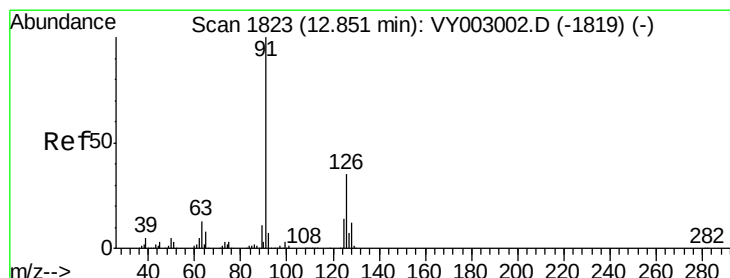
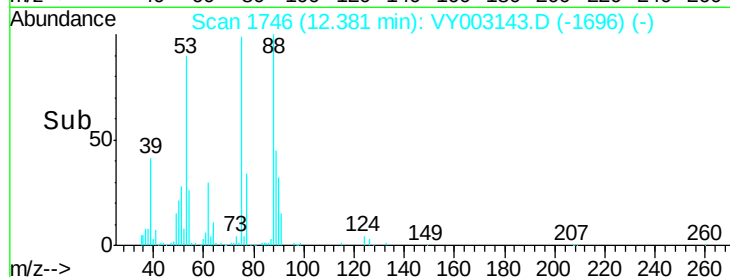
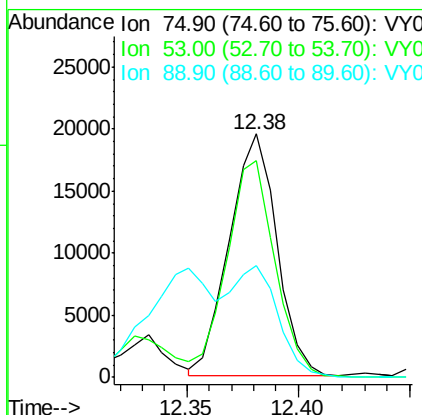
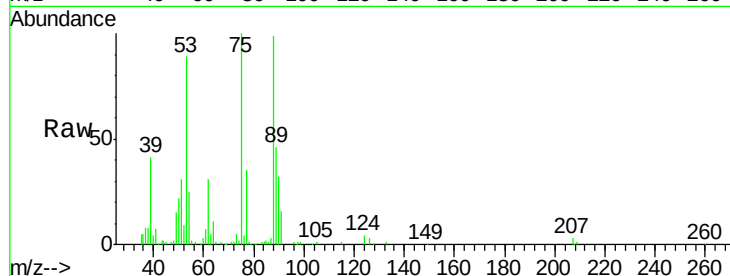




#81
trans-1,4-Dichloro-2-butene
Concen: 18.443 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

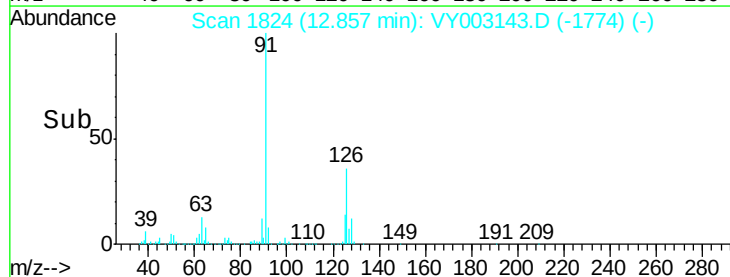
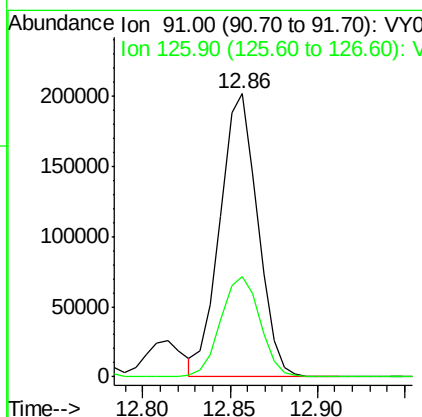
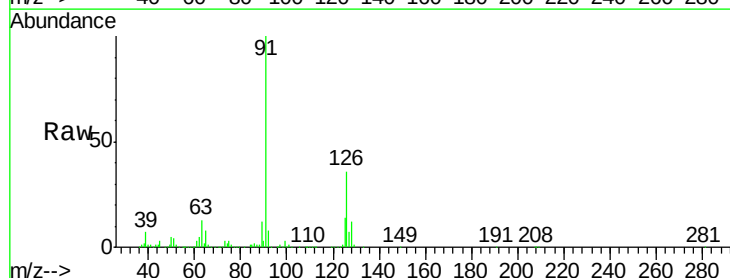
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

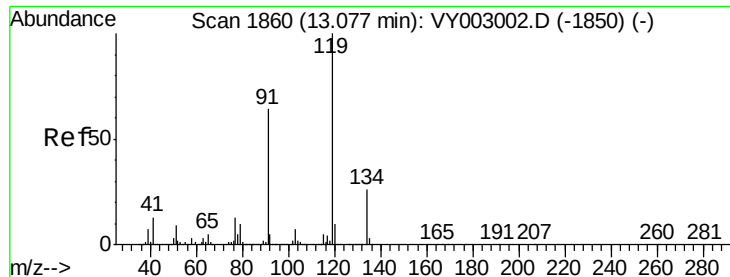
Tot Ion: 75 Resp: 28872
Ion Ratio Lower Upper
75 100
53 91.4 73.9 110.9
89 46.8 37.5 56.3



#82
4-Chlorotoluene
Concen: 21.534 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 91 Resp: 303119
Ion Ratio Lower Upper
91 100
126 36.7 17.4 52.3

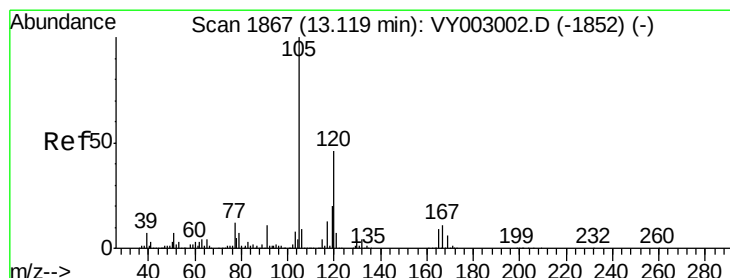
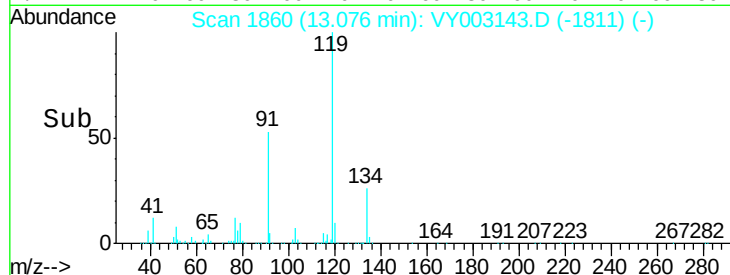
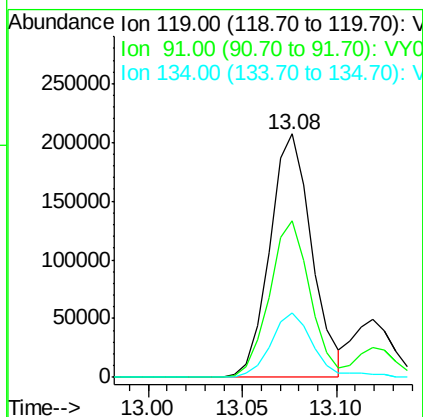
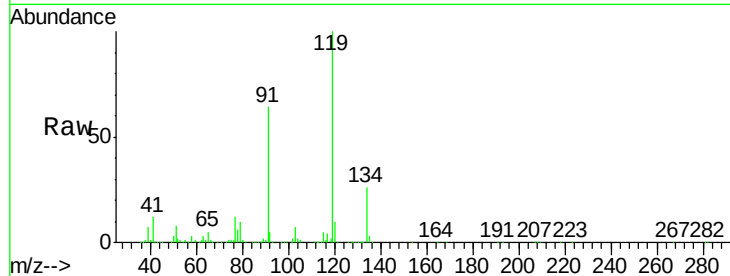




#83
 tert-Butylbenzene
 Concen: 21.506 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

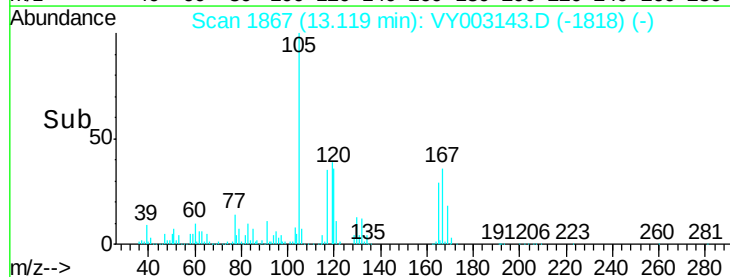
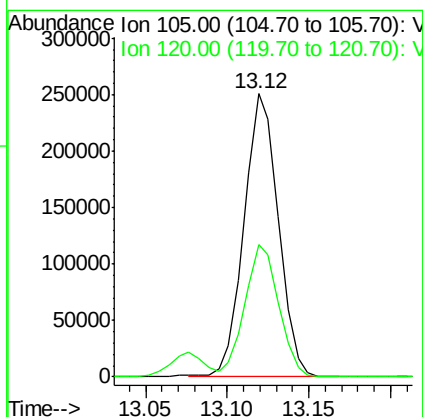
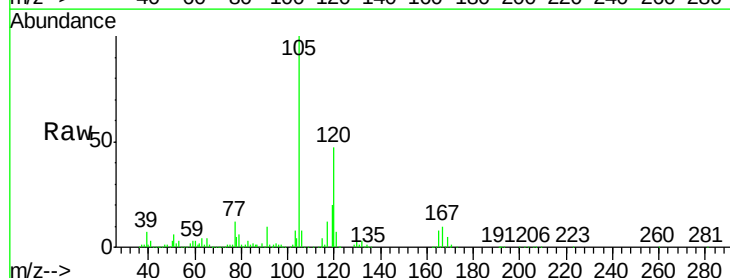
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

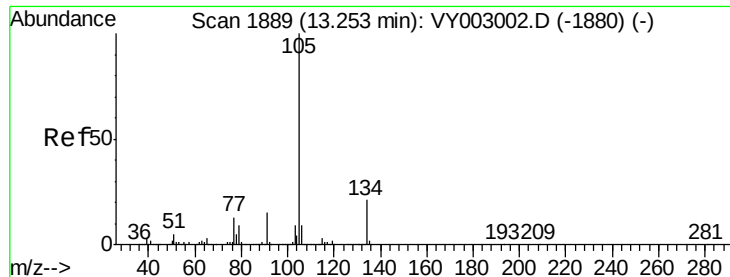
Tot Ion:119 Resp: 319160
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.6 95.0
 134 27.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.543 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion:105 Resp: 366873
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 22.061 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

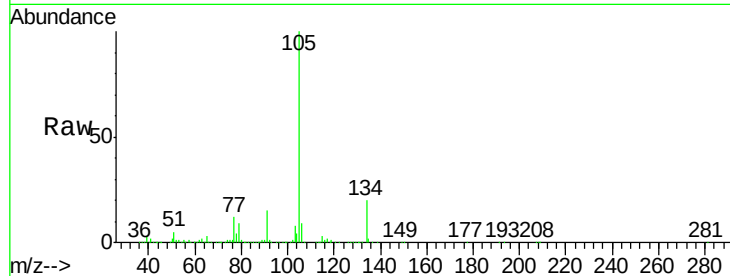
VY0709SBS01

Tot Ion:105 Resp: 451251

Ion Ratio Lower Upper

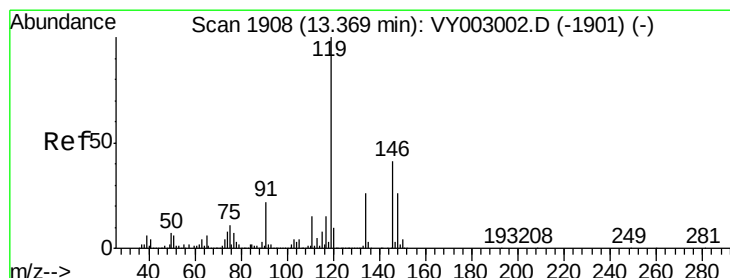
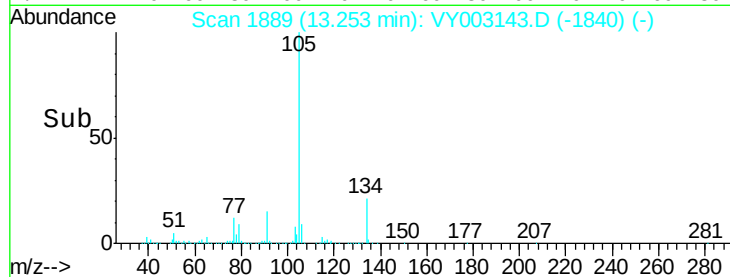
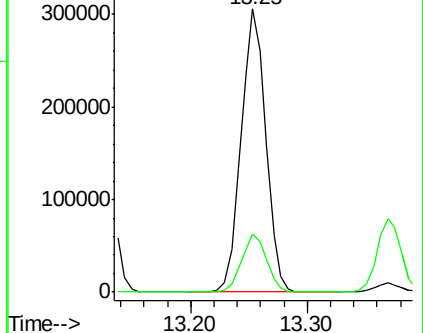
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.963 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

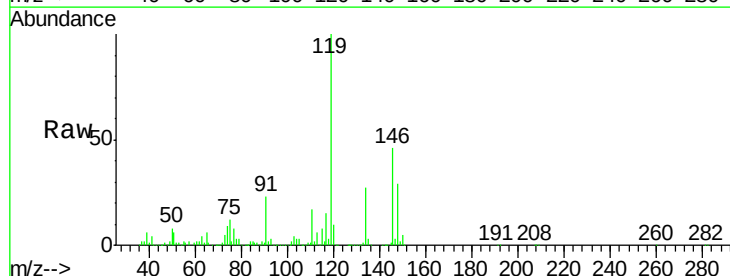
Tgt Ion:119 Resp: 416288

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

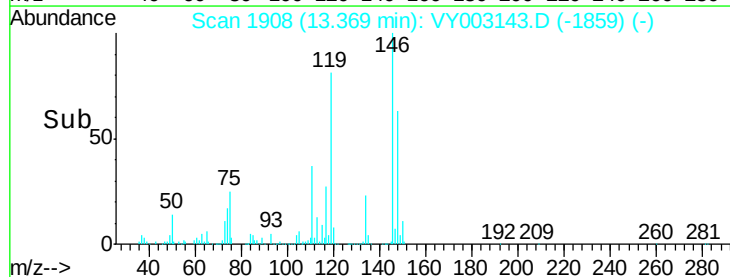
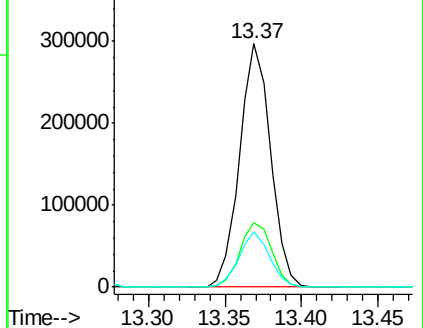
91 22.3 11.5 34.5

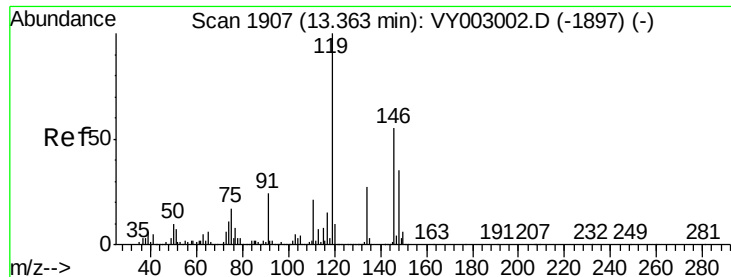


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 22.094 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003143.D

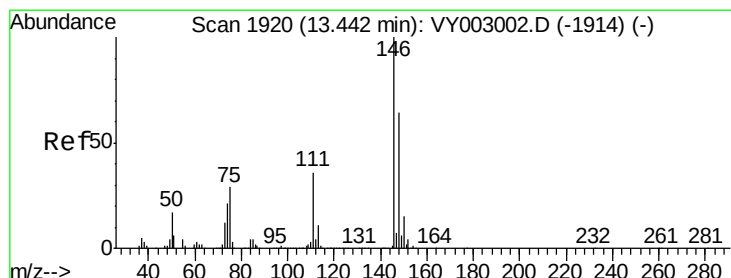
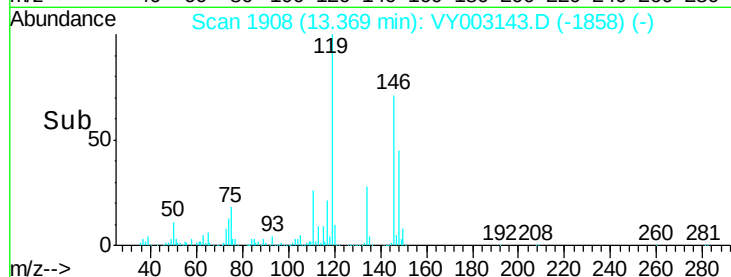
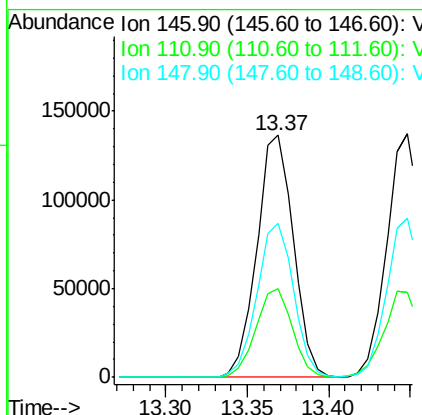
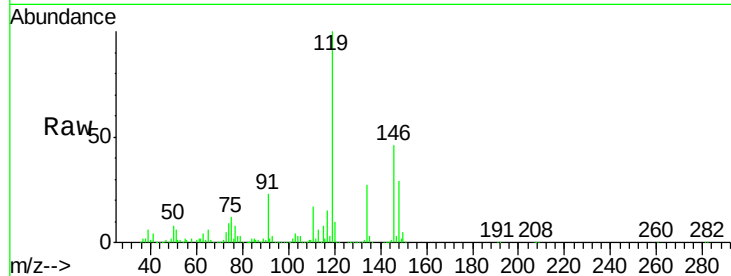
Acq: 09 Jul 2020 13:44

Instrument :
MSVOA_Y

ClientSampleId :
VY0709SBS01

Tot Ion:146 Resp: 213006

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.8	56.3
148	63.6	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 22.023 ug/l

RT: 13.45 min Scan# 1921

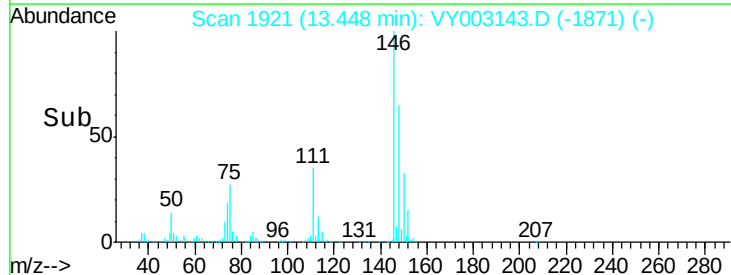
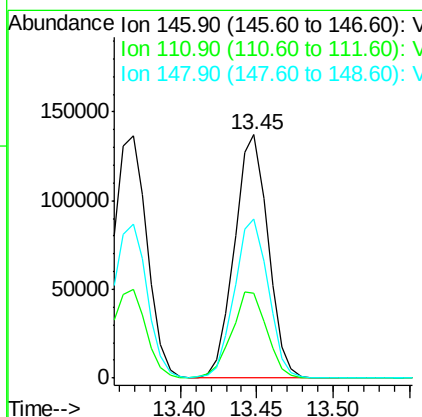
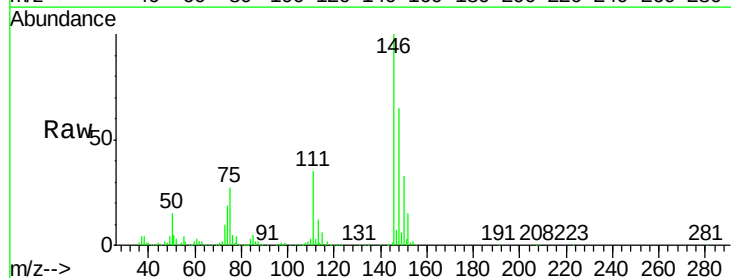
Delta R.T. 0.01 min

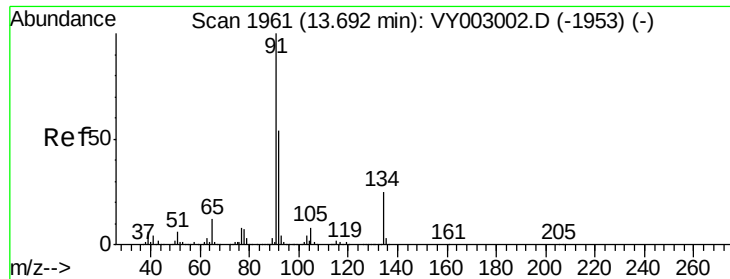
Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Tgt Ion:146 Resp: 209369

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	65.7	32.3	96.9

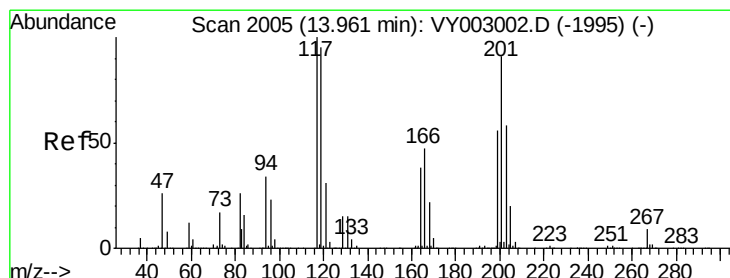
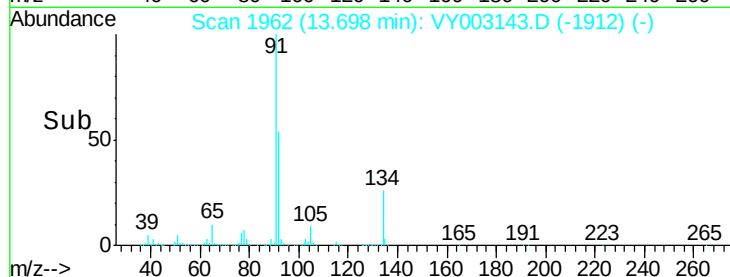
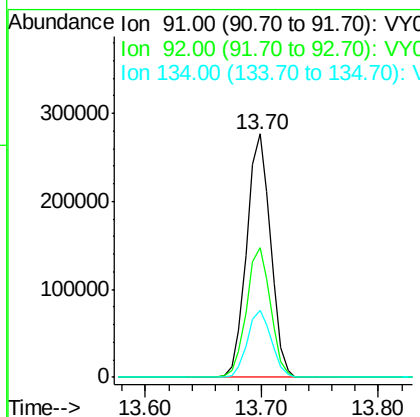
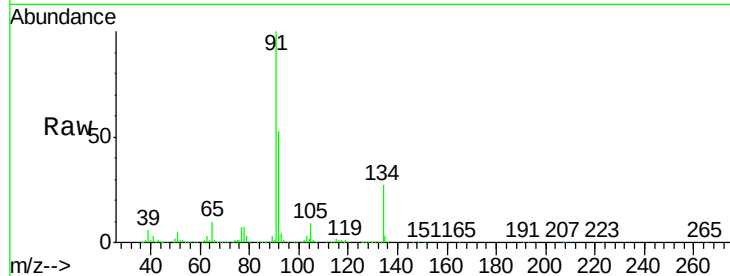




#89
n-Butylbenzene
Concen: 21.973 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

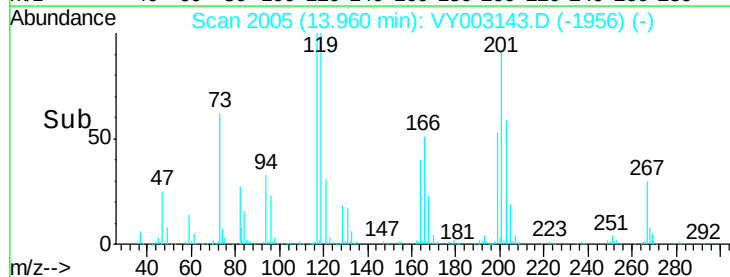
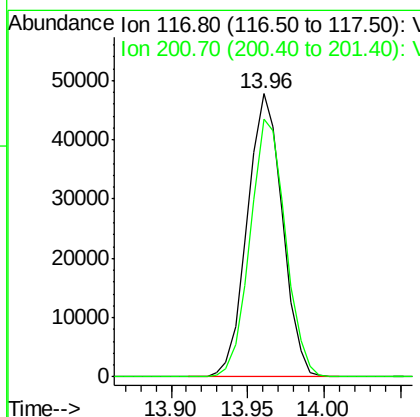
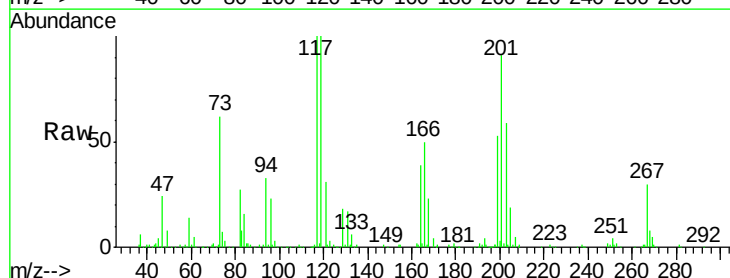
Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBS01

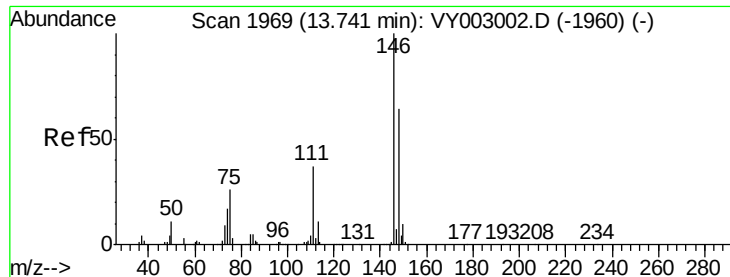
Tot Ion: 91 Resp: 398481
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 27.5 13.1 39.1



#90
Hexachloroethane
Concen: 20.283 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003143.D
Acq: 09 Jul 2020 13:44

Tgt Ion: 117 Resp: 76340
Ion Ratio Lower Upper
117 100
201 91.7 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 21.731 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

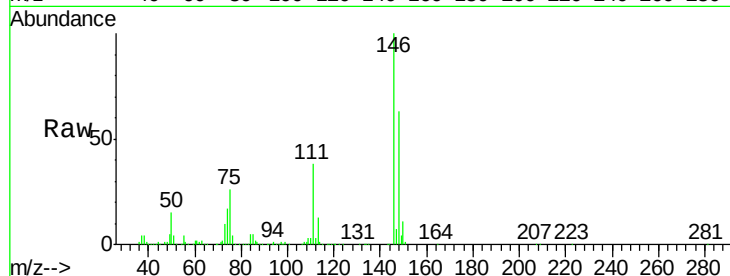
Tot Ion:146 Resp: 187977

Ion Ratio Lower Upper

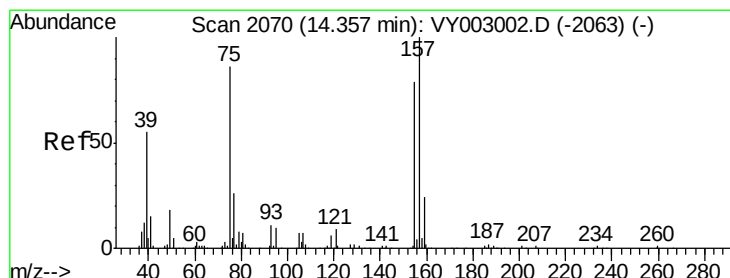
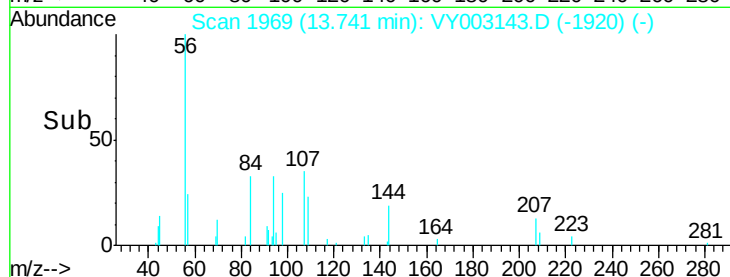
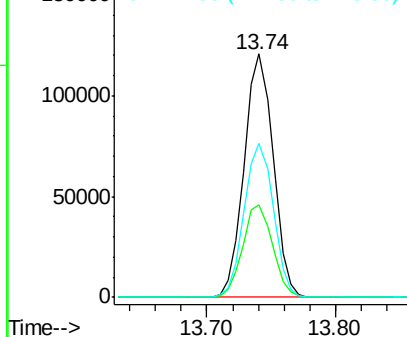
146 100

111 39.0 19.1 57.5

148 63.8 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.670 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

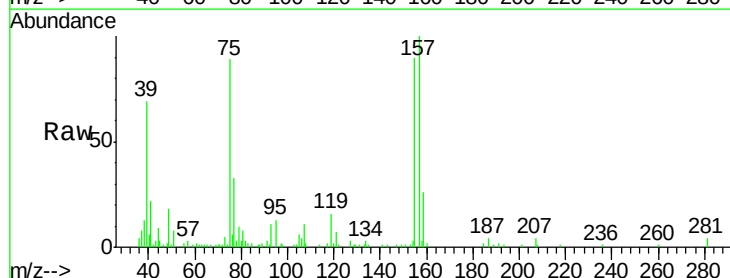
Tgt Ion: 75 Resp: 13433

Ion Ratio Lower Upper

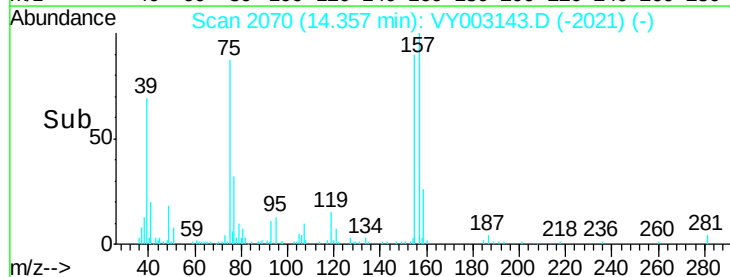
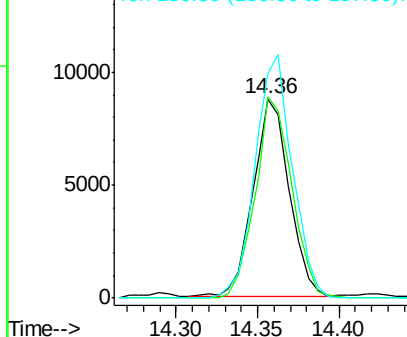
75 100

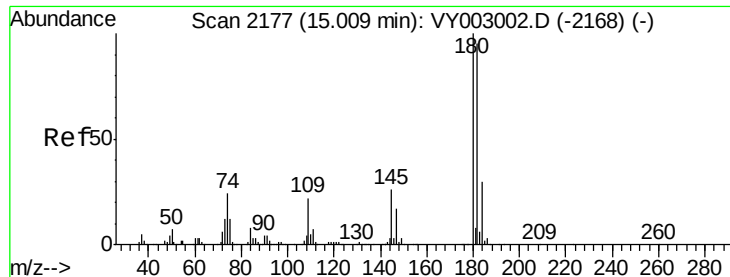
155 103.1 46.5 139.3

157 126.5 59.2 177.5



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

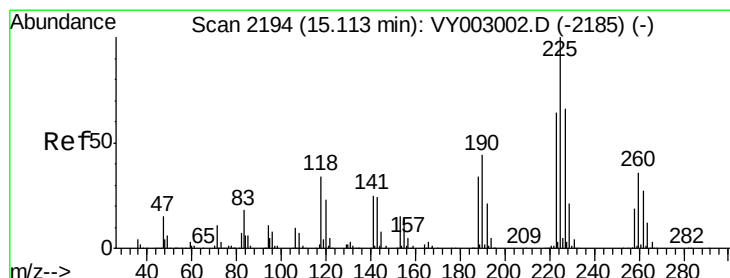
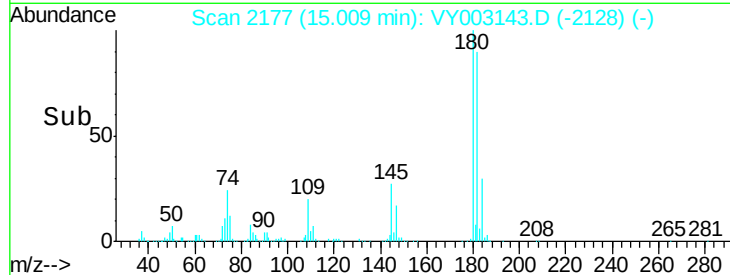
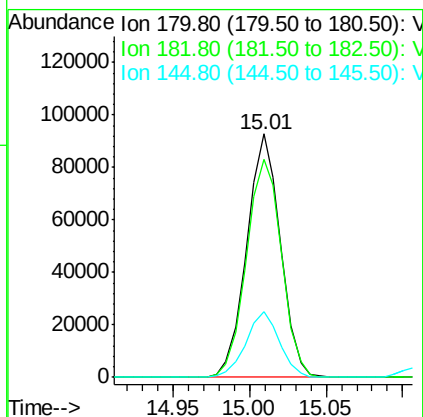
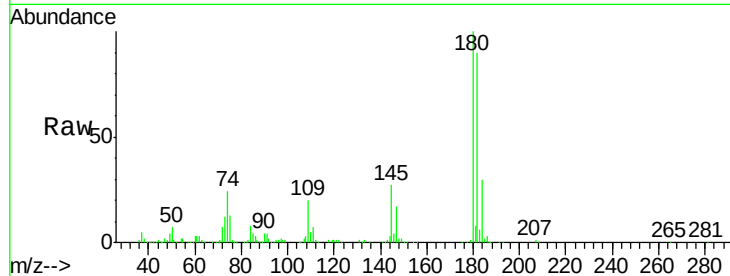




#93
 1,2,4-Trichlorobenzene
 Concen: 21.995 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

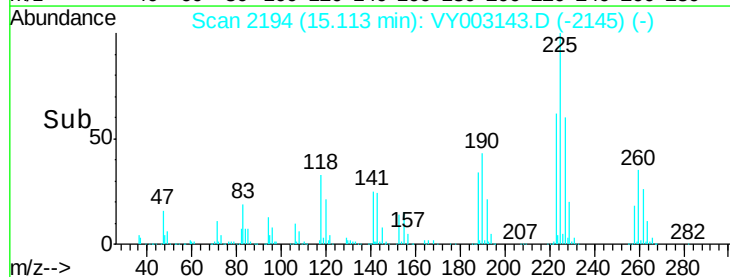
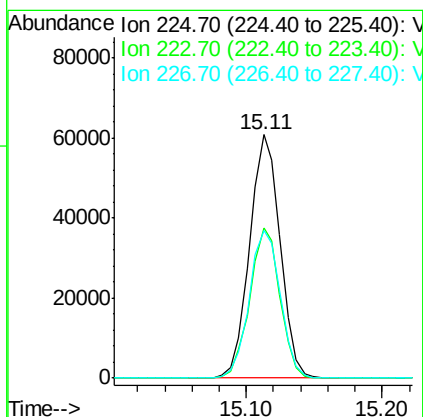
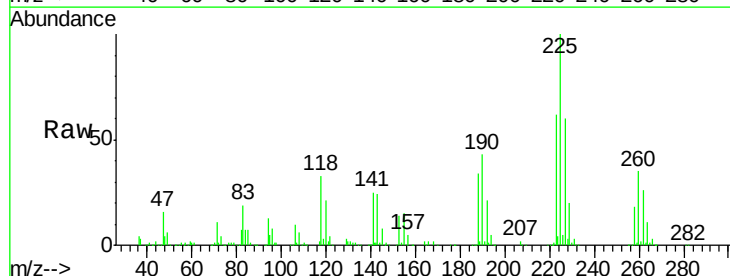
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBS01

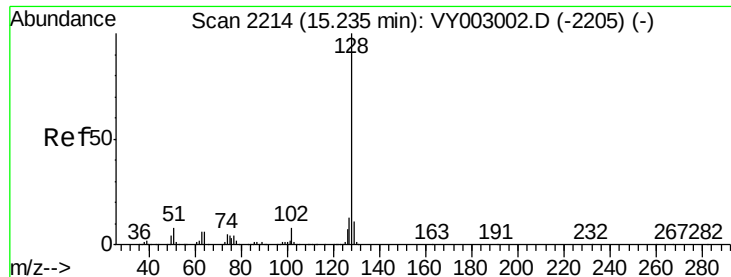
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.1	144.3
145	26.9	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 23.553 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003143.D
 Acq: 09 Jul 2020 13:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	32.4	97.0
227	61.8	32.4	97.2





#95

Naphthalene

Concen: 20.199 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0709SBS01

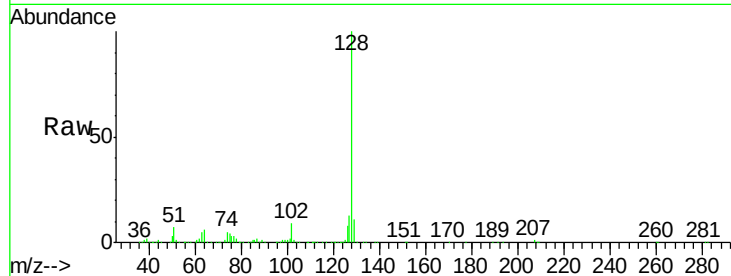
Tot Ion:128 Resp: 237133

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

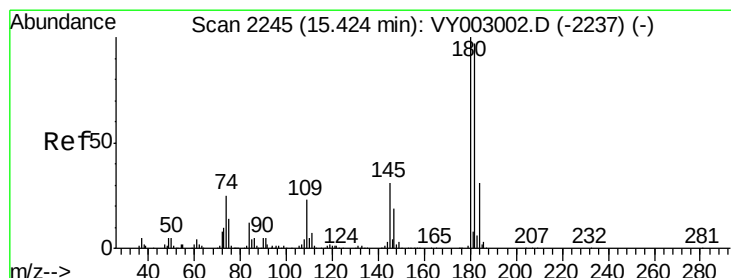
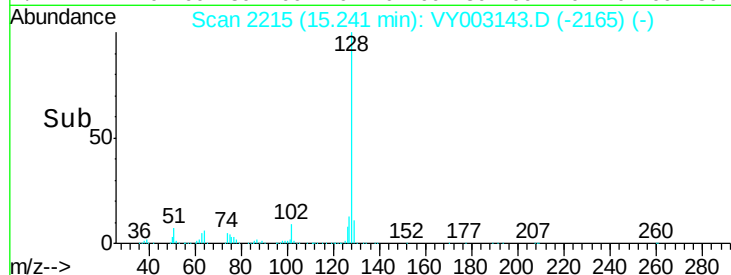
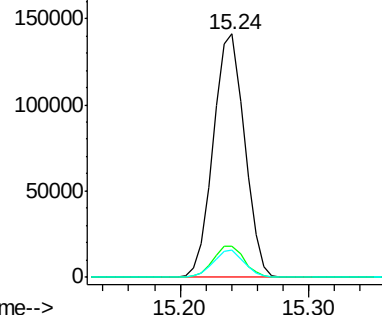
129 10.9 8.8 13.2



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: 20.977 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VY003143.D

Acq: 09 Jul 2020 13:44

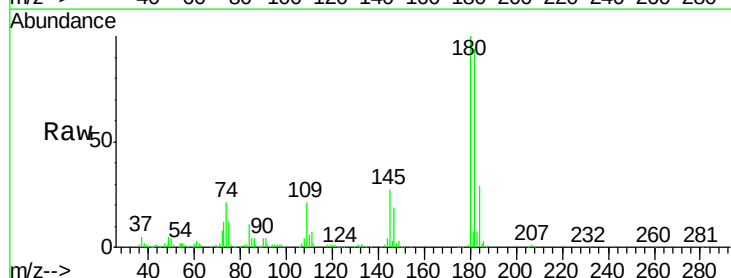
Tgt Ion:180 Resp: 117077

Ion Ratio Lower Upper

180 100

182 93.3 47.8 143.3

145 27.7 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

