

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002702.D
 Acq On : 18 May 2020 11:43
 Operator : SY/MD
 Sample : VY0518SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

Quant Time: May 19 00:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	335873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	490859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	451689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133885	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.72	113	141351	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.18	98	576217	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.48	95	191716	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	48280	20.060	ug/l	99
3) Chloromethane	2.12	50	58265	21.138	ug/l	99
4) Vinyl Chloride	2.26	62	58956	20.527	ug/l	95
5) Bromomethane	2.65	94	44831	21.059	ug/l	97
6) Chloroethane	2.79	64	38141	20.766	ug/l	96
7) Trichlorofluoromethane	3.13	101	100653	20.794	ug/l	99
8) Diethyl Ether	3.54	74	33026	20.057	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60291	20.548	ug/l	99
10) Methyl Iodide	4.10	142	79759	19.749	ug/l	99
11) Tert butyl alcohol	4.96	59	23988	89.906	ug/l	99
12) 1,1-Dichloroethene	3.88	96	59548	20.213	ug/l	96
13) Acrolein	3.74	56	29666	94.797	ug/l	100
14) Allyl chloride	4.49	41	84375	19.949	ug/l	99
15) Acrylonitrile	5.18	53	73842	99.041	ug/l	99
16) Acetone	3.96	43	51591	95.258	ug/l	95
17) Carbon Disulfide	4.20	76	185430	20.066	ug/l	99
18) Methyl Acetate	4.49	43	30298	19.620	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	146759	20.083	ug/l	100
20) Methylene Chloride	4.72	84	63256	19.322	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	66013	20.151	ug/l	98
22) Diisopropyl ether	6.13	45	169794	20.234	ug/l	99
23) Vinyl Acetate	6.07	43	530530	98.737	ug/l	99
24) 1,1-Dichloroethane	6.03	63	102909	20.523	ug/l	98
25) 2-Butanone	6.99	43	85684	95.620	ug/l	99
26) 2,2-Dichloropropane	6.99	77	95050	20.373	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	71837	20.294	ug/l	99
28) Bromochloromethane	7.35	49	41432	20.887	ug/l	98
29) Tetrahydrofuran	7.35	42	59057	96.864	ug/l	100
30) Chloroform	7.52	83	105131	20.201	ug/l	99
31) Cyclohexane	7.79	56	101503	19.959	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	98979	20.584	ug/l	99
36) 1,1-Dichloropropene	7.93	75	85755	20.637	ug/l	99
37) Ethyl Acetate	7.08	43	39952	19.548	ug/l	98
38) Carbon Tetrachloride	7.91	117	95504	21.385	ug/l	99

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 Data File : VY002702.D
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 Operator : SY/MD
 Sample : VY0518SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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Quant Time: May 19 00:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	112799	20.188	ug/l	99
40) Benzene	8.17	78	250629	20.671	ug/l	99
41) Methacrylonitrile	7.33	41	23630m	19.244	ug/l	
42) 1,2-Dichloroethane	8.25	62	65545	20.497	ug/l	99
43) Isopropyl Acetate	8.28	43	74029	19.490	ug/l	98
44) Trichloroethene	8.94	130	81186	21.007	ug/l	97
45) 1,2-Dichloropropane	9.22	63	58141	20.205	ug/l	96
46) Dibromomethane	9.31	93	33262	20.574	ug/l	100
47) Bromodichloromethane	9.50	83	81744	20.717	ug/l	94
48) Methyl methacrylate	9.30	41	33302	19.042	ug/l	96
49) 1,4-Dioxane	9.30	88	8946	406.288	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	195008	99.441	ug/l	98
52) Toluene	10.25	92	162773	20.745	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	86555	20.553	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	100213	20.526	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	49318	20.490	ug/l	99
56) Ethyl methacrylate	10.51	69	63934	19.953	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81899	20.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154903	97.925	ug/l	99
59) 2-Hexanone	10.83	43	134915	98.748	ug/l	99
60) Dibromochloromethane	10.99	129	63723	20.724	ug/l	99
61) 1,2-Dibromoethane	11.09	107	49083	20.698	ug/l	99
64) Tetrachloroethene	10.72	164	90550	21.116	ug/l	99
65) Chlorobenzene	11.52	112	181614	20.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66448	20.512	ug/l	98
67) Ethyl Benzene	11.60	91	318715	20.797	ug/l	99
68) m/p-Xylenes	11.70	106	248330	41.650	ug/l	99
69) o-Xylene	12.03	106	115732	20.681	ug/l	97
70) Styrene	12.04	104	199566	20.771	ug/l	99
71) Bromoform	12.21	173	41640	20.795	ug/l #	100
73) Isopropylbenzene	12.33	105	319637	20.284	ug/l	100
74) N-amyl acetate	12.14	43	71222	19.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	45640	19.668	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39240m	19.807	ug/l	
77) Bromobenzene	12.61	156	80173	20.350	ug/l	97
78) n-propylbenzene	12.67	91	373365	20.367	ug/l	100
79) 2-Chlorotoluene	12.75	91	203794	20.044	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	268939	20.311	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	20344	19.421	ug/l #	79
82) 4-Chlorotoluene	12.85	91	216641	20.341	ug/l	99
83) tert-Butylbenzene	13.08	119	240124	20.491	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	270593	20.448	ug/l	99
85) sec-Butylbenzene	13.25	105	328957	20.343	ug/l	100
86) p-Isopropyltoluene	13.37	119	311083	20.553	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	154824	20.382	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	154049	20.370	ug/l	100
89) n-Butylbenzene	13.70	91	280491	20.180	ug/l	100
90) Hexachloroethane	13.96	117	56853	20.280	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	137699	20.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8288	18.625	ug/l	98

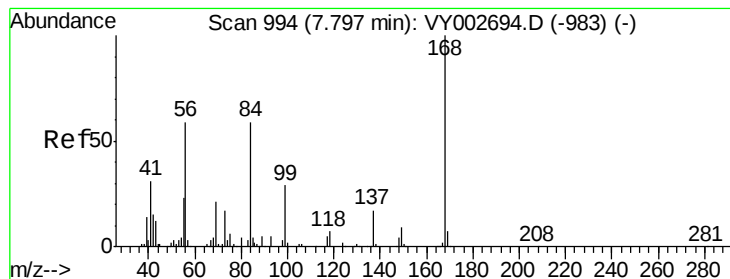
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
Data File : VY002702.D
Acq On : 18 May 2020 11:43
Operator : SY/MD
Sample : VY0518SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBSD01

Quant Time: May 19 00:23:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	102177	18.821	ug/l	100
94) Hexachlorobutadiene	15.11	225	62829	19.175	ug/l	99
95) Naphthalene	15.23	128	175957	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87179	18.739	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: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

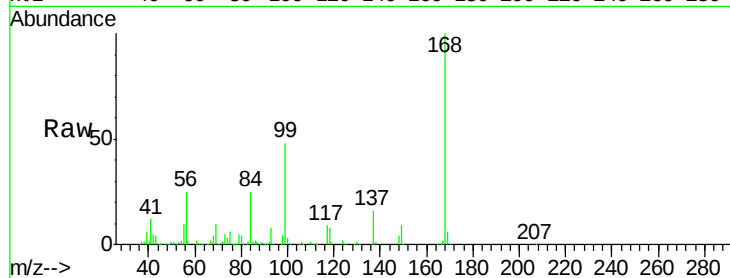
VY0518SBS01

Tot Ion:168 Resp: 335873

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002702.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002702.D (-945) (-)

7.80

150000

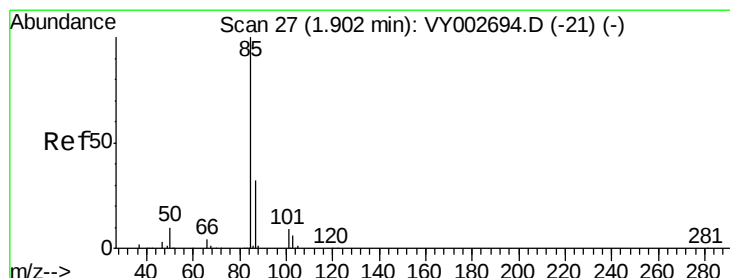
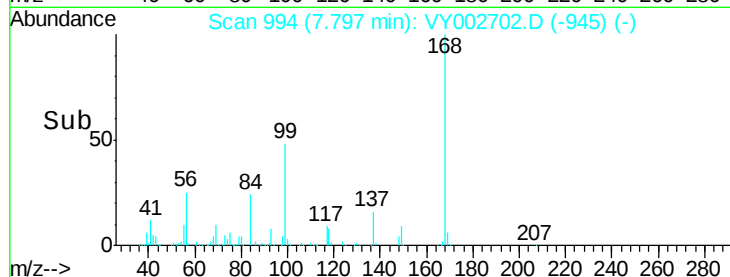
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.060 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002702.D

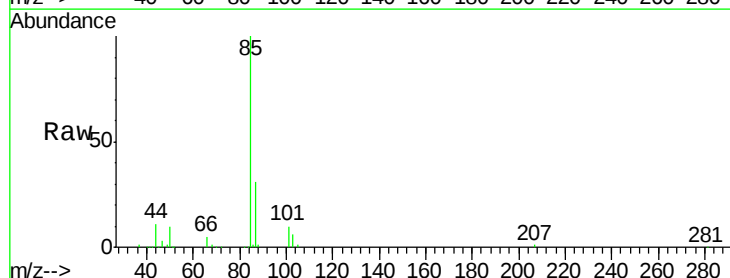
Acq: 18 May 2020 11:43

Tgt Ion: 85 Resp: 48280

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002702.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002702.D (-1) (-)

1.90

40000

30000

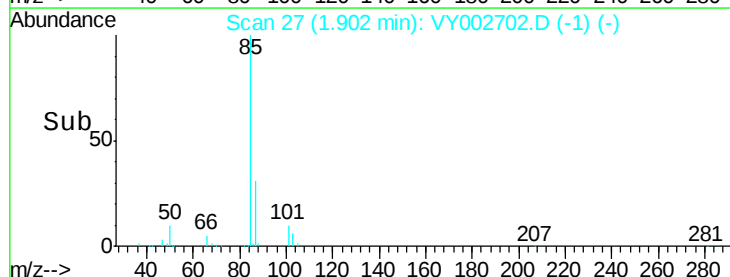
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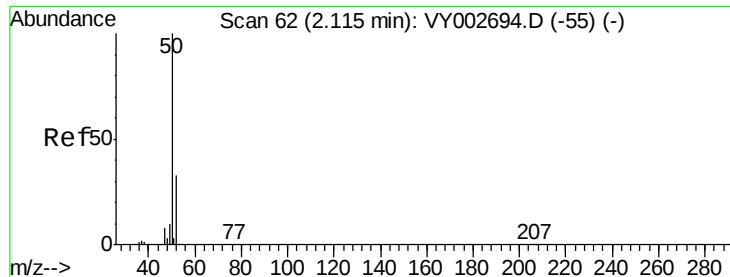
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0

1.80 1.85 1.90 1.95 2.00

Time-->

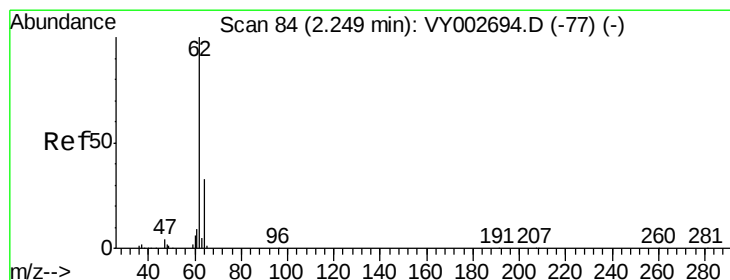
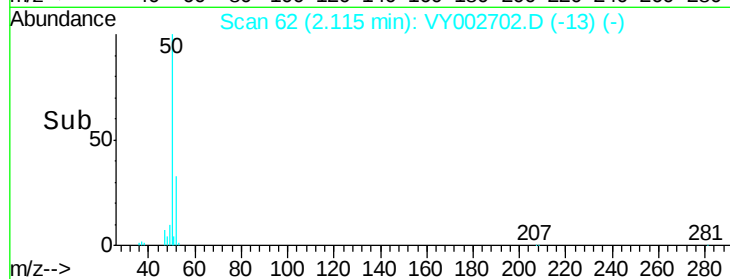
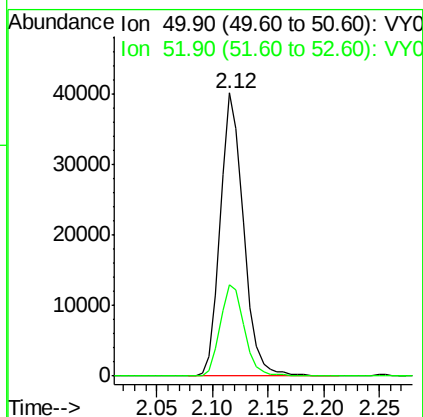
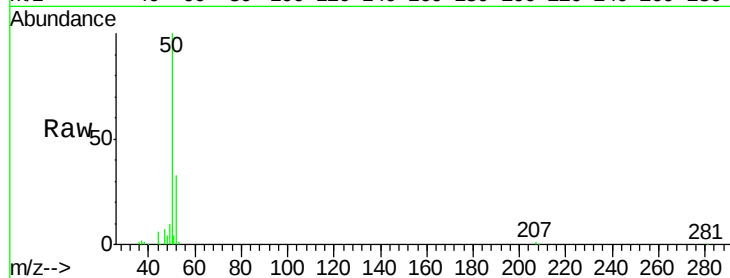




#3
Chloromethane
Concen: 21.138 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

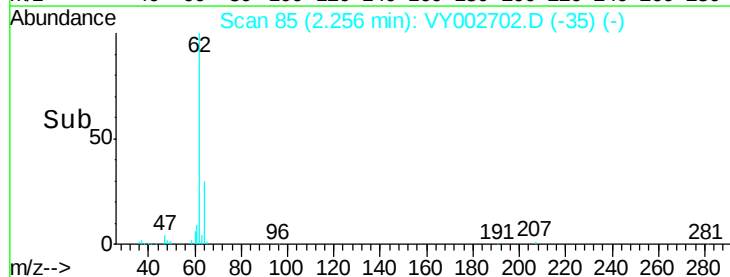
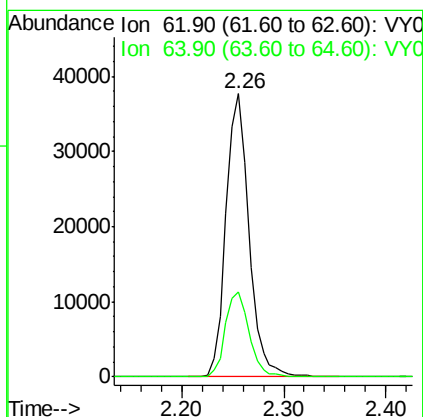
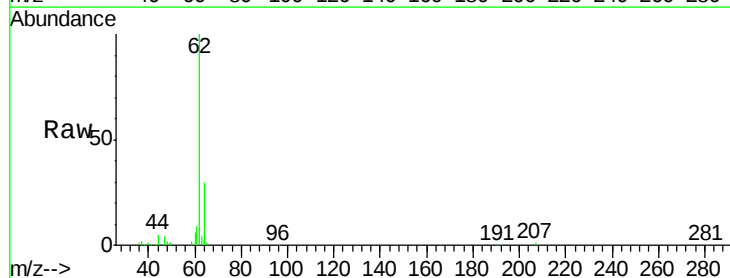
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBSD01

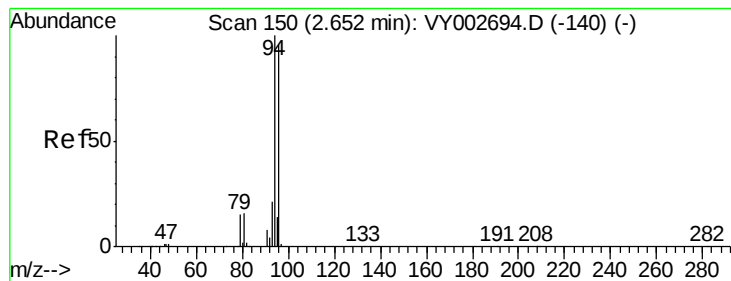
Tot Ion: 50 Resp: 58265
Ion Ratio Lower Upper
50 100
52 32.5 26.3 39.5



#4
Vinyl Chloride
Concen: 20.527 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 62 Resp: 58956
Ion Ratio Lower Upper
62 100
64 30.1 26.2 39.4





#5

Bromomethane

Concen: 21.059 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

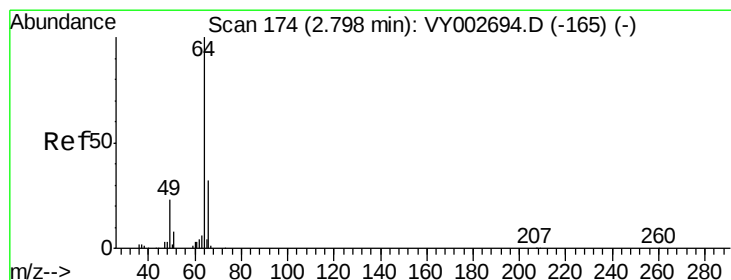
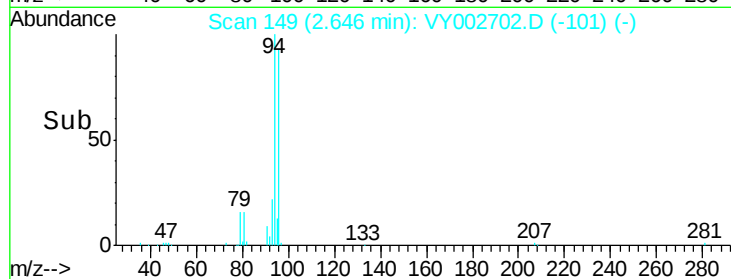
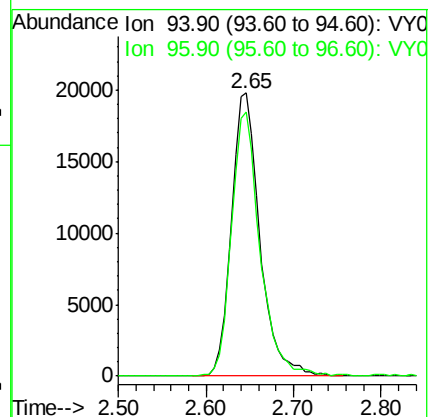
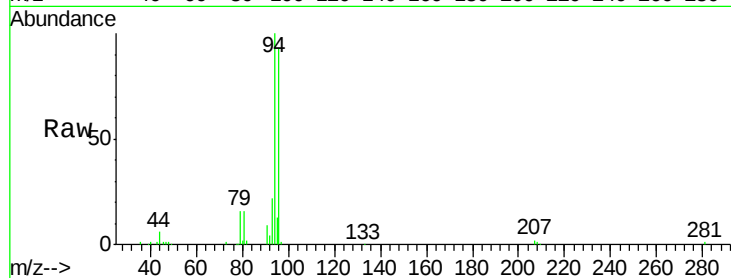
VY0518SBS01

Tot Ion: 94 Resp: 44831

Ion Ratio Lower Upper

94 100

96 93.3 76.8 115.2



#6

Chloroethane

Concen: 20.766 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002702.D

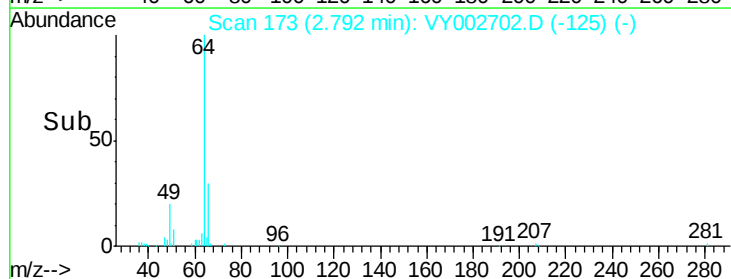
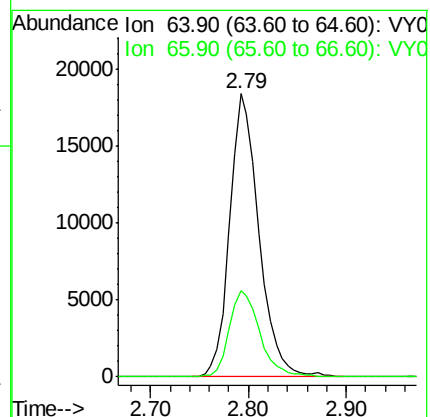
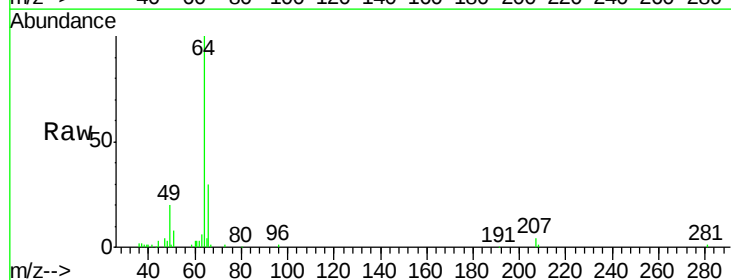
Acq: 18 May 2020 11:43

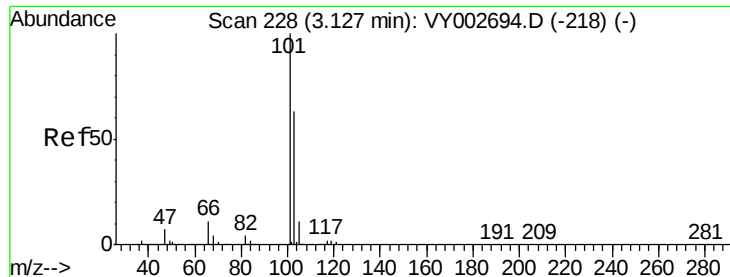
Tgt Ion: 64 Resp: 38141

Ion Ratio Lower Upper

64 100

66 30.3 25.9 38.9



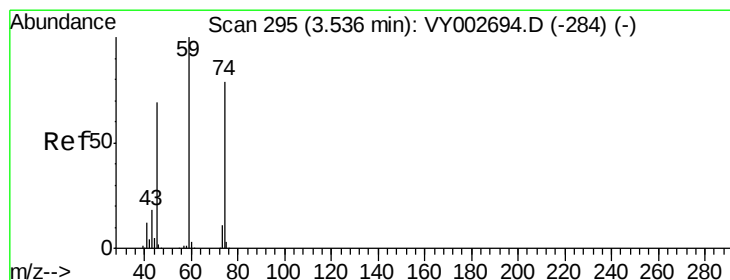
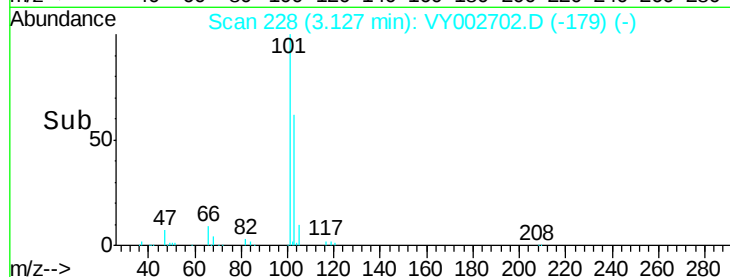
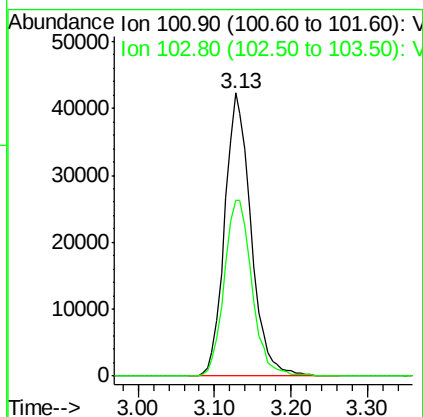
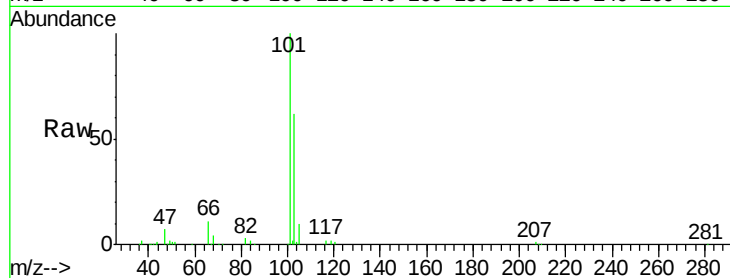


#7

Trichlorofluoromethane
 Concen: 20.794 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

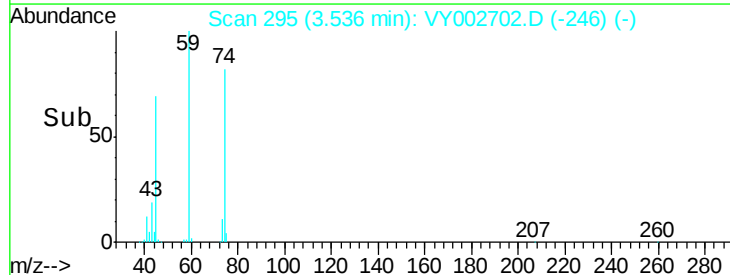
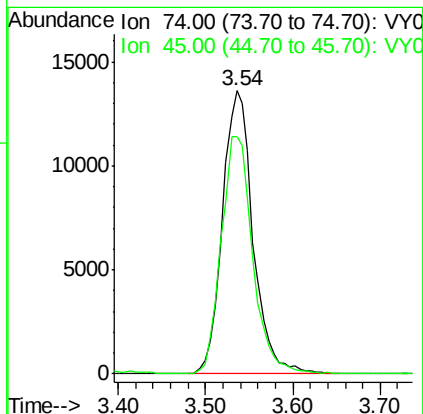
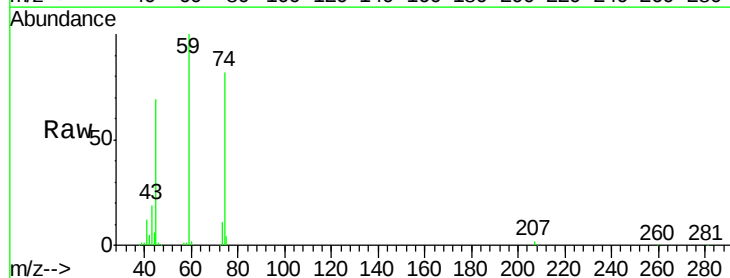
Tot Ion:101 Resp: 100653
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.6 75.8

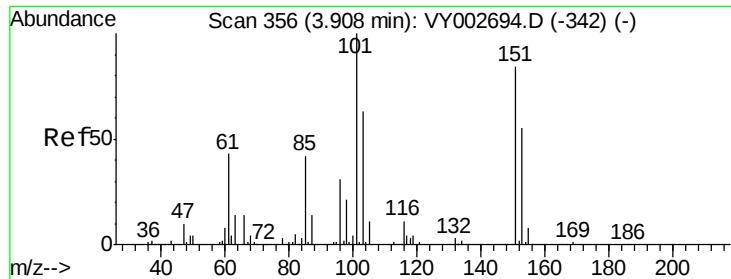


#8

Diethyl Ether
 Concen: 20.057 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 74 Resp: 33026
 Ion Ratio Lower Upper
 74 100
 45 86.7 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.548 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

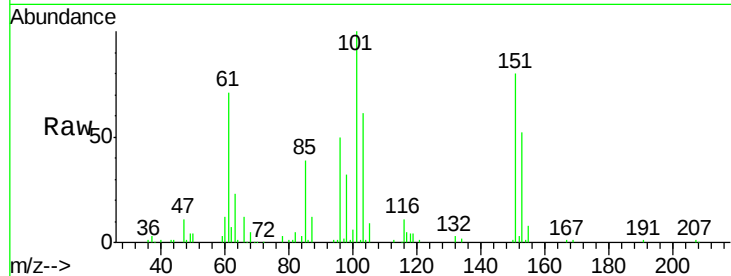
Tot Ion:101 Resp: 60291

Ion Ratio Lower Upper

101 100

85 41.3 33.5 50.3

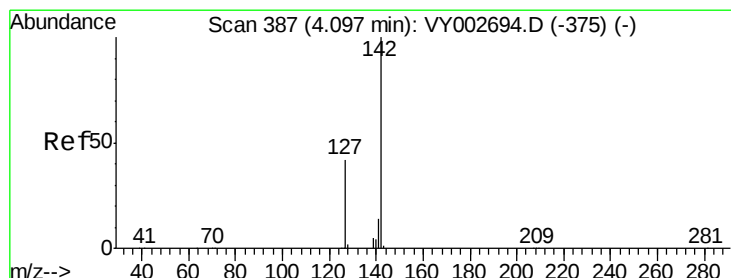
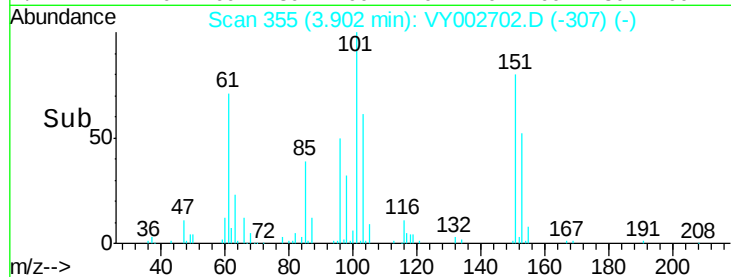
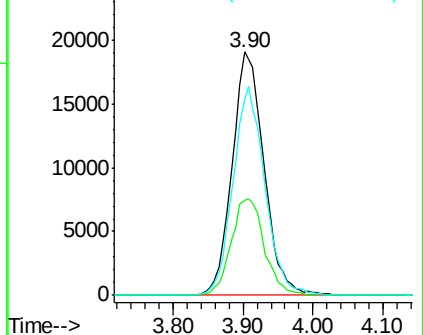
151 86.2 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.749 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

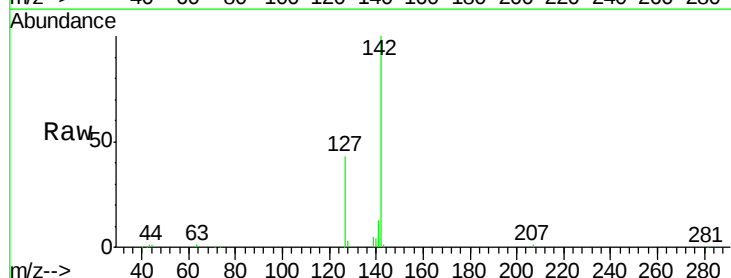
Tgt Ion:142 Resp: 79759

Ion Ratio Lower Upper

142 100

127 42.0 32.8 49.2

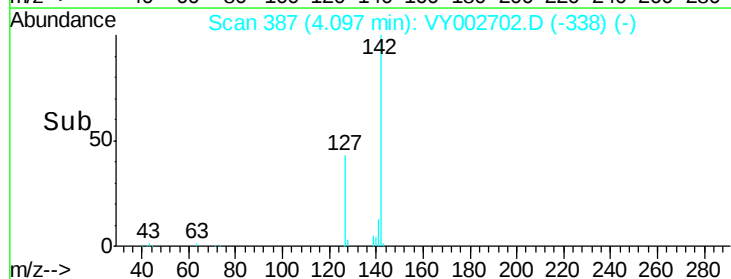
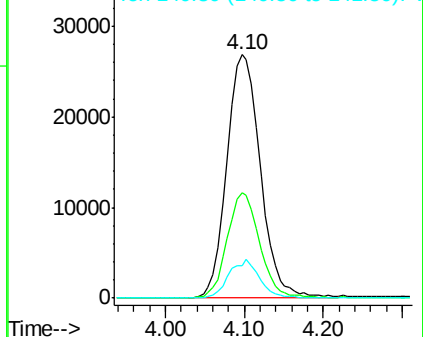
141 14.4 11.3 16.9

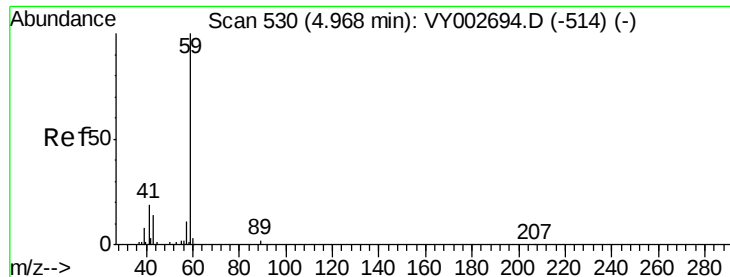


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



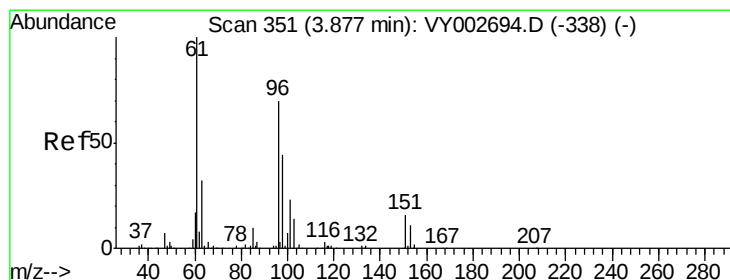
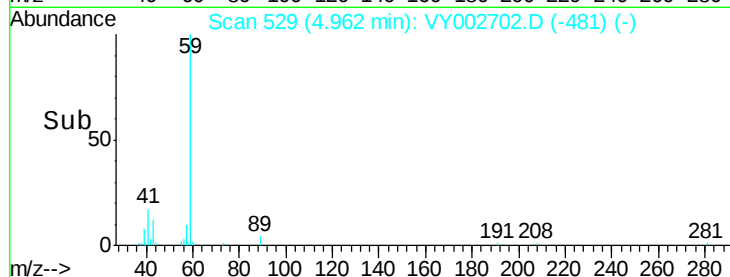
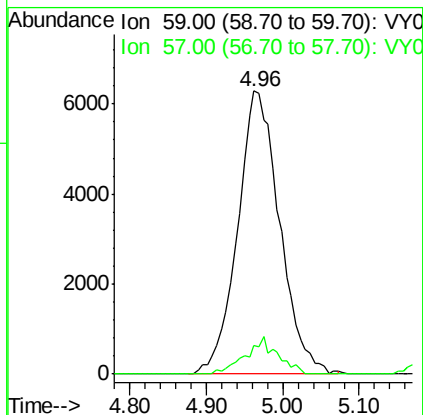
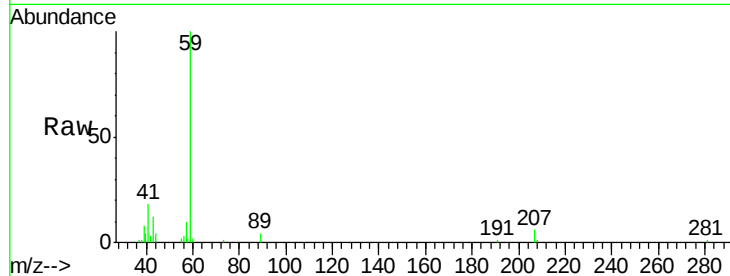


#11

Tert butyl alcohol
 Concen: 89.906 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

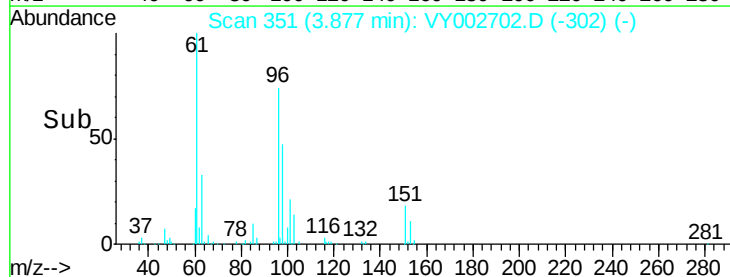
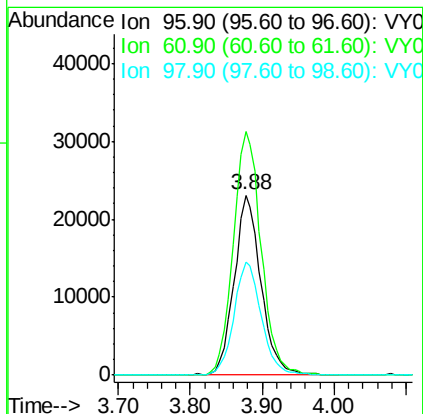
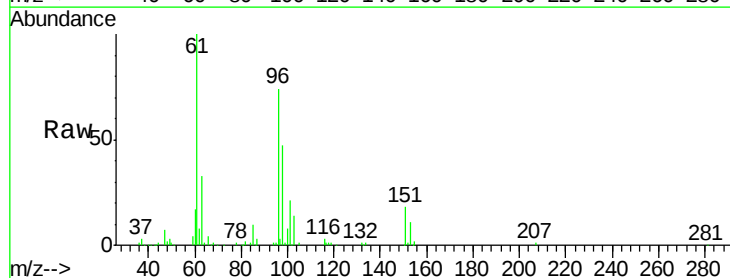
Tot Ion: 59 Resp: 23988
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

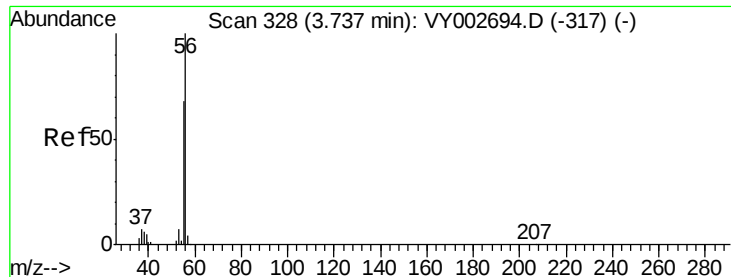


#12

1,1-Dichloroethene
 Concen: 20.213 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 96 Resp: 59548
 Ion Ratio Lower Upper
 96 100
 61 135.3 113.8 170.8
 98 63.1 50.4 75.6





#13

Acrolein

Concen: 94.797 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

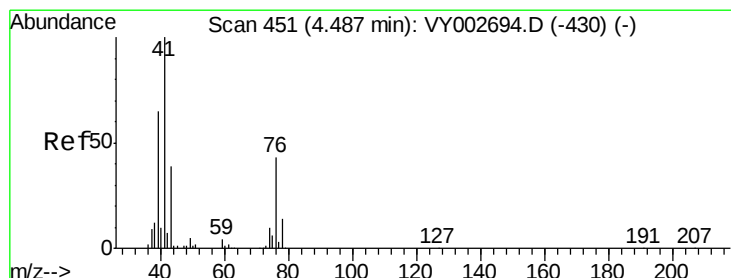
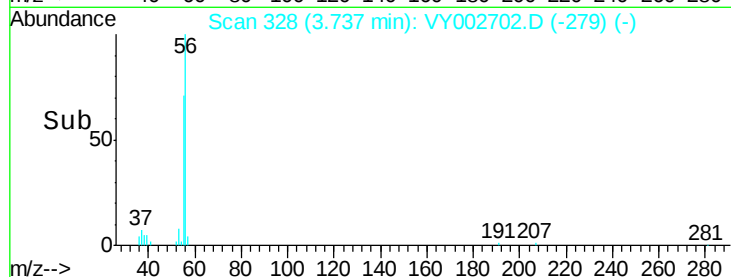
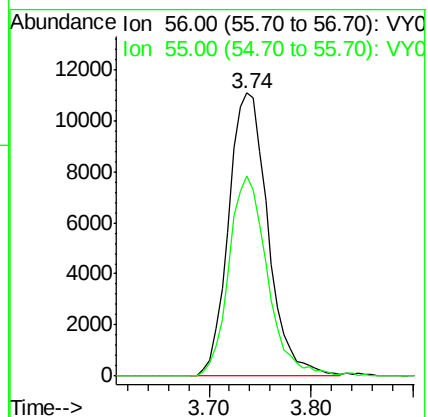
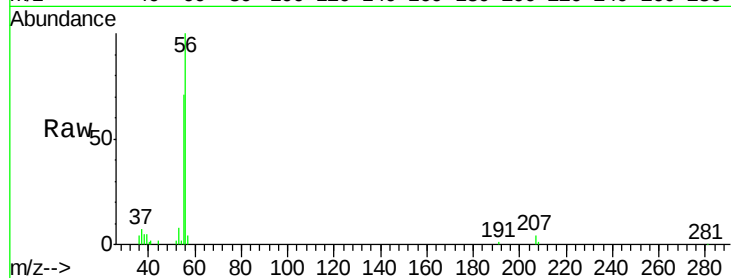
VY0518SBS01

Tot Ion: 56 Resp: 29666

Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2



#14

Allyl chloride

Concen: 19.949 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

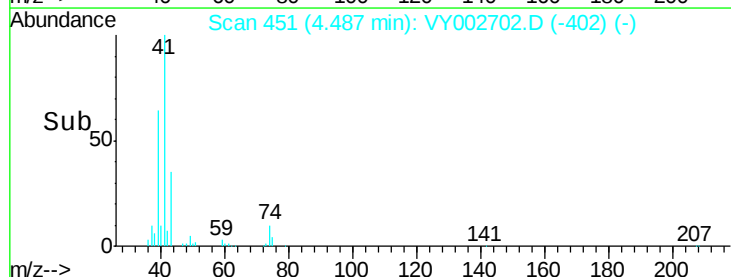
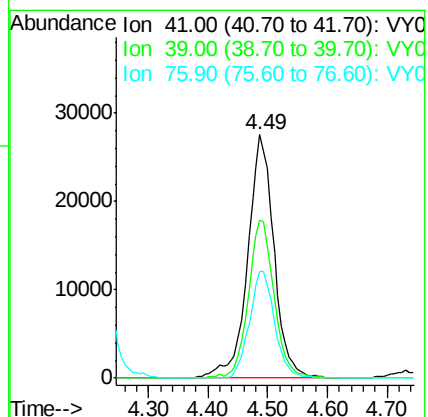
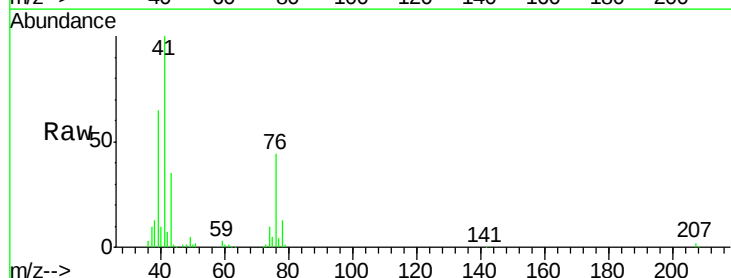
Tgt Ion: 41 Resp: 84375

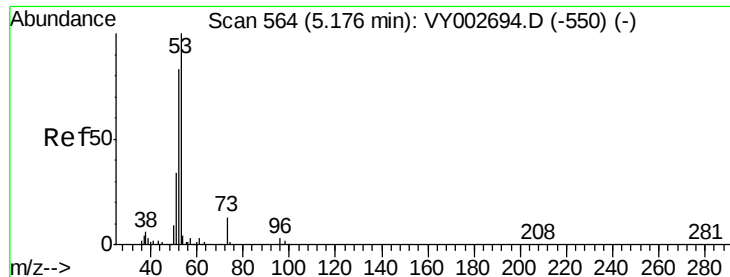
Ion Ratio Lower Upper

41 100

39 63.7 50.3 75.5

76 42.0 33.2 49.8





#15

Acrylonitrile

Concen: 99.041 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

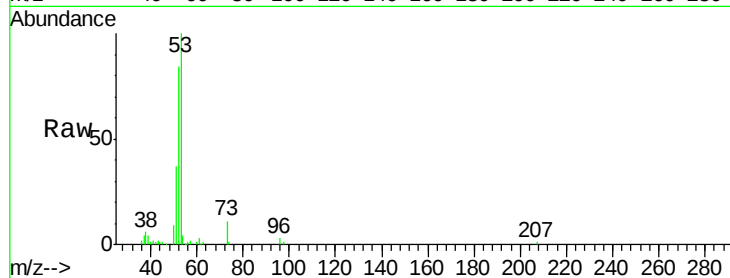
Tot Ion: 53 Resp: 73842

Ion Ratio Lower Upper

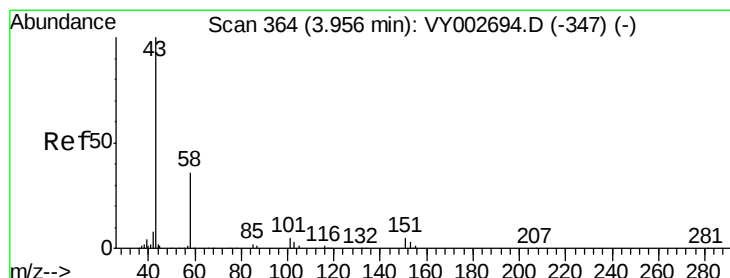
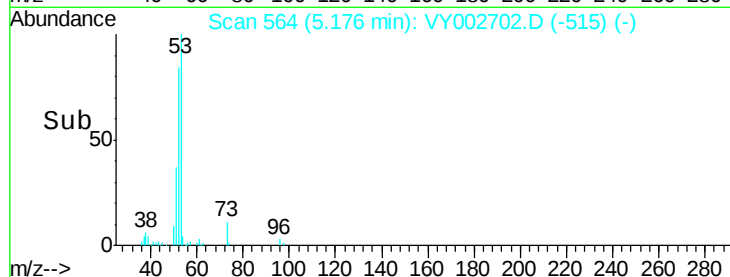
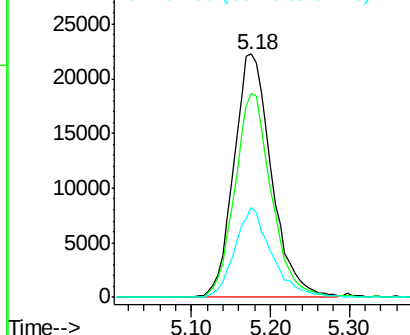
53 100

52 81.3 65.0 97.6

51 36.0 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 95.258 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002702.D

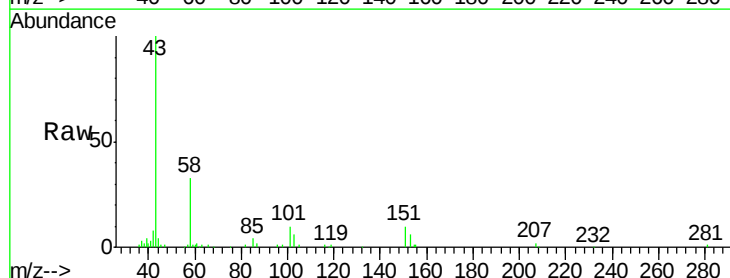
Acq: 18 May 2020 11:43

Tgt Ion: 43 Resp: 51591

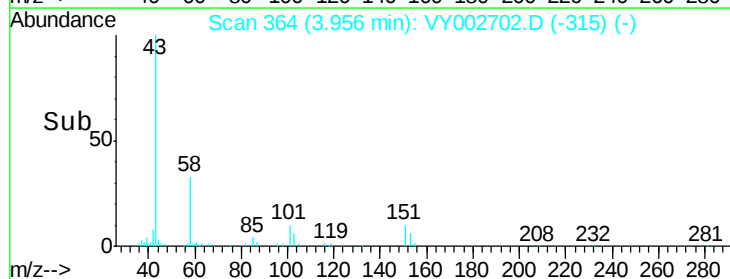
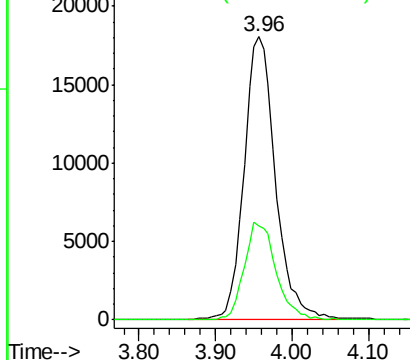
Ion Ratio Lower Upper

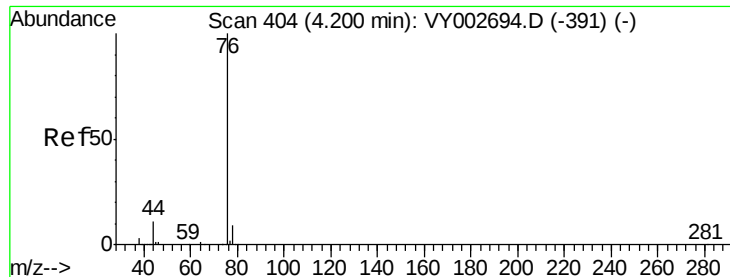
43 100

58 33.0 28.6 43.0



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





#17

Carbon Disulfide

Concen: 20.066 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

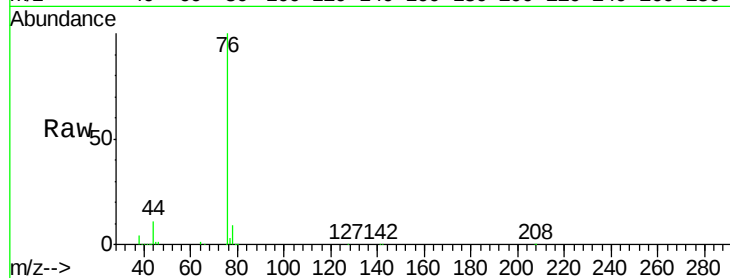
VY0518SBS01

Tot Ion: 76 Resp: 185430

Ion Ratio Lower Upper

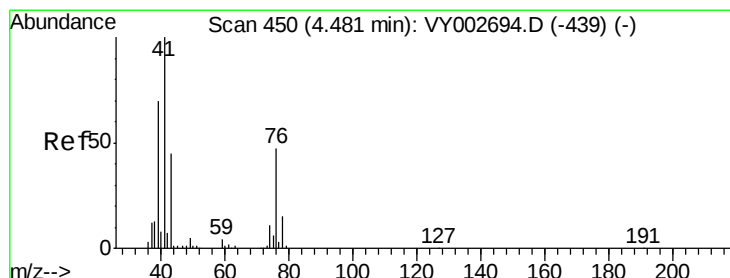
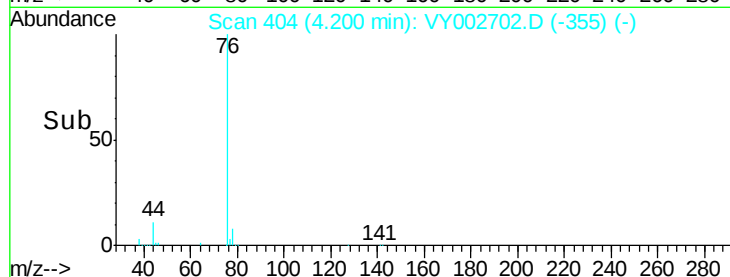
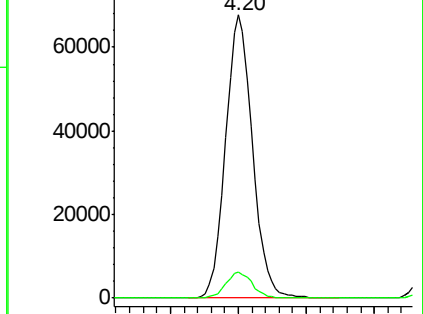
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.620 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002702.D

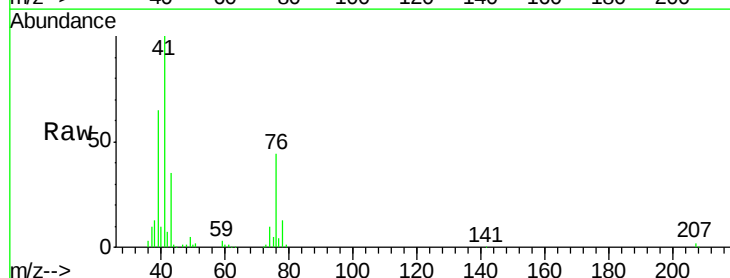
Acq: 18 May 2020 11:43

Tgt Ion: 43 Resp: 30298

Ion Ratio Lower Upper

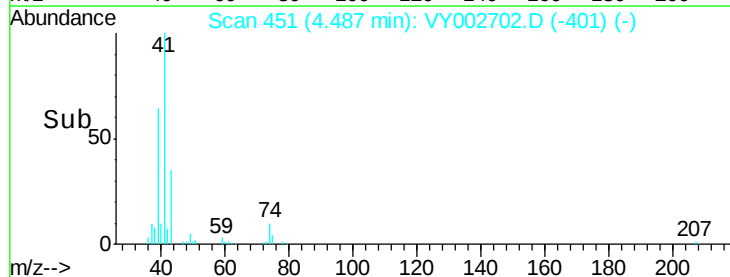
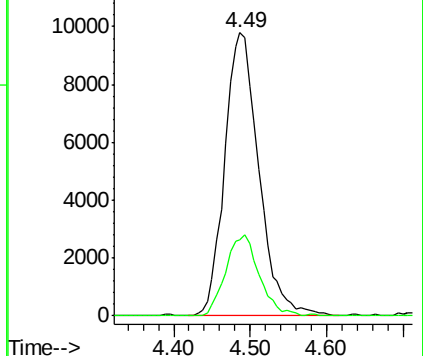
43 100

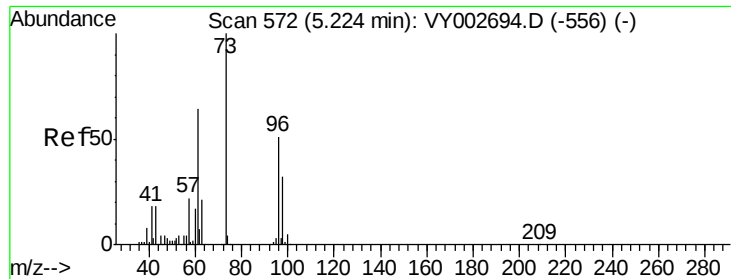
74 27.8 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



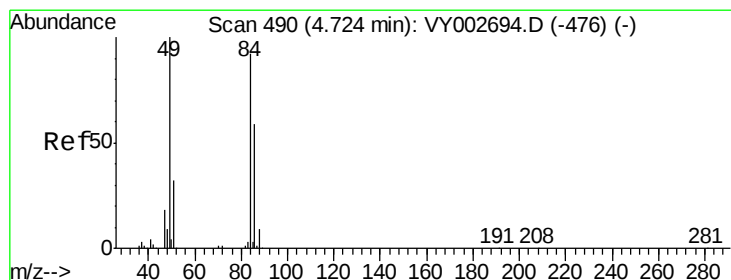
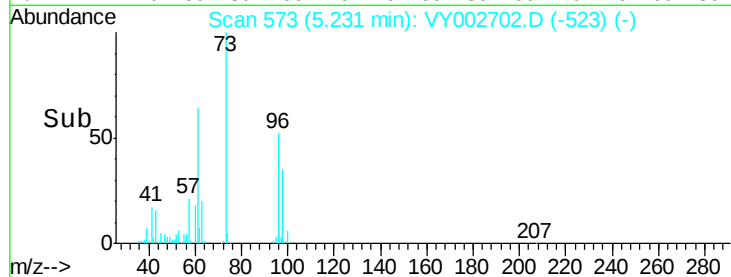
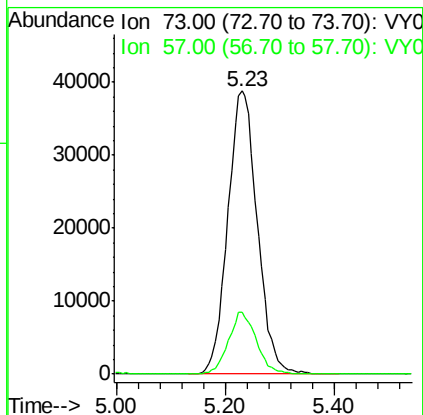
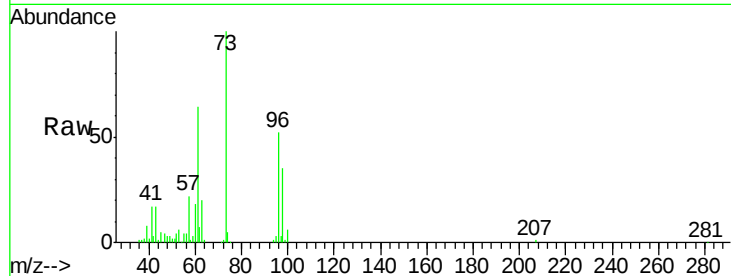


#19

Methyl tert-butyl Ether
 Concen: 20.083 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

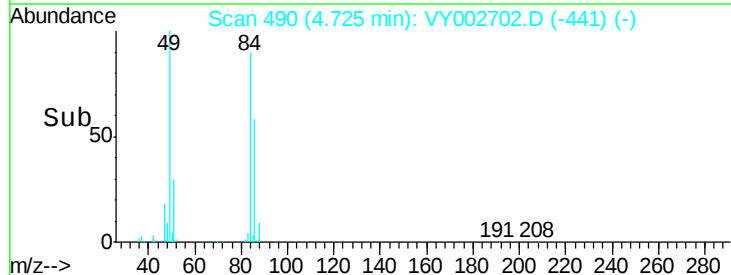
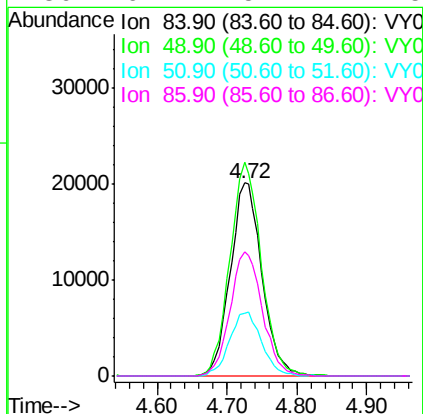
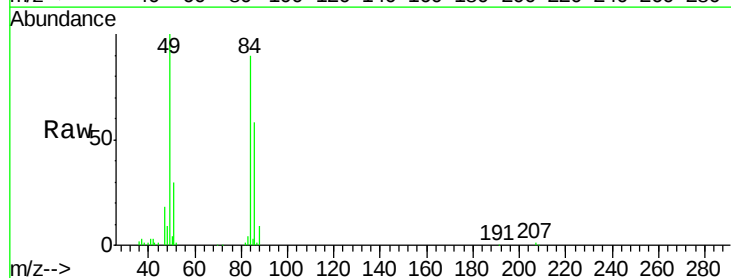
Tot Ion: 73 Resp: 146759
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.3 25.9

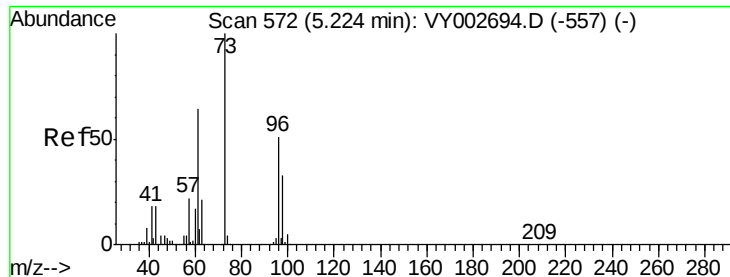


#20

Methylene Chloride
 Concen: 19.322 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 84 Resp: 63256
 Ion Ratio Lower Upper
 84 100
 49 110.6 87.4 131.0
 51 32.8 27.9 41.9
 86 64.2 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.151 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

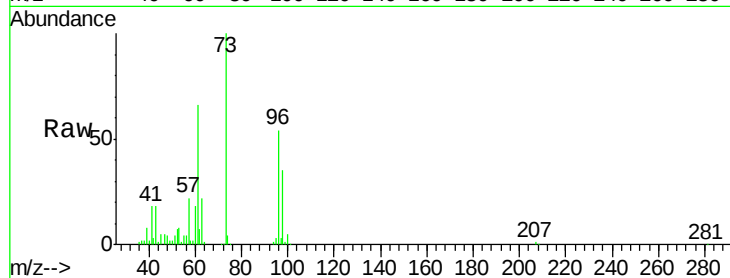
Tot Ion: 96 Resp: 66013

Ion Ratio Lower Upper

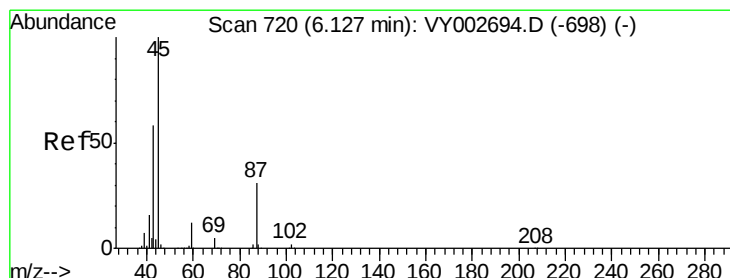
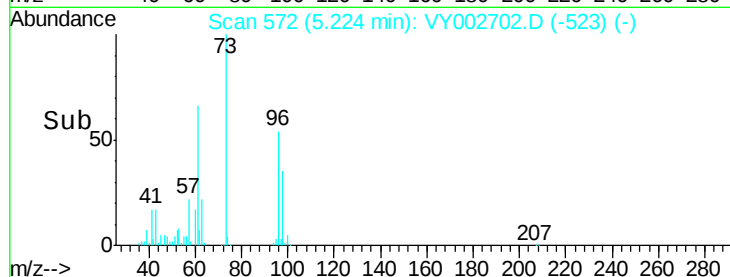
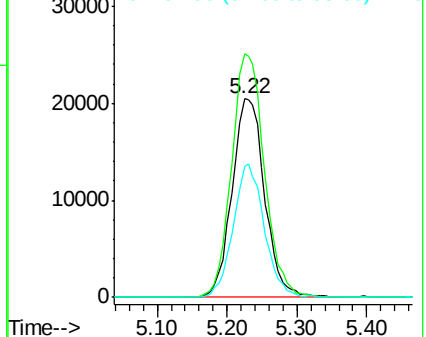
96 100

61 122.7 99.6 149.4

98 65.8 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.234 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Tgt Ion: 45 Resp: 169794

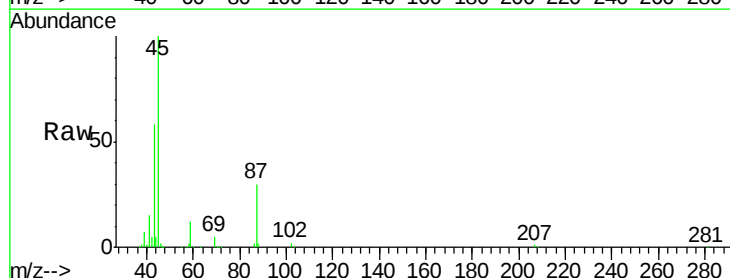
Ion Ratio Lower Upper

45 100

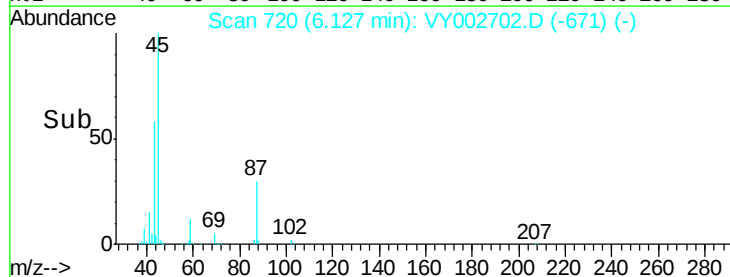
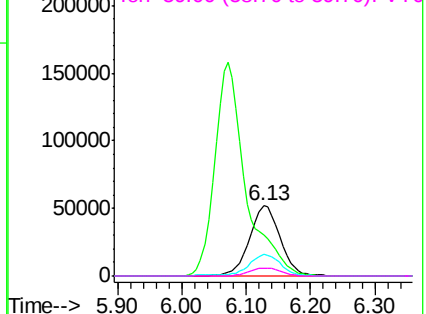
43 57.2 46.1 69.1

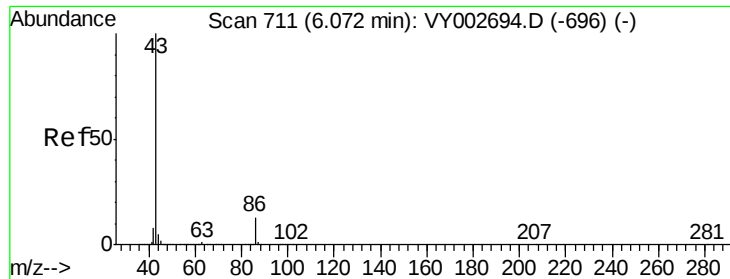
87 30.2 24.9 37.3

59 11.5 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0

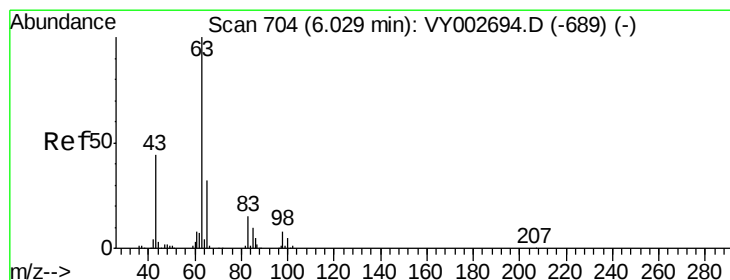
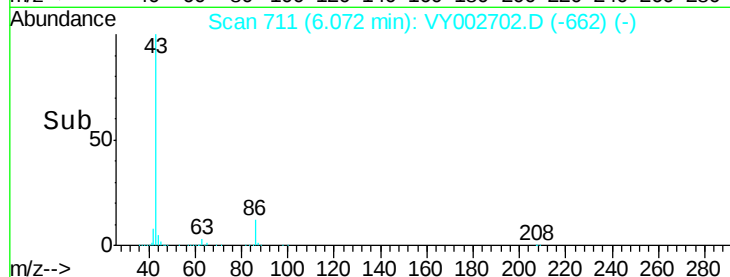
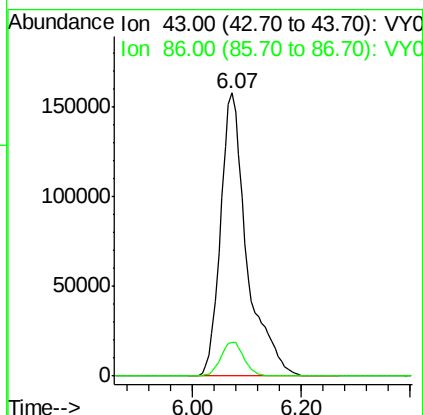
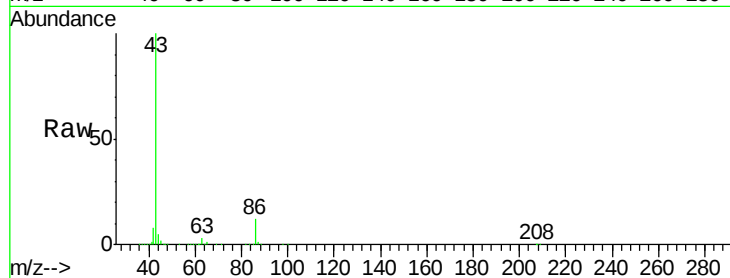




#23
 Vinyl Acetate
 Concen: 98.737 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

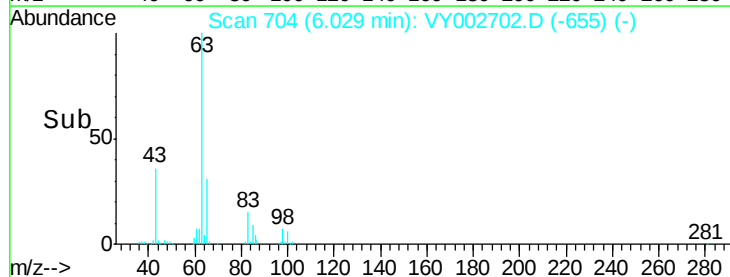
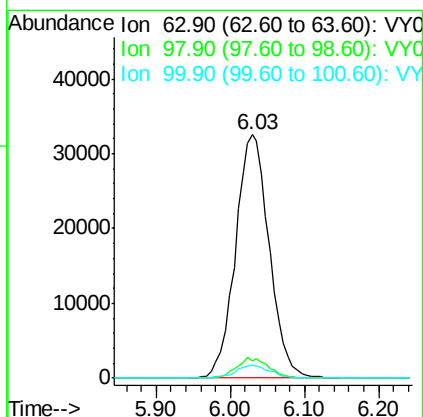
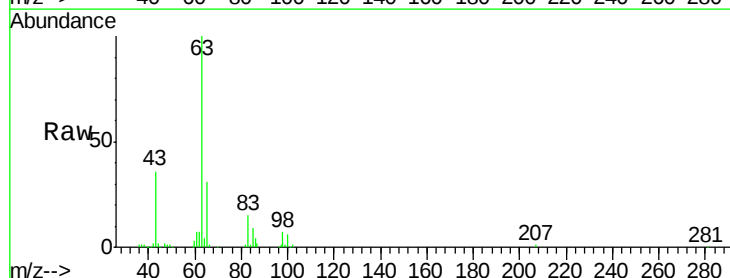
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

Tot Ion: 43 Resp: 530530
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 20.523 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 63 Resp: 102909
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 11.9
 100 5.7 2.5 7.6

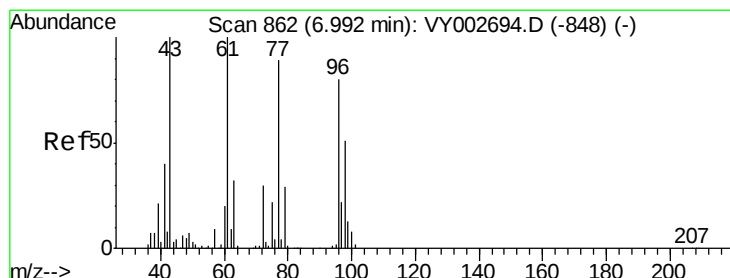
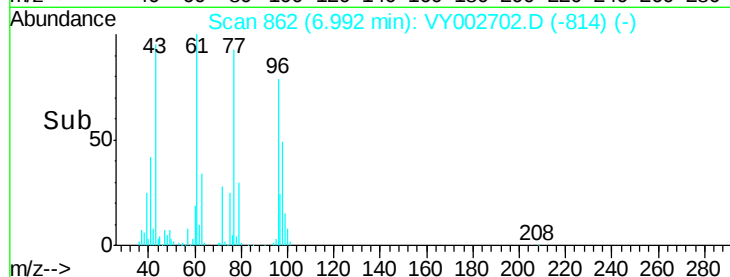
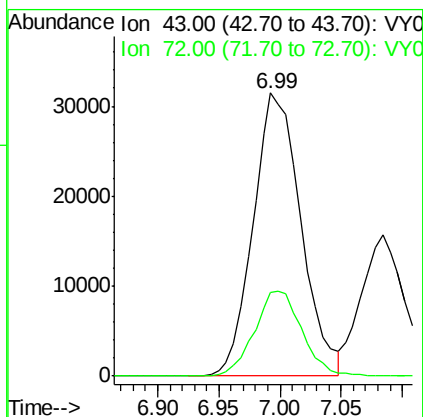
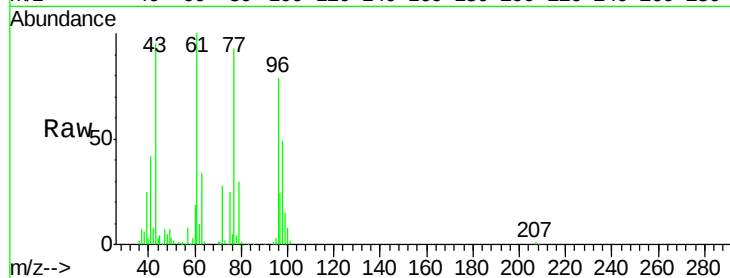




#25
2-Butanone
Concen: 95.620 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

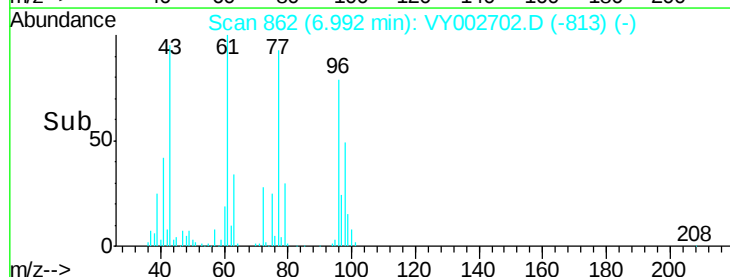
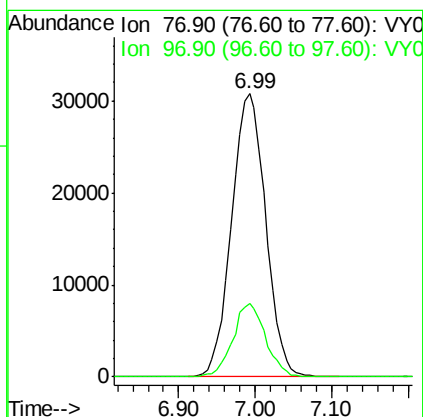
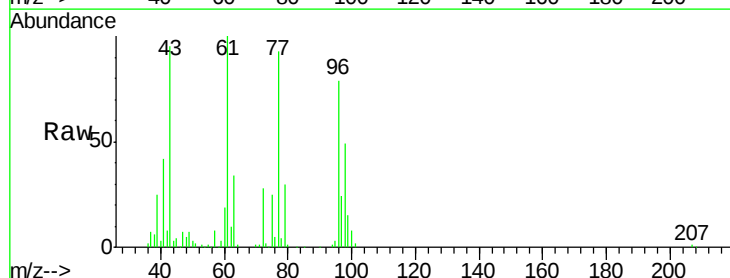
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

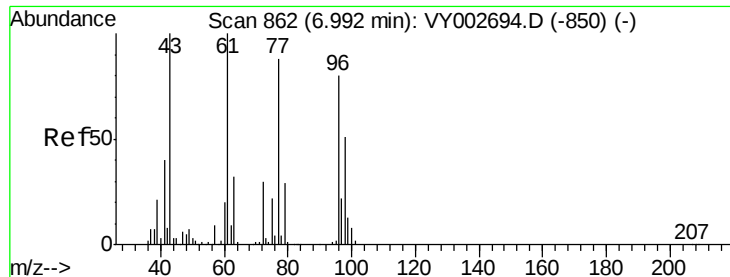
Tot Ion: 43 Resp: 85684
Ion Ratio Lower Upper
43 100
72 29.4 24.1 36.1



#26
2,2-Dichloropropane
Concen: 20.373 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 77 Resp: 95050
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.9



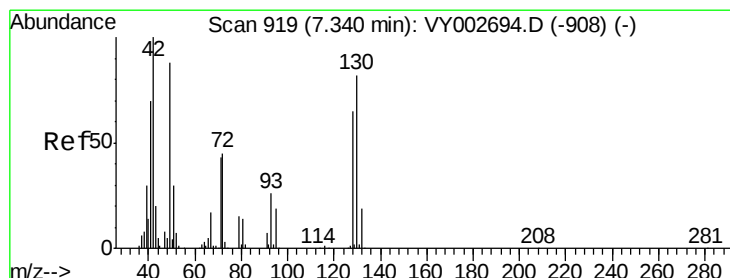
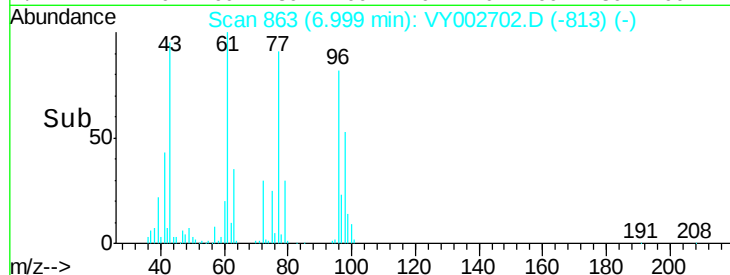
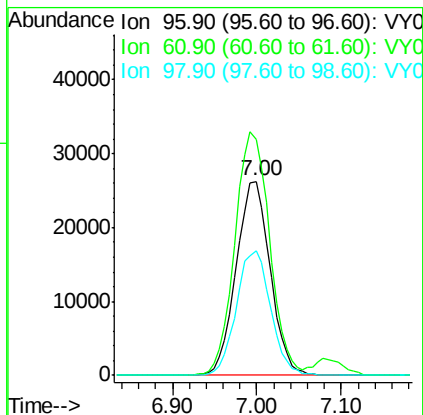
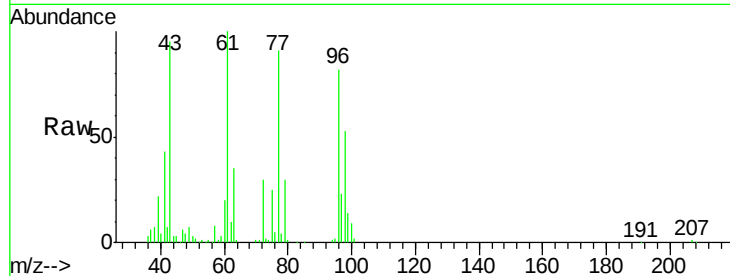


#27

cis-1,2-Dichloroethene
Concen: 20.294 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

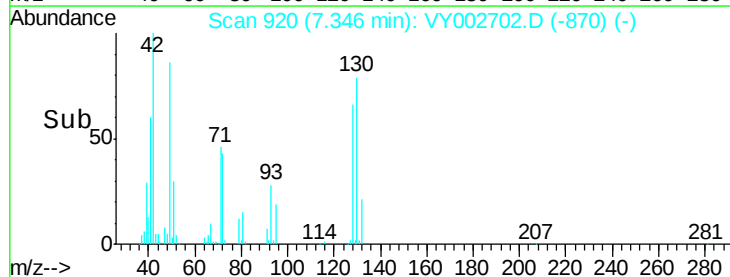
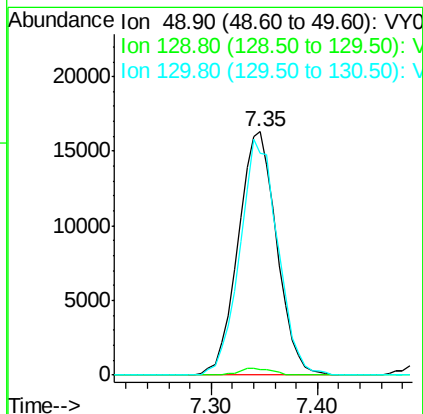
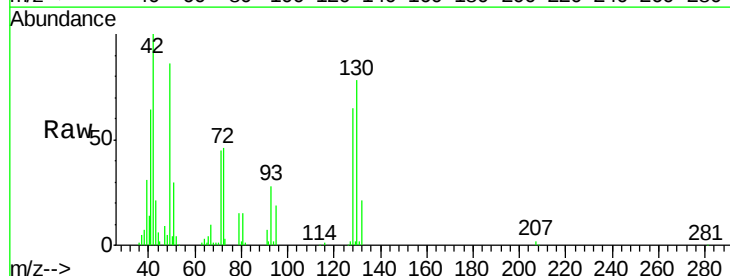
Tot Ion: 96 Resp: 71837
Ion Ratio Lower Upper
96 100
61 128.1 0.0 258.0
98 64.5 0.0 128.4

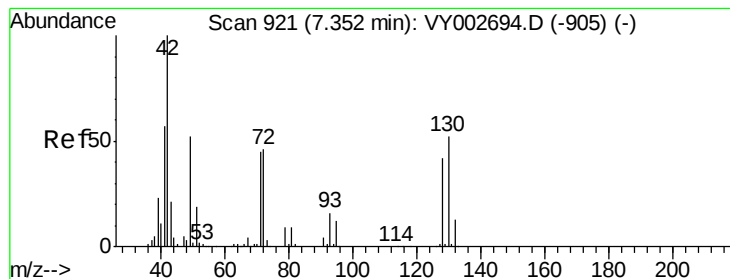


#28

Bromochloromethane
Concen: 20.887 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 49 Resp: 41432
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 95.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 96.864 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

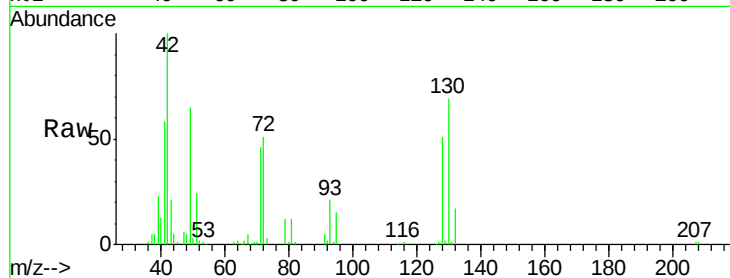
Tot Ion: 42 Resp: 59057

Ion Ratio Lower Upper

42 100

72 47.9 38.2 57.2

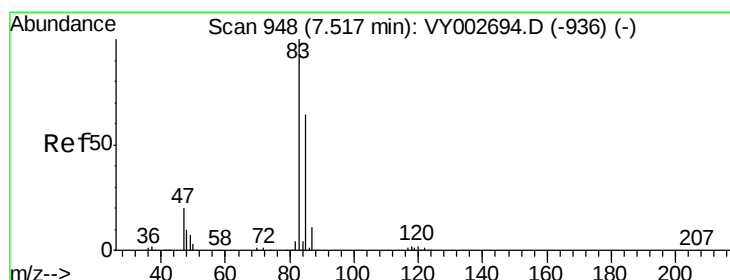
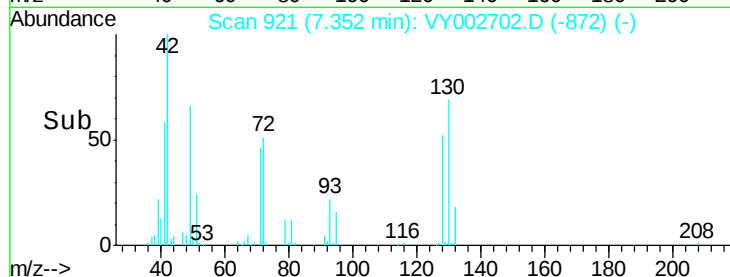
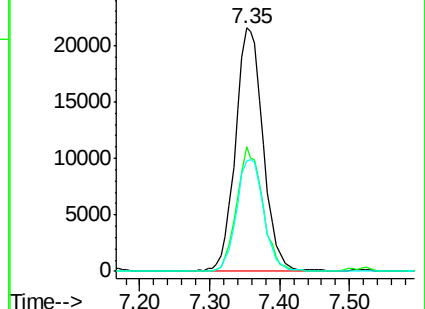
71 45.0 35.8 53.8



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: 20.201 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002702.D

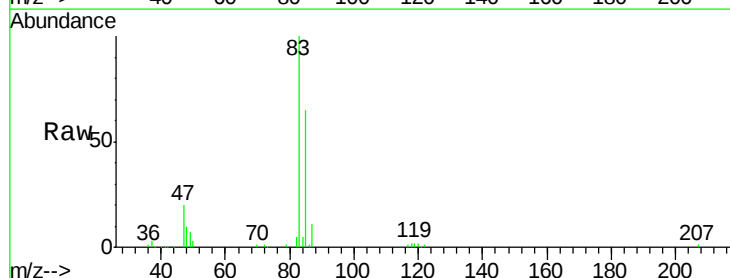
Acq: 18 May 2020 11:43

Tgt Ion: 83 Resp: 105131

Ion Ratio Lower Upper

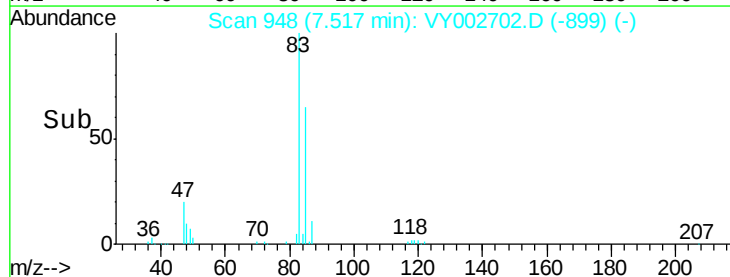
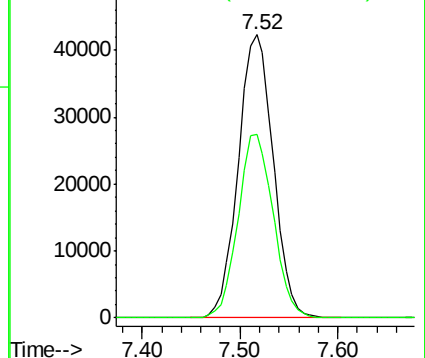
83 100

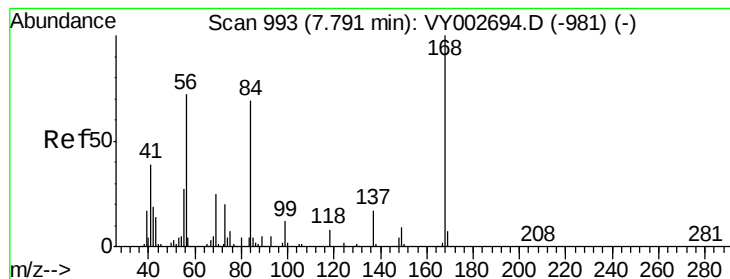
85 64.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.959 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

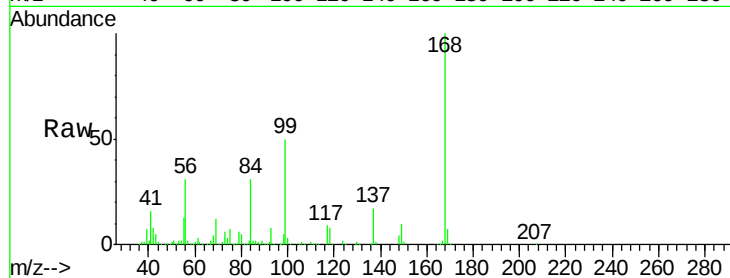
Tot Ion: 56 Resp: 101503

Ion Ratio Lower Upper

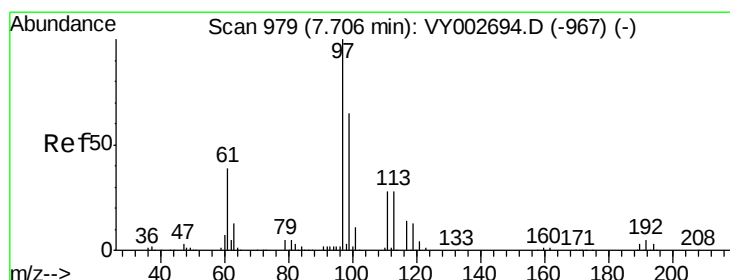
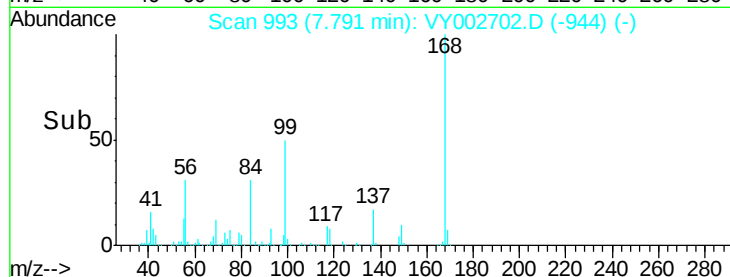
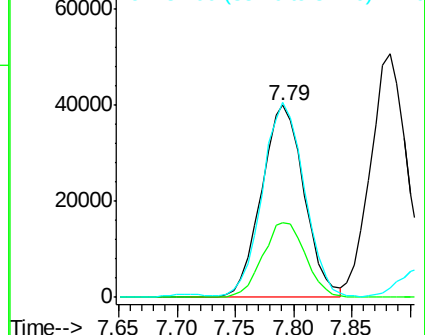
56 100

69 38.7 27.7 41.5

84 100.1 77.0 115.4



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



#32

1,1,1-Trichloroethane

Concen: 20.584 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

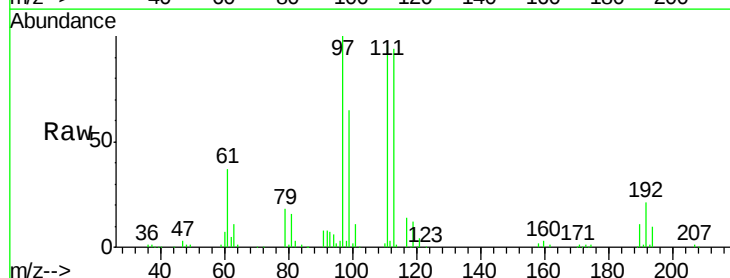
Tgt Ion: 97 Resp: 98979

Ion Ratio Lower Upper

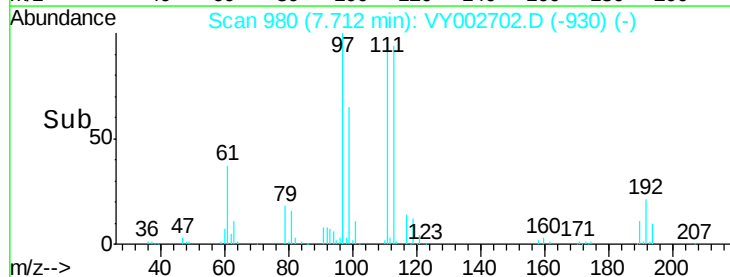
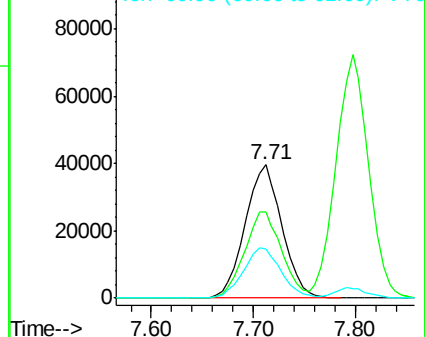
97 100

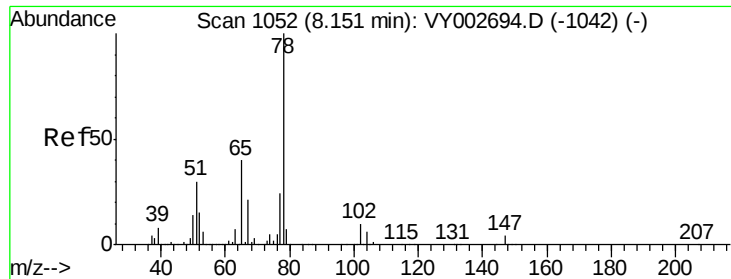
99 65.8 51.6 77.4

61 38.2 30.6 45.8



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

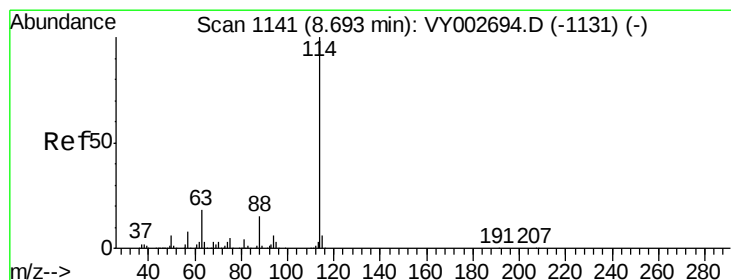
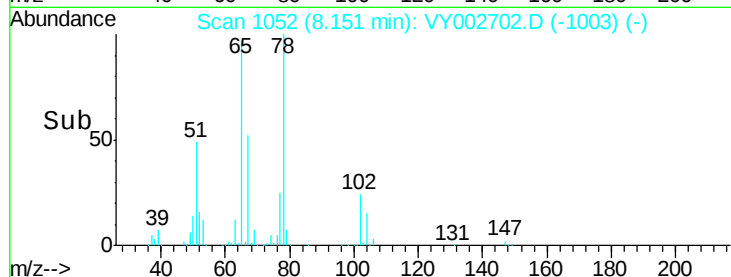
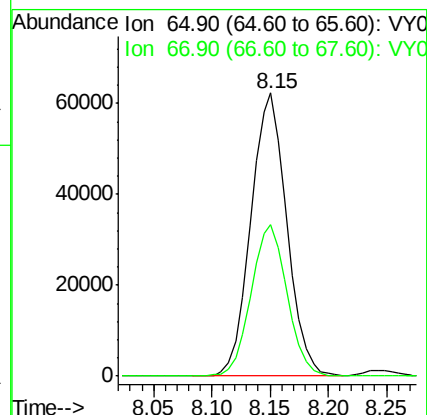
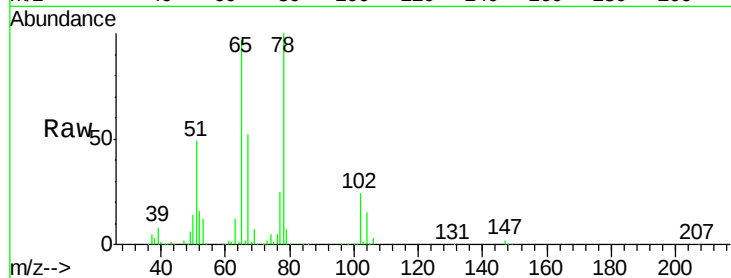




#33
 1,2-Dichloroethane-d4
 Concen: 50.961 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

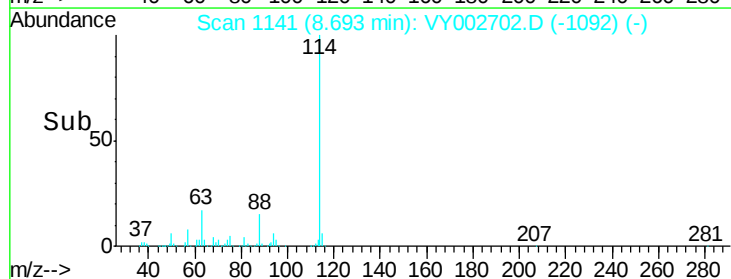
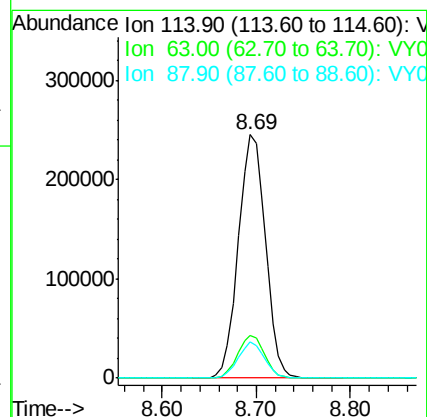
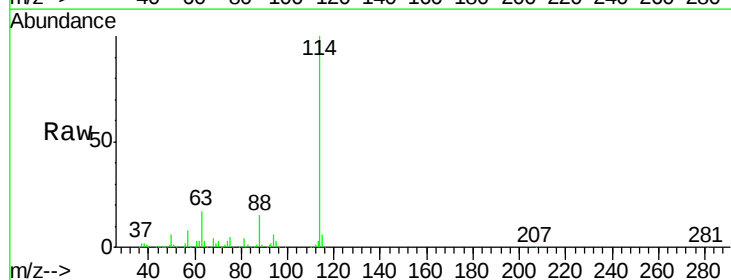
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

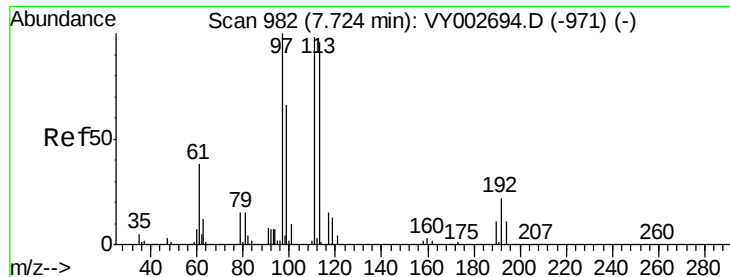
Tot Ion: 65 Resp: 133885
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 114 Resp: 490859
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.4
 88 14.8 0.0 29.4

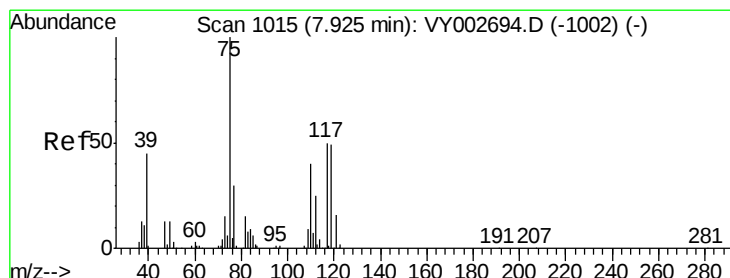
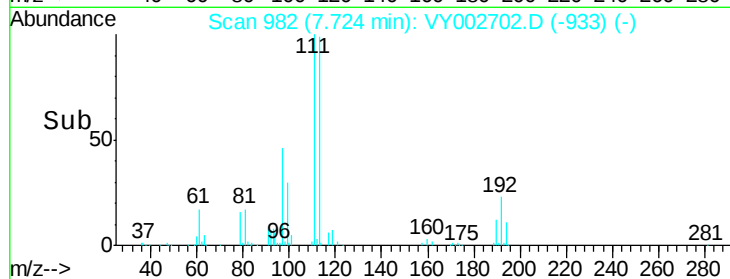
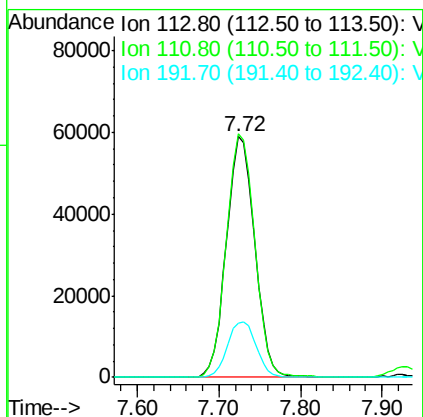
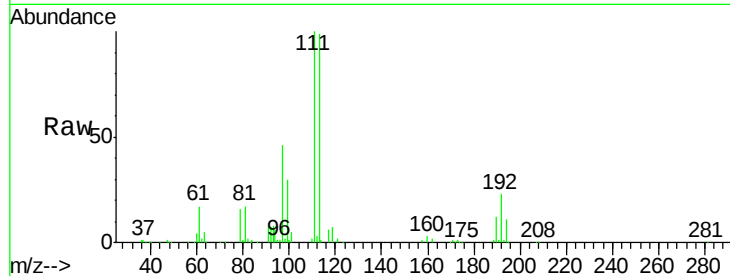




#35
 Dibromofluoromethane
 Concen: 52.180 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

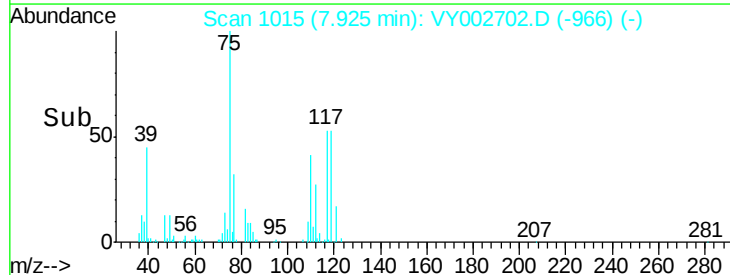
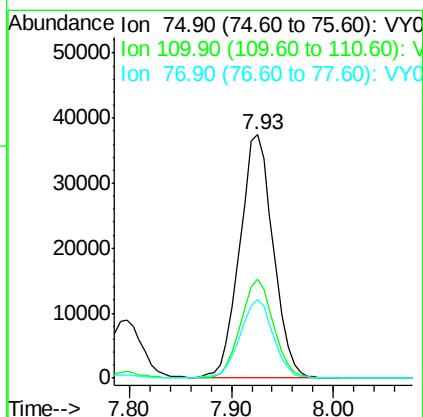
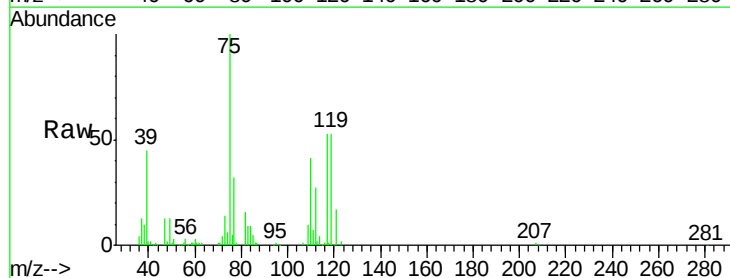
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

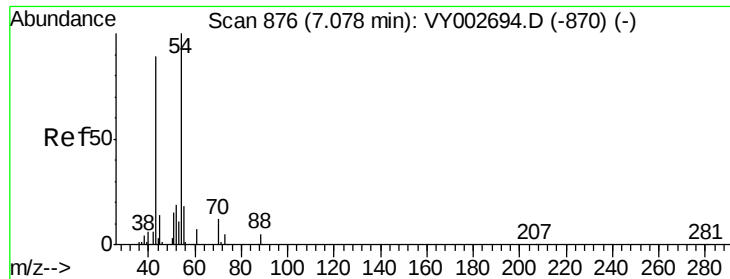
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	23.5	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 20.637 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.4	58.4
77	31.9	25.0	37.4

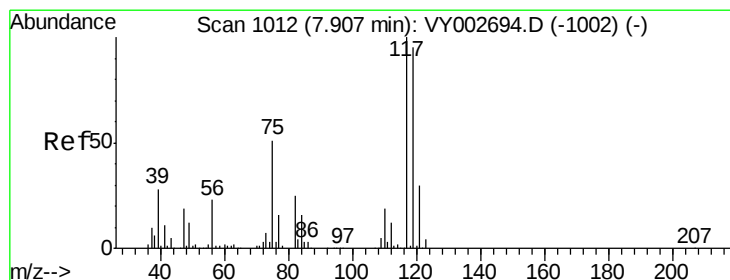
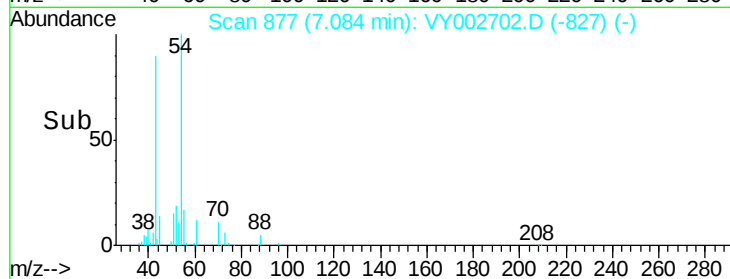
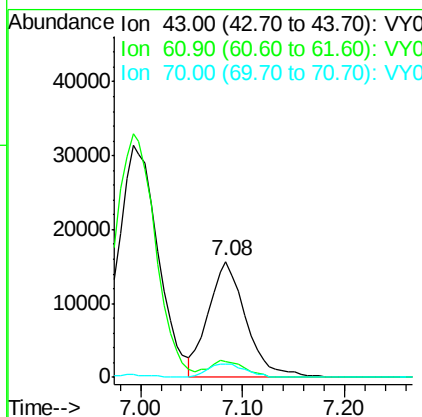
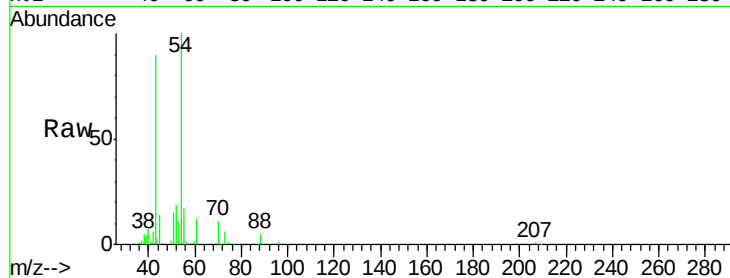




#37
Ethyl Acetate
Concen: 19.548 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

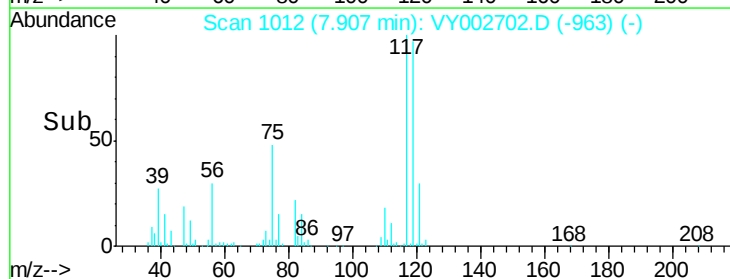
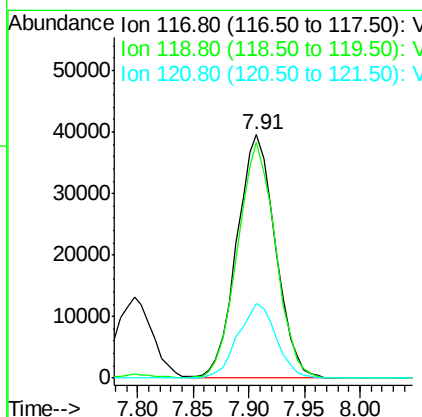
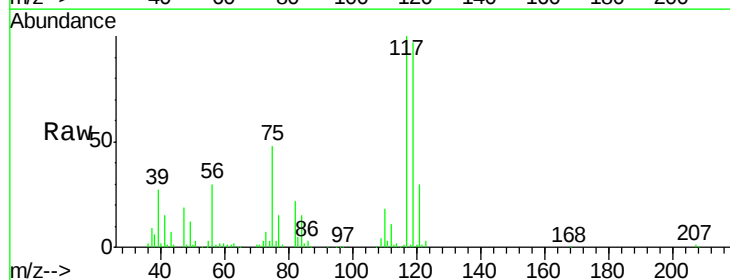
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

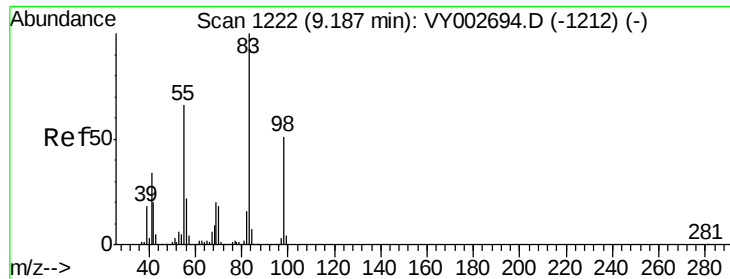
Tot Ion: 43 Resp: 39952
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.8
70 12.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 21.385 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 117 Resp: 95504
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5
121 30.5 24.2 36.2

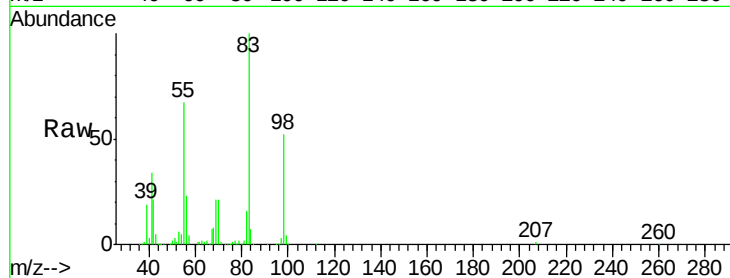




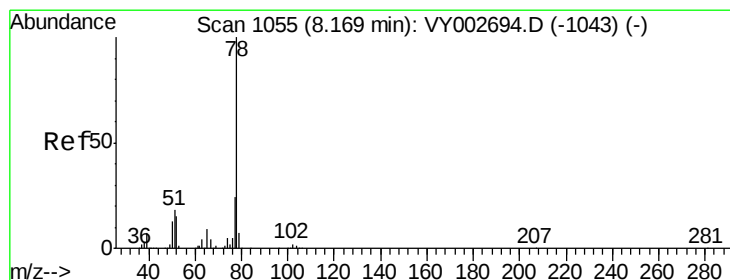
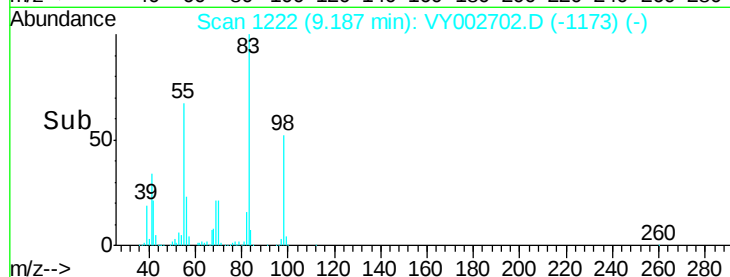
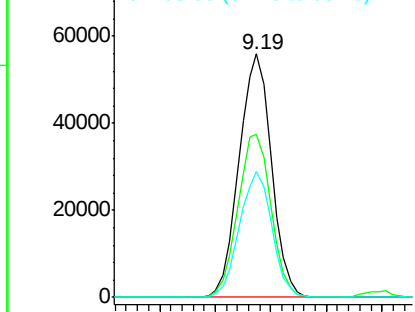
#39
Methvlcvclohexane
Concen: 20.188 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

Tot Ion: 83 Resp: 112799
Ion Ratio Lower Upper
83 100
55 66.9 53.0 79.6
98 51.6 40.8 61.2

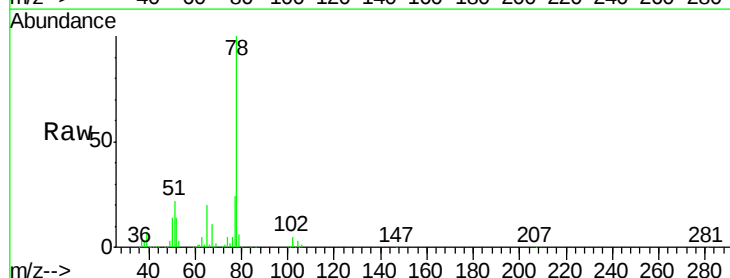


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

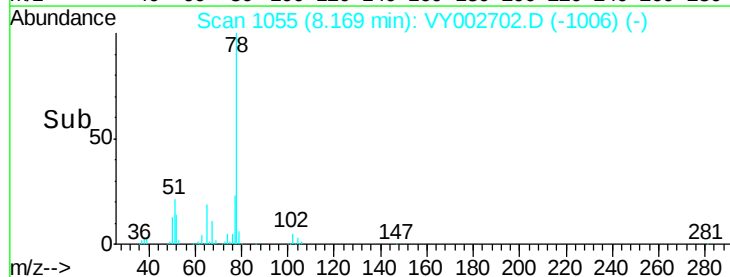
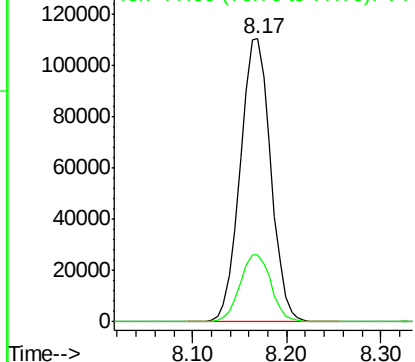


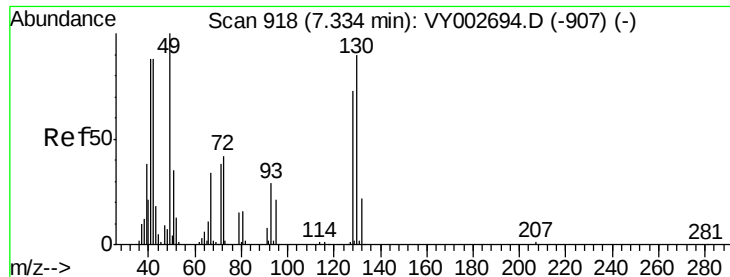
#40
Benzene
Concen: 20.671 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 78 Resp: 250629
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



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

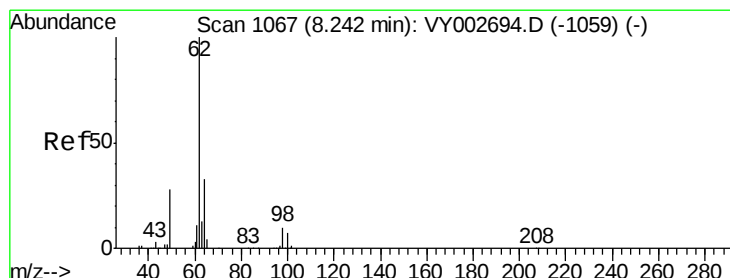
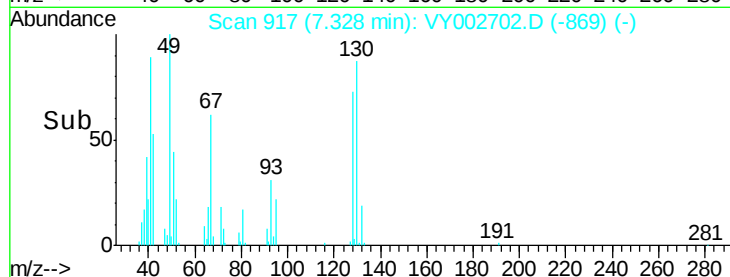
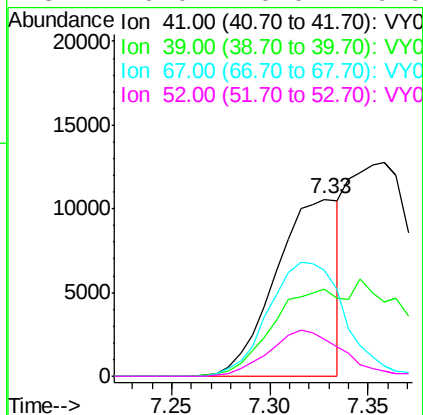
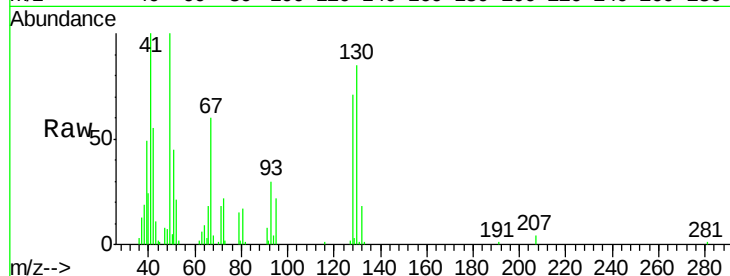




#41
Methacrylonitrile
Concen: 19.244 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

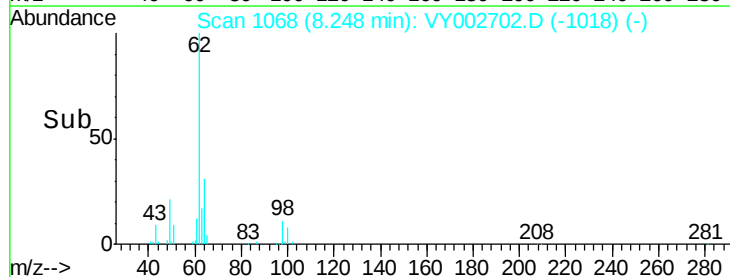
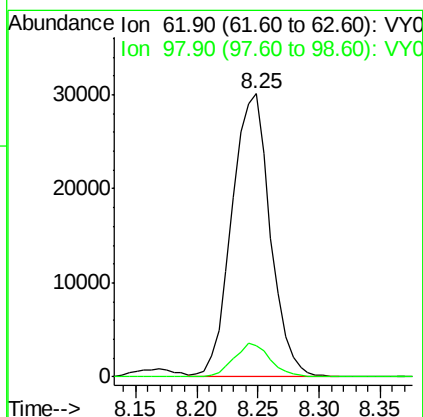
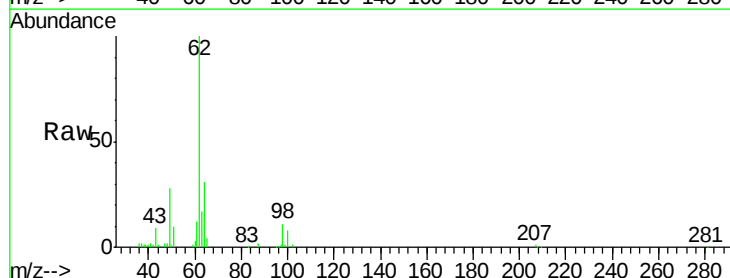
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

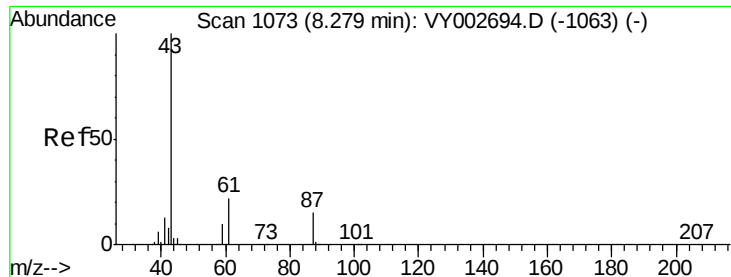
Tot Ion:	41	Resp:	23630
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.497 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion:	62	Resp:	65545
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.8

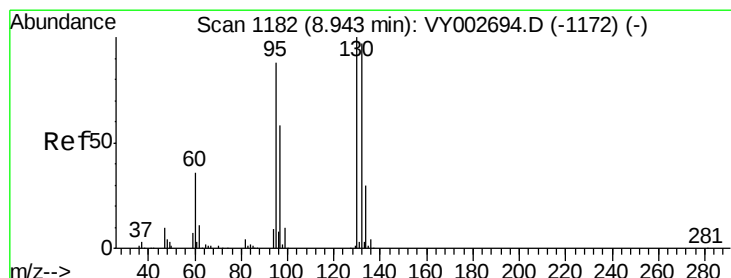
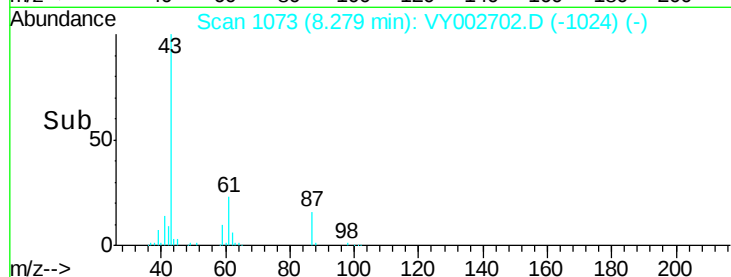
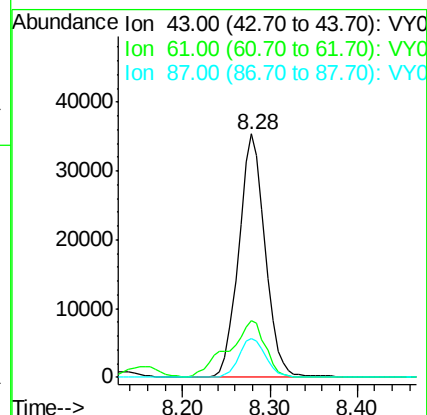
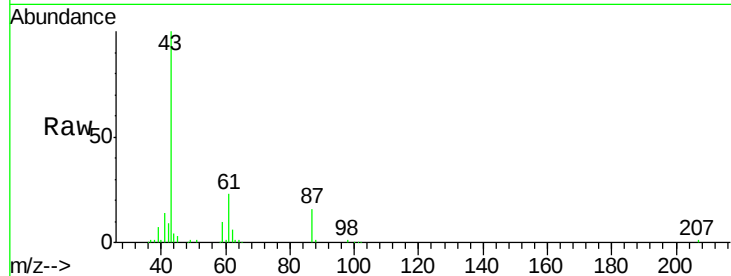




#43
Isopropyl Acetate
Concen: 19.490 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

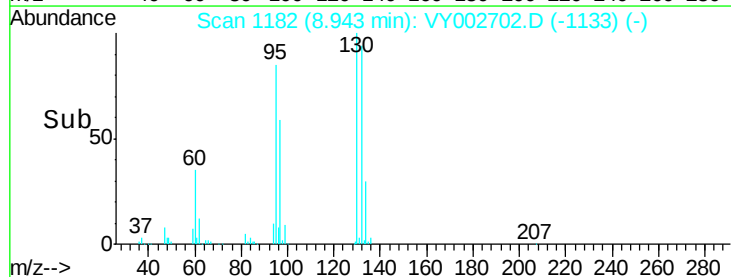
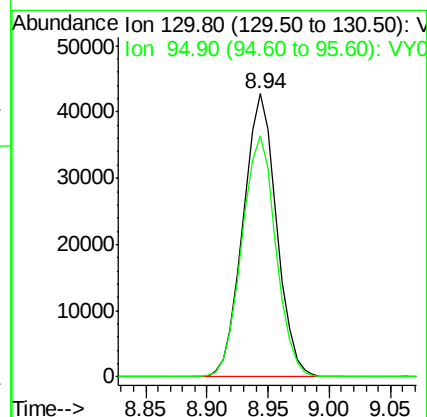
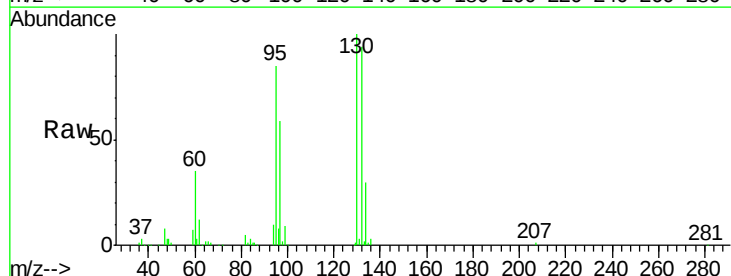
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

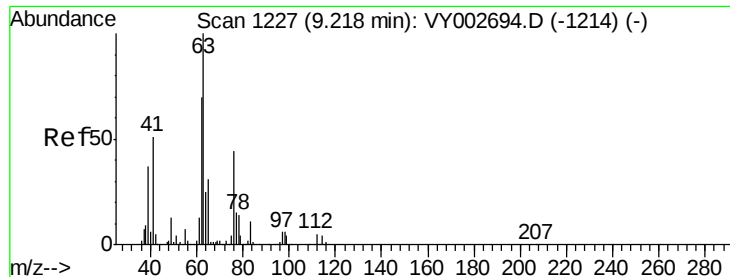
Tot Ion	43	Resp	74029
Ion Ratio	Lower	Upper	
43	100		
61	32.4	24.9	37.3
87	16.2	12.6	19.0



#44
Trichloroethene
Concen: 21.007 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion	130	Resp	81186
Ion Ratio	Lower	Upper	
130	100		
95	85.4	0.0	176.4





#45

1,2-Dichloropropane

Concen: 20.205 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

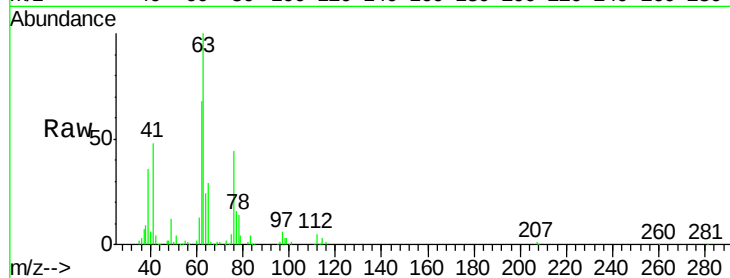
VY0518SBS01

Tot Ion: 63 Resp: 58141

Ion Ratio Lower Upper

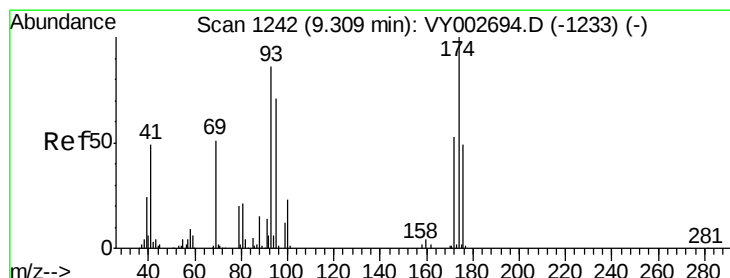
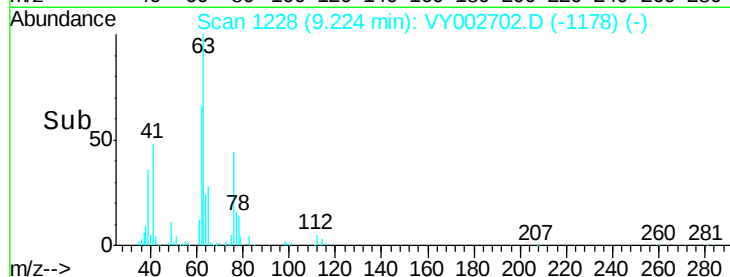
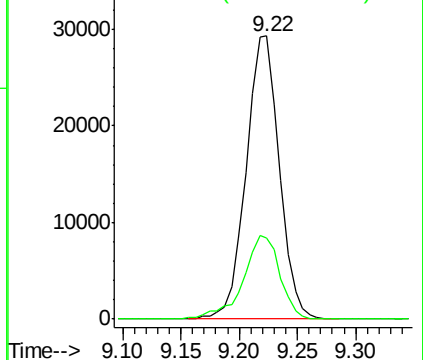
63 100

65 28.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.574 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

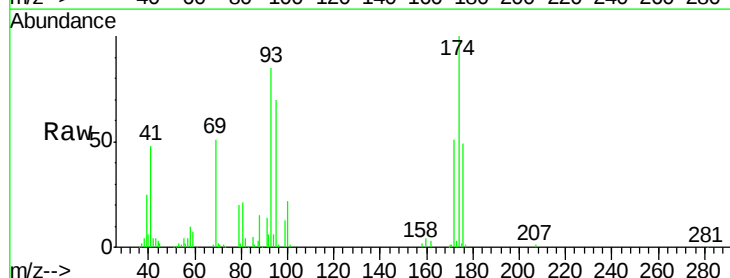
Tgt Ion: 93 Resp: 33262

Ion Ratio Lower Upper

93 100

95 82.8 66.5 99.7

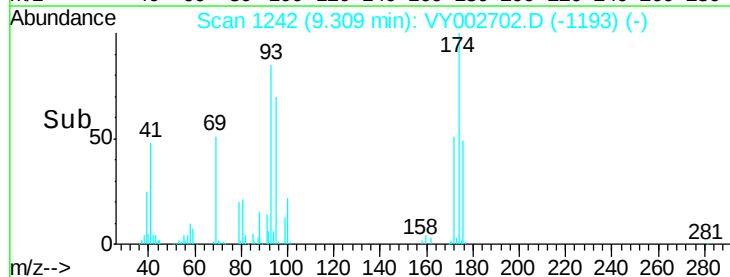
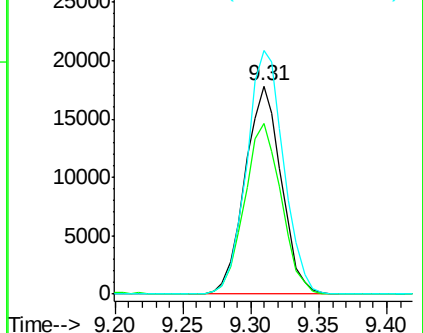
174 119.5 95.6 143.4

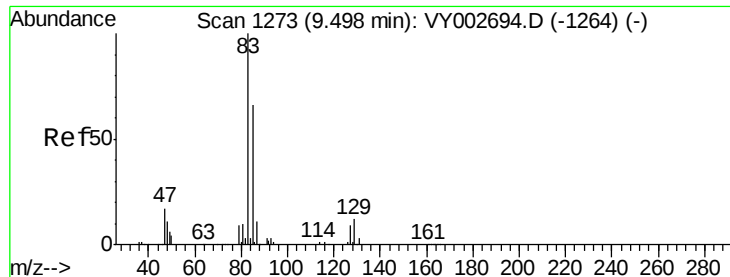


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.717 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

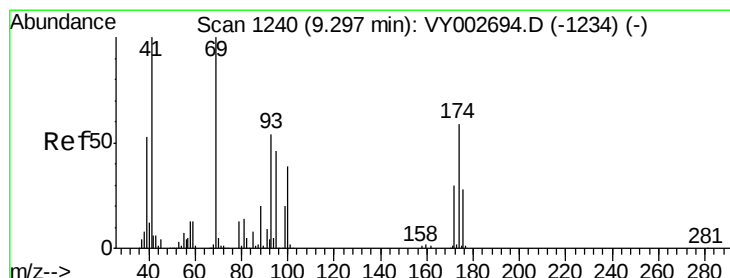
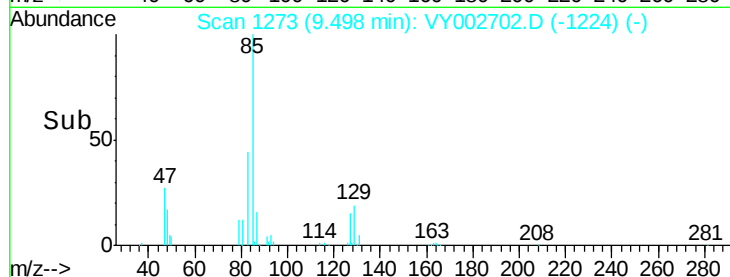
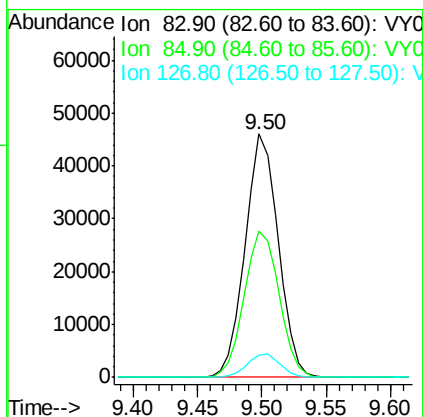
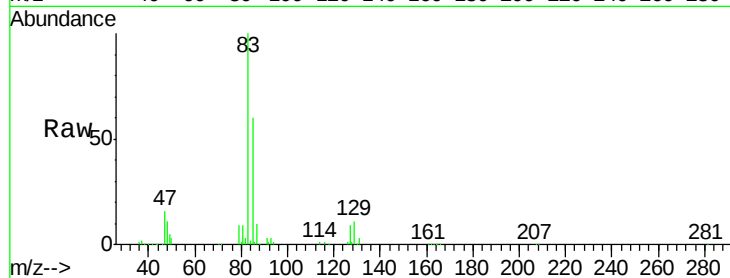
Tot Ion: 83 Resp: 81744

Ion Ratio Lower Upper

83 100

85 60.2 52.4 78.6

127 9.2 7.6 11.4



#48

Methyl methacrylate

Concen: 19.042 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

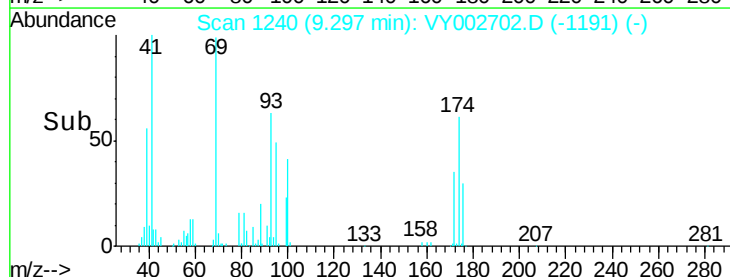
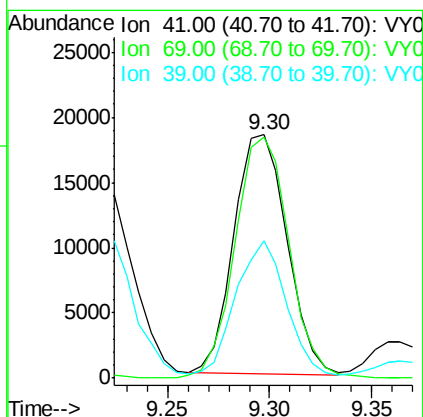
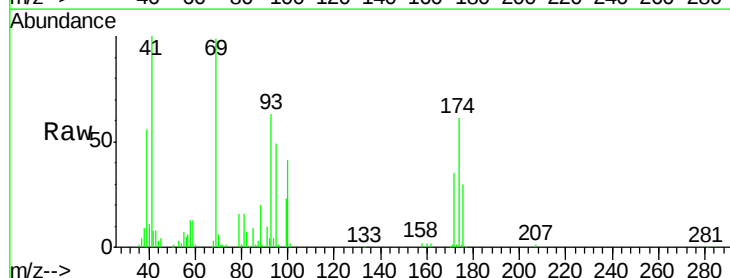
Tgt Ion: 41 Resp: 33302

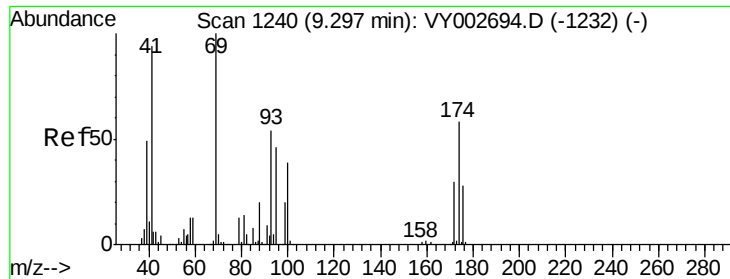
Ion Ratio Lower Upper

41 100

69 102.3 78.7 118.1

39 55.6 42.9 64.3

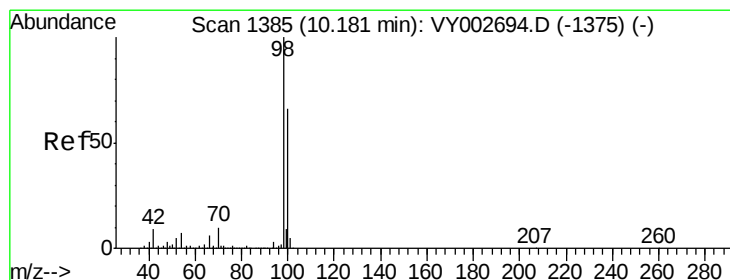
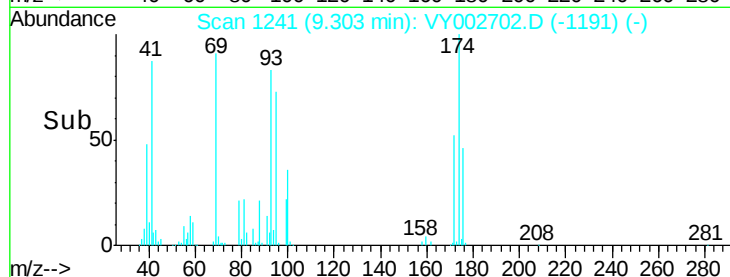
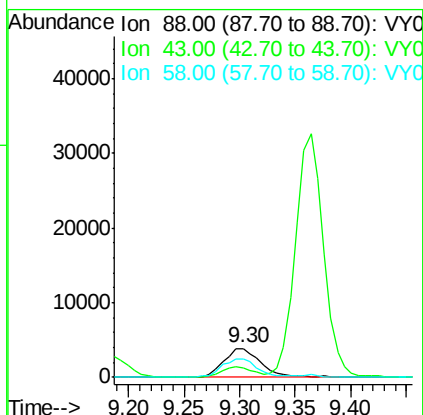
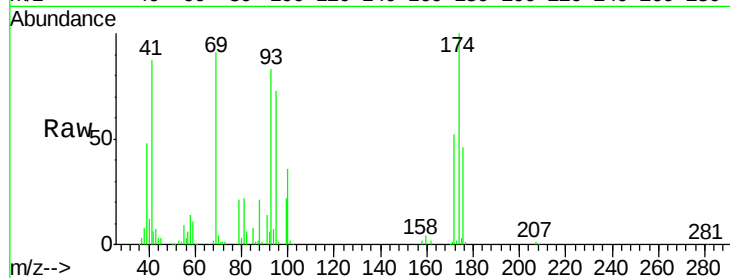




#49
1,4-Dioxane
Concen: 406.288 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

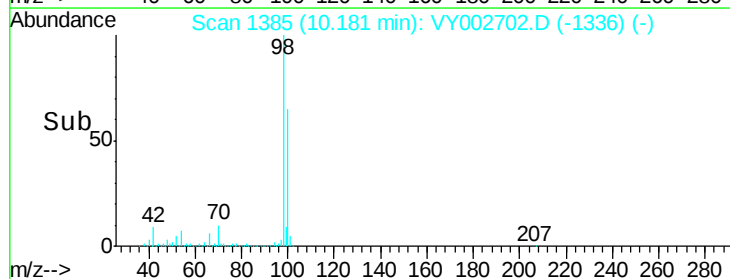
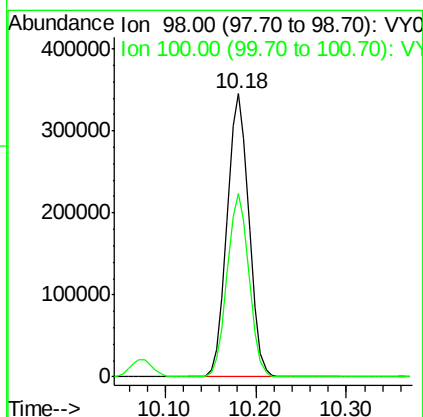
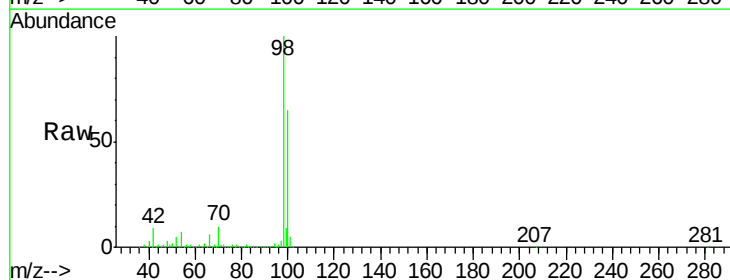
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

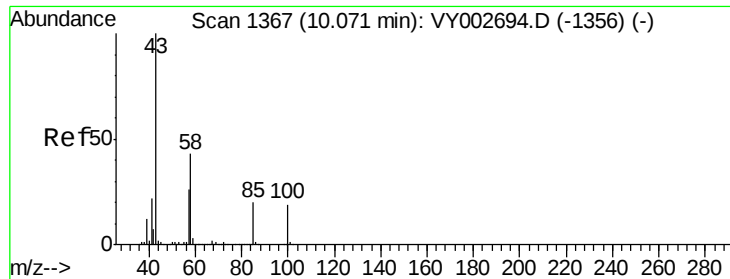
Tot Ion: 88 Resp: 8946
Ion Ratio Lower Upper
88 100
43 30.1 23.4 35.0
58 61.0 54.5 81.7



#50
Toluene-d8
Concen: 52.833 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 98 Resp: 576217
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 99.441 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

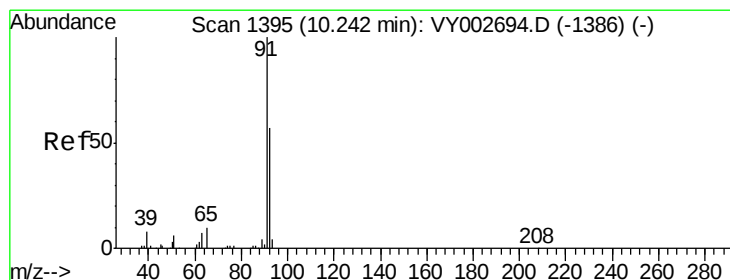
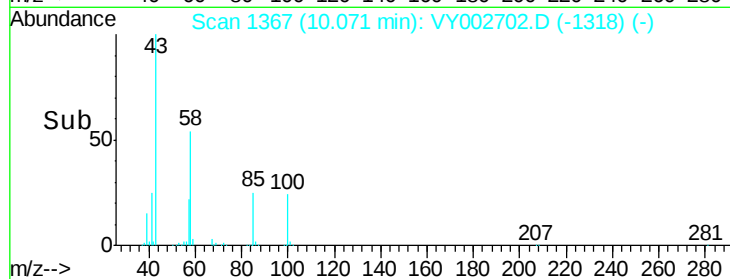
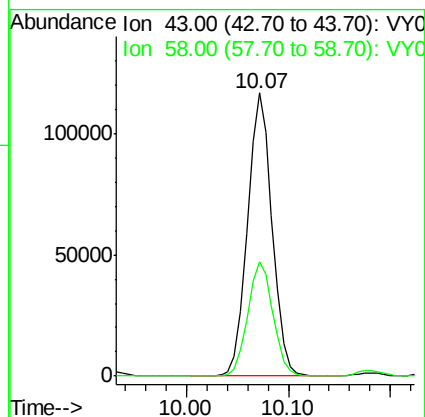
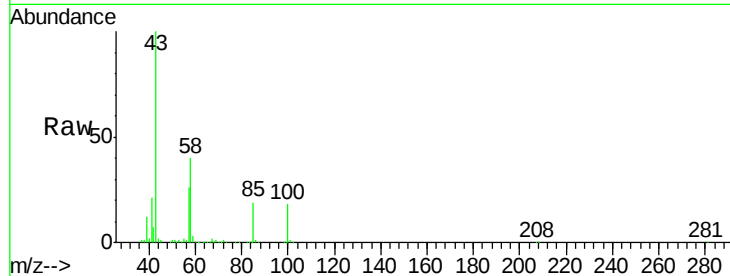
VY0518SBS01

Tot Ion: 43 Resp: 195008

Ion Ratio Lower Upper

43 100

58 41.5 34.1 51.1



#52

Toluene

Concen: 20.745 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002702.D

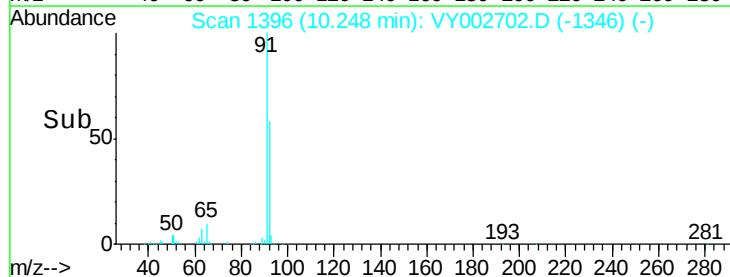
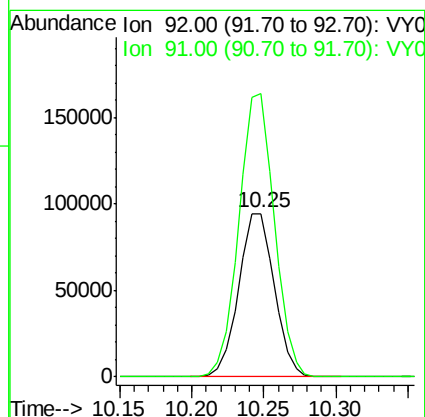
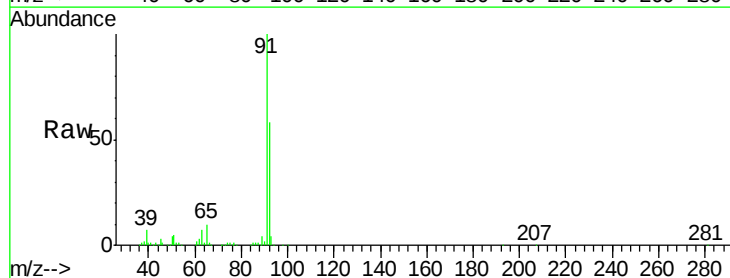
Acq: 18 May 2020 11:43

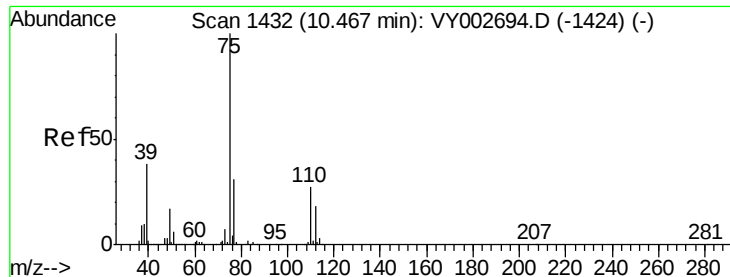
Tgt Ion: 92 Resp: 162773

Ion Ratio Lower Upper

92 100

91 172.1 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 20.553 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

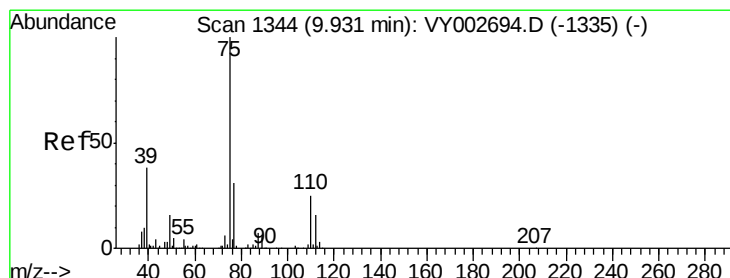
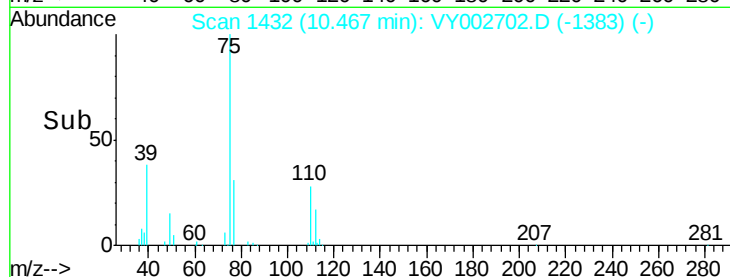
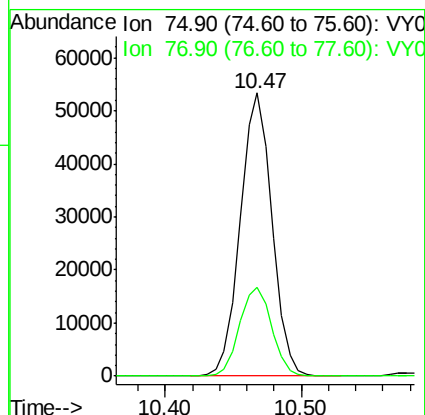
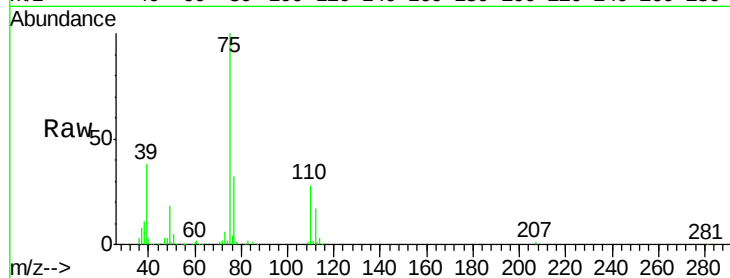
VY0518SBS01

Tot Ion: 75 Resp: 86555

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.526 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

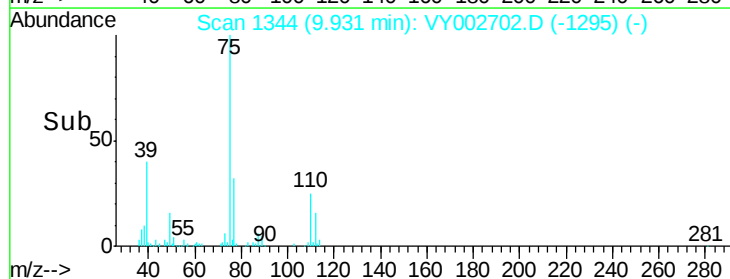
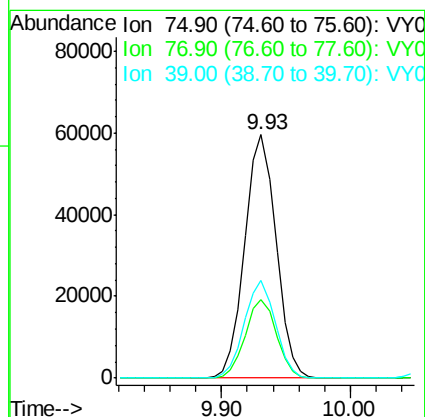
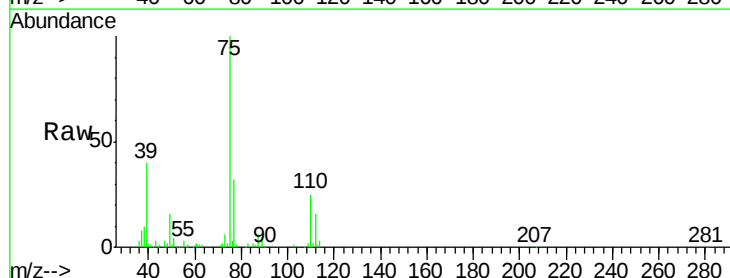
Tgt Ion: 75 Resp: 100213

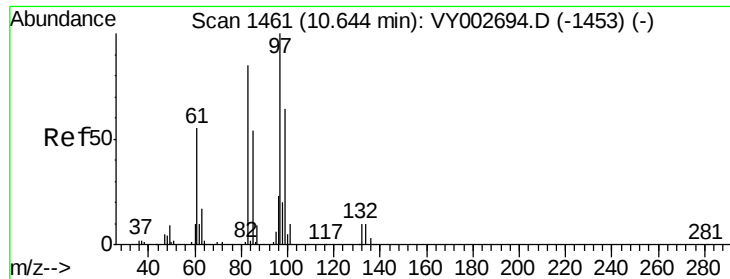
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 40.2 30.7 46.1

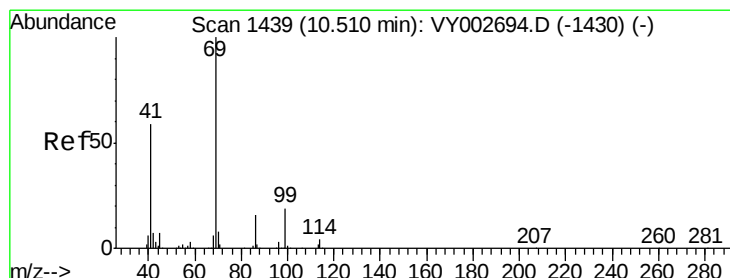
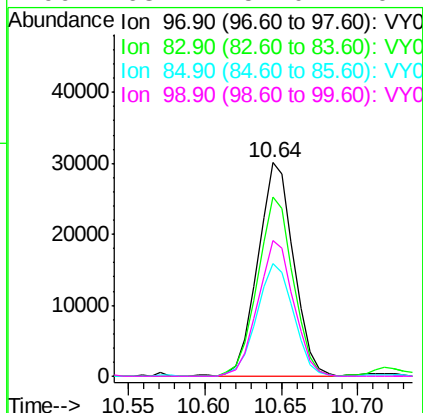
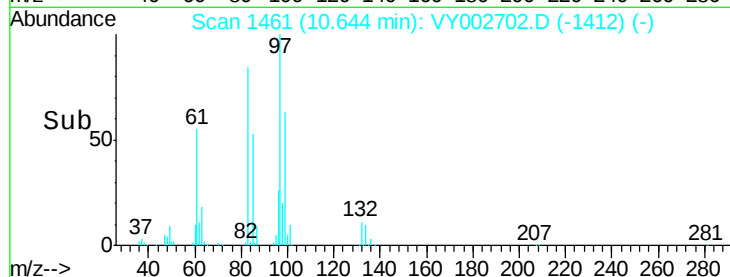
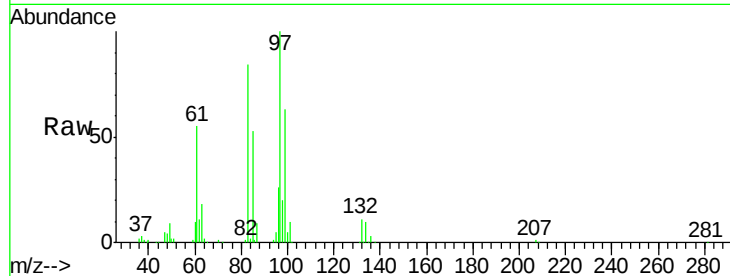




#55
 1,1,2-Trichloroethane
 Concen: 20.490 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

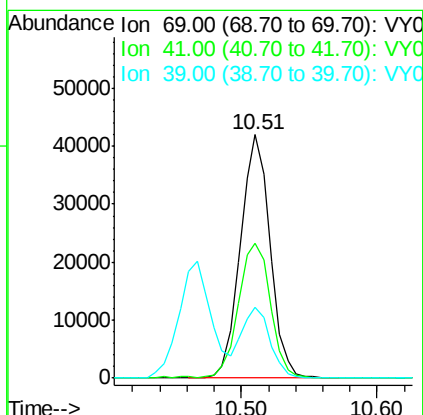
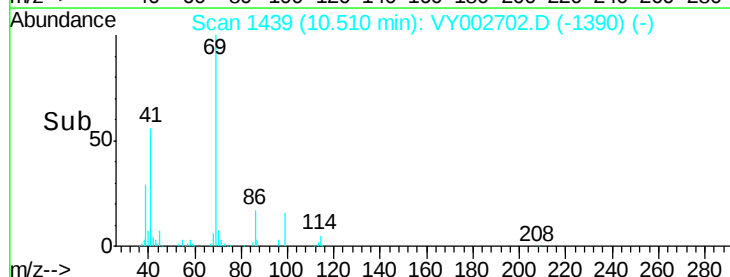
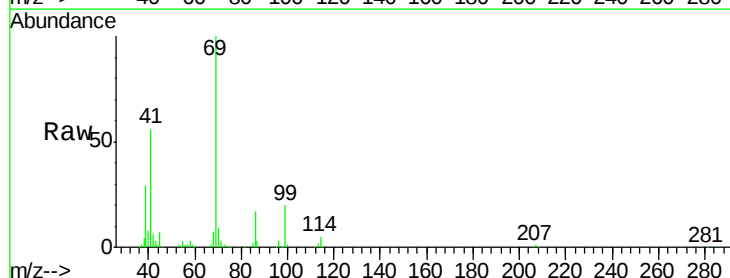
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

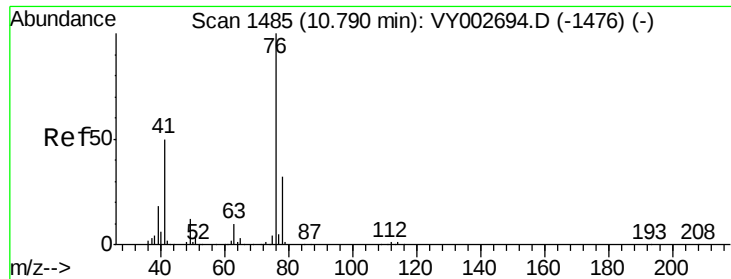
Tot Ion:	97	Resp:	49318
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.1	102.1
85	52.7	43.1	64.7
99	63.4	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 19.953 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion:	69	Resp:	63934
Ion	Ratio	Lower	Upper
69	100		
41	59.3	48.0	72.0
39	28.2	22.1	33.1





#57

1,3-Dichloropropane

Concen: 20.305 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

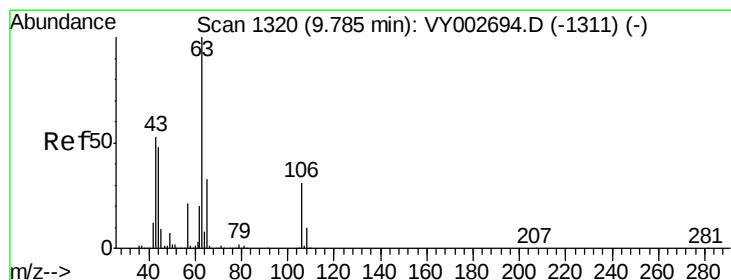
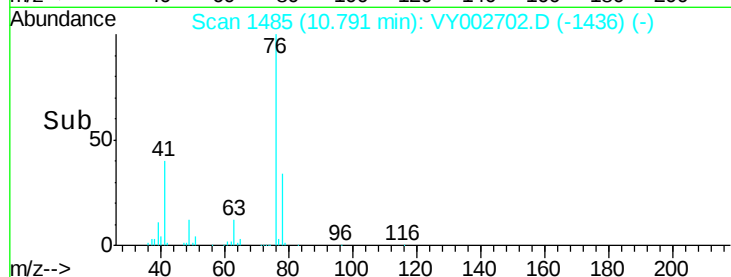
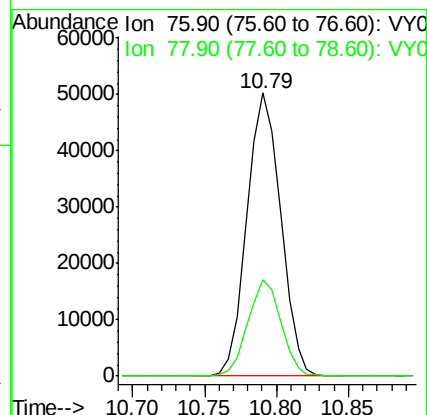
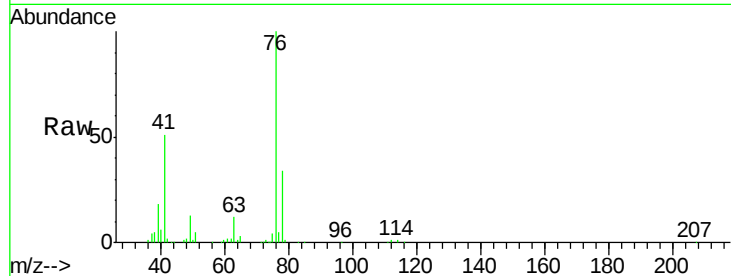
VY0518SBS01

Tot Ion: 76 Resp: 81899

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.925 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002702.D

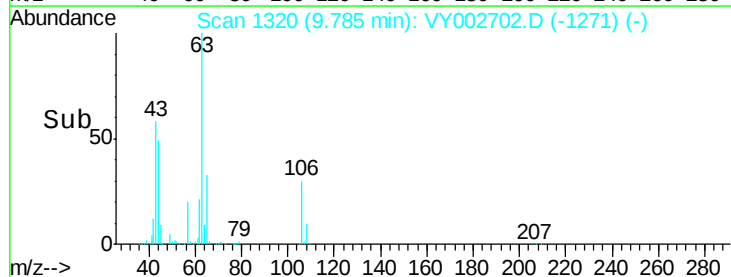
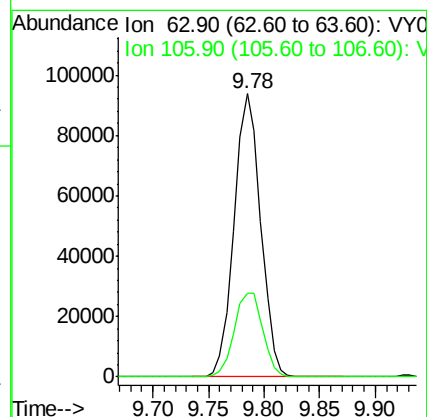
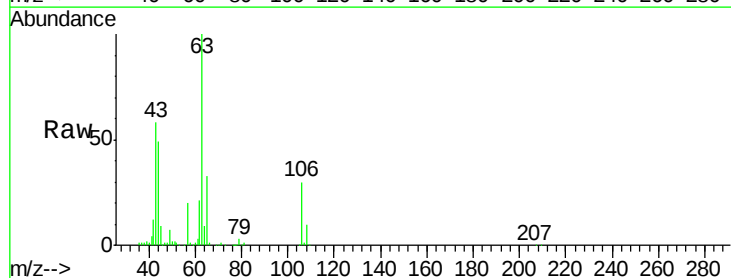
Acq: 18 May 2020 11:43

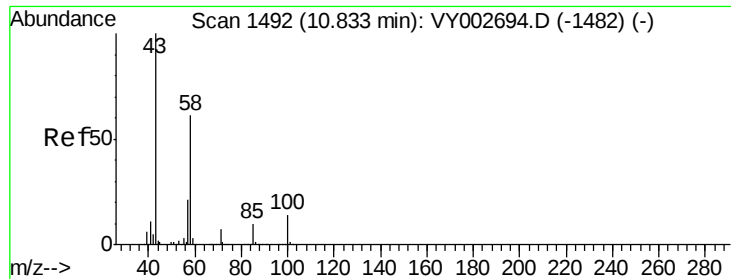
Tgt Ion: 63 Resp: 154903

Ion Ratio Lower Upper

63 100

106 31.8 25.1 37.7

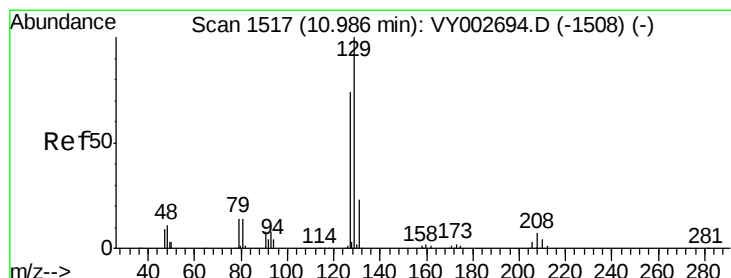
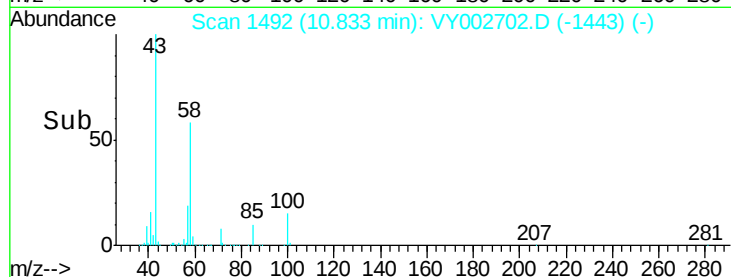
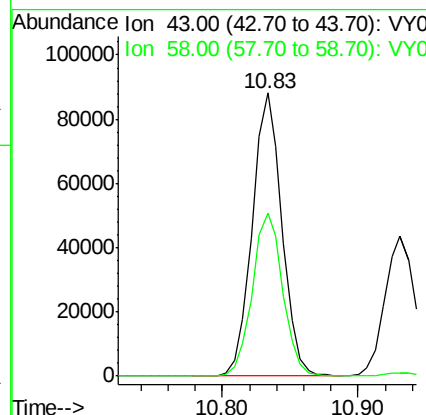
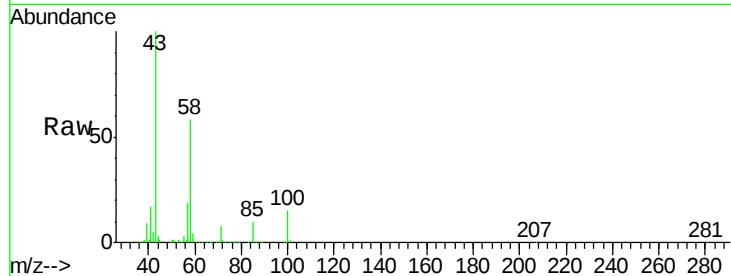




#59
2-Hexanone
Concen: 98.748 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

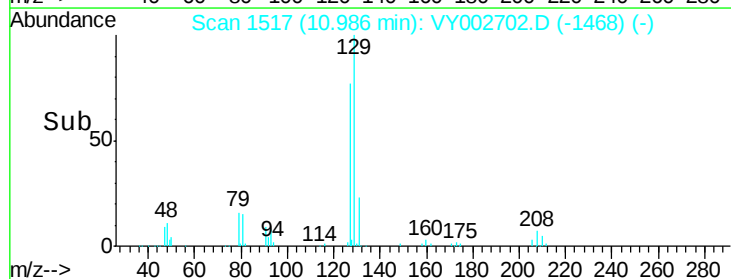
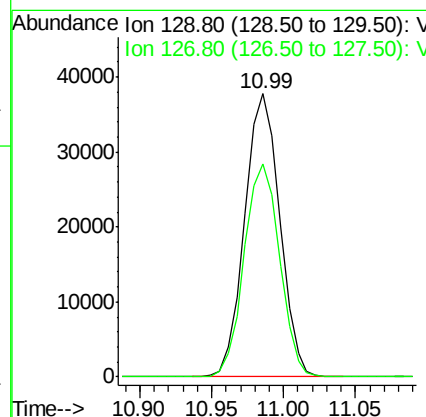
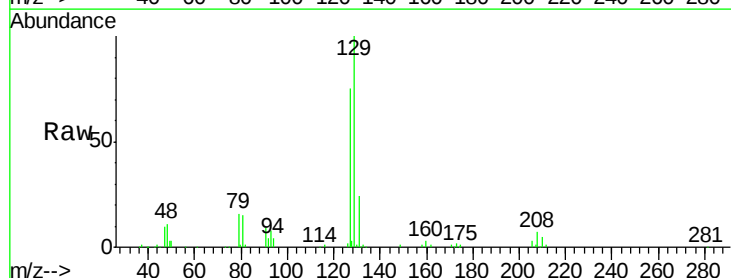
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

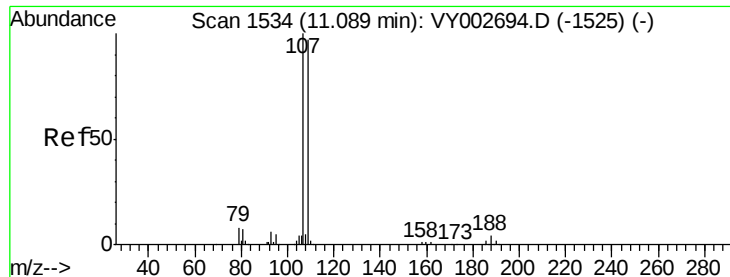
Tot Ion: 43 Resp: 134915
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.4



#60
Dibromochloromethane
Concen: 20.724 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion: 129 Resp: 63723
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3

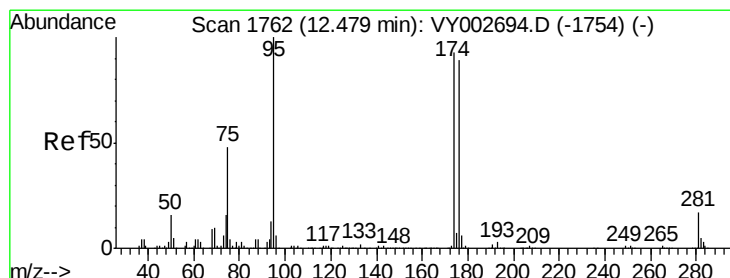
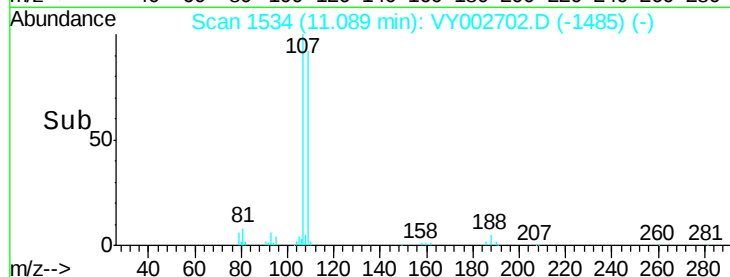
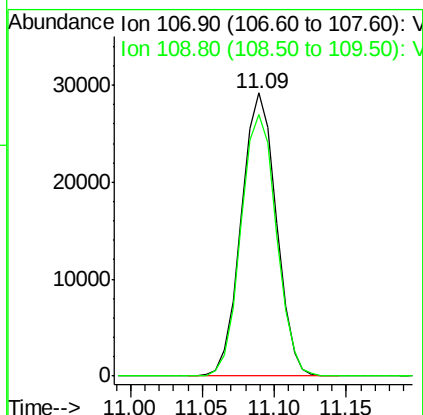
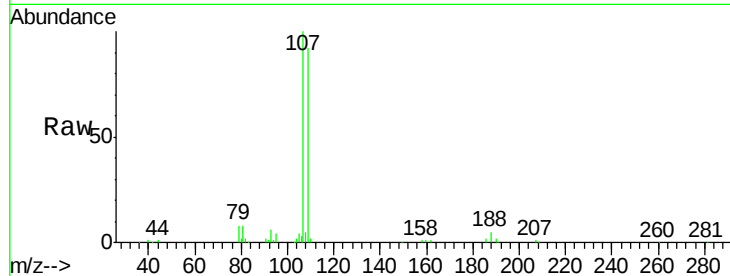




#61
 1,2-Dibromoethane
 Concen: 20.698 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

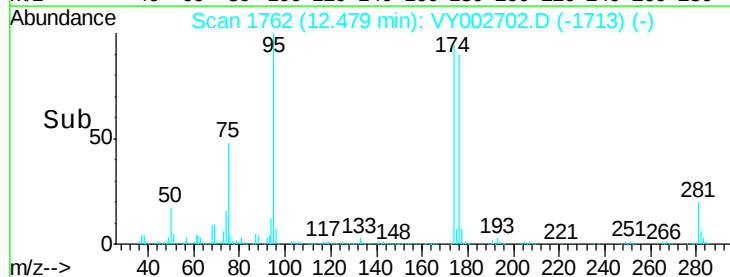
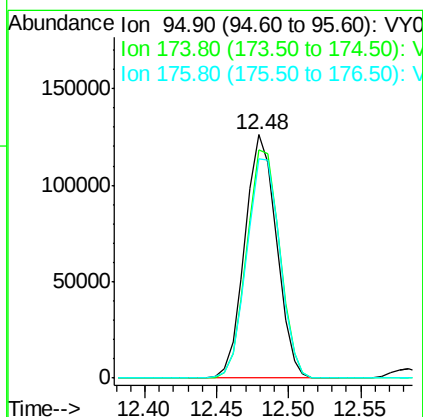
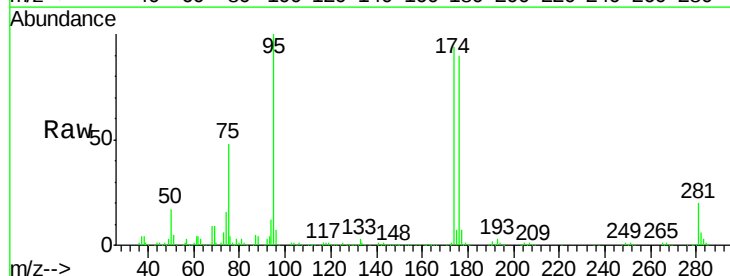
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

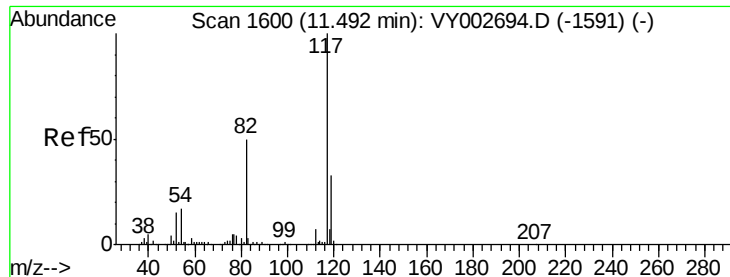
Tot Ion: 107 Resp: 49083
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 51.144 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 95 Resp: 191716
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 191.4
 176 94.5 0.0 186.0

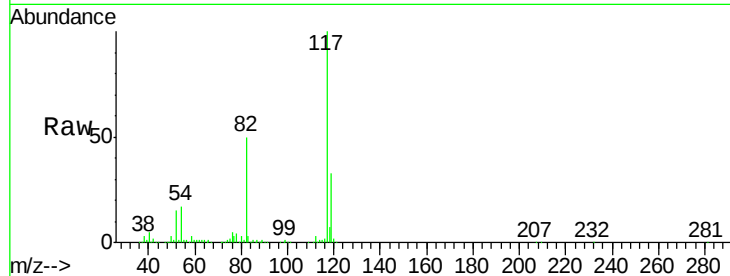




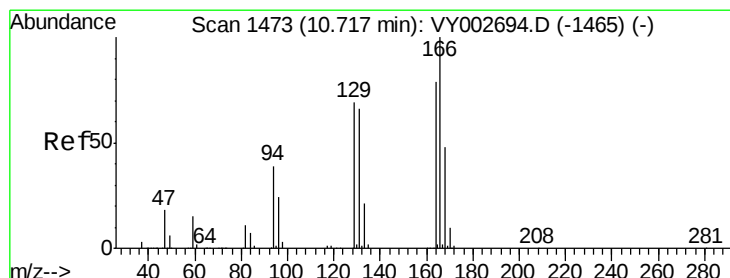
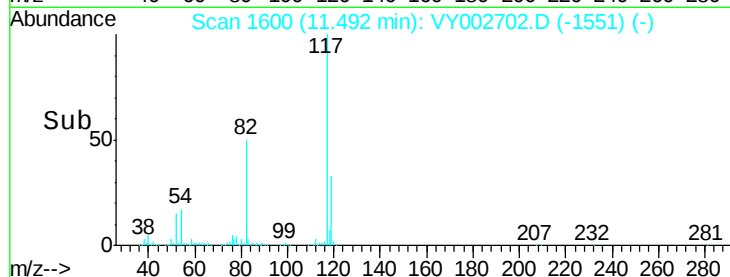
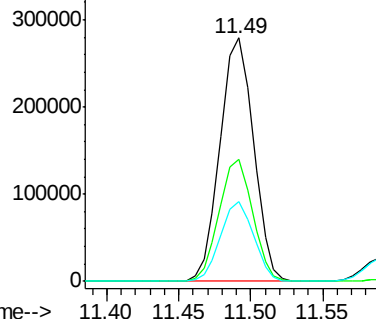
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

Tot Ion:117 Resp: 451689
Ion Ratio Lower Upper
117 100
82 50.3 40.3 60.5
119 32.9 26.2 39.4

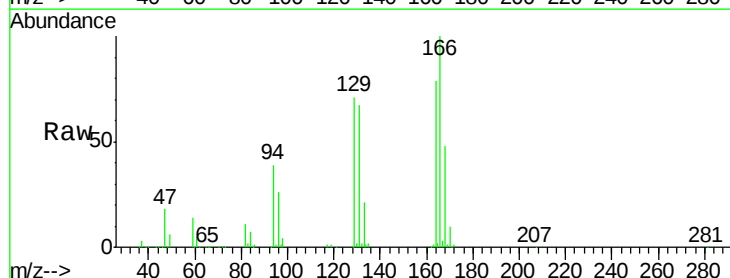


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

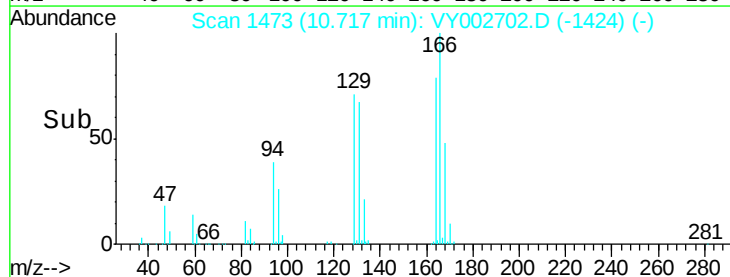
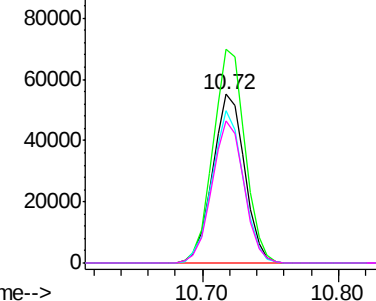


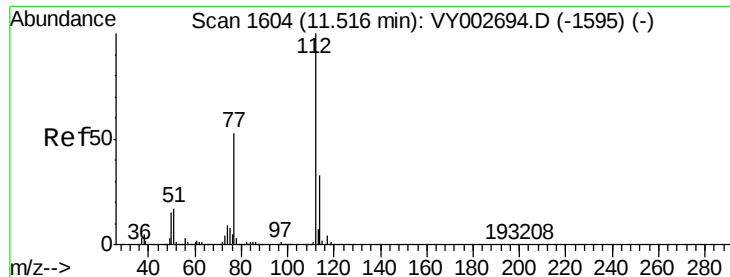
#64
Tetrachloroethene
Concen: 21.116 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion:164 Resp: 90550
Ion Ratio Lower Upper
164 100
166 126.9 101.6 152.4
129 90.2 70.2 105.4
131 84.6 67.4 101.0



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

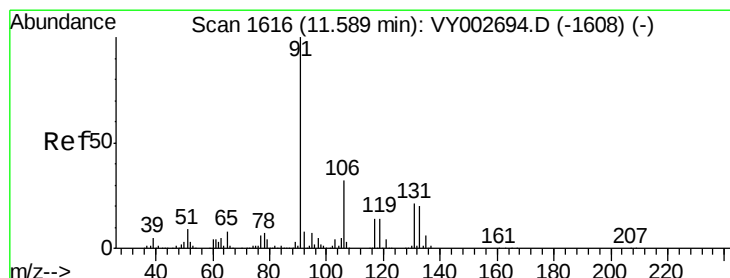
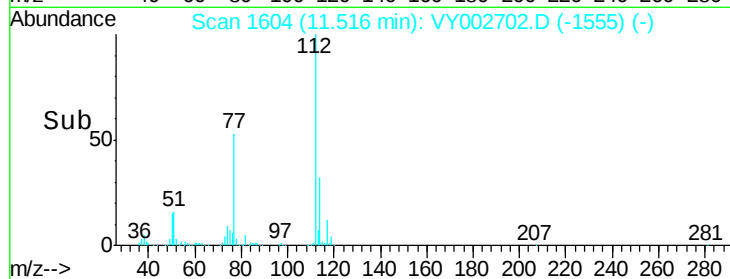
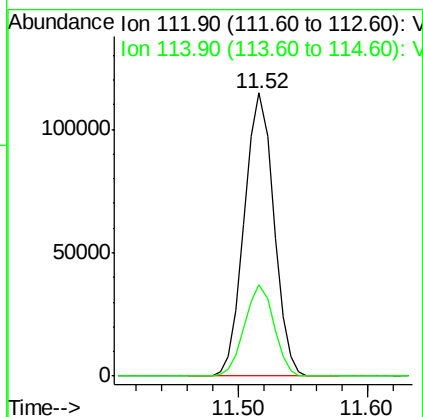
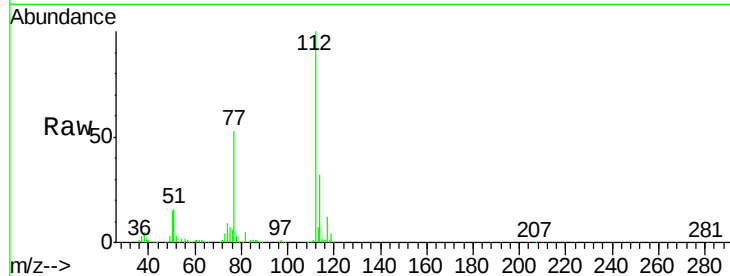




#65
Chlorobenzene
Concen: 20.807 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

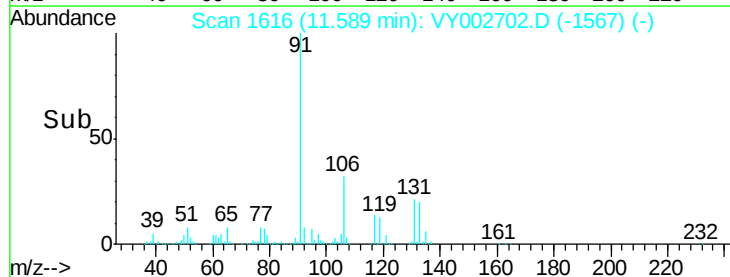
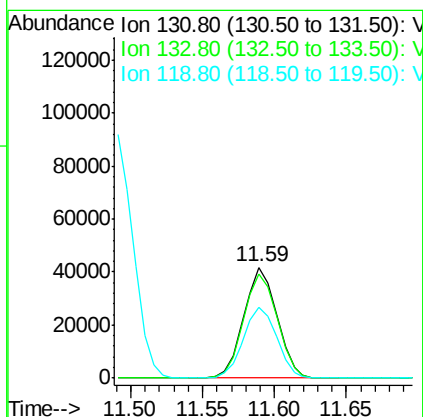
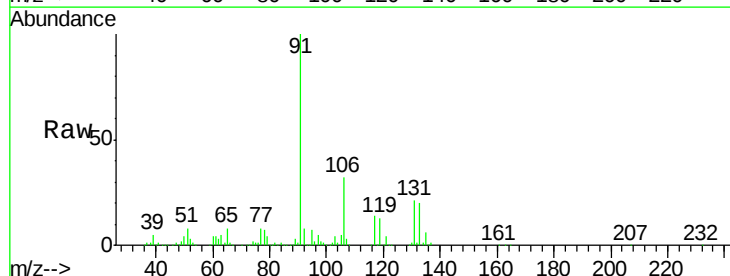
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

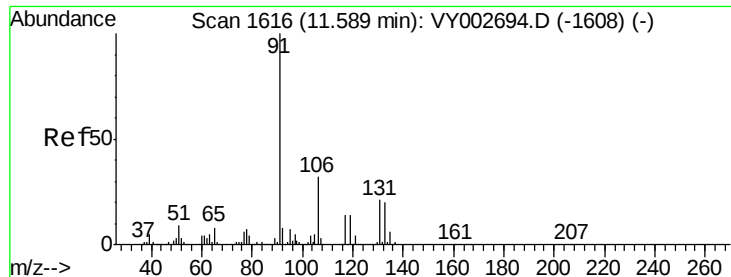
Tot Ion:112 Resp: 181614
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.512 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion:131 Resp: 66448
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.3
119 64.8 31.6 94.8





#67

Ethyl Benzene

Concen: 20.797 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

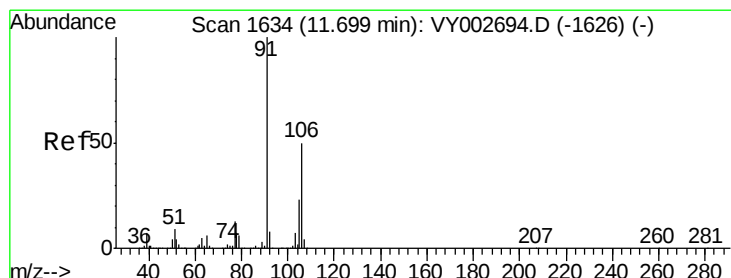
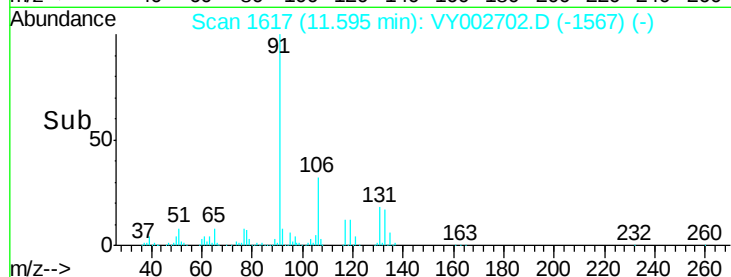
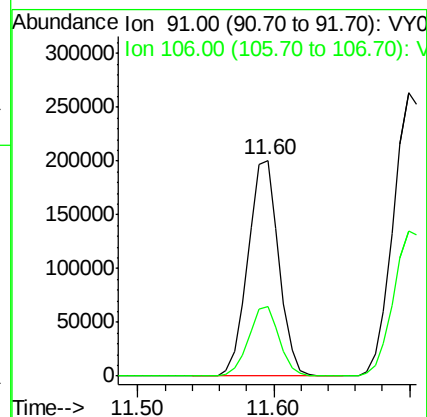
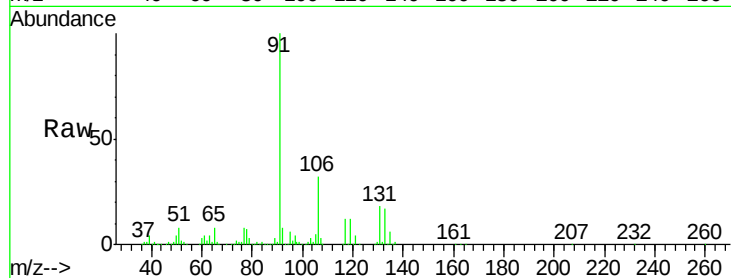
VY0518SBS01

Tot Ion: 91 Resp: 318715

Ion Ratio Lower Upper

91 100

106 32.0 26.0 39.0



#68

m/p-Xylenes

Concen: 41.650 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002702.D

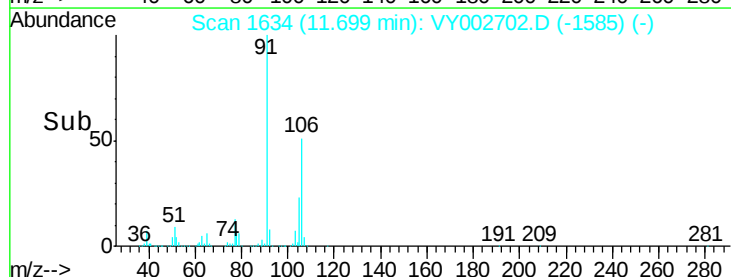
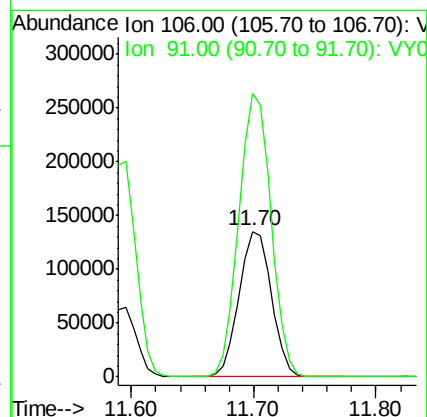
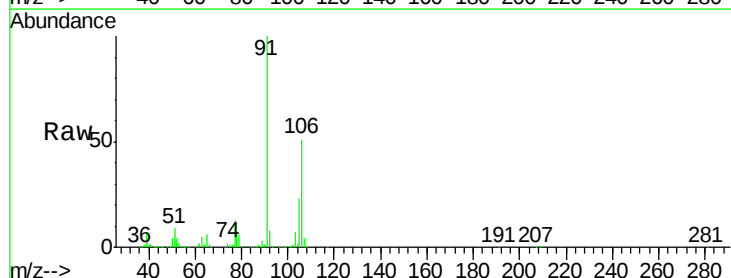
Acq: 18 May 2020 11:43

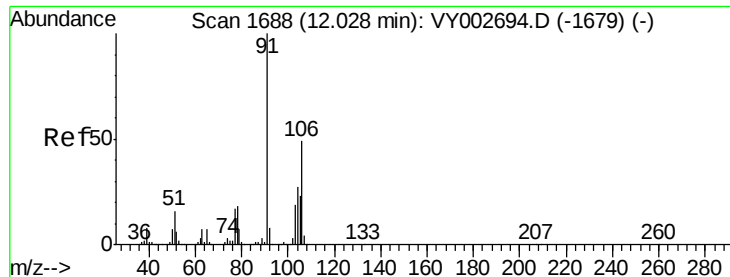
Tgt Ion: 106 Resp: 248330

Ion Ratio Lower Upper

106 100

91 193.9 156.2 234.4

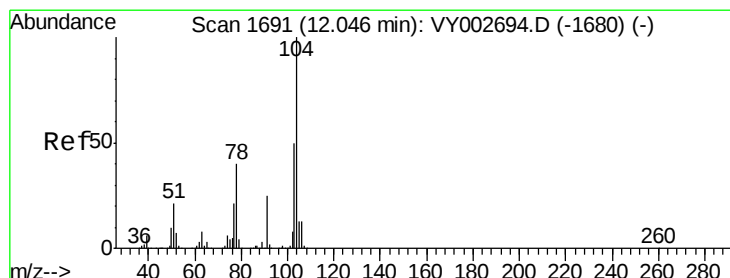
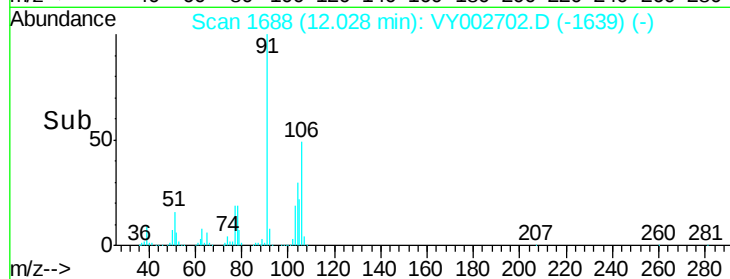
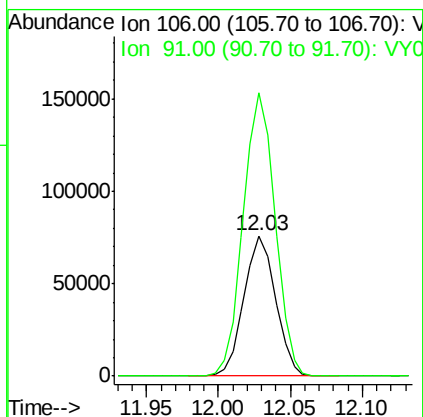
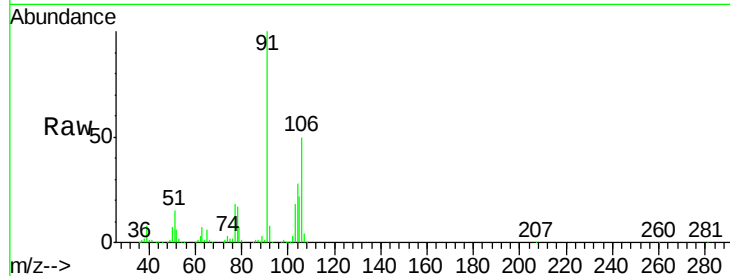




#69
o-Xylene
Concen: 20.681 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

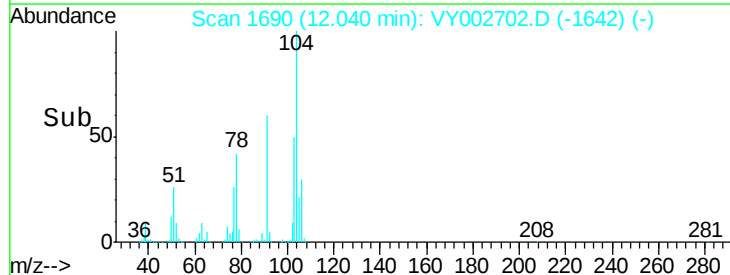
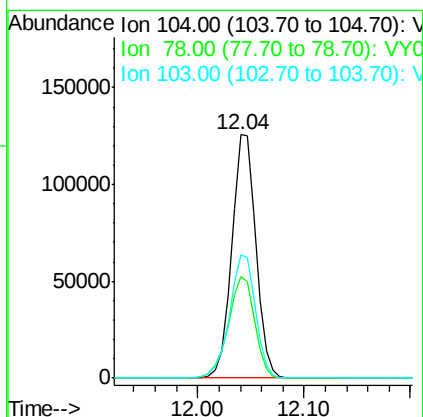
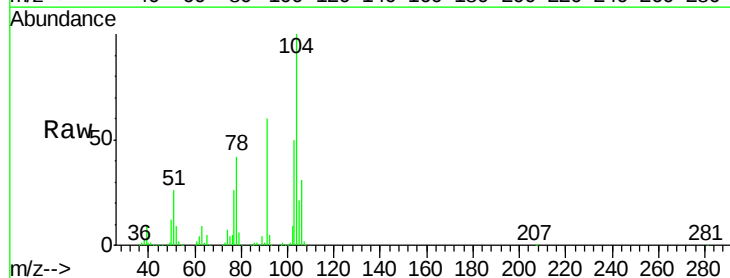
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

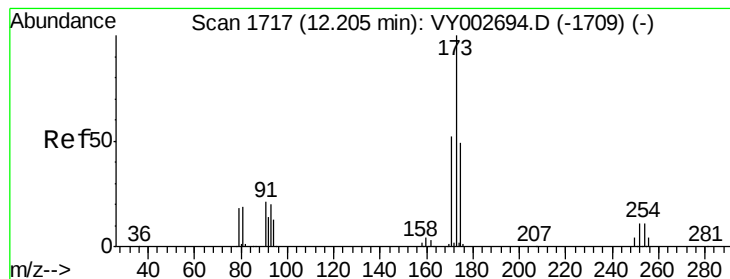
Tot Ion:106 Resp: 115732
Ion Ratio Lower Upper
106 100
91 202.9 103.5 310.3



#70
Styrene
Concen: 20.771 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion:104 Resp: 199566
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 54.4 44.1 66.1





#71

Bromoform

Concen: 20.795 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

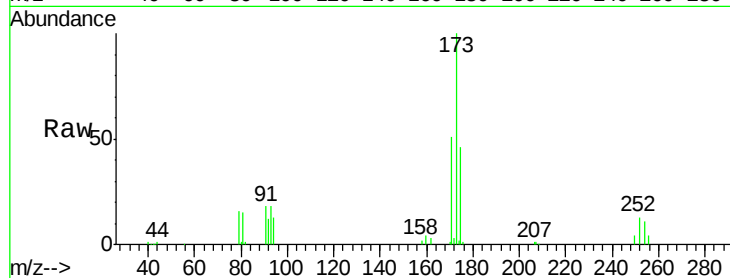
Tot Ion:173 Resp: 41640

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

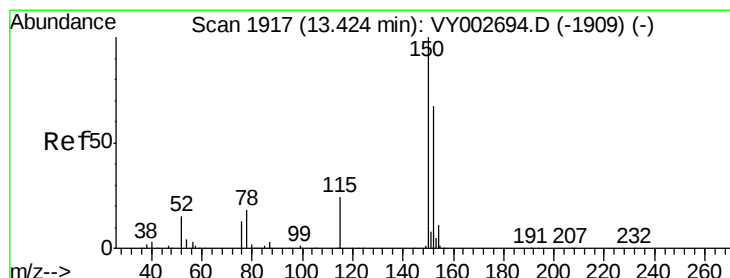
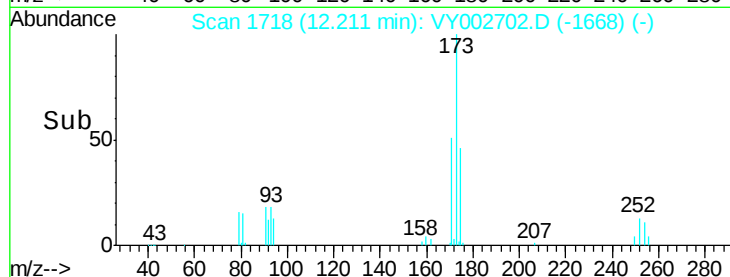
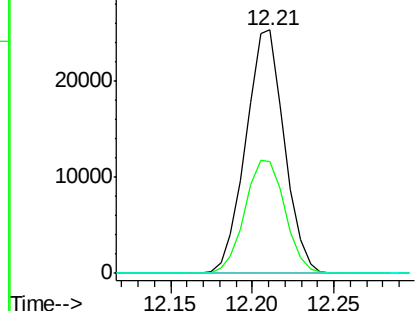
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

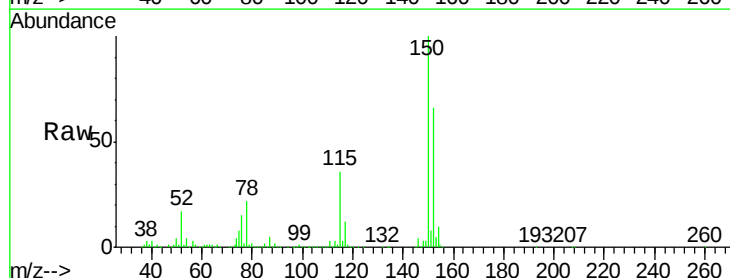
Tgt Ion:152 Resp: 241165

Ion Ratio Lower Upper

152 100

115 53.6 27.2 81.6

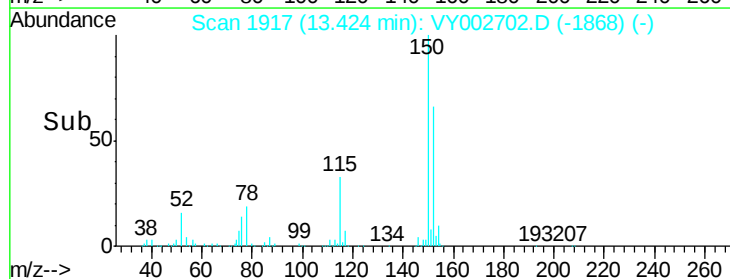
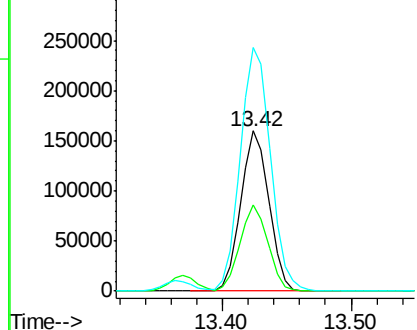
150 162.8 0.0 343.8

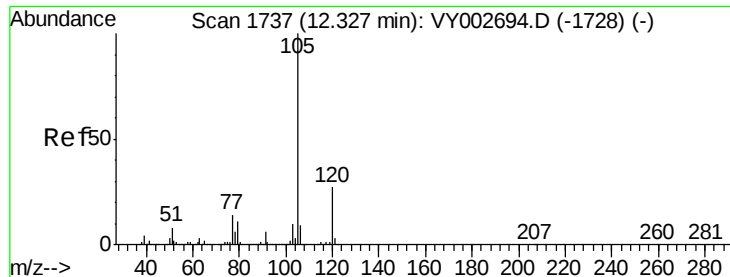


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.284 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

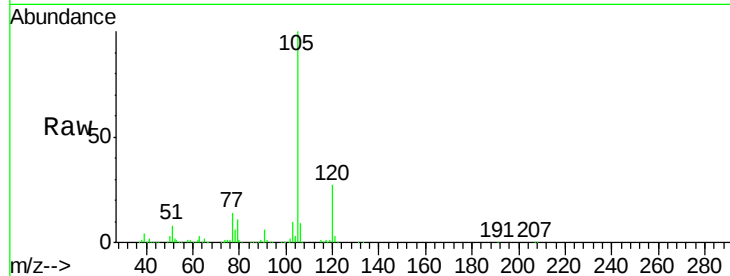
VY0518SBS01

Tot Ion:105 Resp: 319637

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

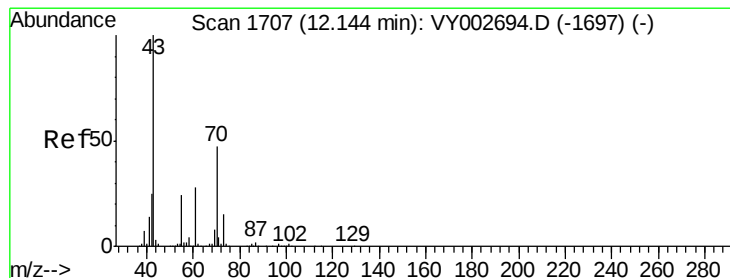
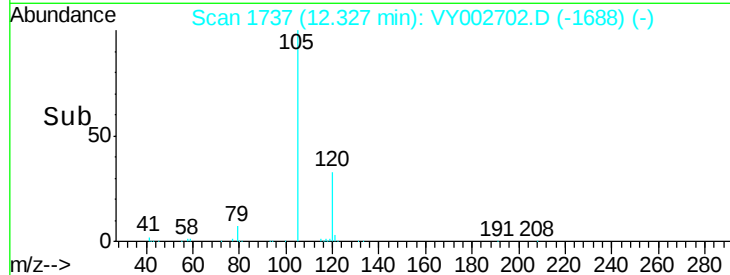
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 19.261 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Tgt Ion: 43 Resp: 71222

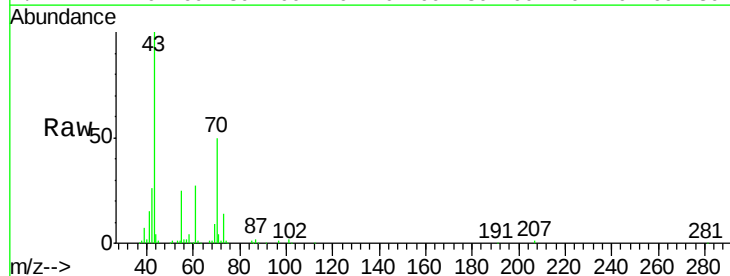
Ion Ratio Lower Upper

43 100

70 48.3 37.7 56.5

55 24.8 19.4 29.0

61 26.4 21.3 31.9



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

60000

40000

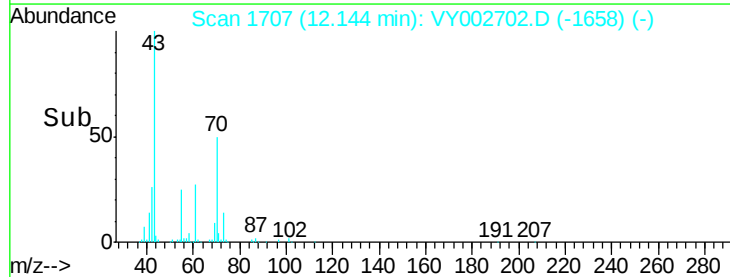
20000

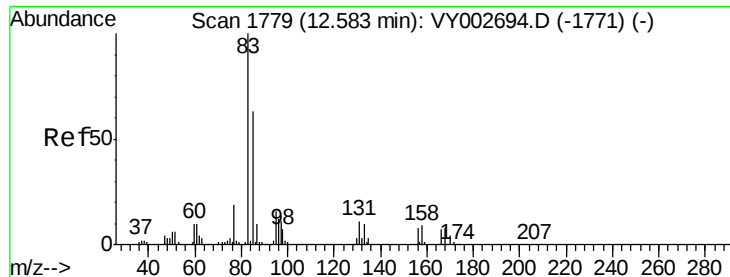
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.668 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

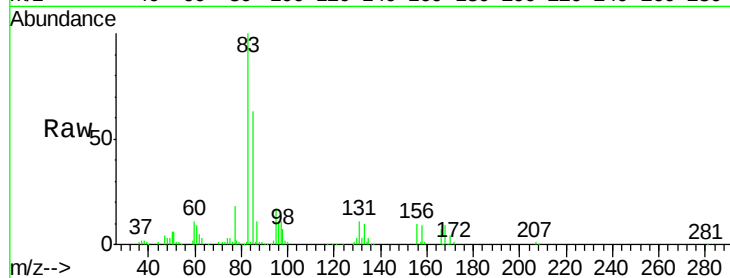
Tot Ion: 83 Resp: 45640

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

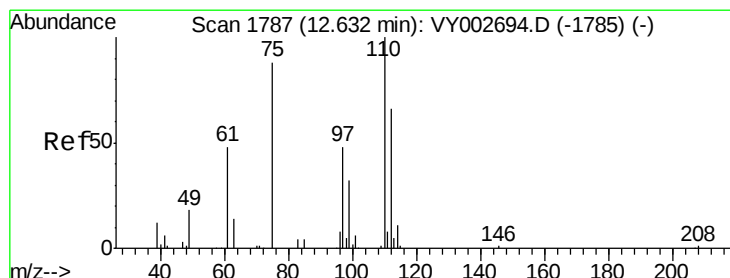
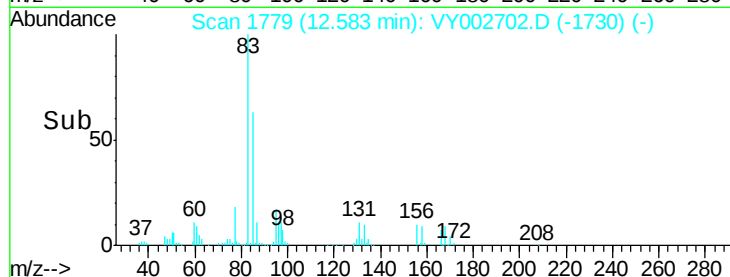
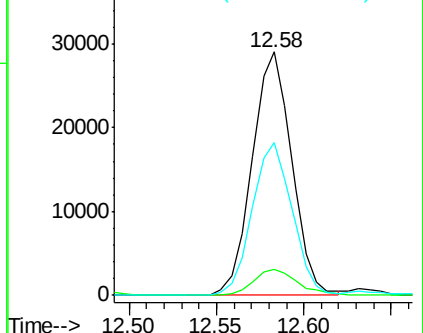
85 63.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002702.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002702.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002702.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 19.807 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002702.D

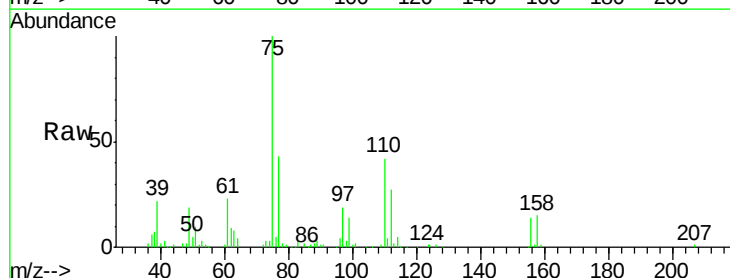
Acq: 18 May 2020 11:43

Tgt Ion: 75 Resp: 39240

Ion Ratio Lower Upper

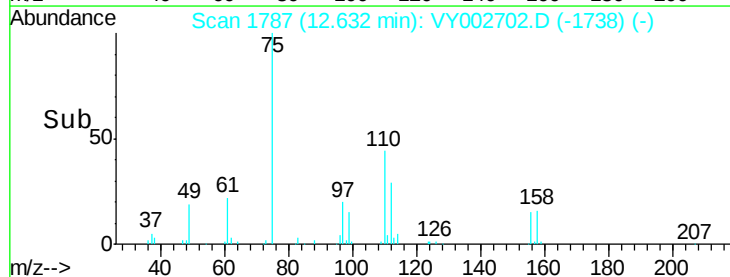
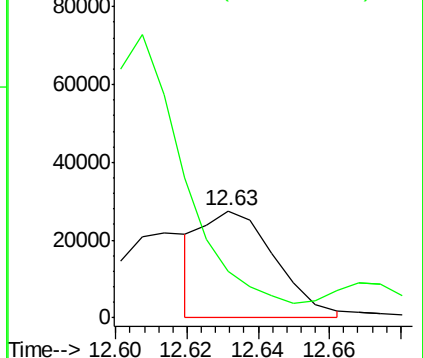
75 100

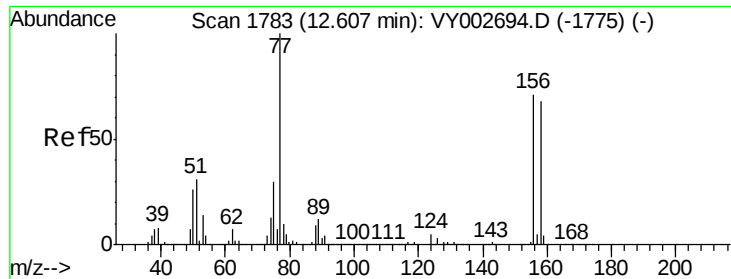
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002702.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002702.D (-1738) (-)





#77

Bromobenzene

Concen: 20.350 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

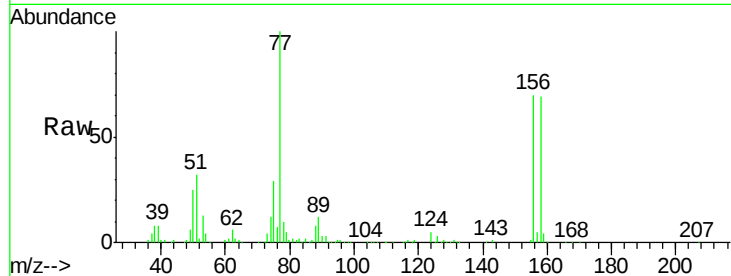
Tot Ion:156 Resp: 80173

Ion Ratio Lower Upper

156 100

77 156.6 80.8 242.3

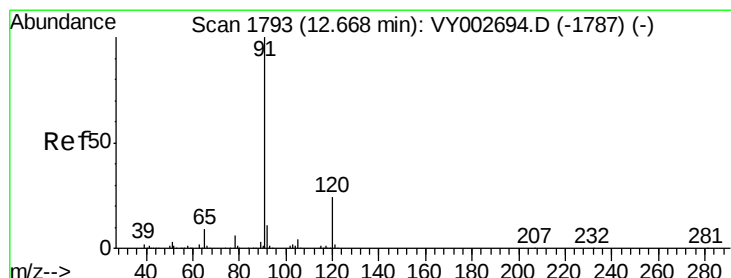
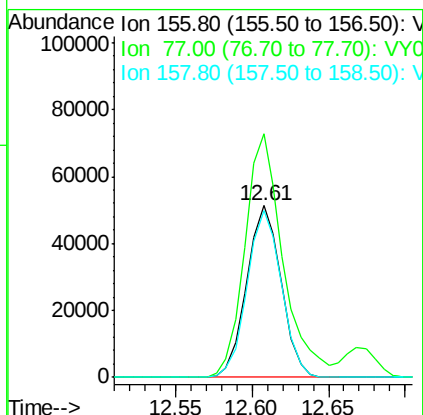
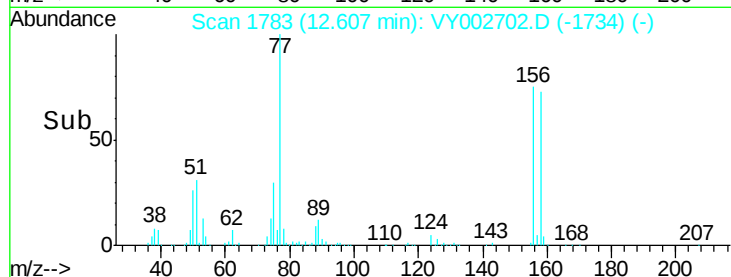
158 96.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.367 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002702.D

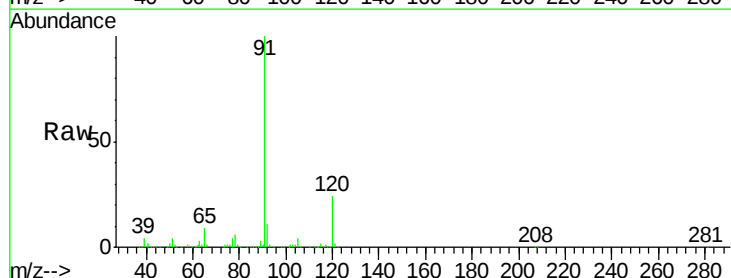
Acq: 18 May 2020 11:43

Tgt Ion: 91 Resp: 373365

Ion Ratio Lower Upper

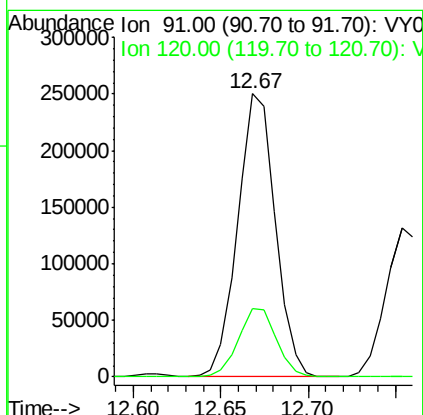
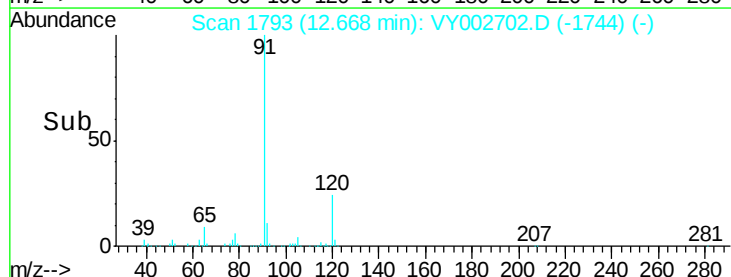
91 100

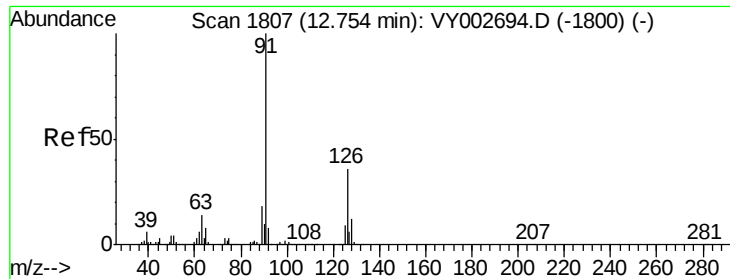
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

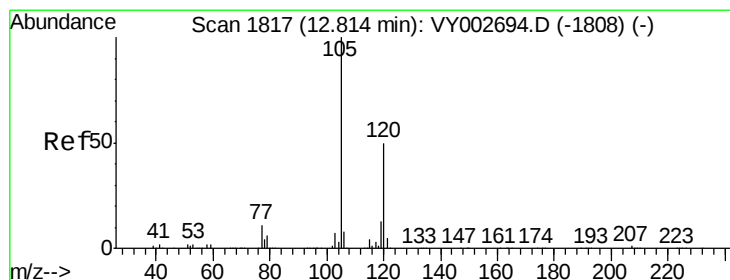
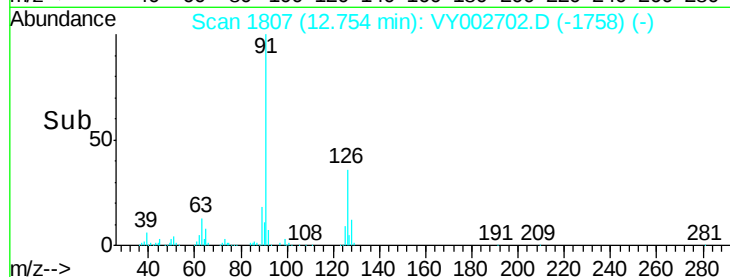
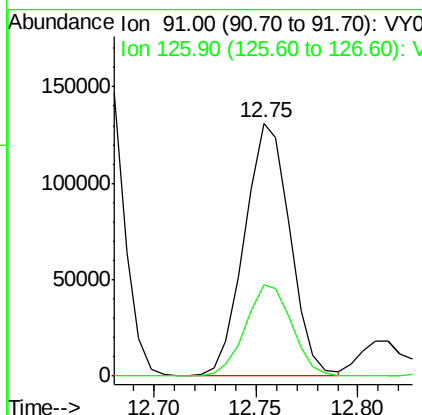
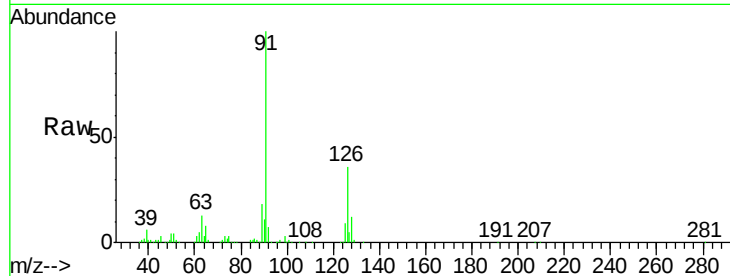




#79
 2-Chlorotoluene
 Concen: 20.044 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

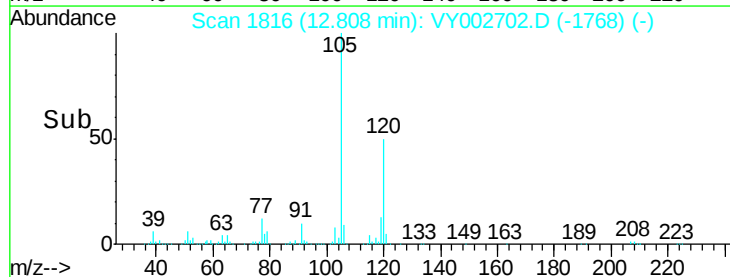
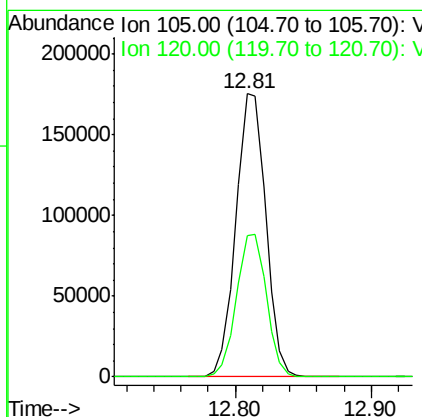
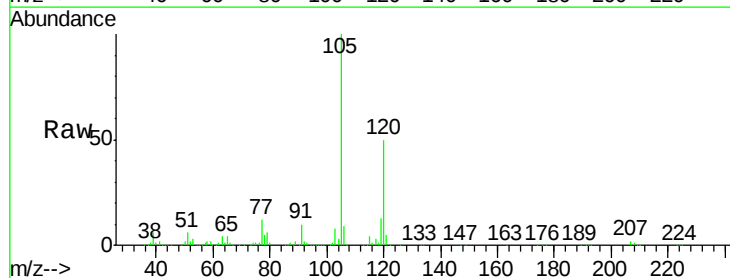
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

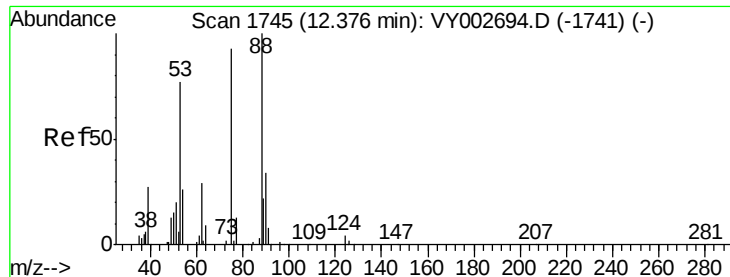
Tot Ion: 91 Resp: 203794
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.311 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion: 105 Resp: 268939
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.421 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

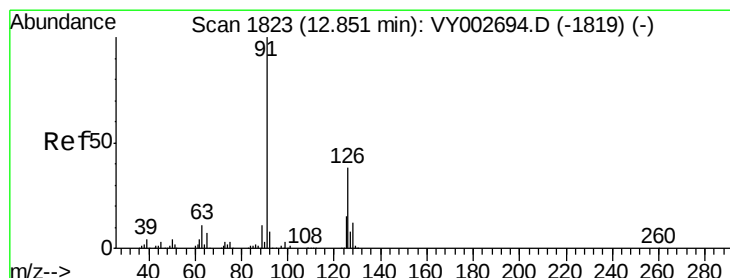
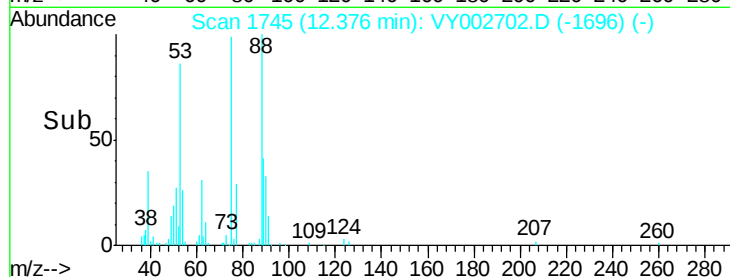
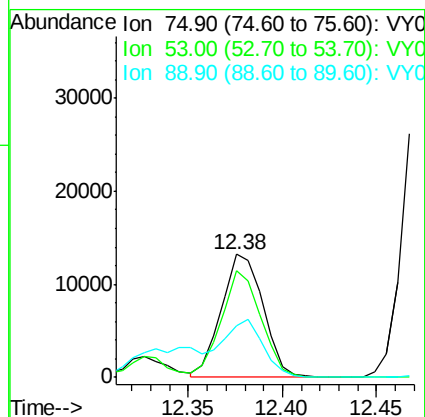
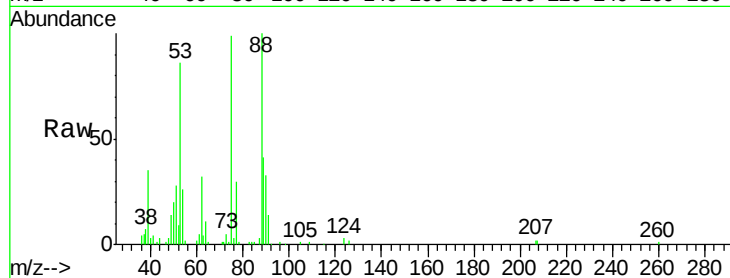
Tot Ion: 75 Resp: 20344

Ion Ratio Lower Upper

75 100

53 82.1 65.0 97.6

89 46.3 66.6 99.8#



#82

4-Chlorotoluene

Concen: 20.341 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002702.D

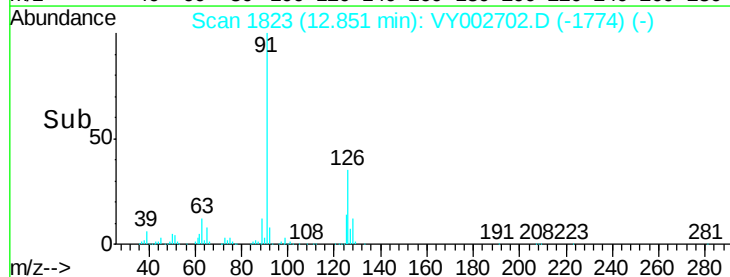
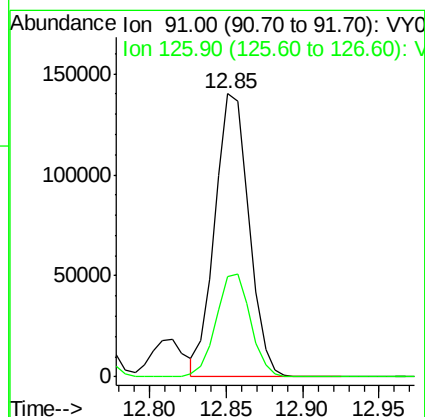
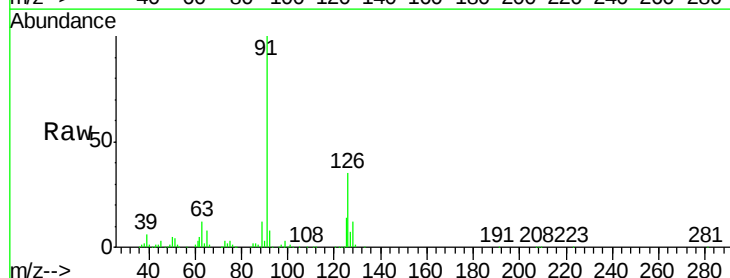
Acq: 18 May 2020 11:43

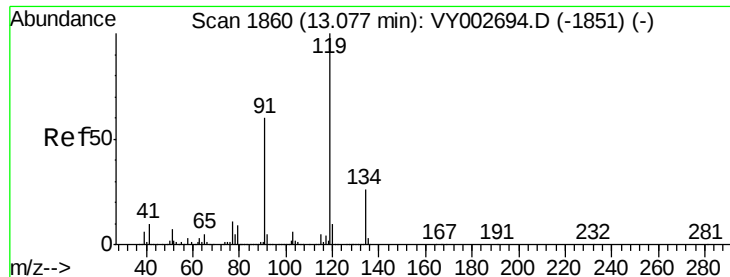
Tgt Ion: 91 Resp: 216641

Ion Ratio Lower Upper

91 100

126 36.6 18.6 56.0





#83

tert-Butylbenzene

Concen: 20.491 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

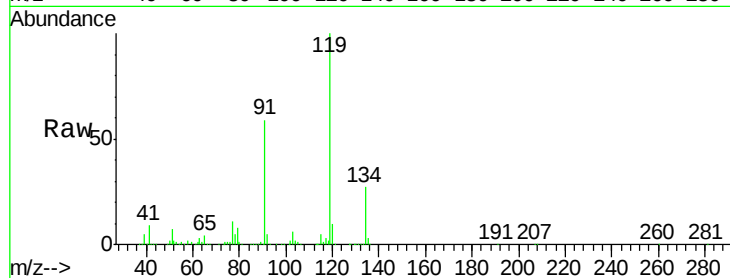
Tot Ion:119 Resp: 240124

Ion Ratio Lower Upper

119 100

91 59.6 30.4 91.2

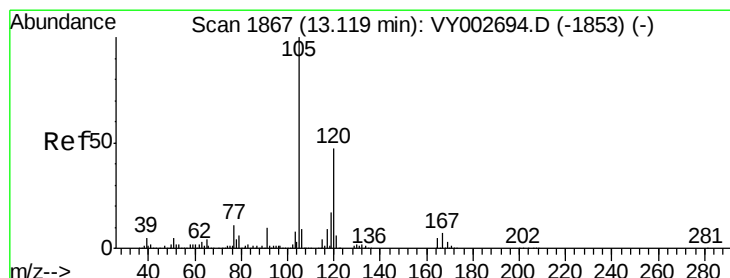
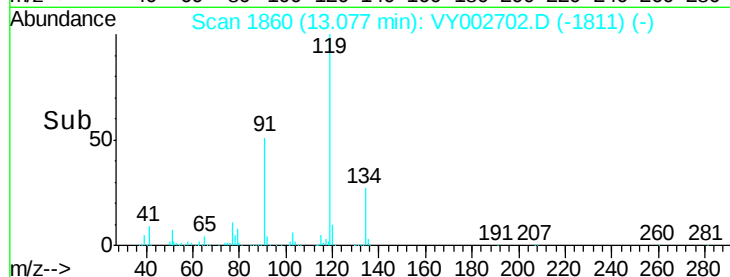
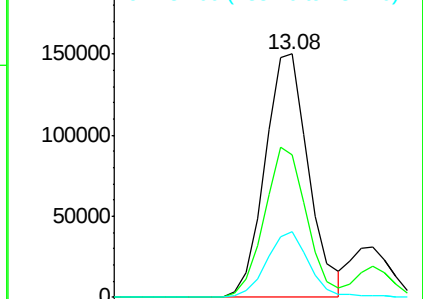
134 26.4 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.448 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002702.D

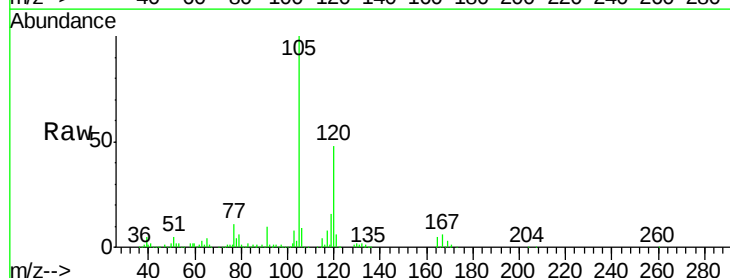
Acq: 18 May 2020 11:43

Tgt Ion:105 Resp: 270593

Ion Ratio Lower Upper

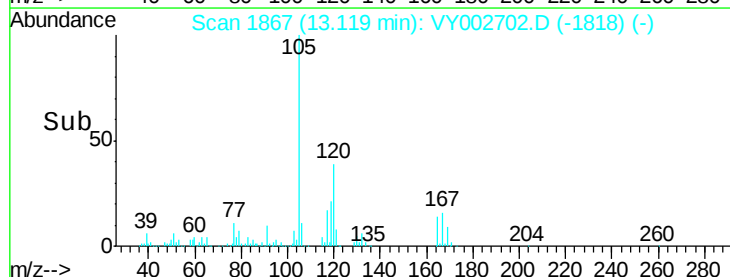
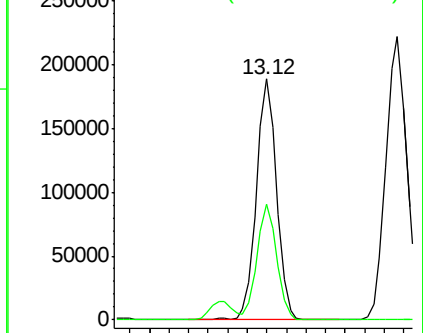
105 100

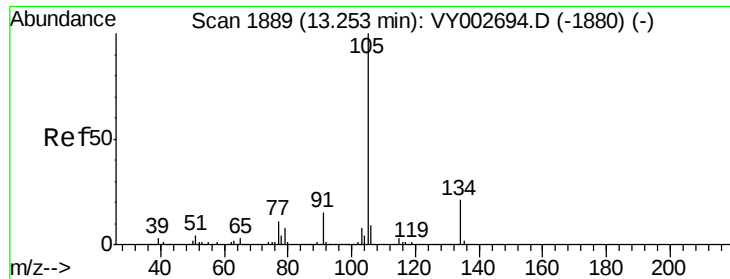
120 46.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

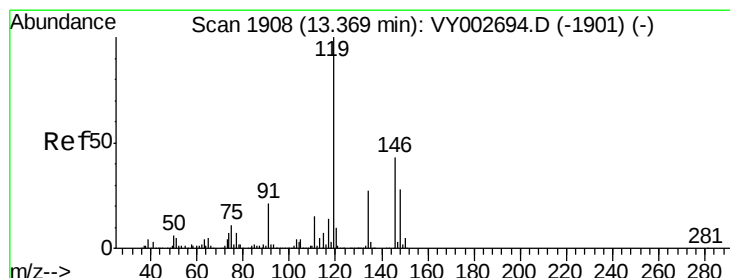
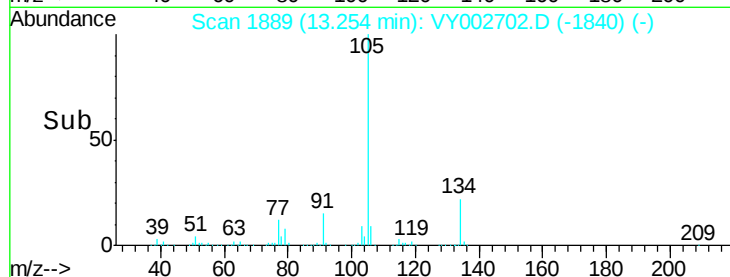
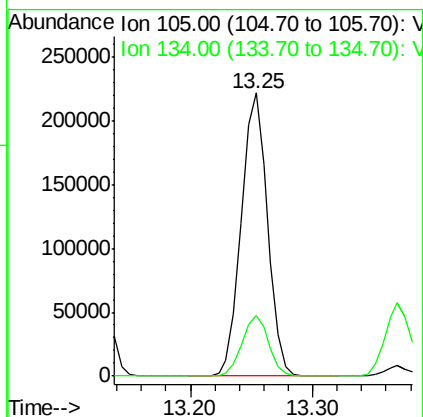
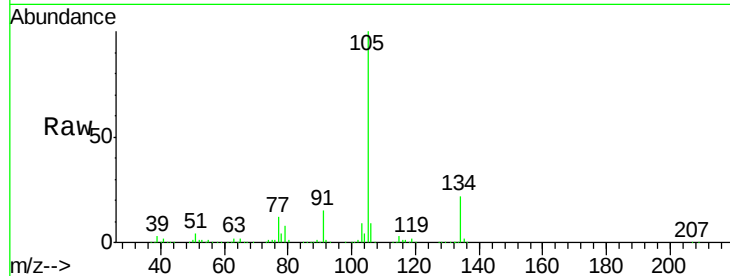




#85
 sec-Butylbenzene
 Concen: 20.343 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

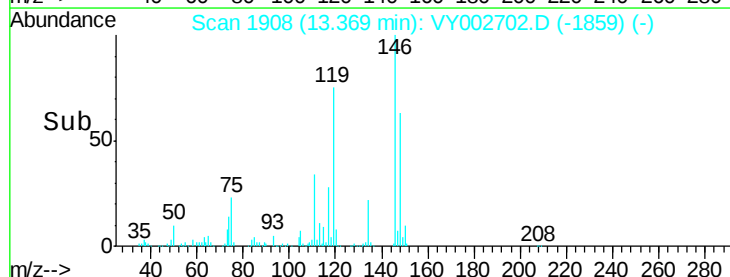
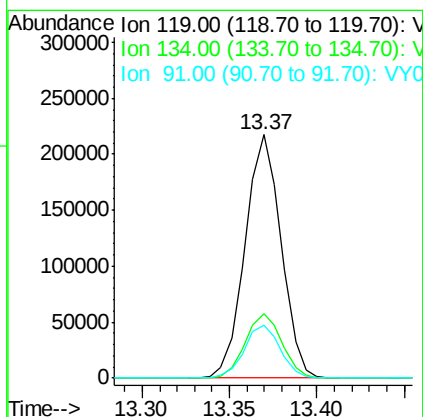
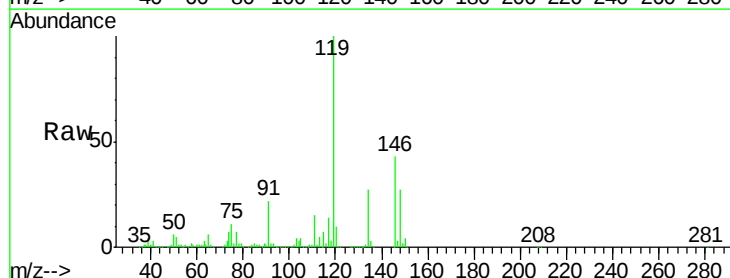
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

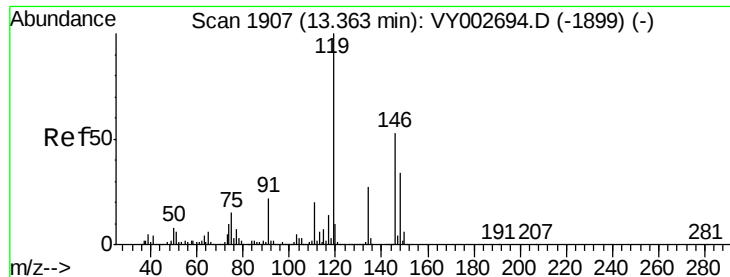
Tot Ion:105 Resp: 328957
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 20.553 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion:119 Resp: 311083
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 21.6 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 20.382 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002702.D

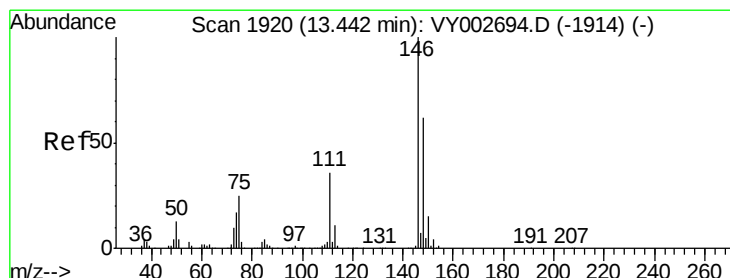
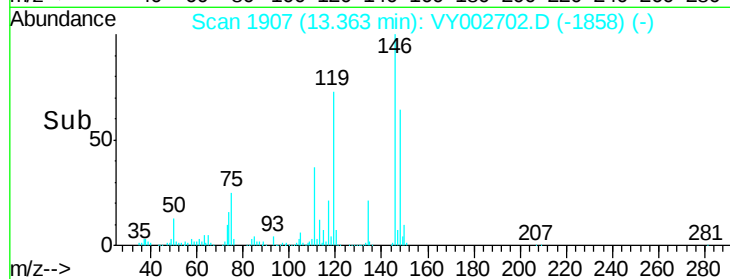
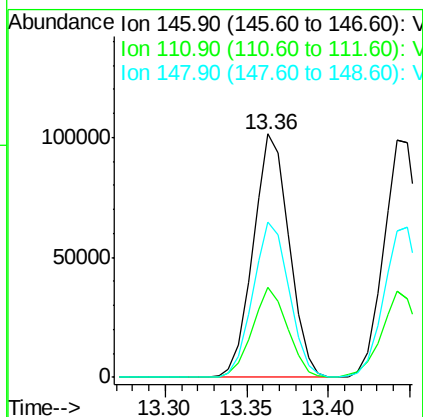
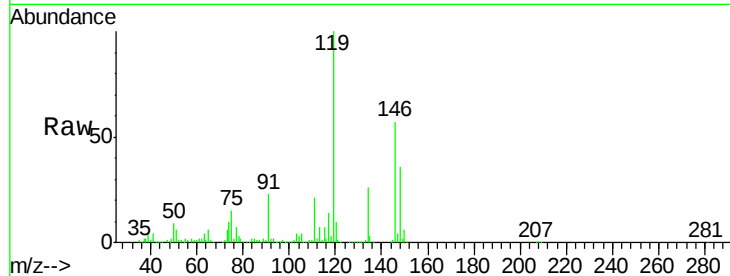
Acq: 18 May 2020 11:43

Instrument :
MSVOA_Y

ClientSampleId :
VY0518SBS01

Tot Ion:146 Resp: 154824

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.5	55.5
148	64.4	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 20.370 ug/l

RT: 13.44 min Scan# 1920

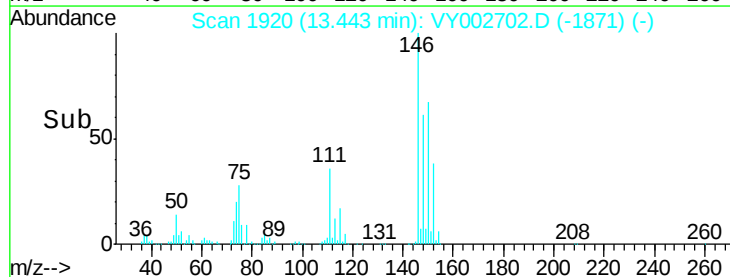
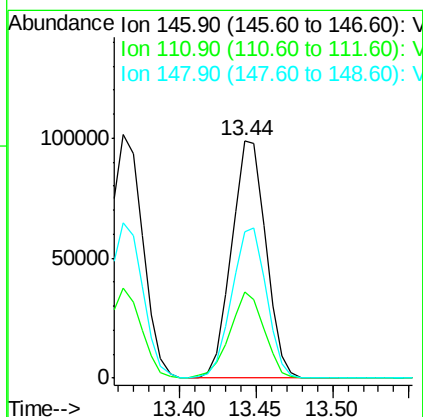
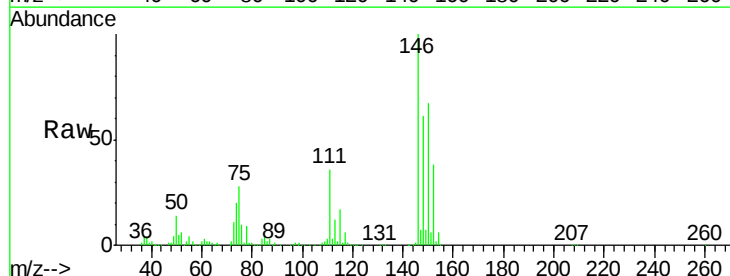
Delta R.T. 0.00 min

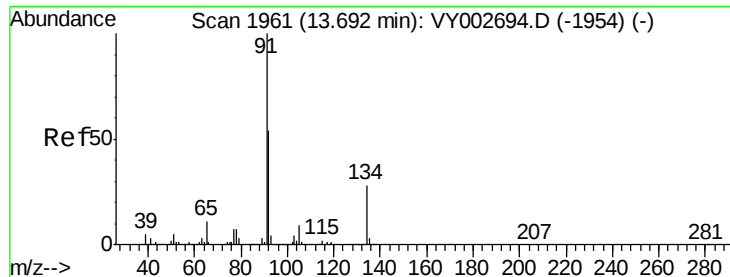
Lab File: VY002702.D

Acq: 18 May 2020 11:43

Tgt Ion:146 Resp: 154049

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.4
148	63.7	31.8	95.3





#89

n-Butylbenzene

Concen: 20.180 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

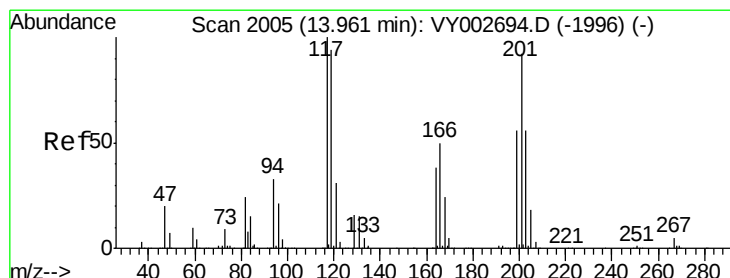
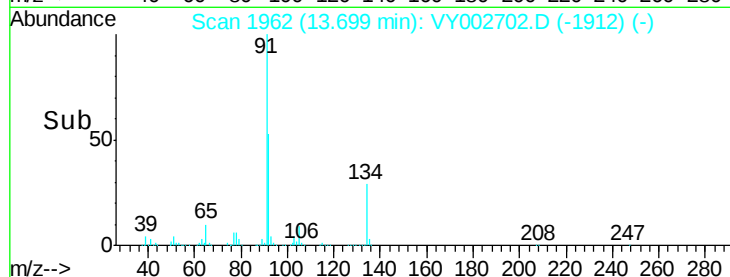
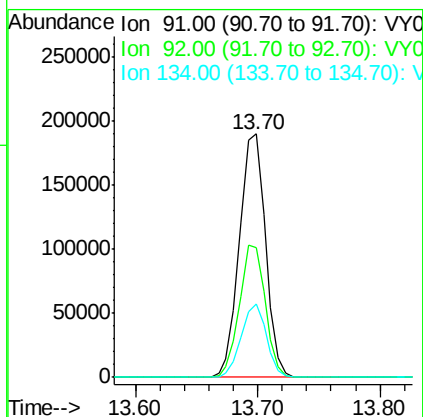
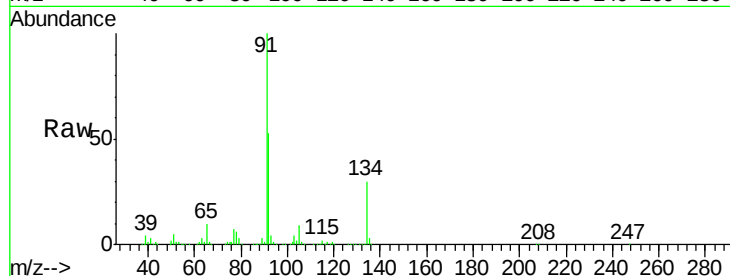
Tot Ion: 91 Resp: 280491

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.4

134 29.0 14.5 43.5



#90

Hexachloroethane

Concen: 20.280 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002702.D

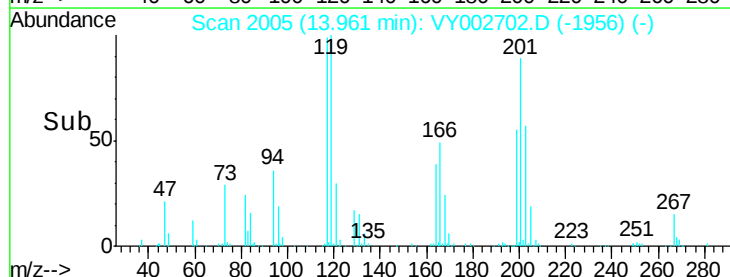
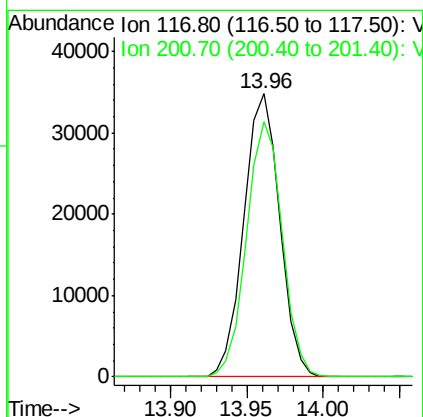
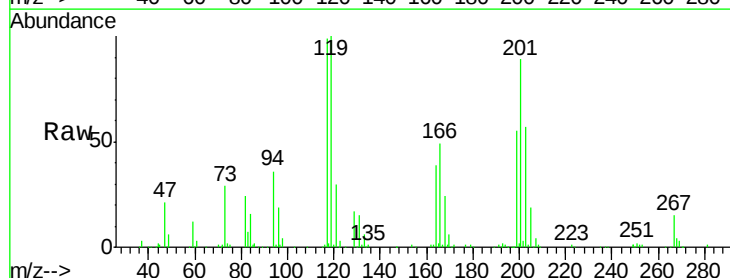
Acq: 18 May 2020 11:43

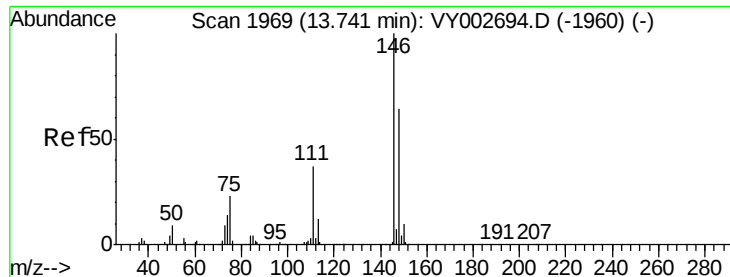
Tgt Ion: 117 Resp: 56853

Ion Ratio Lower Upper

117 100

201 89.5 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.213 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS01

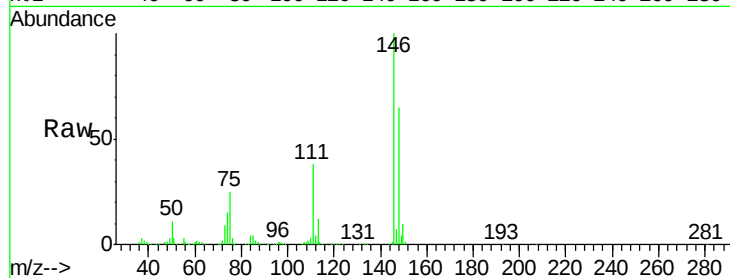
Tot Ion:146 Resp: 137699

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

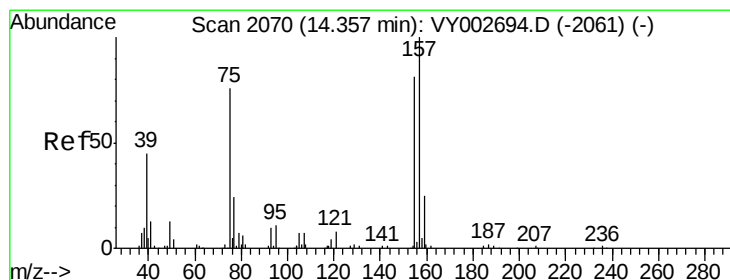
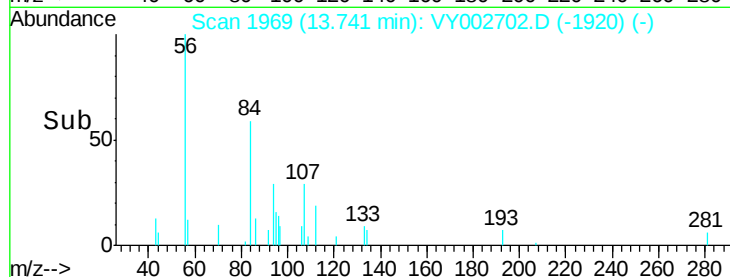
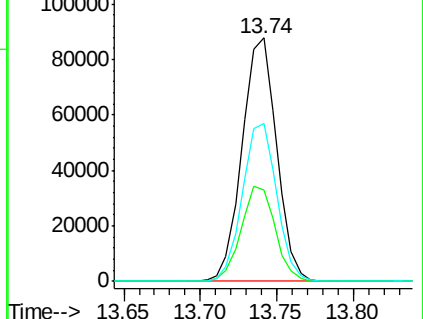
148 64.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.625 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002702.D

Acq: 18 May 2020 11:43

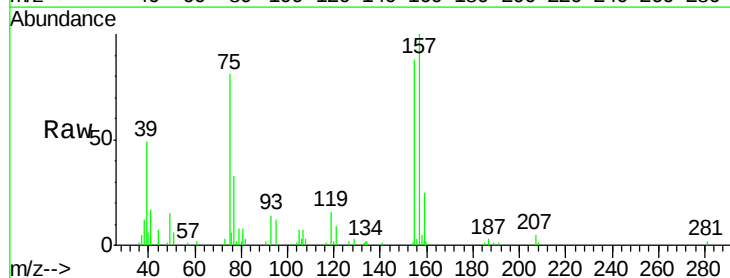
Tgt Ion: 75 Resp: 8288

Ion Ratio Lower Upper

75 100

155 109.8 53.5 160.7

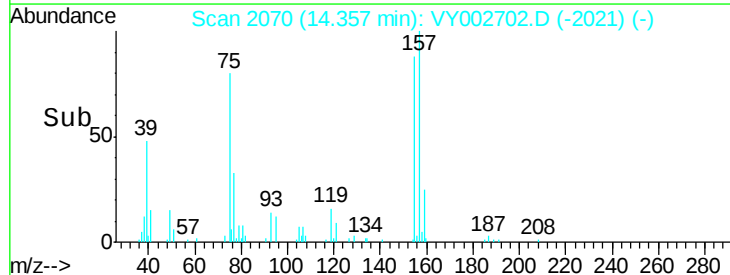
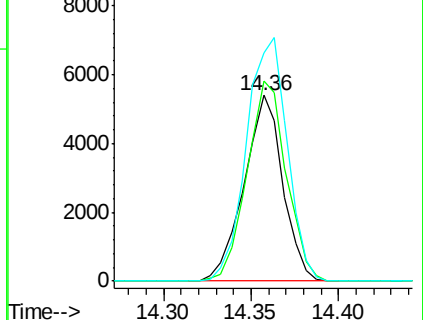
157 138.2 67.9 203.7

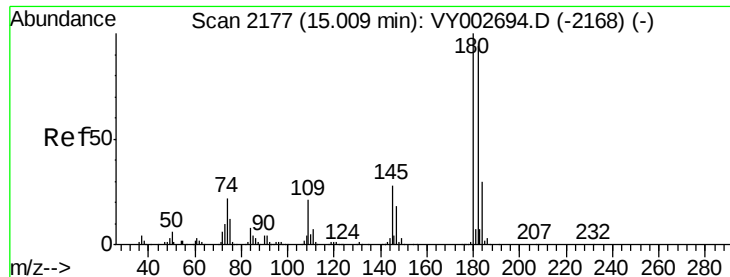


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

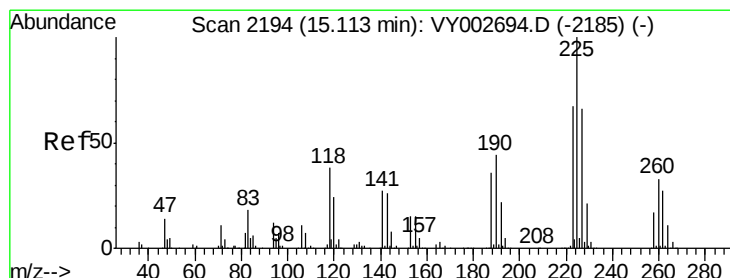
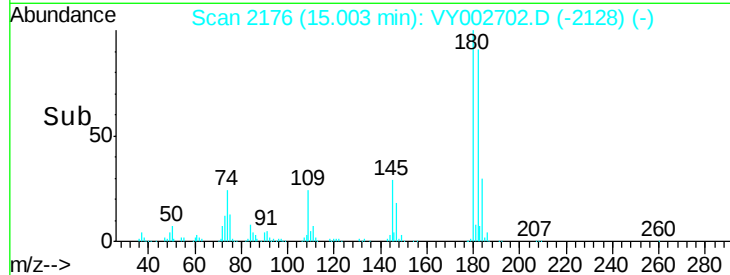
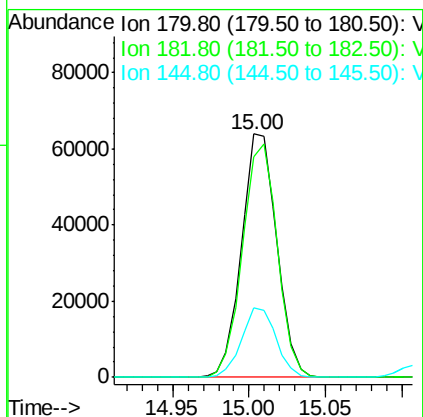
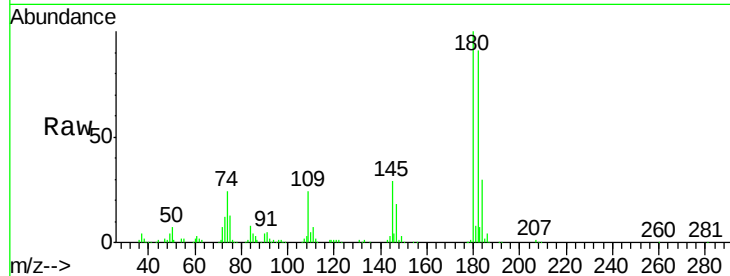




#93
 1,2,4-Trichlorobenzene
 Concen: 18.821 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

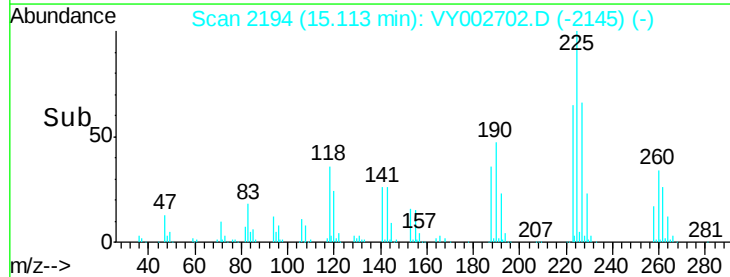
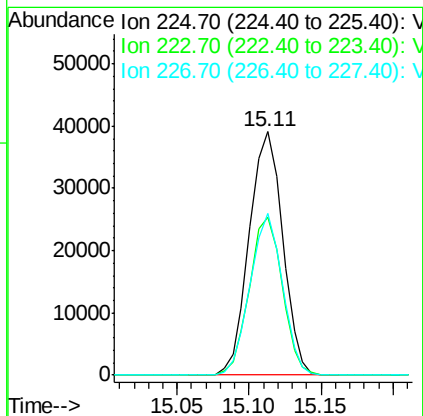
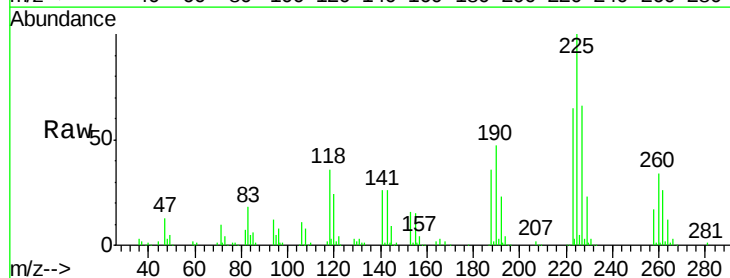
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS01

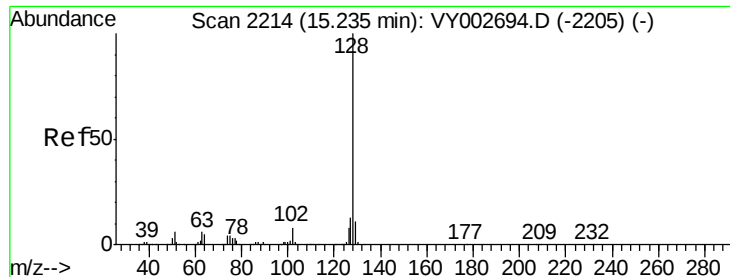
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	142.0
145	28.2	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 19.175 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002702.D
 Acq: 18 May 2020 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	94.8
227	64.0	32.2	96.6

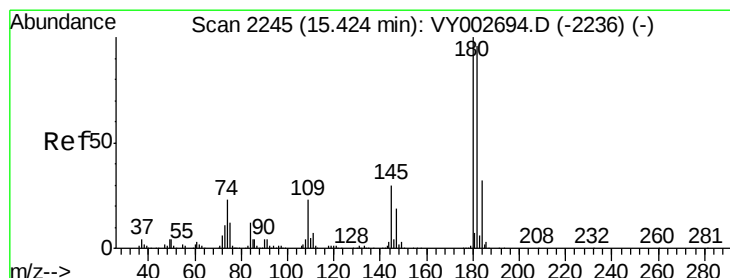
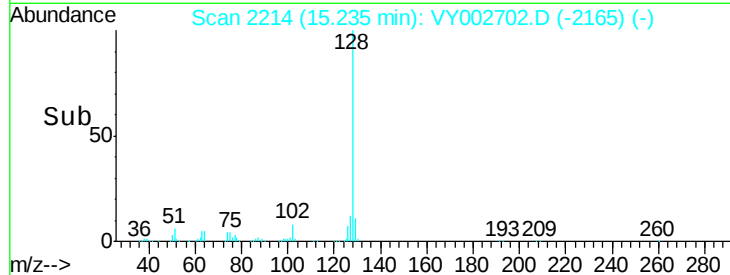
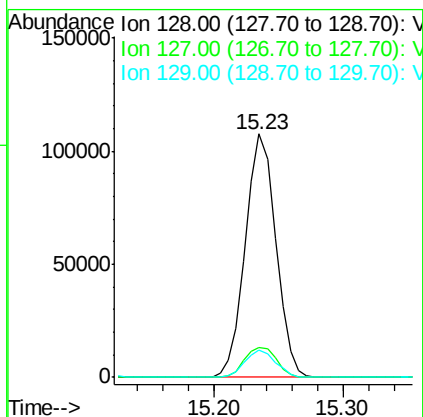
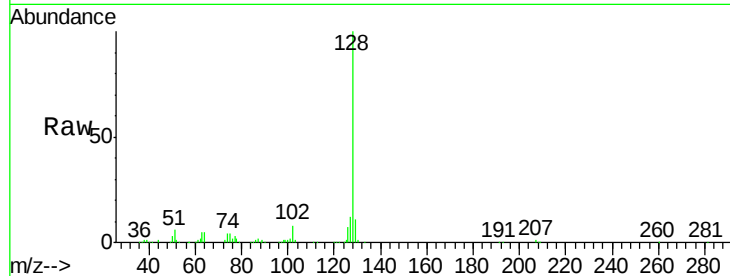




#95
Naphthalene
Concen: 18.755 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS01

Tot Ion:128 Resp: 175957
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.739 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002702.D
Acq: 18 May 2020 11:43

Tgt Ion:180 Resp: 87179
Ion Ratio Lower Upper
180 100
182 93.4 47.6 142.9
145 29.3 15.1 45.3

