

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003256.D
 Acq On : 21 Jul 2020 18:04
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Quant Time: Jul 22 02:42:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	429814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	583240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	318394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	176343	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.72	113	168693	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	10.18	98	623011	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.48	95	224699	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	70447	22.868	ug/l	99
3) Chloromethane	2.12	50	93441	21.868	ug/l	99
4) Vinyl Chloride	2.26	62	95480	21.778	ug/l	98
5) Bromomethane	2.65	94	74999	23.031	ug/l	95
6) Chloroethane	2.79	64	63359	22.003	ug/l	99
7) Trichlorofluoromethane	3.13	101	138313	22.091	ug/l	100
8) Diethyl Ether	3.54	74	46612	22.217	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82337	21.774	ug/l	98
10) Methyl Iodide	4.10	142	79312	19.306	ug/l	98
11) Tert butyl alcohol	4.97	59	48966	124.825	ug/l	97
12) 1,1-Dichloroethene	3.88	96	78545	21.961	ug/l	96
13) Acrolein	3.74	56	29117	85.516	ug/l	97
14) Allyl chloride	4.48	41	126173	23.774	ug/l	96
15) Acrylonitrile	5.18	53	119678	118.748	ug/l	99
16) Acetone	3.96	43	99225	122.449	ug/l	94
17) Carbon Disulfide	4.20	76	240328	21.898	ug/l	97
18) Methyl Acetate	4.49	43	56859	25.266	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	224407	22.389	ug/l	98
20) Methylene Chloride	4.72	84	100638	21.558	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	88033	21.761	ug/l	98
22) Diisopropyl ether	6.13	45	276903	23.509	ug/l	97
23) Vinyl Acetate	6.07	43	916581	116.753	ug/l	99
24) 1,1-Dichloroethane	6.03	63	154370	22.622	ug/l	97
25) 2-Butanone	7.00	43	156966	117.975	ug/l	100
26) 2,2-Dichloropropane	6.99	77	129599	21.089	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	97093	21.799	ug/l	98
28) Bromochloromethane	7.34	49	68888	23.317	ug/l	95
29) Tetrahydrofuran	7.35	42	108435	121.318	ug/l	95
30) Chloroform	7.51	83	156254	22.233	ug/l	97
31) Cyclohexane	7.79	56	145513	22.052	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	137451	21.724	ug/l	98
36) 1,1-Dichloropropene	7.92	75	124000	21.626	ug/l	99
37) Ethyl Acetate	7.08	43	73386	23.766	ug/l	98
38) Carbon Tetrachloride	7.91	117	125482	21.199	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149027	20.690	ug/l	93
40) Benzene	8.16	78	341406	21.624	ug/l	99
41) Methacrylonitrile	7.34	41	100892	54.251	ug/l #	42
42) 1,2-Dichloroethane	8.24	62	105462	21.698	ug/l	100
43) Isopropyl Acetate	8.28	43	133489	22.334	ug/l	99
44) Trichloroethene	8.94	130	102024	21.080	ug/l	94
45) 1,2-Dichloropropane	9.22	63	91987	22.517	ug/l	97
46) Dibromomethane	9.31	93	51388	21.537	ug/l	99
47) Bromodichloromethane	9.50	83	124045	21.859	ug/l	99
48) Methyl methacrylate	9.30	41	59522	22.276	ug/l	97
49) 1,4-Dioxane	9.30	88	14105	465.777	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	360371	116.000	ug/l	98
52) Toluene	10.24	92	215624	21.368	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	129921	22.097	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	147039	21.705	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	72386	21.409	ug/l	97
56) Ethyl methacrylate	10.51	69	101733	22.132	ug/l	97
57) 1,3-Dichloropropane	10.79	76	126622	22.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	262775	112.089	ug/l	99
59) 2-Hexanone	10.83	43	245031	112.987	ug/l	99
60) Dibromochloromethane	10.99	129	93152	21.905	ug/l	100
61) 1,2-Dibromoethane	11.09	107	71104	21.308	ug/l	98
64) Tetrachloroethene	10.72	164	102132	19.639	ug/l	98
65) Chlorobenzene	11.52	112	238481	21.225	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	91153	20.888	ug/l	98
67) Ethyl Benzene	11.59	91	422842	21.077	ug/l	96
68) m/p-Xylenes	11.70	106	317851	41.757	ug/l	99
69) o-Xylene	12.03	106	149308	20.996	ug/l	98
70) Styrene	12.04	104	257775	21.190	ug/l	100
71) Bromoform	12.20	173	61606	21.509	ug/l	100
73) Isopropylbenzene	12.33	105	415381	20.472	ug/l	100
74) N-amyl acetate	12.14	43	125569	22.056	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	86827	22.157	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	116416	41.307	ug/l #	100
77) Bromobenzene	12.61	156	105874	20.471	ug/l	98
78) n-propylbenzene	12.67	91	496275	20.750	ug/l	100
79) 2-Chlorotoluene	12.75	91	276573	20.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	346430	20.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30247	20.887	ug/l	98
82) 4-Chlorotoluene	12.85	91	287589	20.648	ug/l	98
83) tert-Butylbenzene	13.07	119	302421	20.267	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	349438	20.537	ug/l	98
85) sec-Butylbenzene	13.25	105	425189	20.732	ug/l	100
86) p-Isopropyltoluene	13.37	119	395005	20.628	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	204309	20.889	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	201594	20.819	ug/l	98
89) n-Butylbenzene	13.69	91	374854	20.811	ug/l	100
90) Hexachloroethane	13.96	117	73205	20.992	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	182273	21.236	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14837	23.354	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

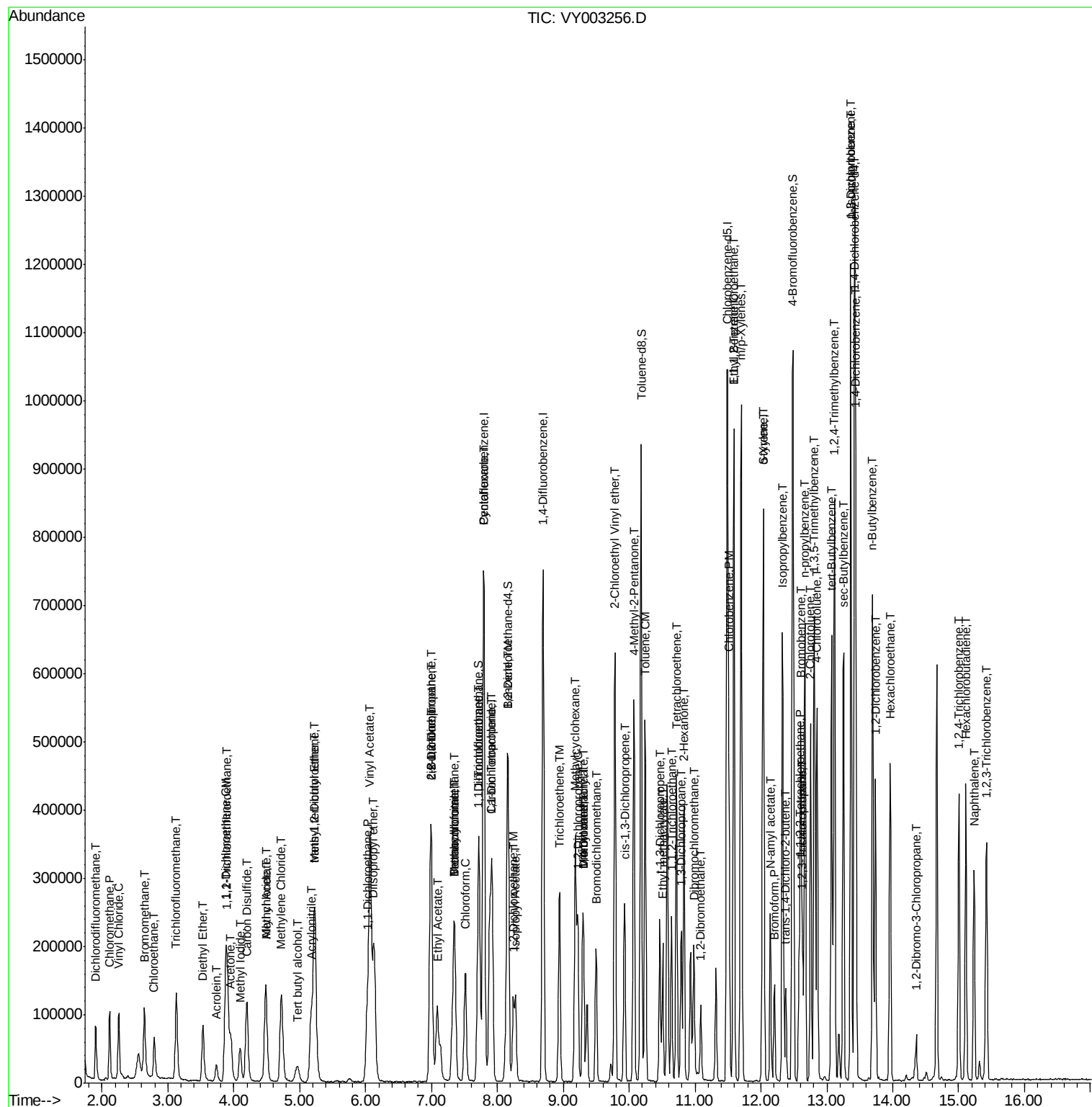
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136510	22.356	ug/l	99
94) Hexachlorobutadiene	15.11	225	86794	20.744	ug/l	99
95) Naphthalene	15.23	128	251989	24.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	118290	24.507	ug/l	99

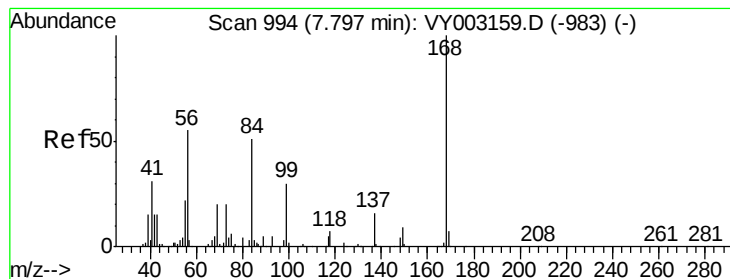
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
Data File : VY003256.D
Acq On : 21 Jul 2020 18:04
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Sample : VY0721SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

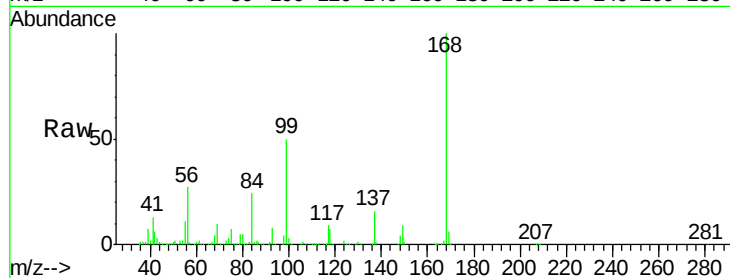
VY0721SBSD01

Tot Ion:168 Resp: 429814

Ion Ratio Lower Upper

168 100

99 49.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

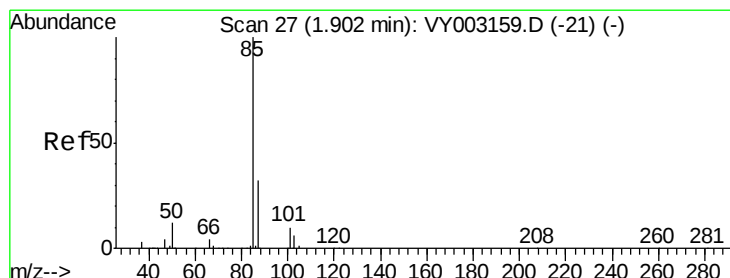
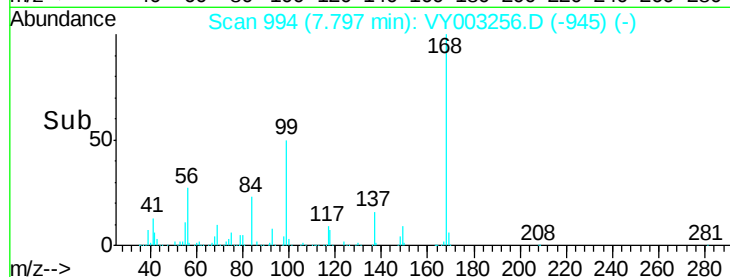
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.868 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003256.D

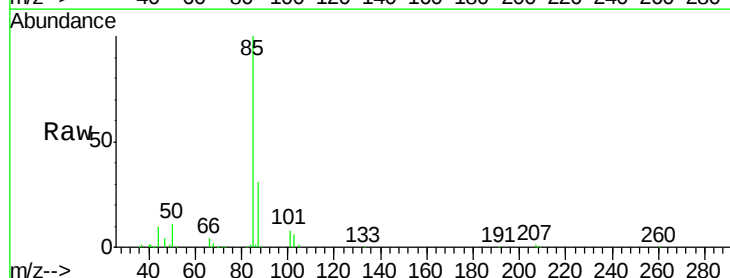
Acq: 21 Jul 2020 18:04

Tgt Ion: 85 Resp: 70447

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

50000

40000

30000

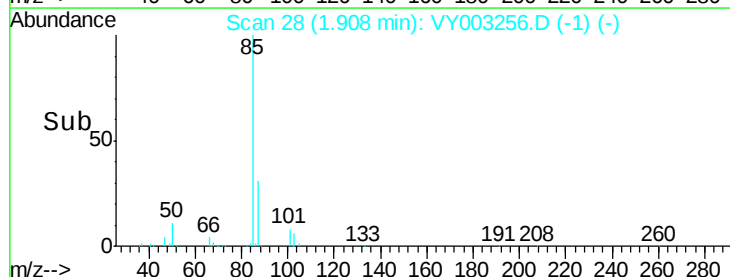
20000

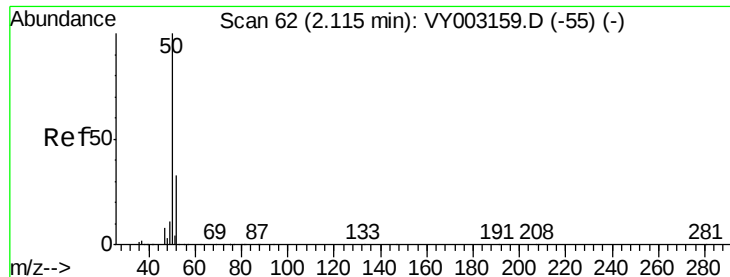
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.868 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

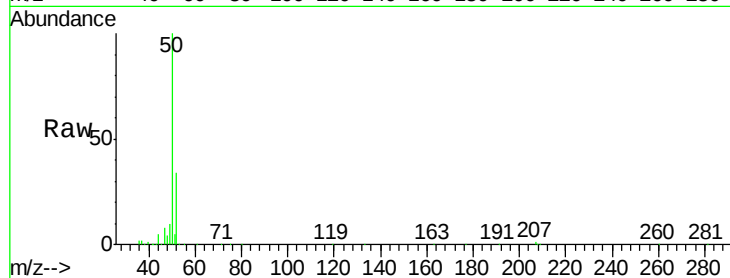
VY0721SBS01

Tot Ion: 50 Resp: 93441

Ion Ratio Lower Upper

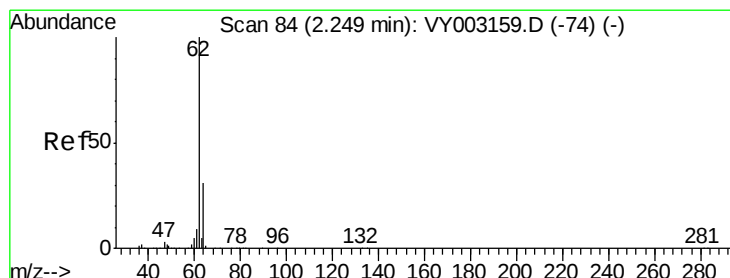
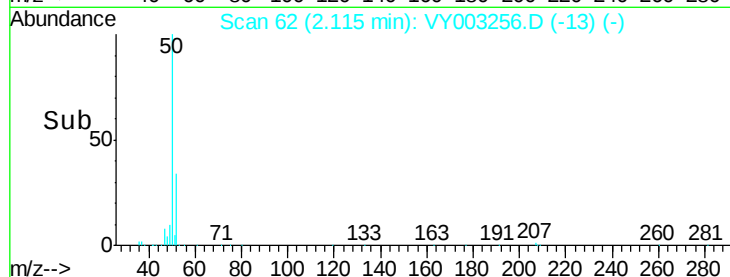
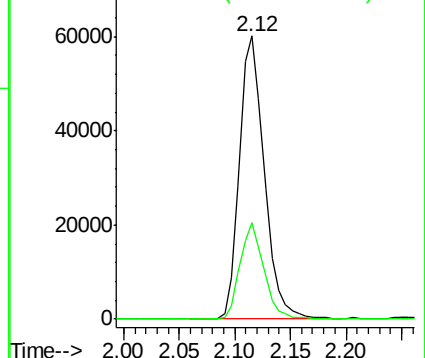
50 100

52 33.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.778 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003256.D

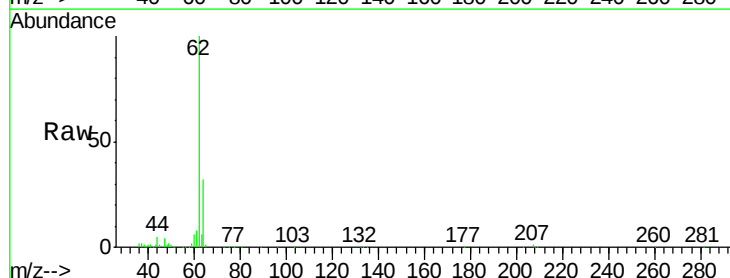
Acq: 21 Jul 2020 18:04

Tgt Ion: 62 Resp: 95480

Ion Ratio Lower Upper

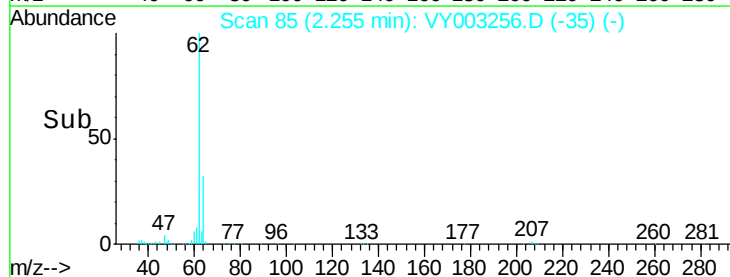
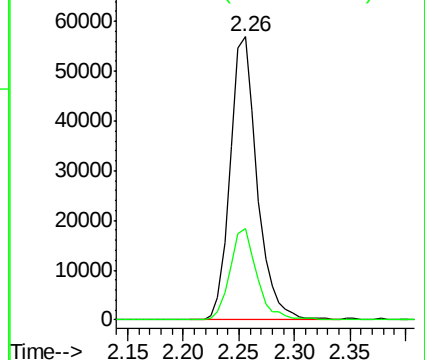
62 100

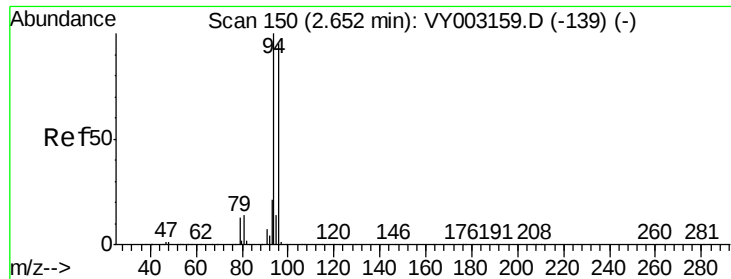
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.031 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

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ClientSampleId :

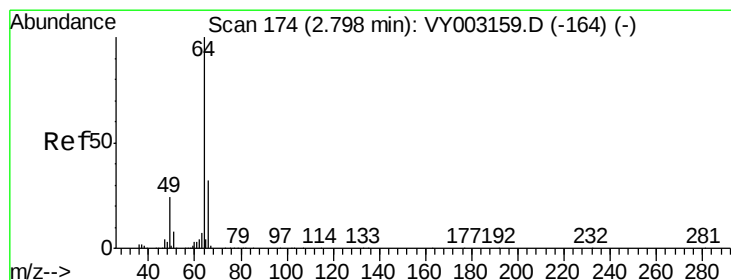
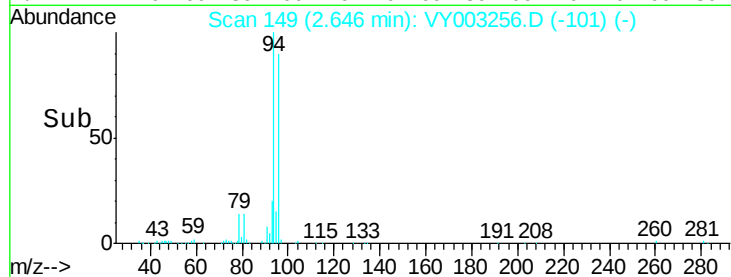
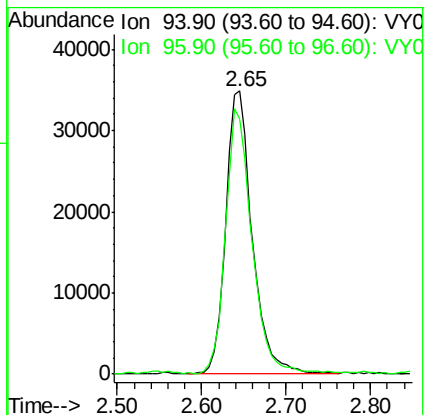
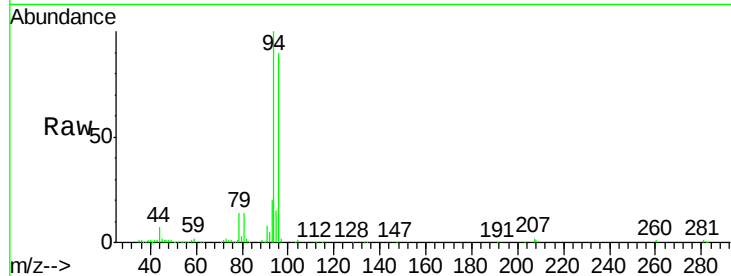
VY0721SBSD01

Tot Ion: 94 Resp: 74999

Ion Ratio Lower Upper

94 100

96 89.7 76.0 114.0



#6

Chloroethane

Concen: 22.003 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003256.D

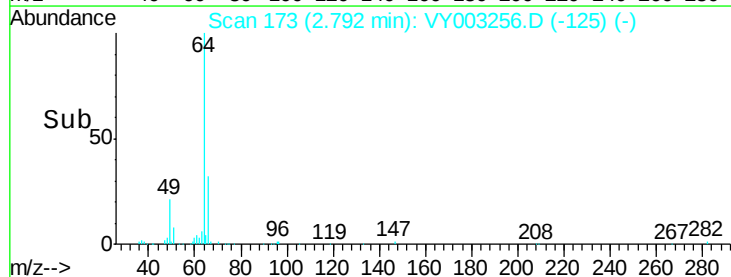
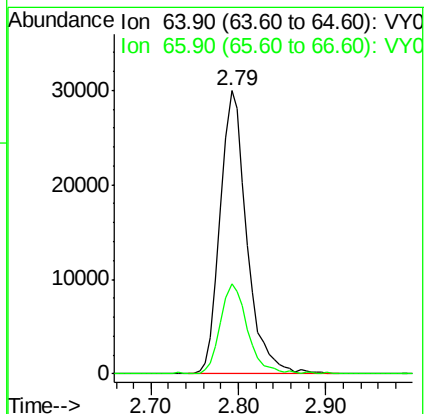
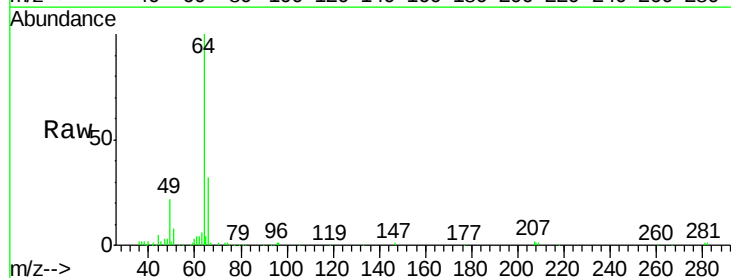
Acq: 21 Jul 2020 18:04

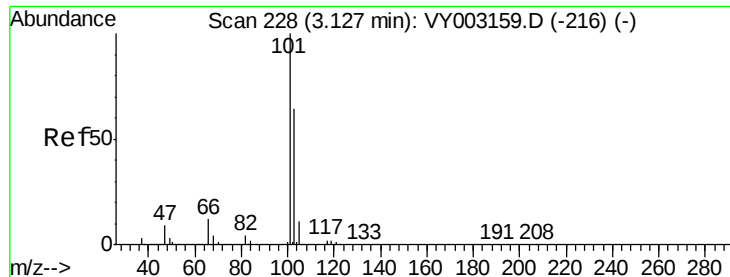
Tgt Ion: 64 Resp: 63359

Ion Ratio Lower Upper

64 100

66 31.9 26.0 39.0



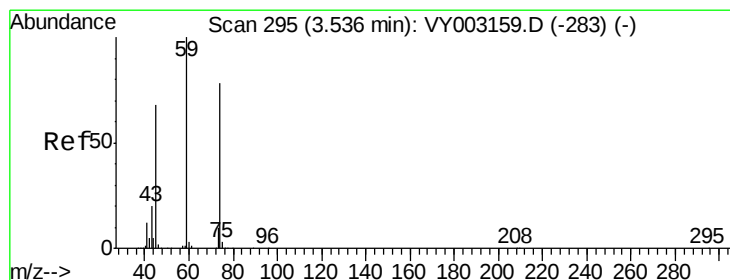
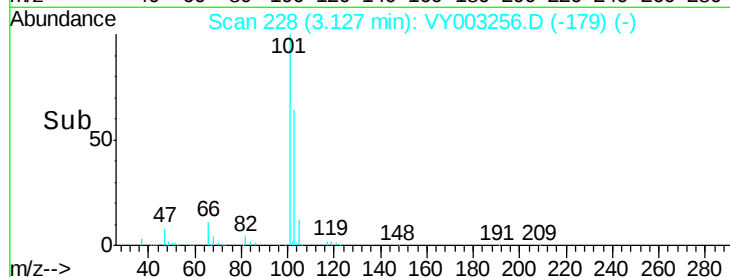
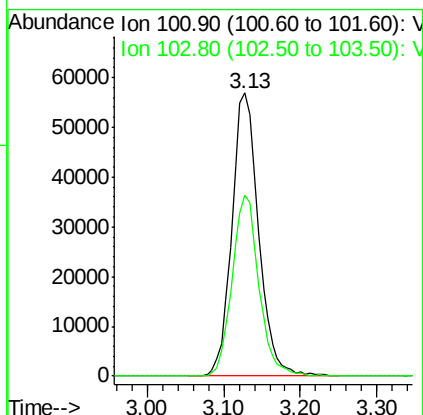
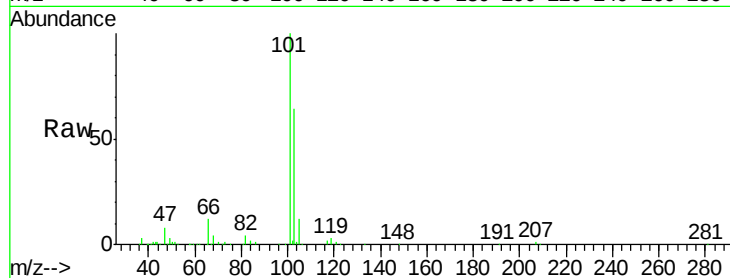


#7

Trichlorofluoromethane
 Concen: 22.091 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
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 VY0721SBSD01

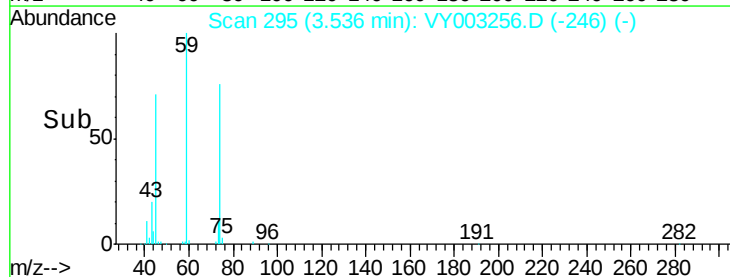
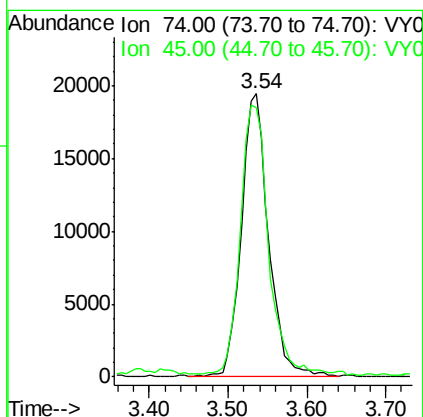
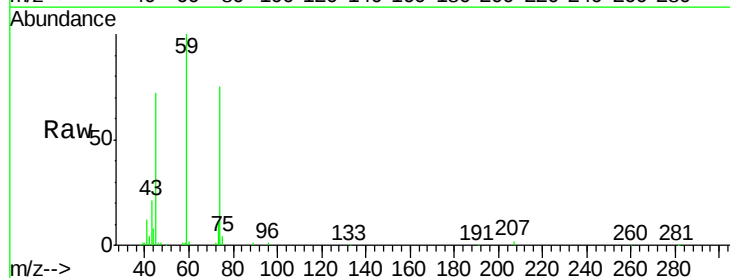
Tot Ion:101 Resp: 138313
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9

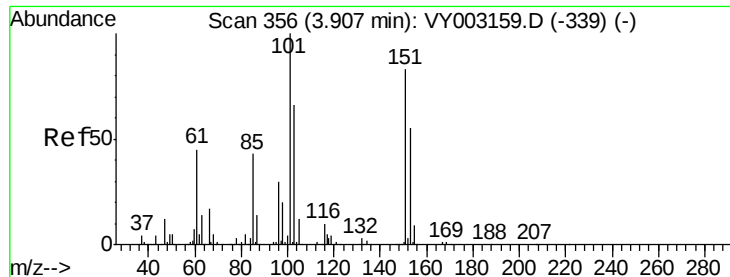


#8

Diethyl Ether
 Concen: 22.217 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 74 Resp: 46612
 Ion Ratio Lower Upper
 74 100
 45 98.3 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.774 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003256.D

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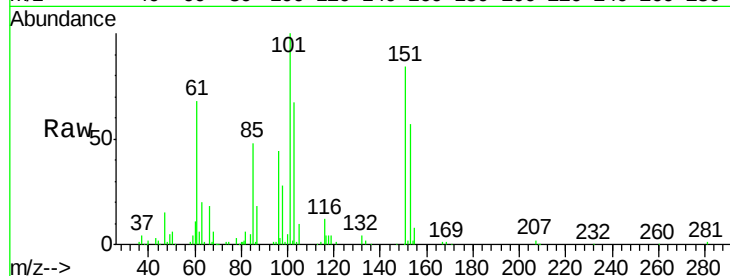
Tot Ion:101 Resp: 82337

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

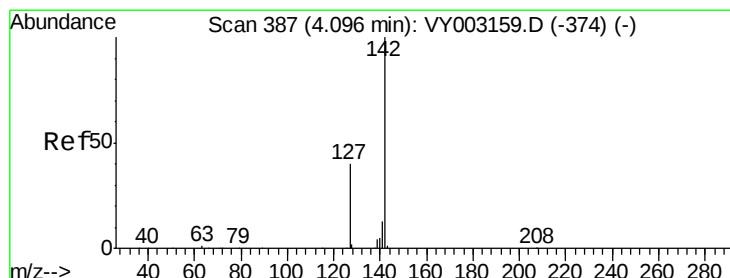
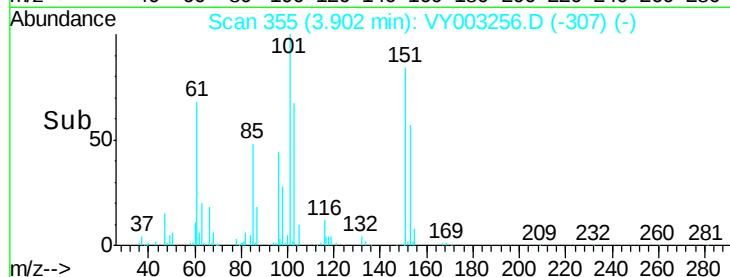
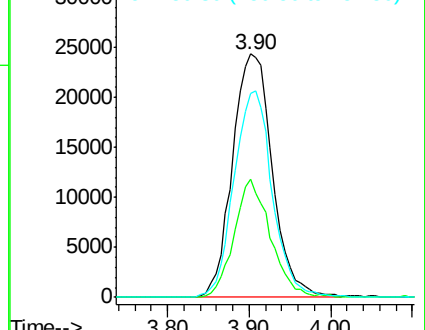
151 81.7 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.306 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

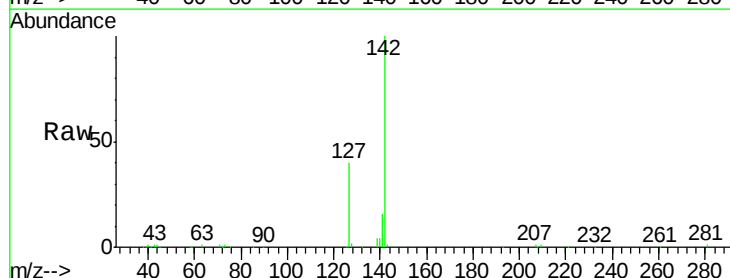
Tgt Ion:142 Resp: 79312

Ion Ratio Lower Upper

142 100

127 41.2 33.5 50.3

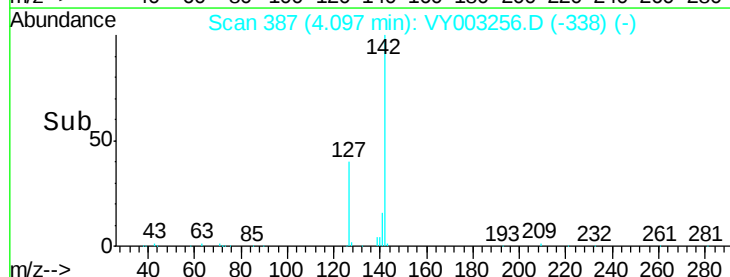
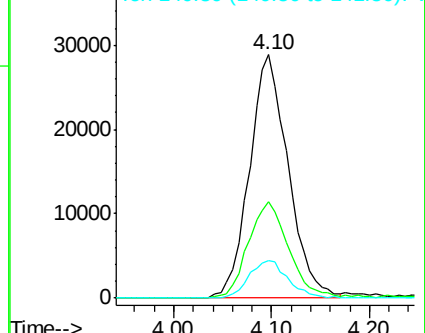
141 15.7 11.2 16.8

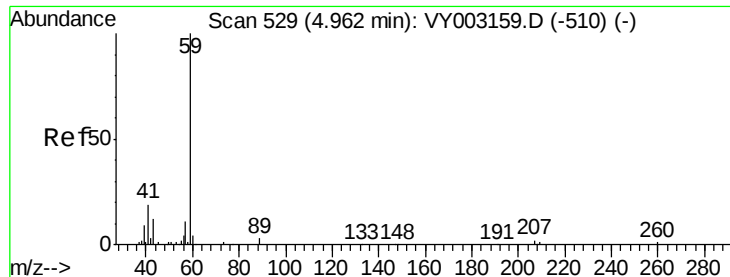


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



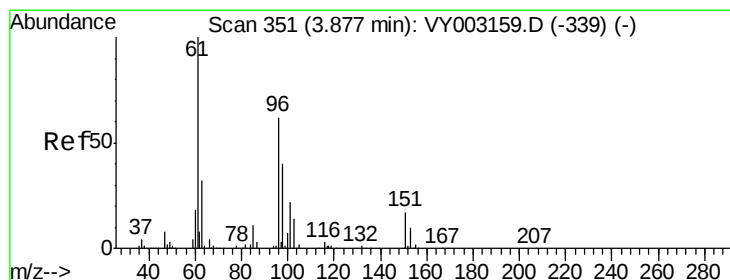
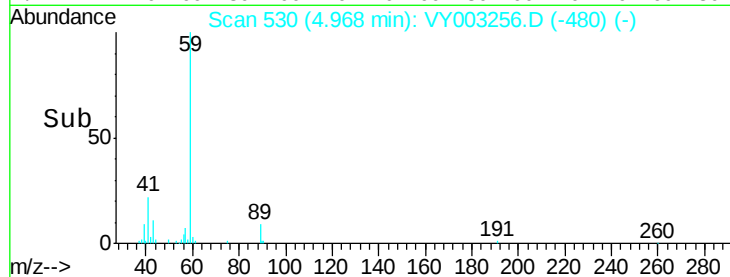
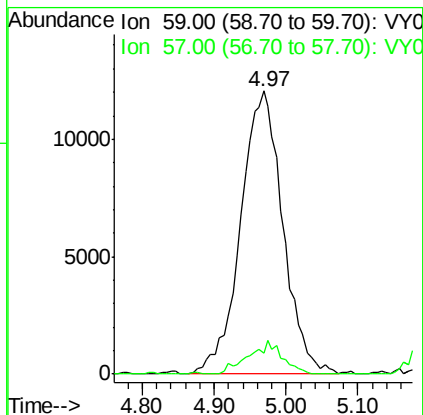
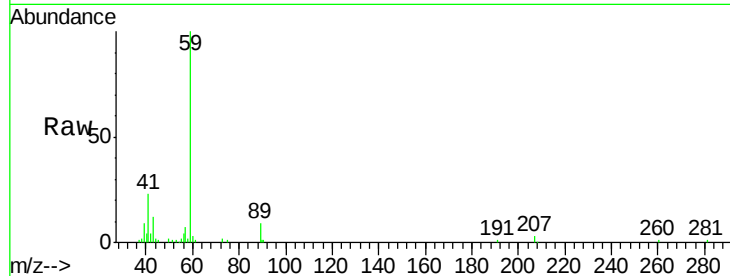


#11

Tert butyl alcohol
 Concen: 124.825 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

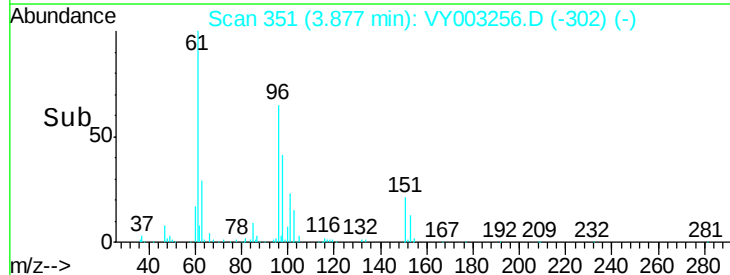
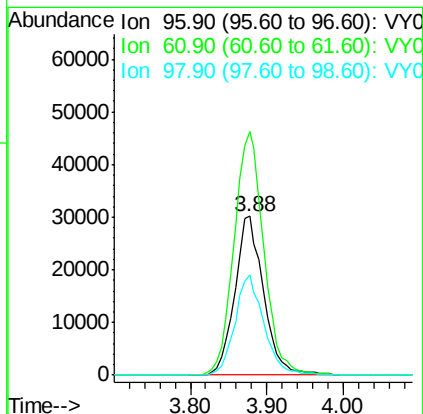
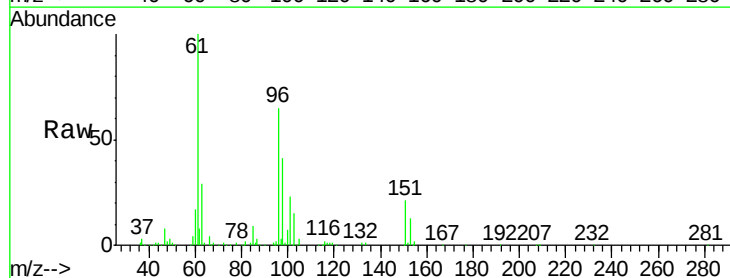
Tot Ion: 59 Resp: 48966
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.4 12.6

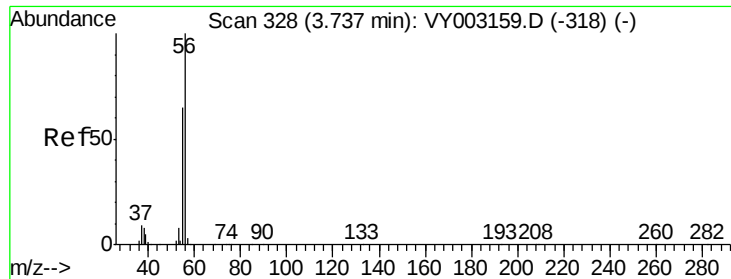


#12

1,1-Dichloroethene
 Concen: 21.961 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 96 Resp: 78545
 Ion Ratio Lower Upper
 96 100
 61 153.4 128.6 193.0
 98 63.5 51.6 77.4





#13

Acrolein

Concen: 85.516 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

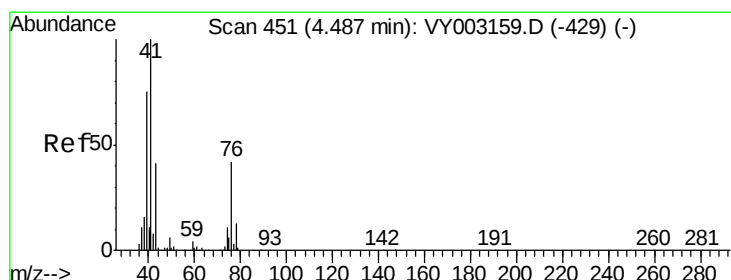
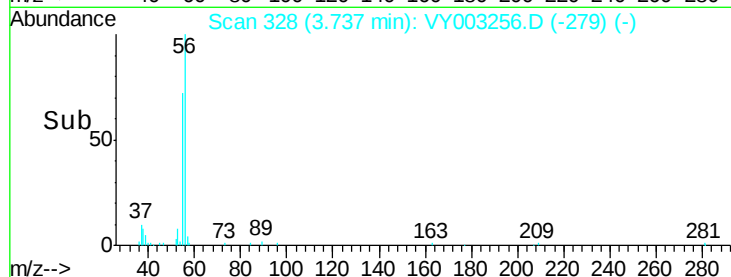
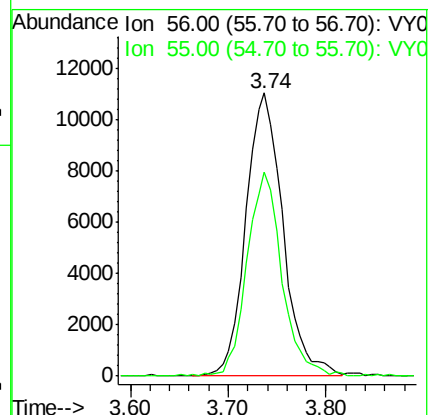
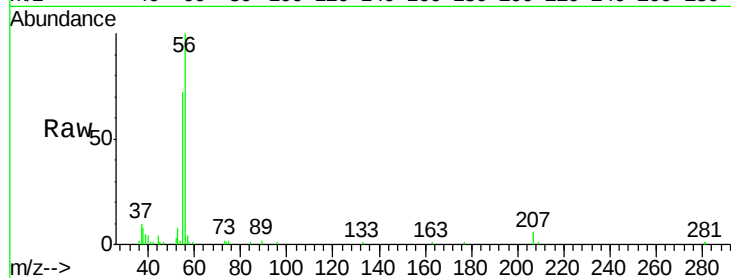
VY0721SBS01

Tot Ion: 56 Resp: 29117

Ion Ratio Lower Upper

56 100

55 67.9 56.0 84.0



#14

Allyl chloride

Concen: 23.774 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

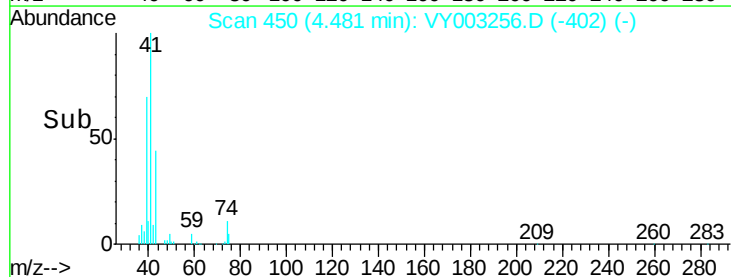
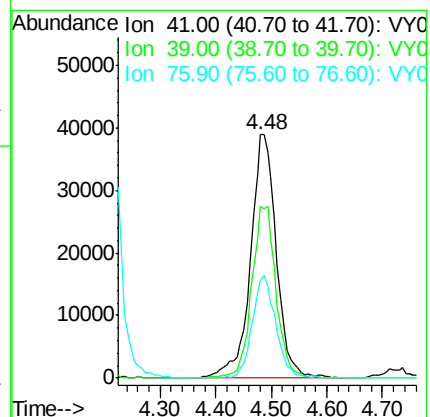
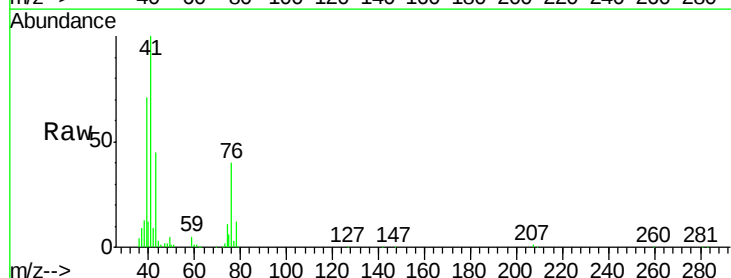
Tgt Ion: 41 Resp: 126173

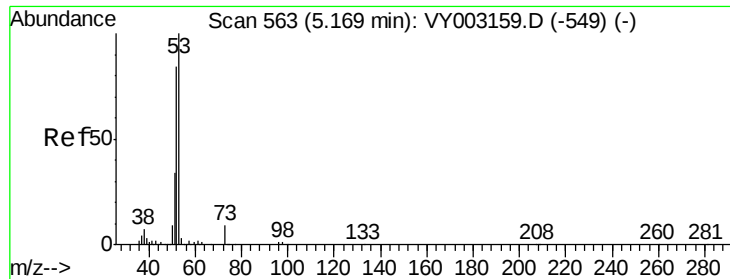
Ion Ratio Lower Upper

41 100

39 66.3 56.6 85.0

76 38.2 31.6 47.4





#15

Acrylonitrile

Concen: 118.748 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

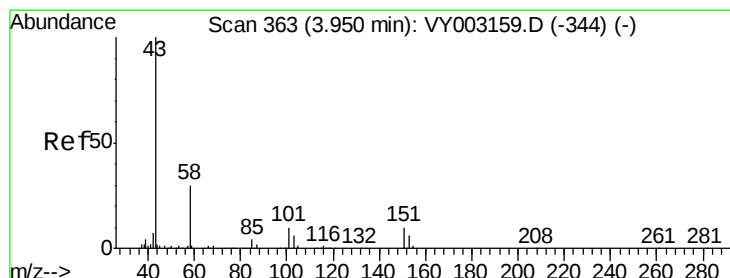
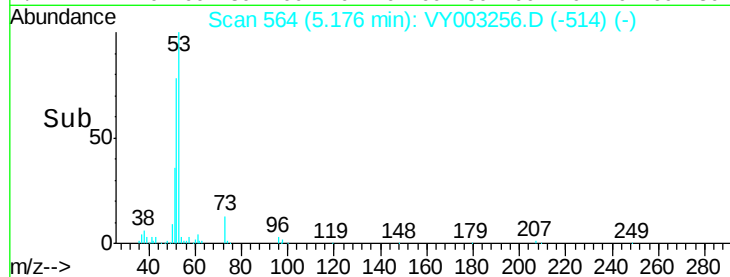
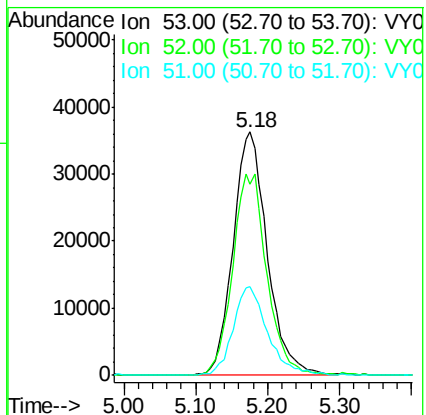
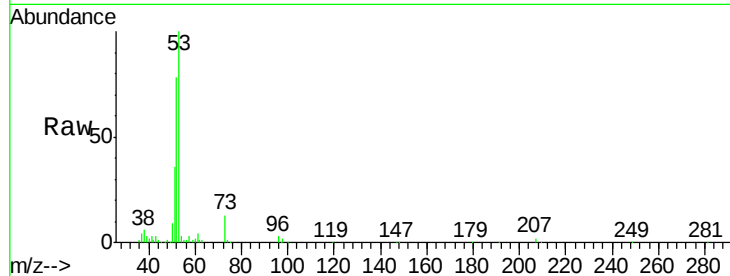
Tot Ion: 53 Resp: 119678

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

51 36.7 29.0 43.4



#16

Acetone

Concen: 122.449 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003256.D

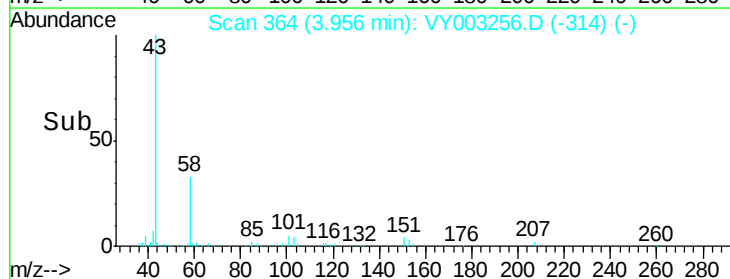
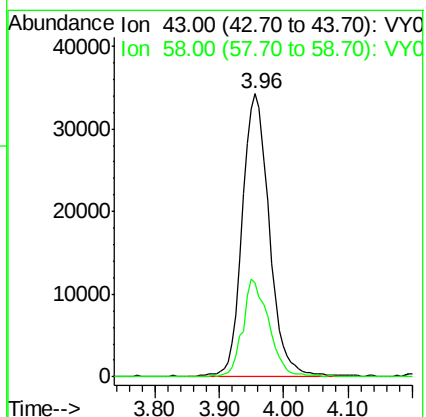
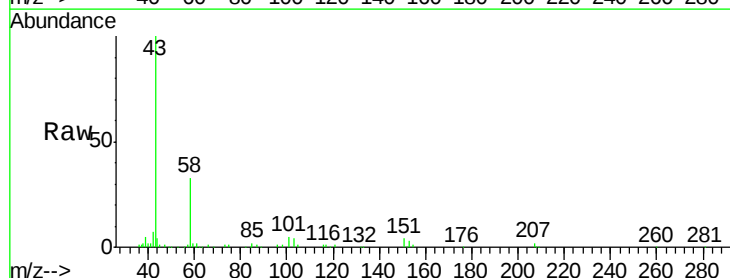
Acq: 21 Jul 2020 18:04

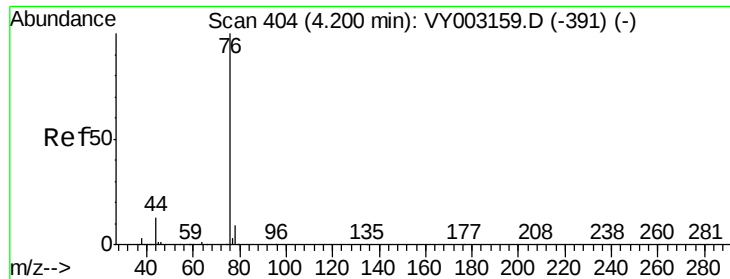
Tgt Ion: 43 Resp: 99225

Ion Ratio Lower Upper

43 100

58 33.0 23.8 35.6





#17

Carbon Disulfide

Concen: 21.898 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

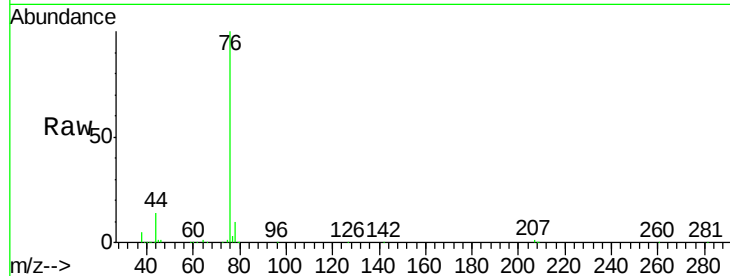
VY0721SBS01

Tot Ion: 76 Resp: 240328

Ion Ratio Lower Upper

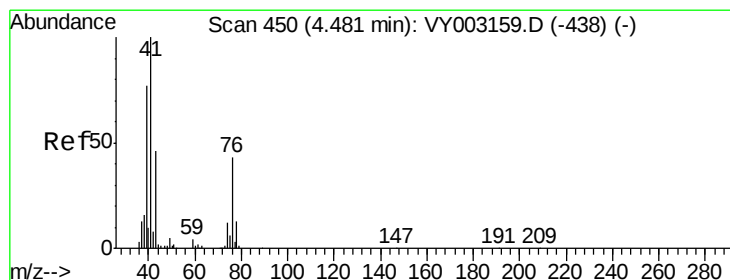
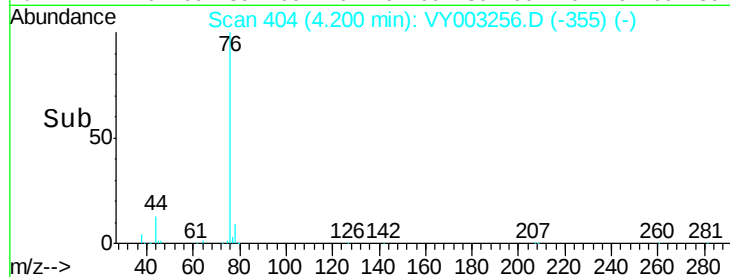
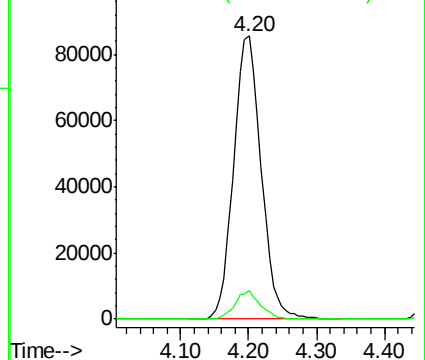
76 100

78 10.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.266 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003256.D

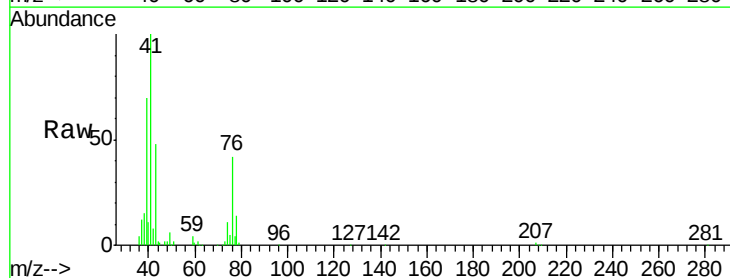
Acq: 21 Jul 2020 18:04

Tgt Ion: 43 Resp: 56859

Ion Ratio Lower Upper

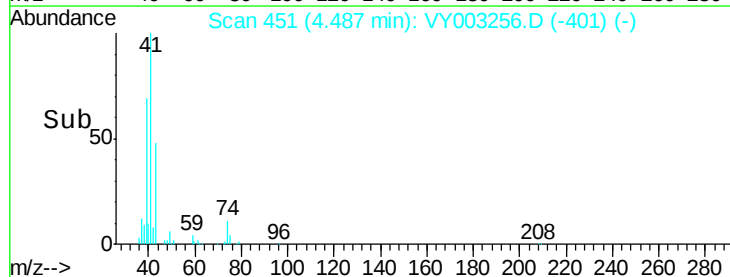
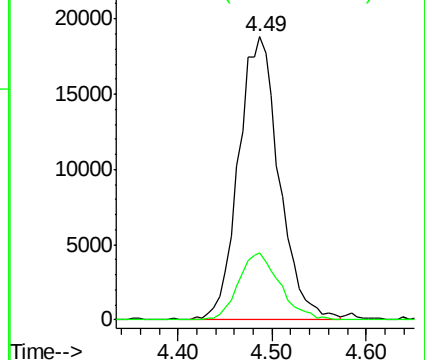
43 100

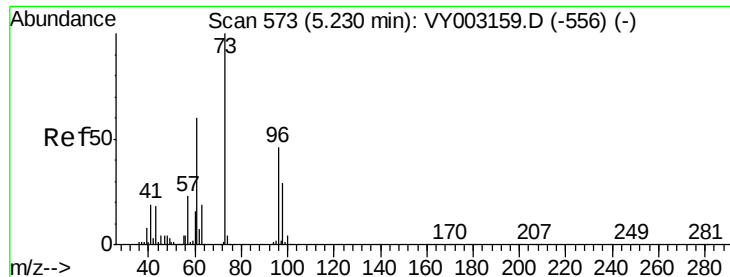
74 24.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

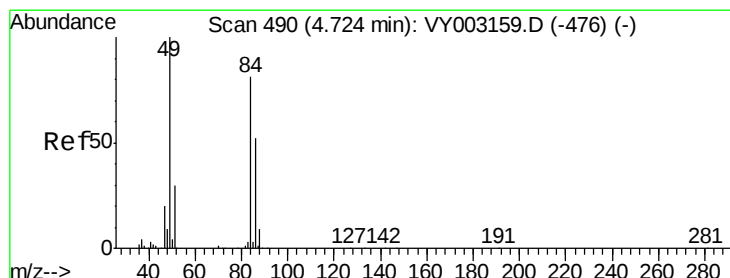
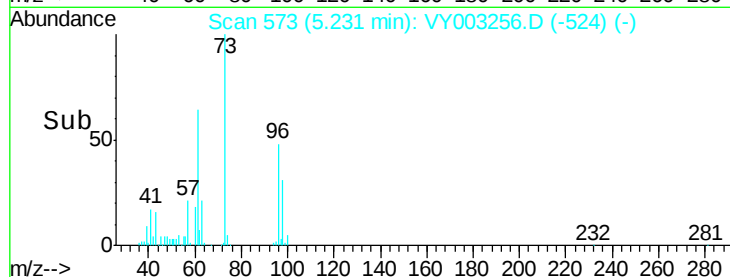
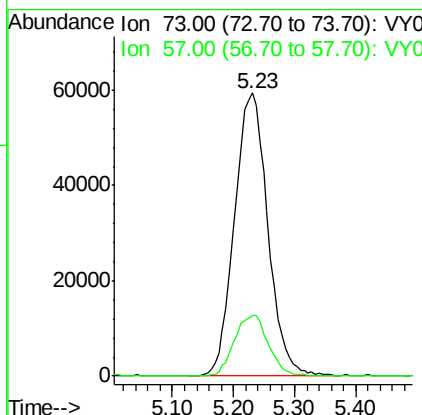
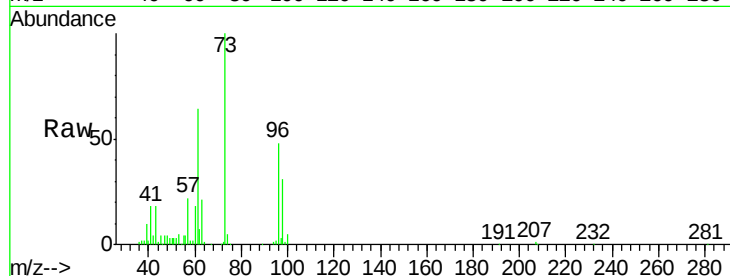




#19
Methvl tert-butvl Ether
Concen: 22.389 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

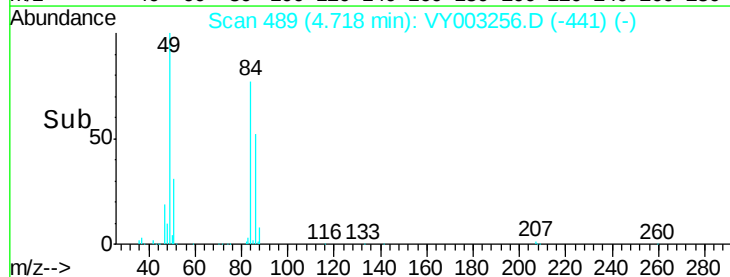
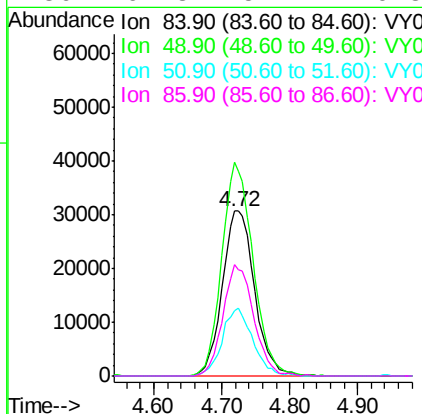
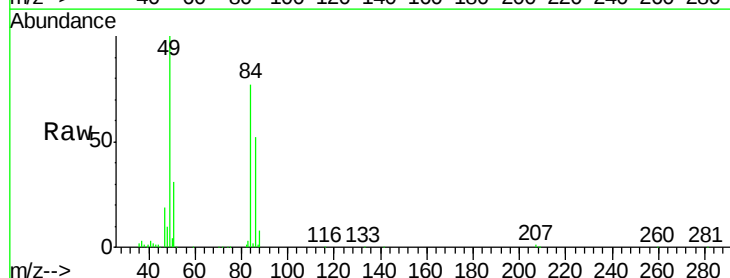
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

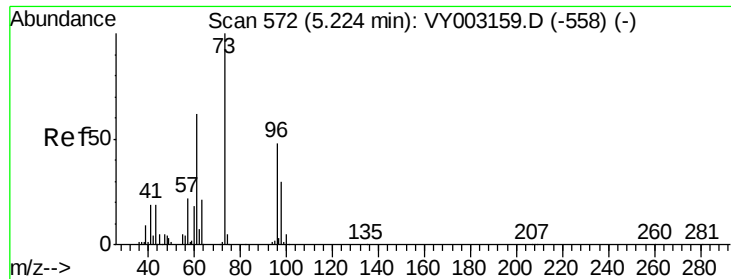
Tot Ion: 73 Resp: 224407
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1



#20
Methylene Chloride
Concen: 21.558 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 84 Resp: 100638
Ion Ratio Lower Upper
84 100
49 129.4 98.2 147.4
51 39.7 29.8 44.6
86 67.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.761 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

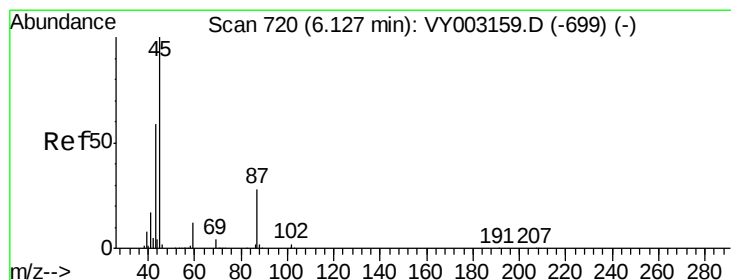
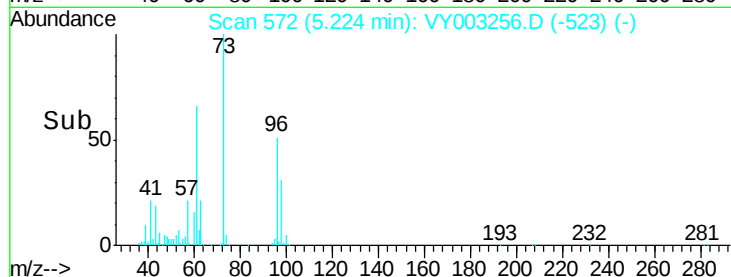
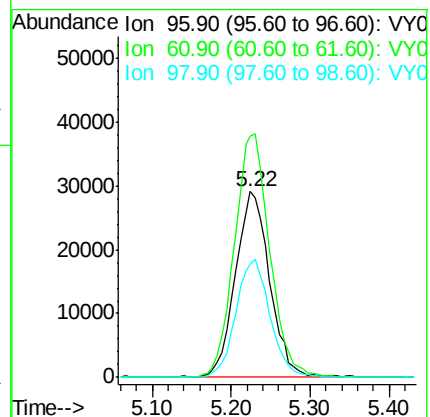
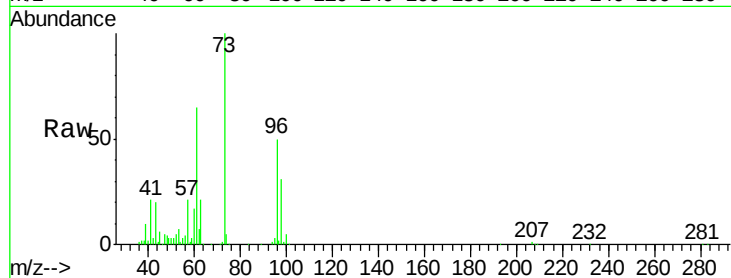
Tot Ion: 96 Resp: 88033

Ion Ratio Lower Upper

96 100

61 130.2 102.5 153.7

98 61.1 49.8 74.8



#22

Diisopropyl ether

Concen: 23.509 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion: 45 Resp: 276903

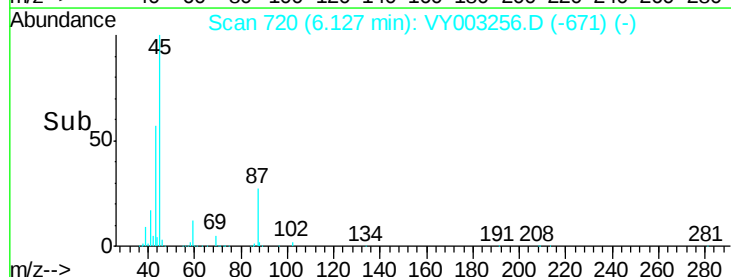
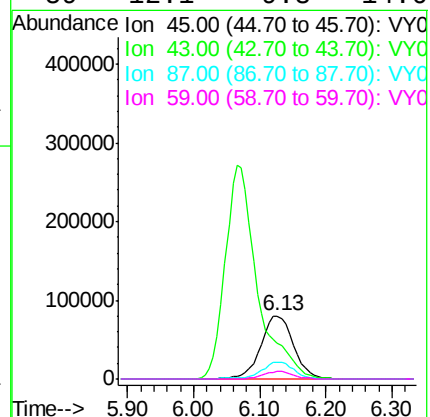
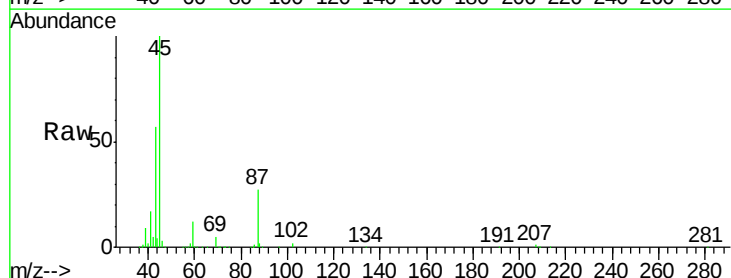
Ion Ratio Lower Upper

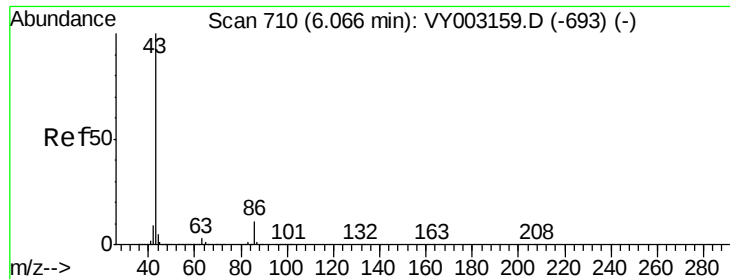
45 100

43 56.5 47.0 70.4

87 26.6 22.6 33.8

59 12.1 9.8 14.6





#23

Vinyl Acetate

Concen: 116.753 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

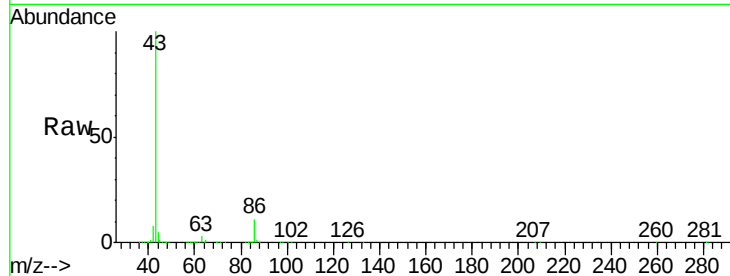
VY0721SBS01

Tot Ion: 43 Resp: 916581

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

300000

250000

200000

150000

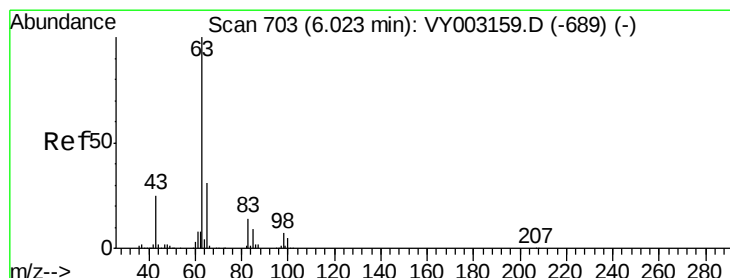
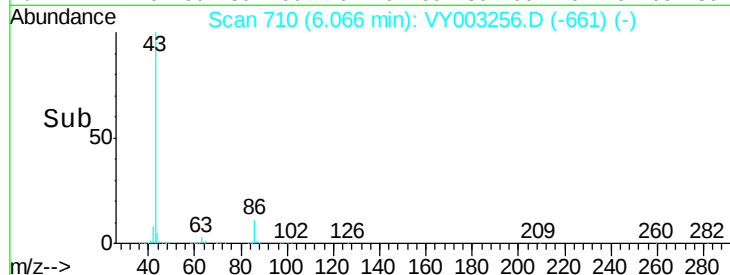
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.622 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

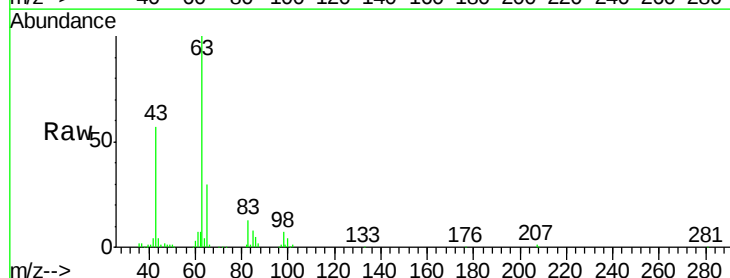
Tgt Ion: 63 Resp: 154370

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 3.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

60000

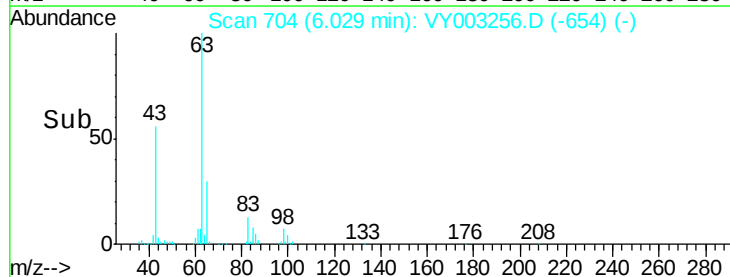
40000

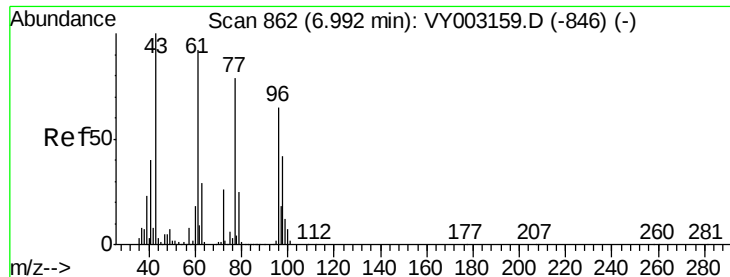
20000

0

Time-->

5.90 6.00 6.10

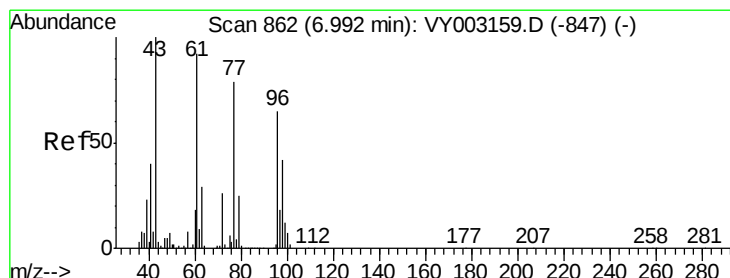
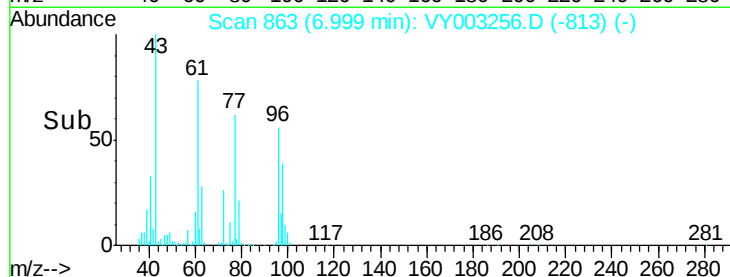
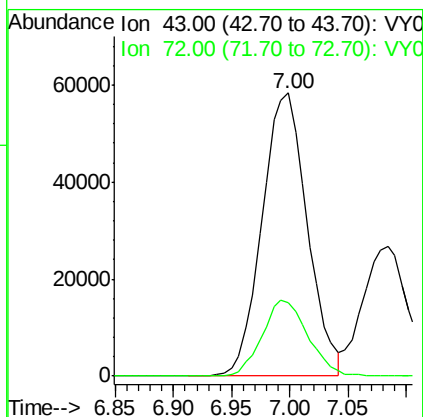
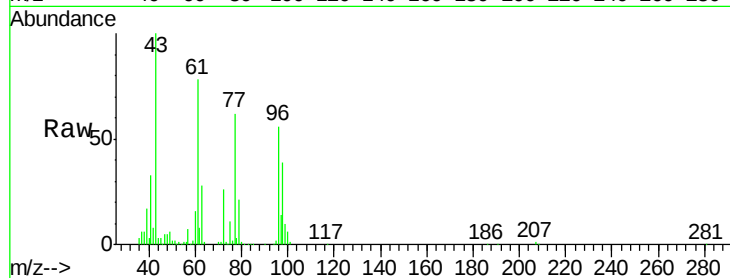




#25
2-Butanone
Concen: 117.975 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

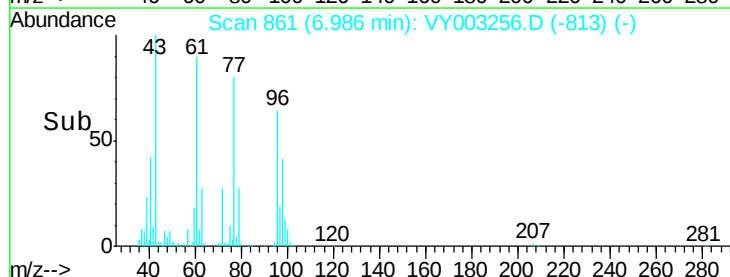
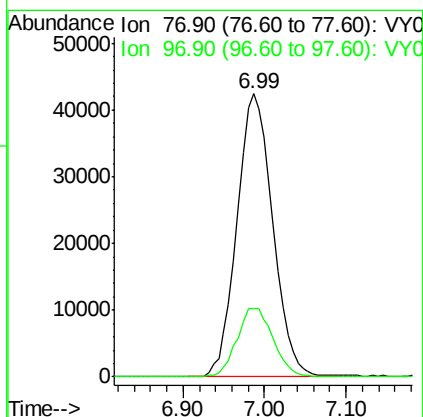
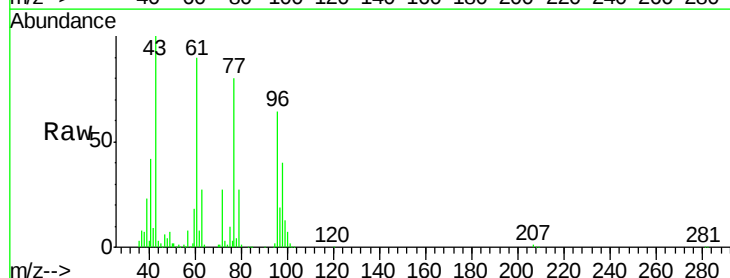
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

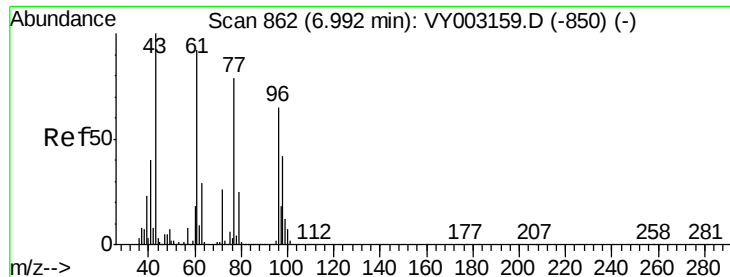
Tot Ion: 43 Resp: 156966
Ion Ratio Lower Upper
43 100
72 26.1 20.9 31.3



#26
2,2-Dichloropropane
Concen: 21.089 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 77 Resp: 129599
Ion Ratio Lower Upper
77 100
97 24.5 11.6 34.7



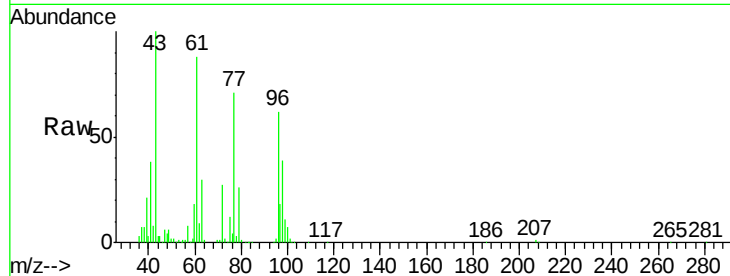


#27

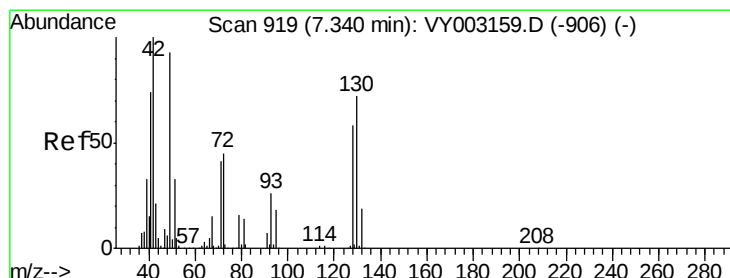
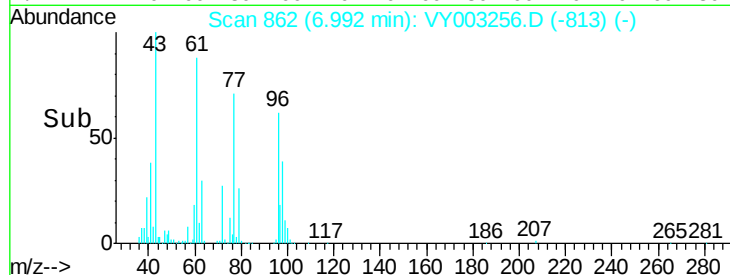
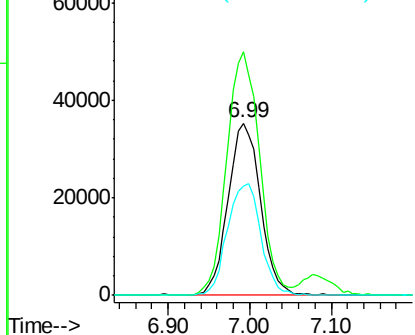
cis-1,2-Dichloroethene
Concen: 21.799 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion: 96 Resp: 97093
Ion Ratio Lower Upper
96 100
61 142.9 0.0 281.2
98 66.7 0.0 129.8



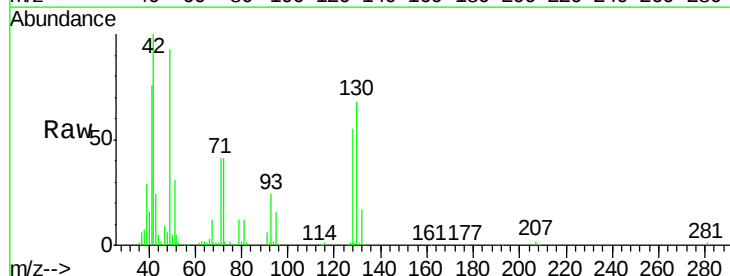
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



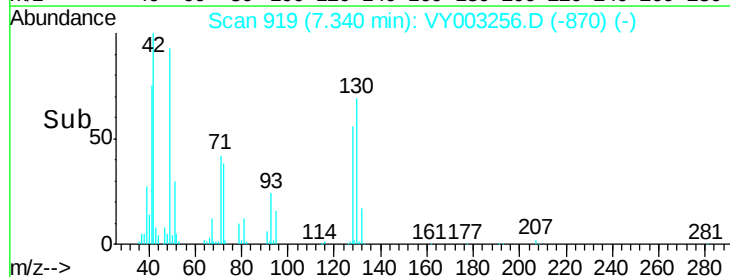
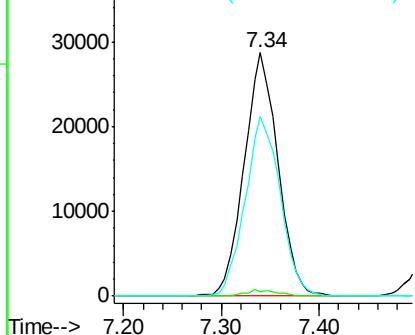
#28

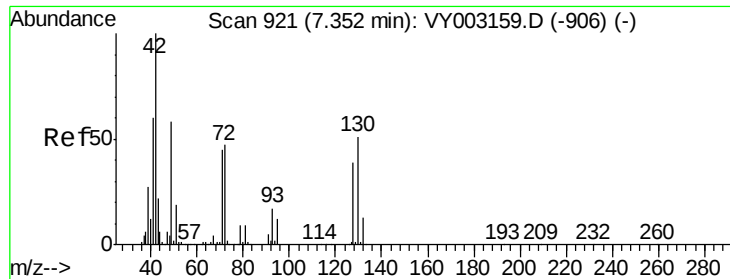
Bromochloromethane
Concen: 23.317 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 49 Resp: 68888
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 76.8 64.9 97.3



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





#29

Tetrahydrofuran

Concen: 121.318 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

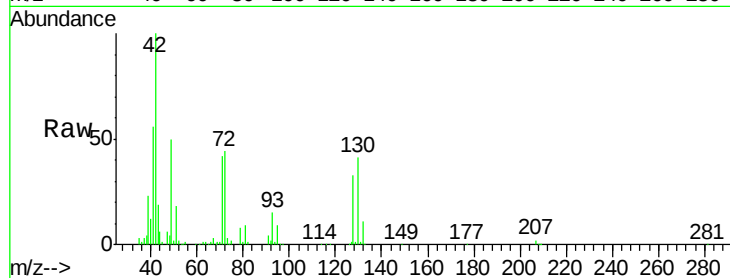
Tot Ion: 42 Resp: 108435

Ion Ratio Lower Upper

42 100

72 42.5 36.7 55.1

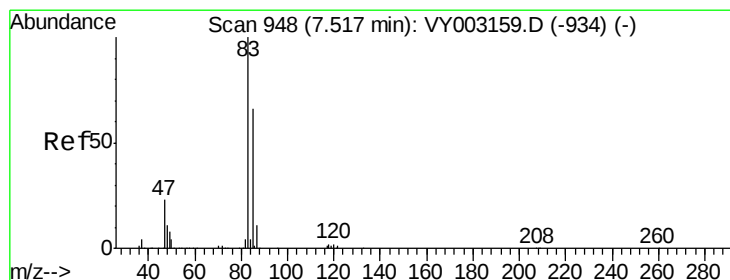
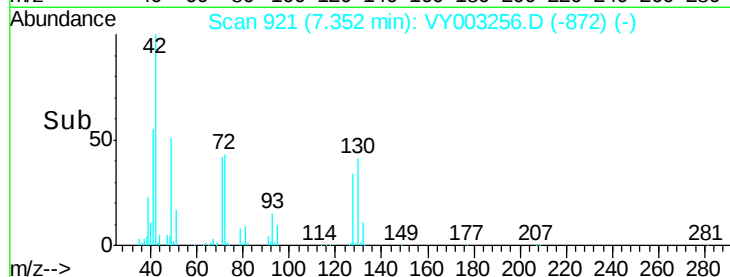
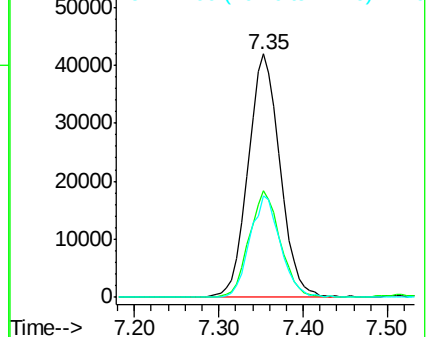
71 39.9 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.233 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003256.D

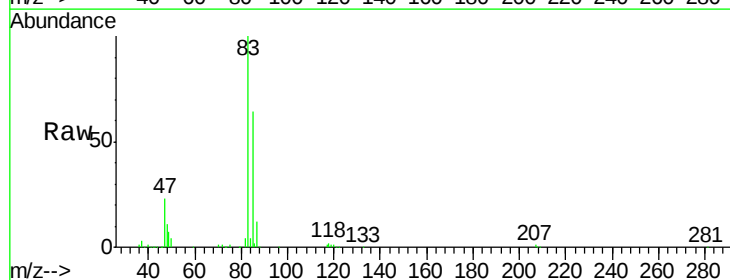
Acq: 21 Jul 2020 18:04

Tgt Ion: 83 Resp: 156254

Ion Ratio Lower Upper

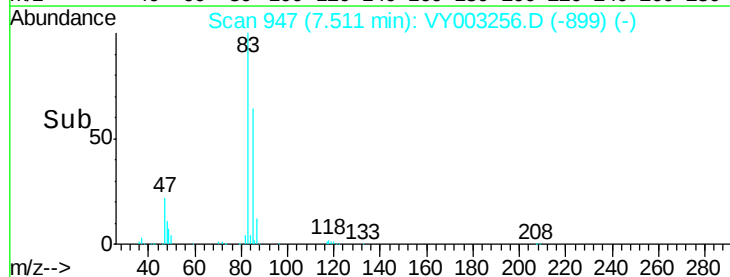
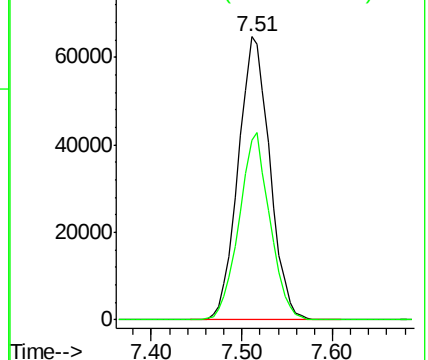
83 100

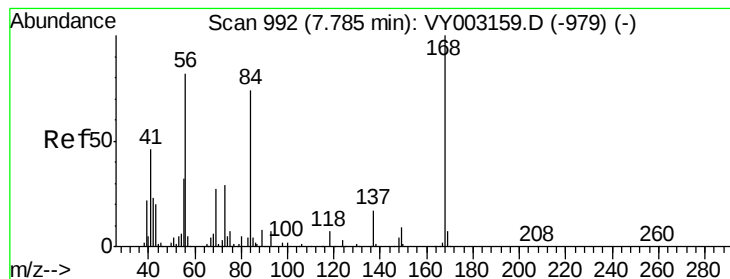
85 63.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 22.052 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

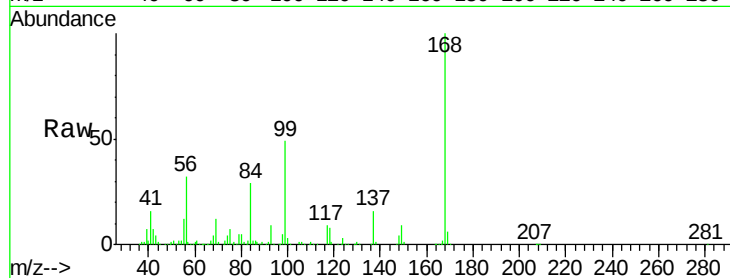
Tot Ion: 56 Resp: 145513

Ion Ratio Lower Upper

56 100

69 36.3 26.7 40.1

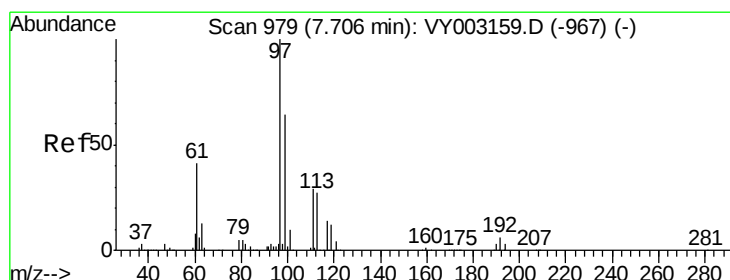
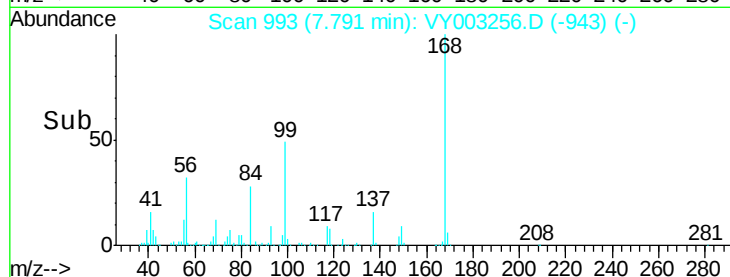
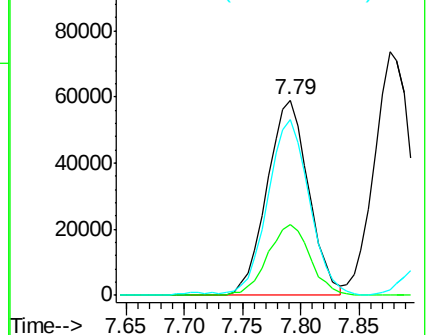
84 88.5 72.3 108.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.724 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

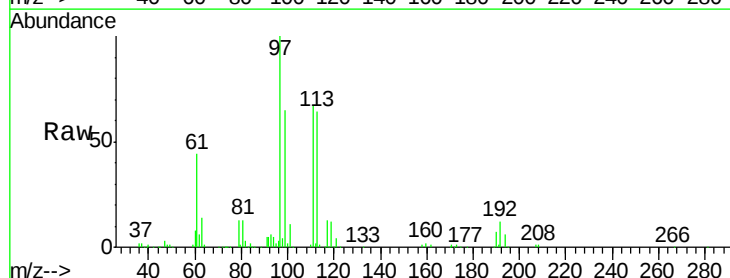
Tgt Ion: 97 Resp: 137451

Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

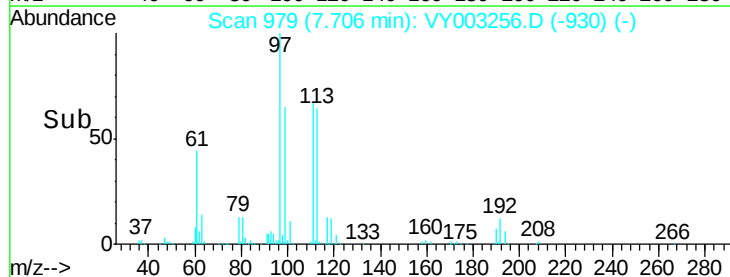
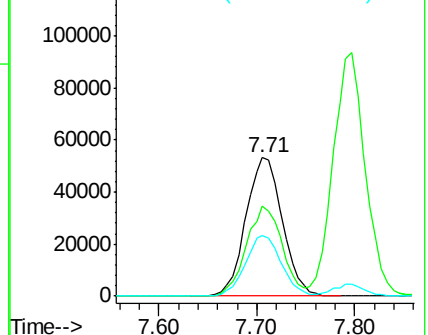
61 43.4 33.9 50.9

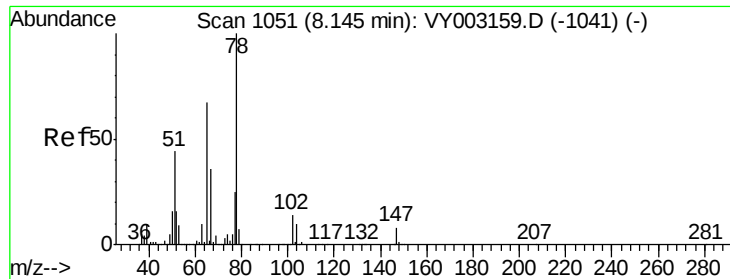


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

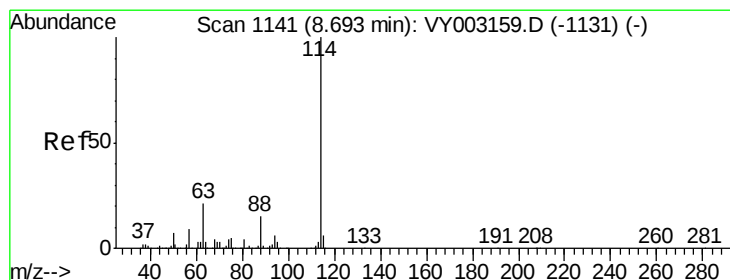
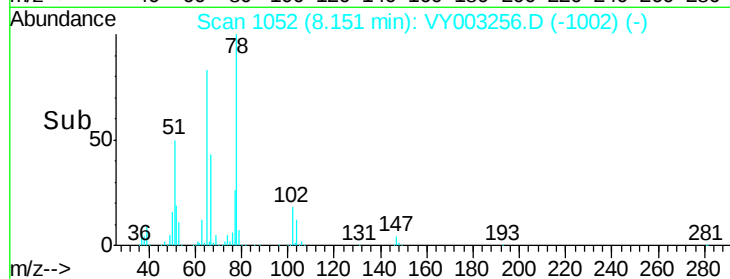
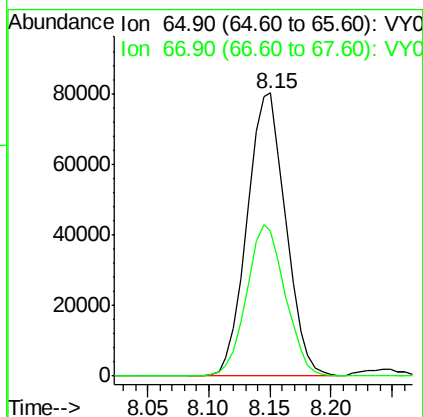
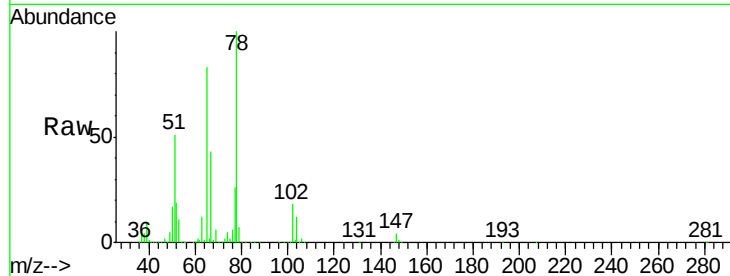




#33
 1,2-Dichloroethane-d4
 Concen: 48.609 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

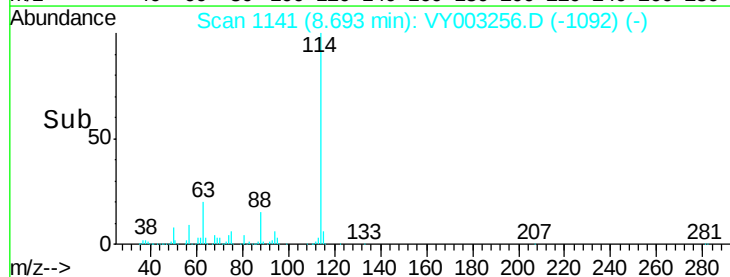
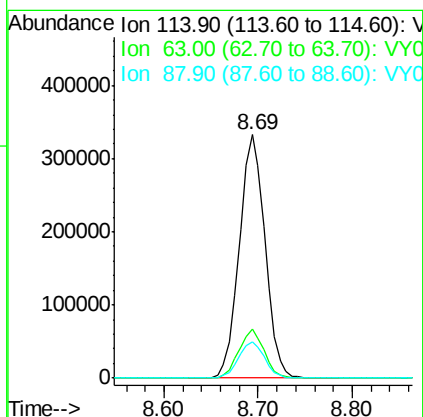
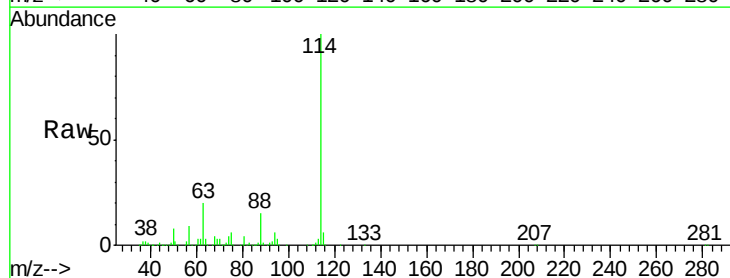
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

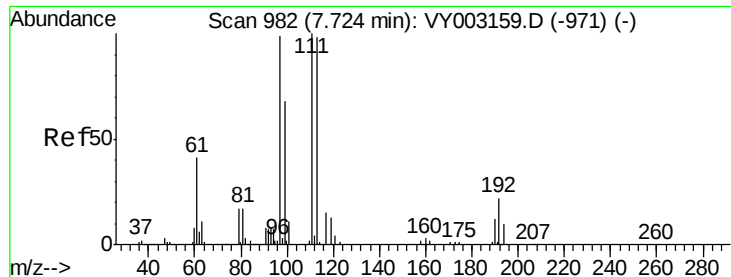
Tot Ion: 65 Resp: 176343
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 114 Resp: 632645
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 15.1 0.0 30.2

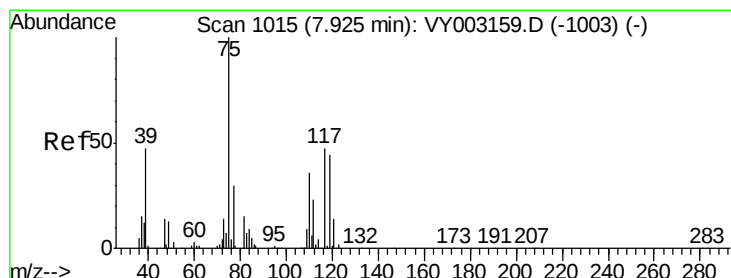
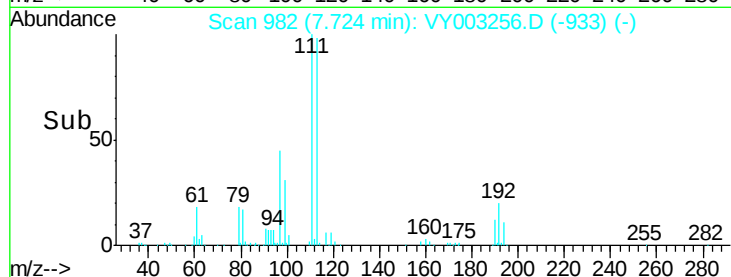
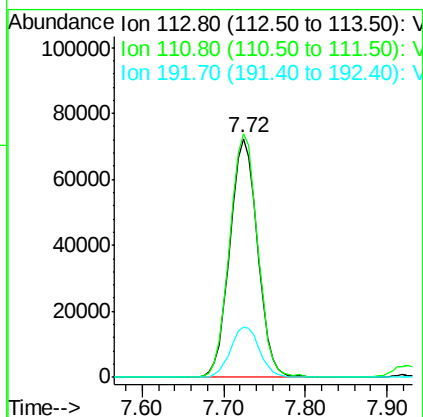
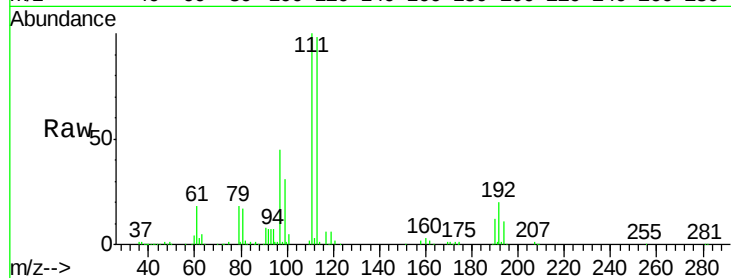




#35
 Dibromofluoromethane
 Concen: 46.335 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

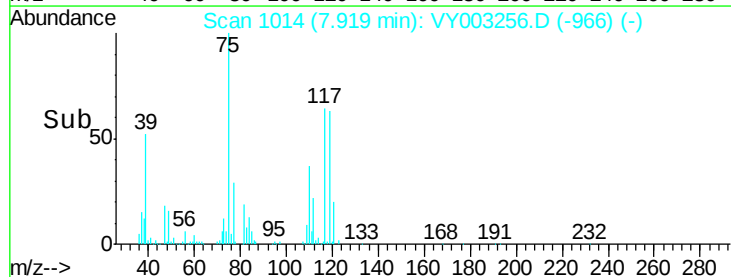
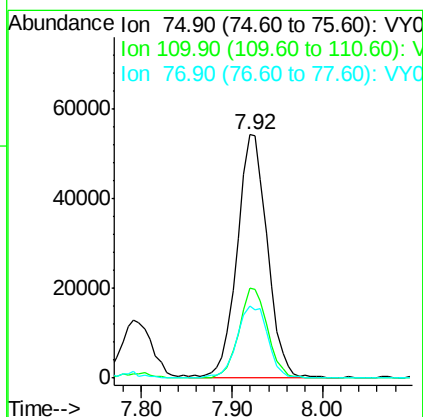
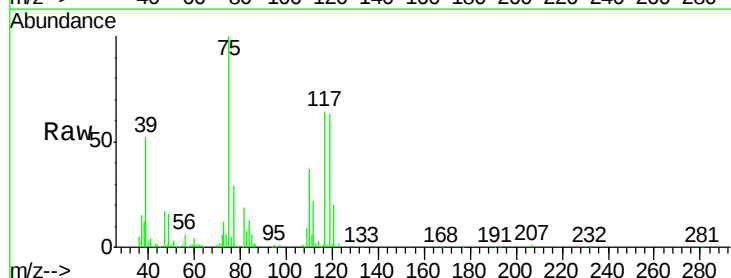
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

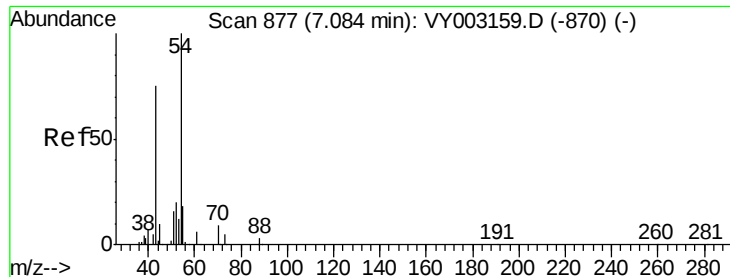
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	22.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 21.626 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.1
77	30.9	24.8	37.2

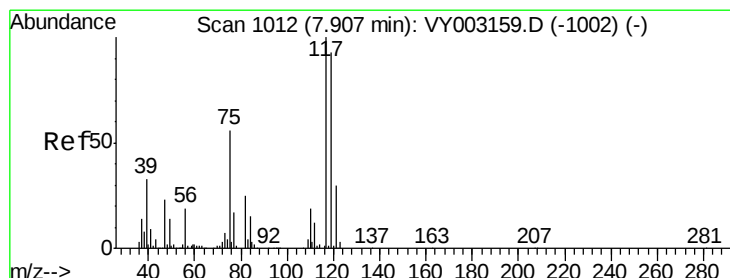
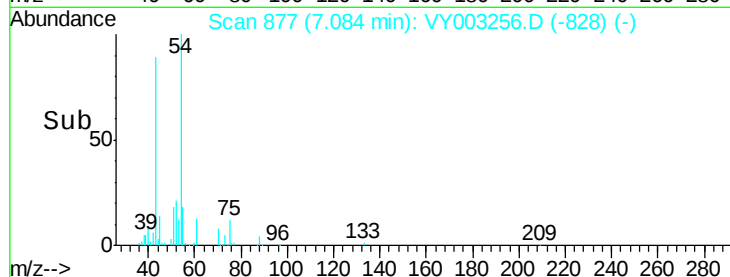
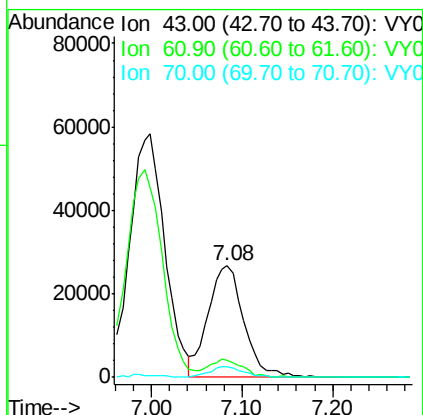
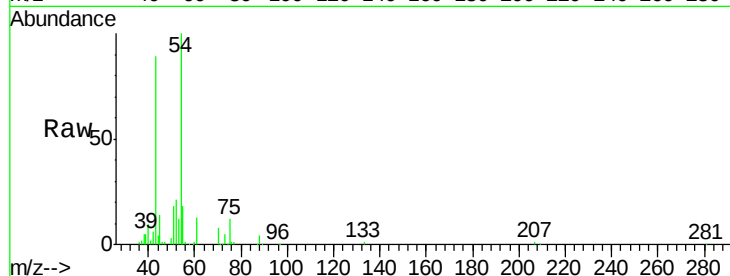




#37
Ethyl Acetate
Concen: 23.766 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

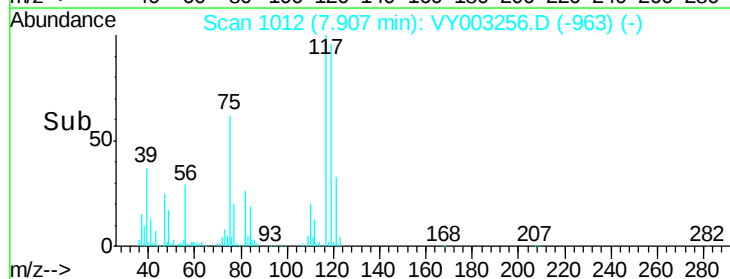
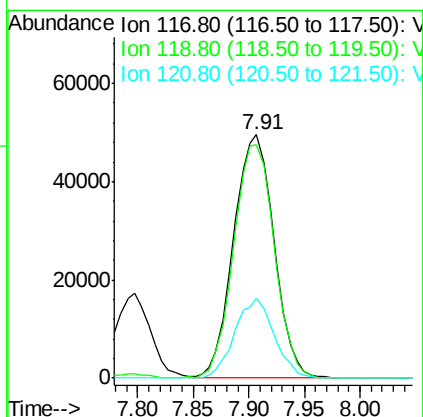
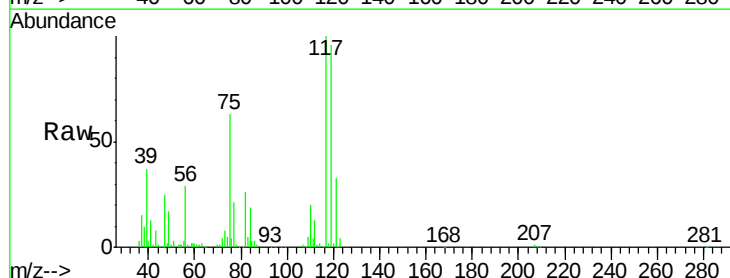
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

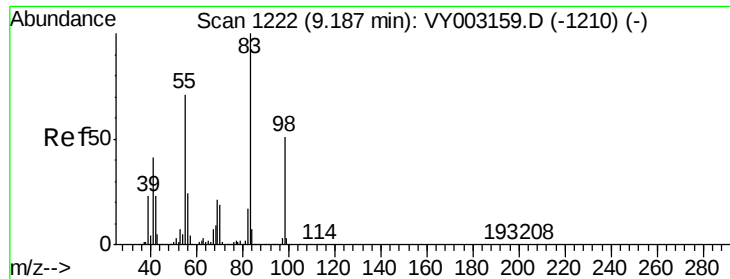
Tot Ion: 43 Resp: 73386
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.6
70 9.4 8.6 13.0



#38
Carbon Tetrachloride
Concen: 21.199 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 117 Resp: 125482
Ion Ratio Lower Upper
117 100
119 95.7 74.5 111.7
121 33.0 24.2 36.2

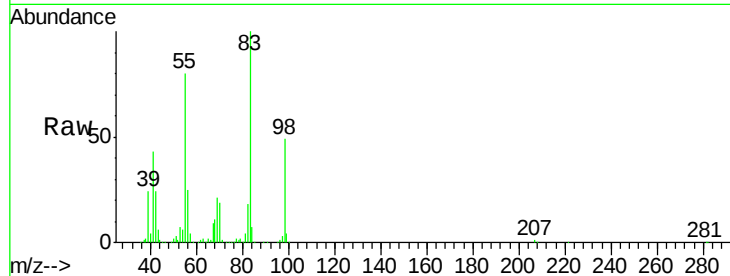




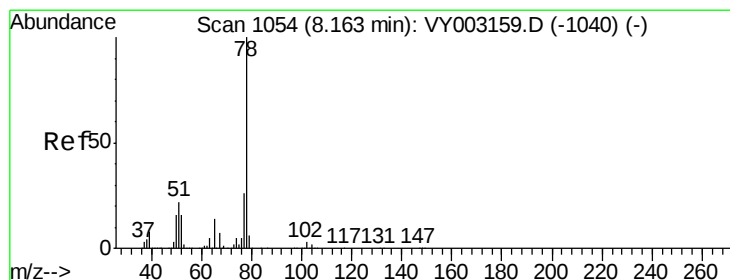
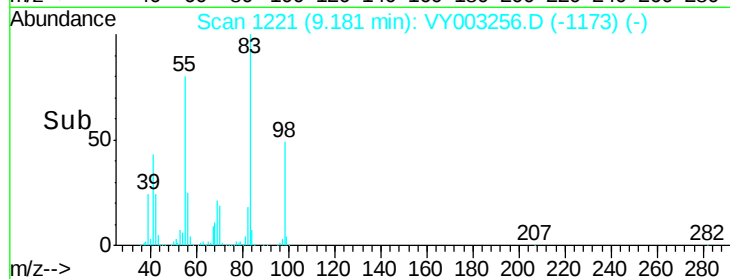
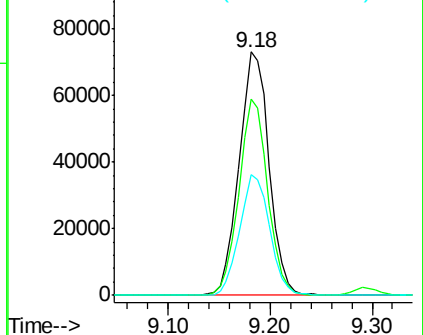
#39
Methvlcvclohexane
Concen: 20.690 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion: 83 Resp: 149027
Ion Ratio Lower Upper
83 100
55 80.4 57.2 85.8
98 49.3 41.0 61.6

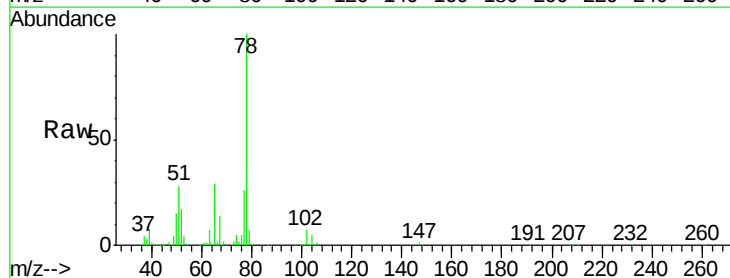


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

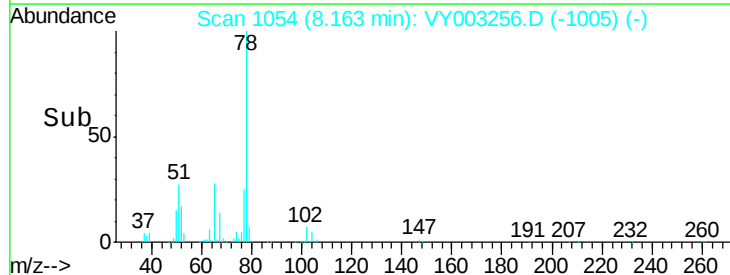
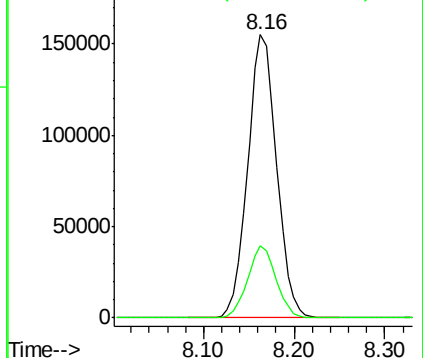


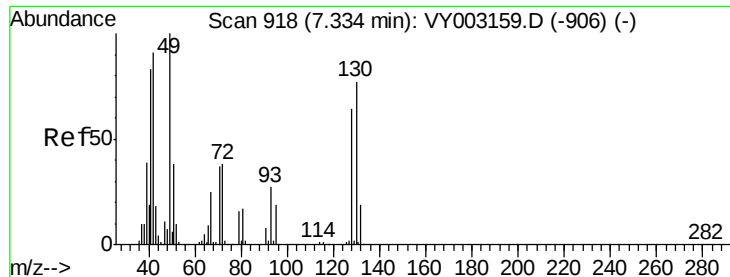
#40
Benzene
Concen: 21.624 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 78 Resp: 341406
Ion Ratio Lower Upper
78 100
77 25.5 20.7 31.1



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

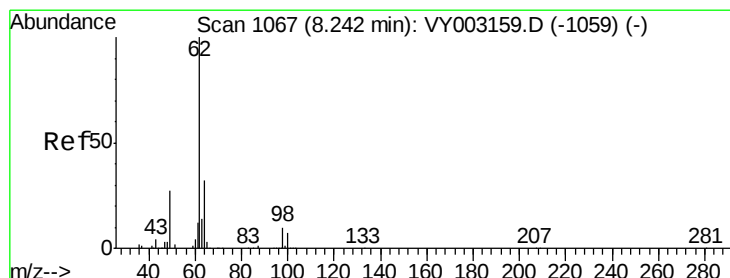
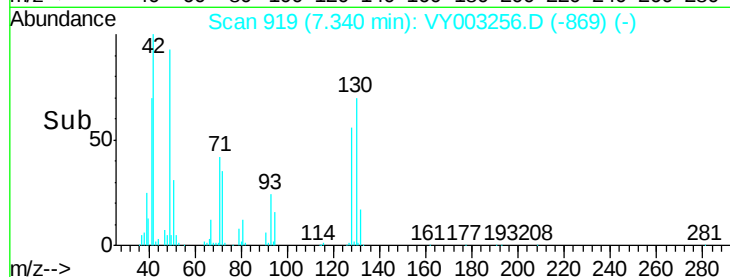
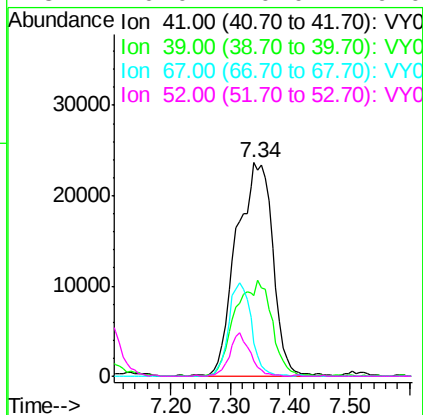
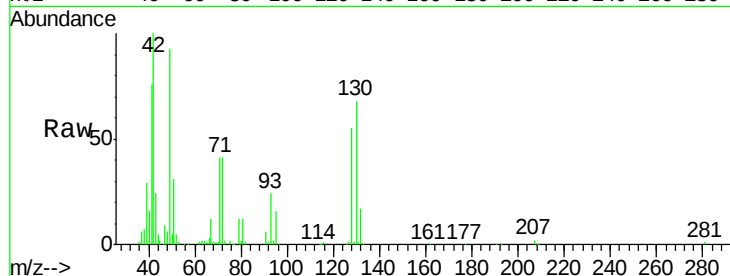




#41
Methacrylonitrile
Concen: 54.251 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

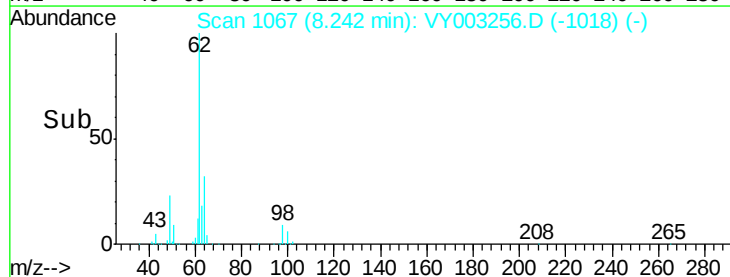
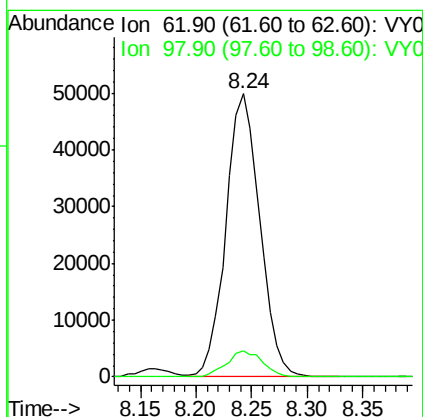
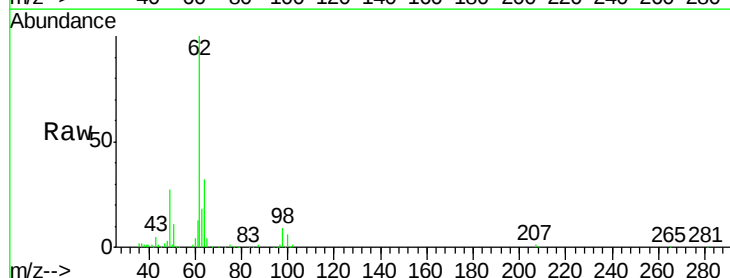
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

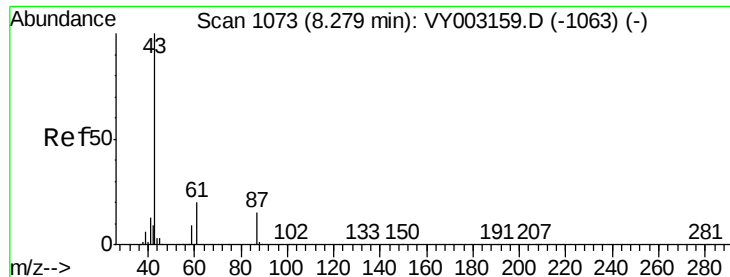
Tot Ion:	41	Resp:	100892
Ion	Ratio	Lower	Upper
41	100		
39	44.9	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.698 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:	62	Resp:	105462
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

Isopropyl Acetate

Concen: 22.334 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

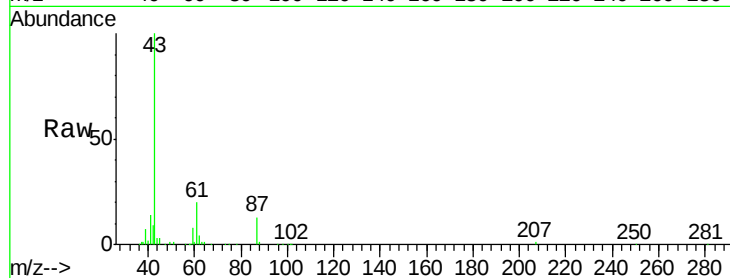
Tot Ion: 43 Resp: 133489

Ion Ratio Lower Upper

43 100

61 28.7 23.7 35.5

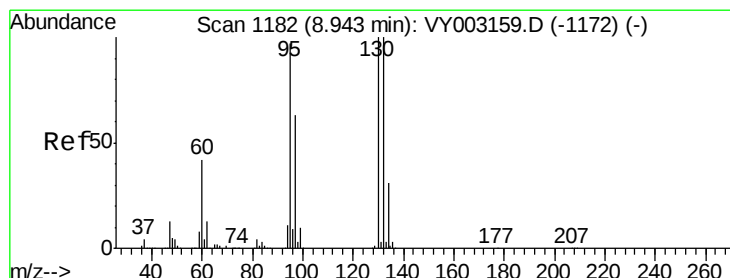
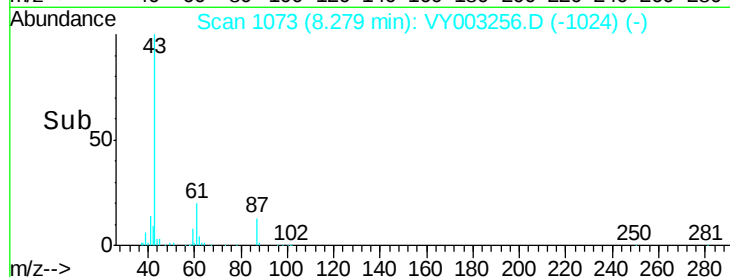
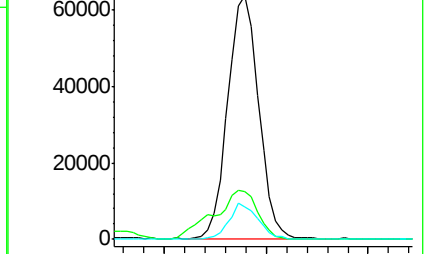
87 13.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003159.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003159.D (-1063) (-)



#44

Trichloroethene

Concen: 21.080 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003256.D

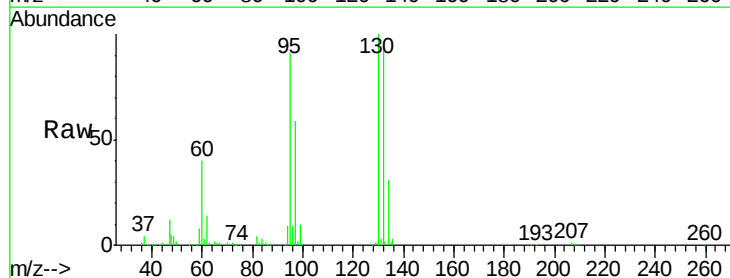
Acq: 21 Jul 2020 18:04

Tgt Ion: 130 Resp: 102024

Ion Ratio Lower Upper

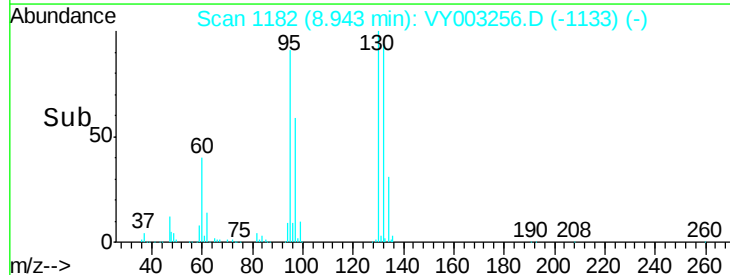
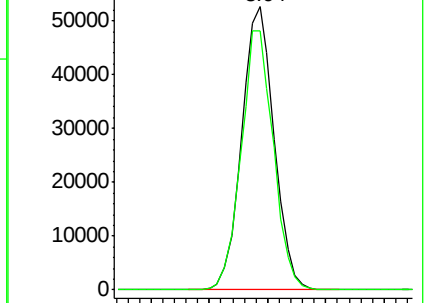
130 100

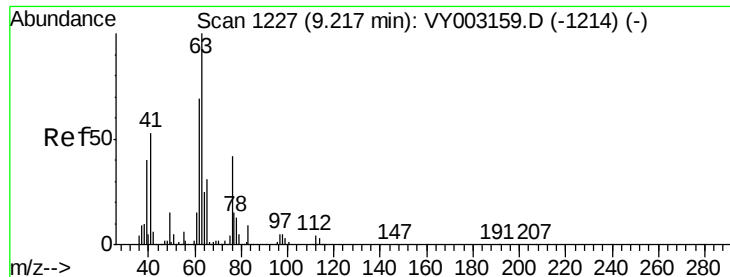
95 91.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003159.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003159.D (-1172) (-)

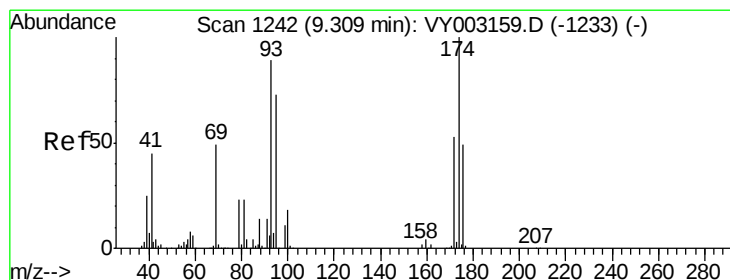
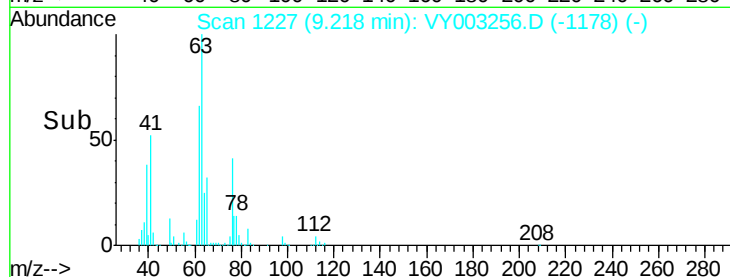
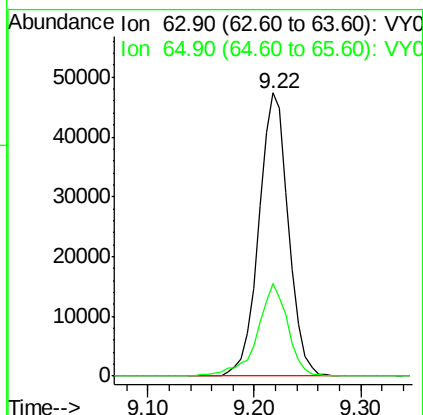
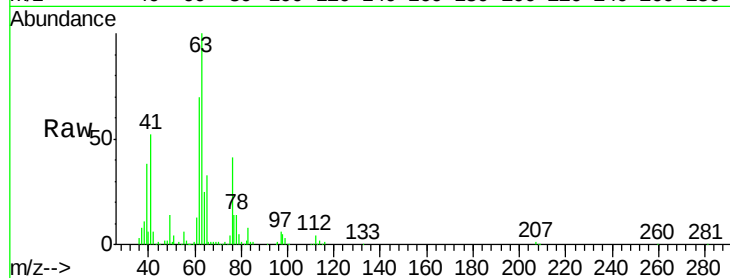




#45
 1,2-Dichloropropane
 Concen: 22.517 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

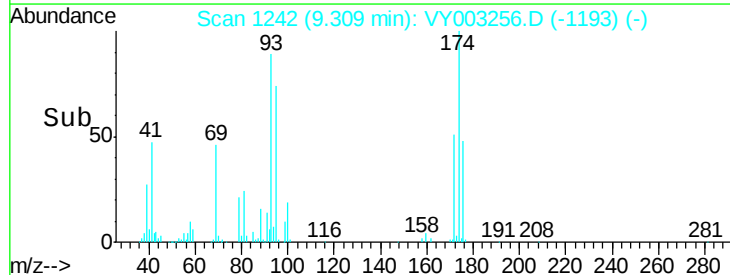
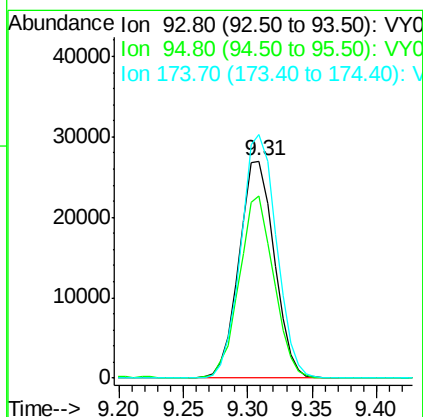
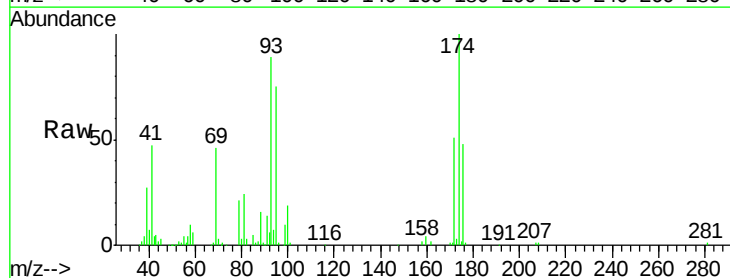
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

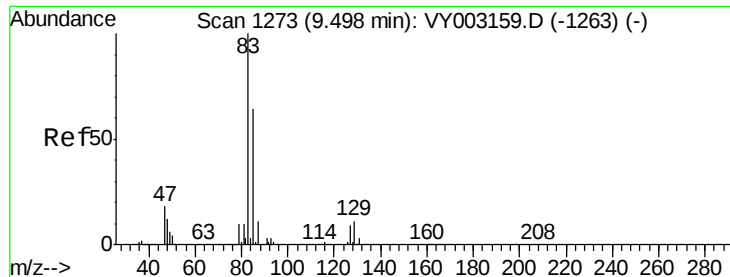
Tot Ion: 63 Resp: 91987
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.4



#46
 Dibromomethane
 Concen: 21.537 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 93 Resp: 51388
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.6 99.8
 174 112.8 90.2 135.4





#47

Bromodichloromethane

Concen: 21.859 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

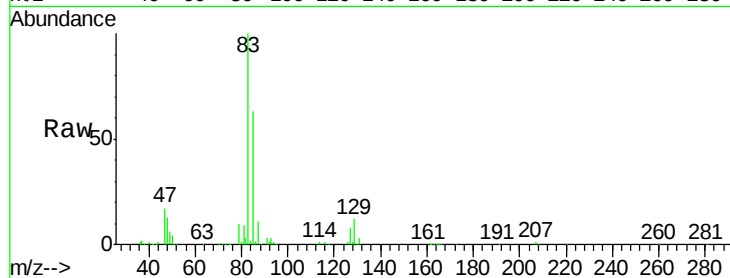
Tot Ion: 83 Resp: 124045

Ion Ratio Lower Upper

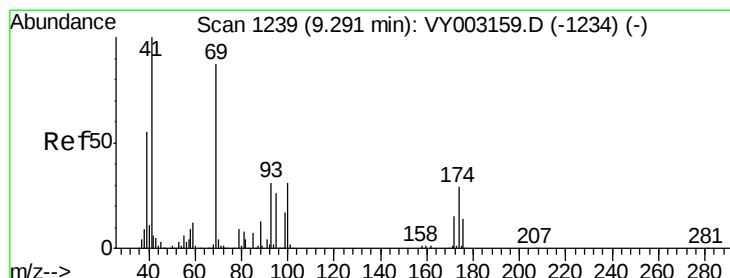
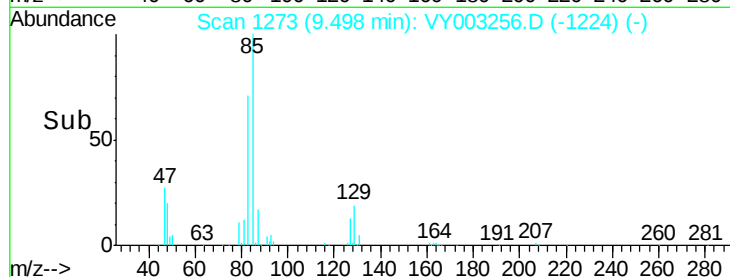
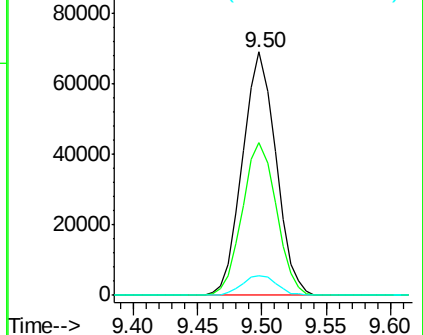
83 100

85 62.7 50.9 76.3

127 8.2 7.0 10.4



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



#48

Methyl methacrylate

Concen: 22.276 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

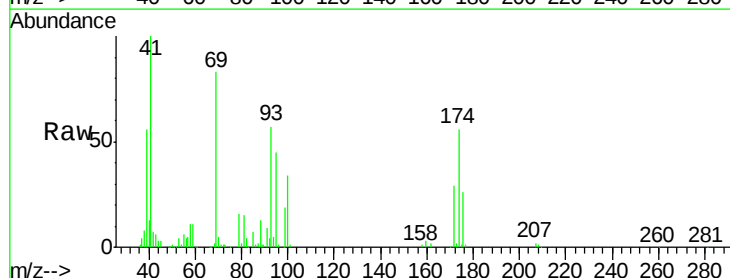
Tgt Ion: 41 Resp: 59522

Ion Ratio Lower Upper

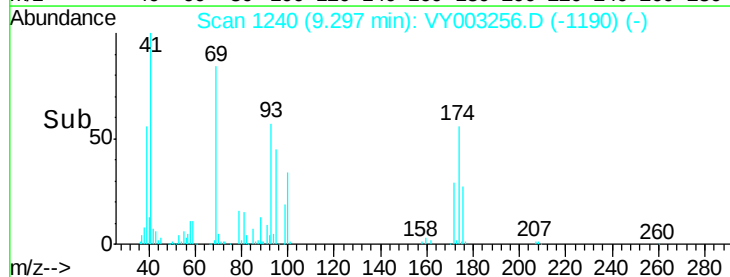
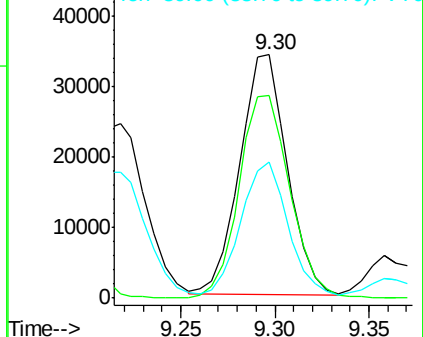
41 100

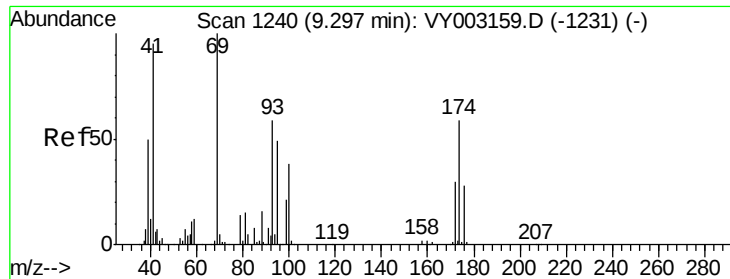
69 90.6 74.5 111.7

39 57.0 47.5 71.3



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

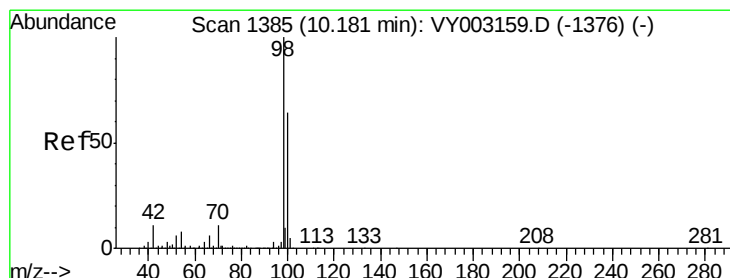
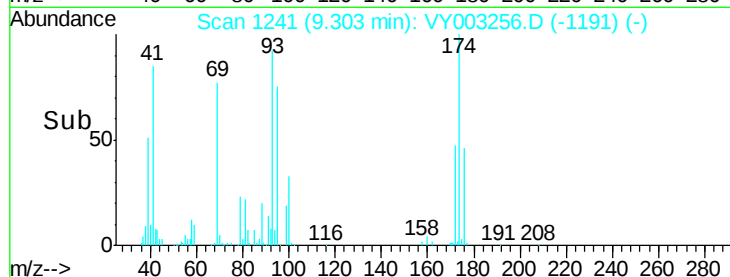
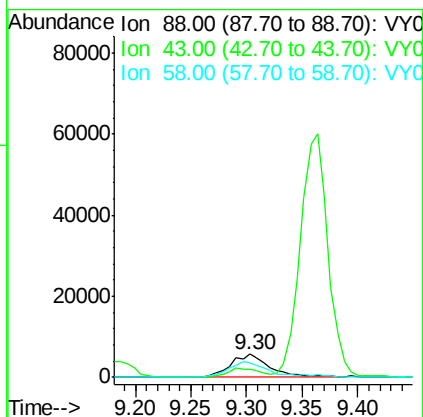
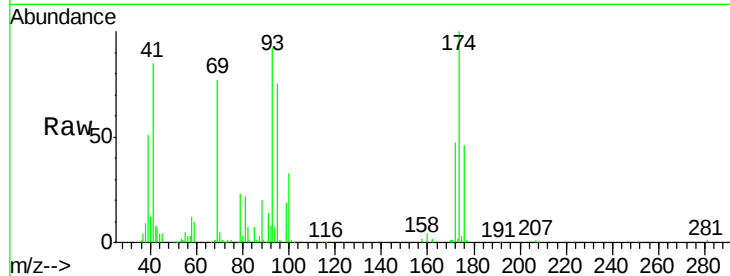




#49
 1,4-Dioxane
 Concen: 465.777 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

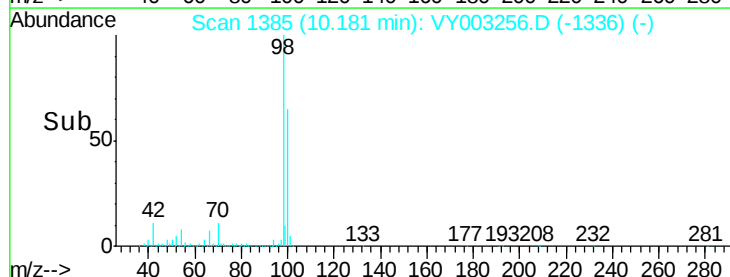
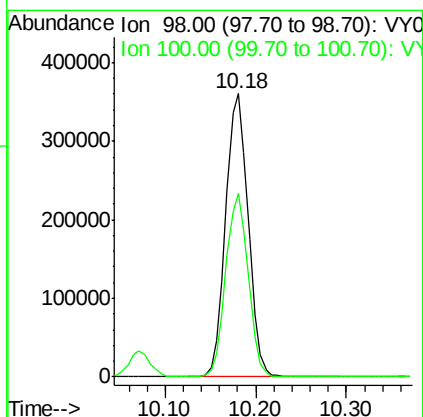
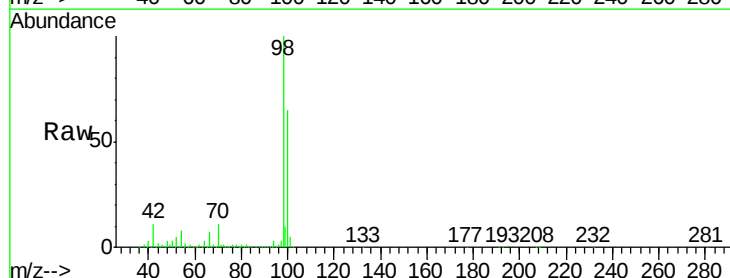
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

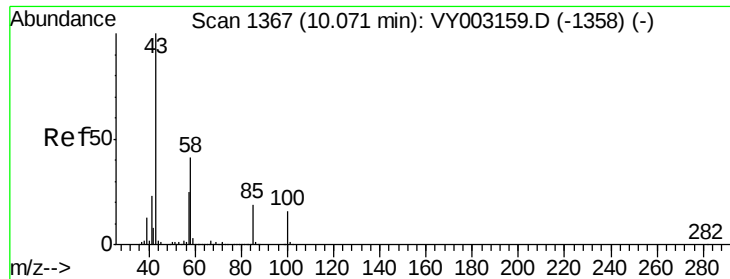
Tot Ion: 88 Resp: 14105
 Ion Ratio Lower Upper
 88 100
 43 31.3 25.6 38.4
 58 64.7 47.8 71.6



#50
 Toluene-d8
 Concen: 46.028 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 98 Resp: 623011
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.7 76.1

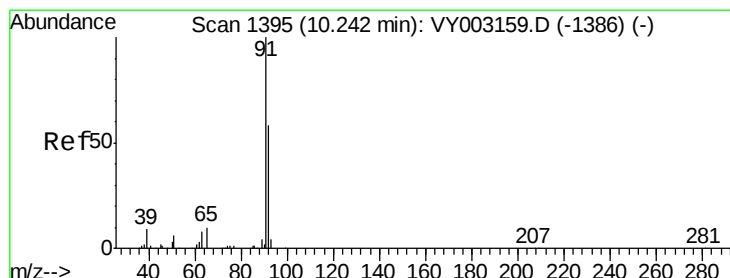
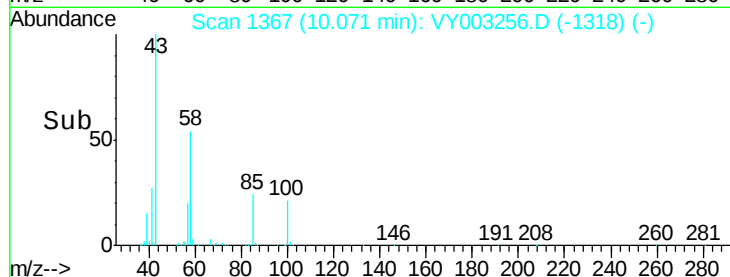
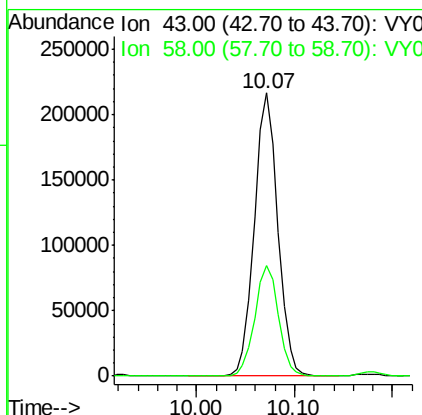
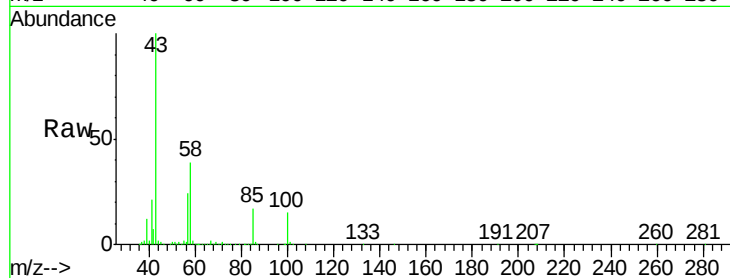




#51
4-Methyl-2-Pentanone
Concen: 116.000 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

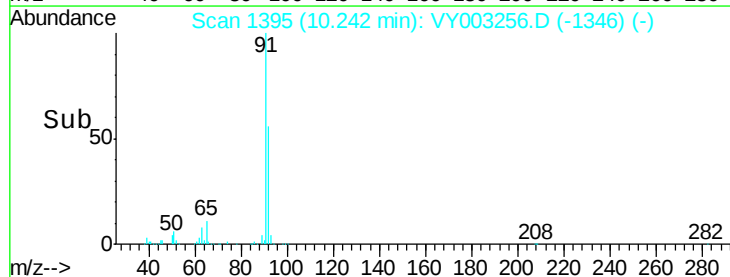
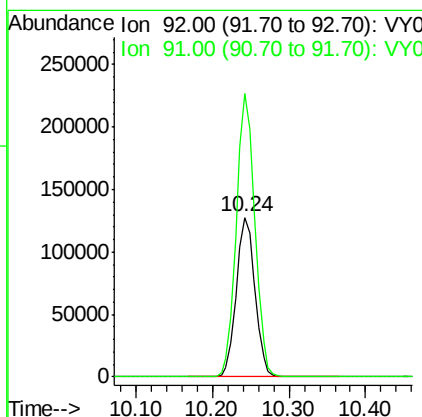
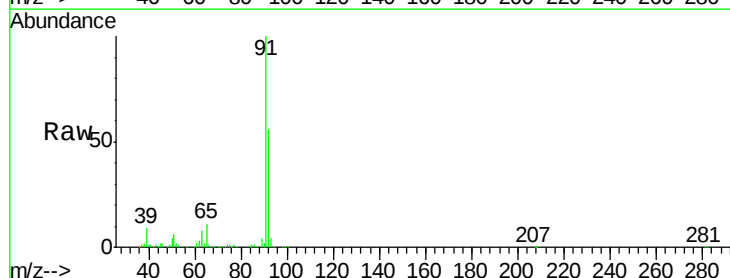
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

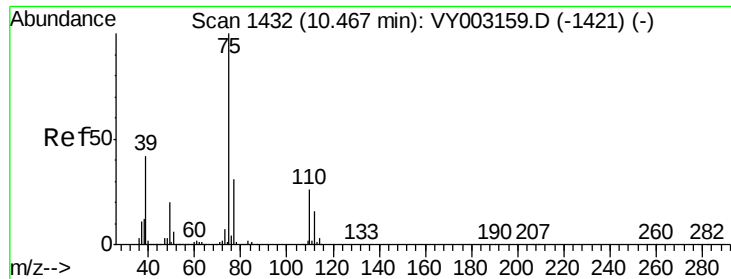
Tot Ion: 43 Resp: 360371
Ion Ratio Lower Upper
43 100
58 39.4 32.7 49.1



#52
Toluene
Concen: 21.368 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 92 Resp: 215624
Ion Ratio Lower Upper
92 100
91 176.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 22.097 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

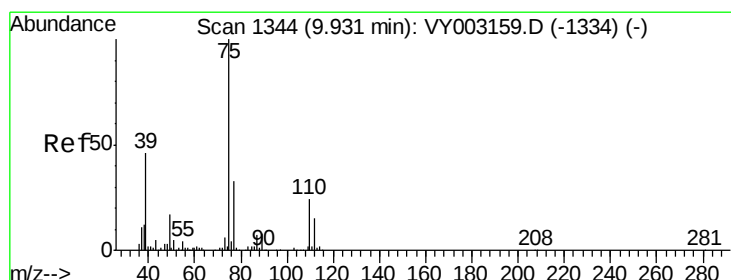
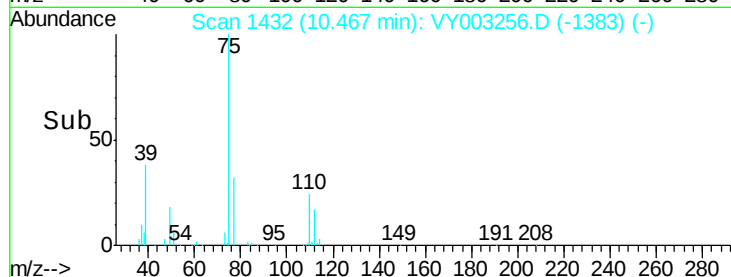
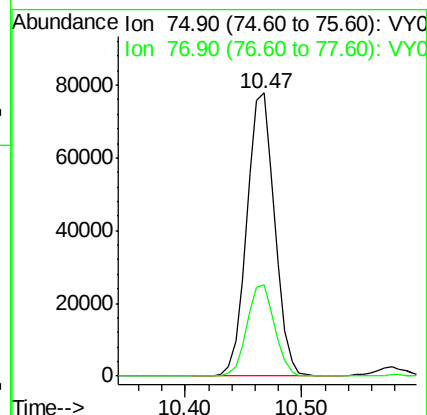
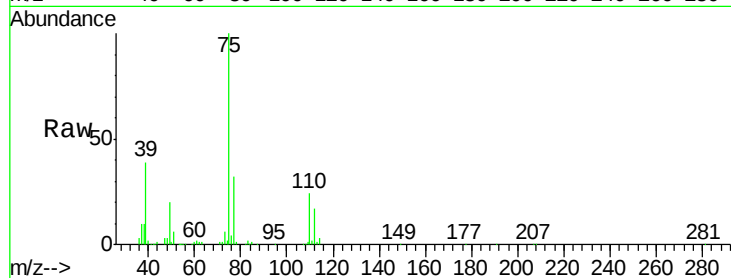
VY0721SBS01

Tot Ion: 75 Resp: 129921

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.705 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

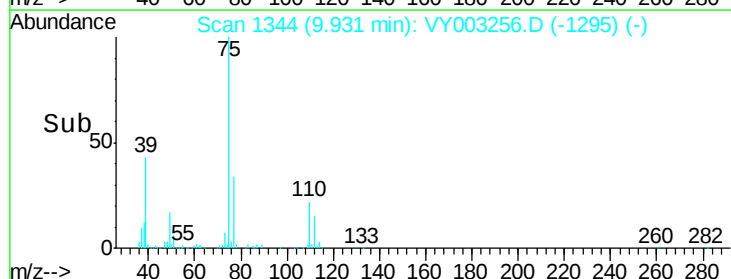
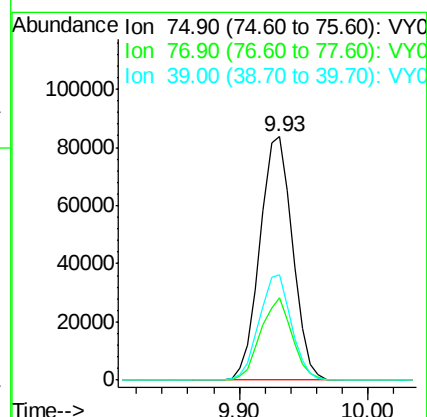
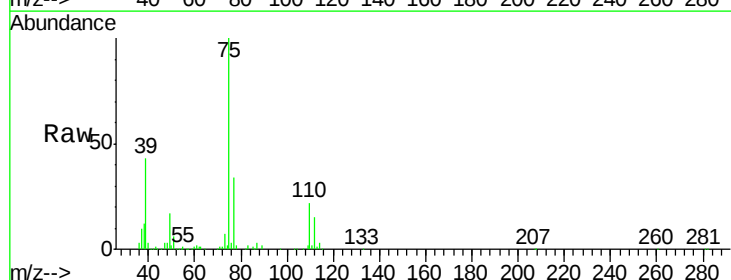
Tgt Ion: 75 Resp: 147039

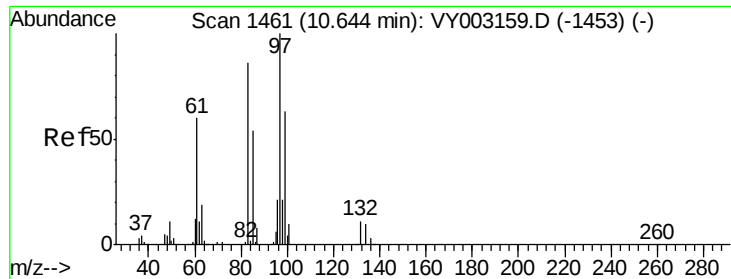
Ion Ratio Lower Upper

75 100

77 34.0 26.7 40.1

39 43.4 37.0 55.6

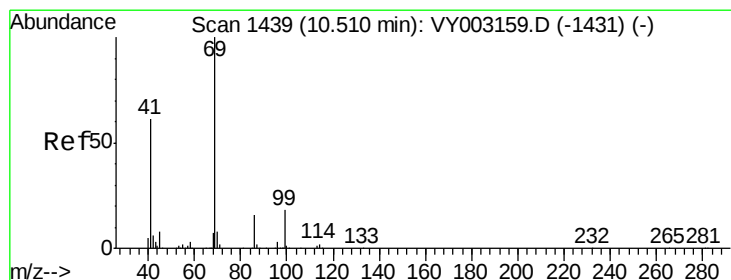
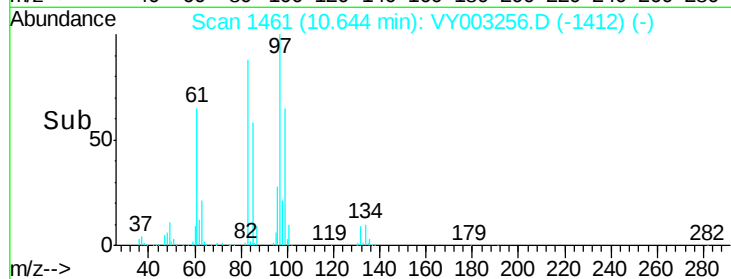
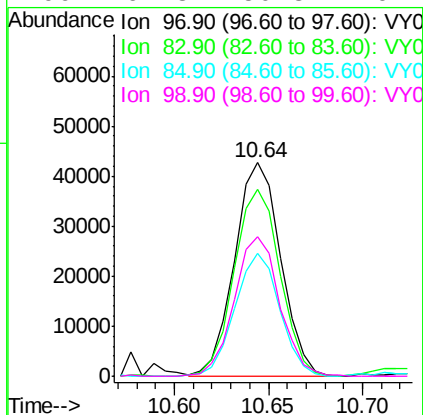
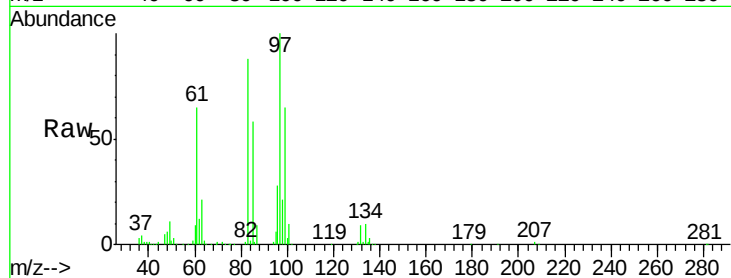




#55
 1,1,2-Trichloroethane
 Concen: 21.409 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

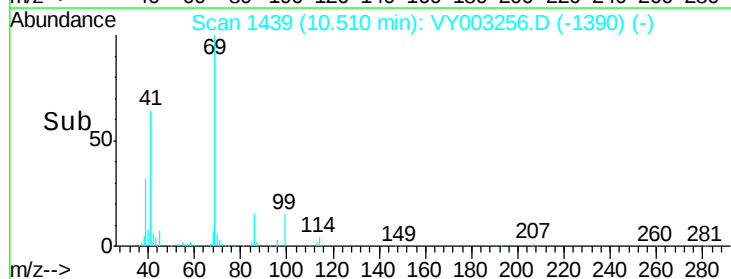
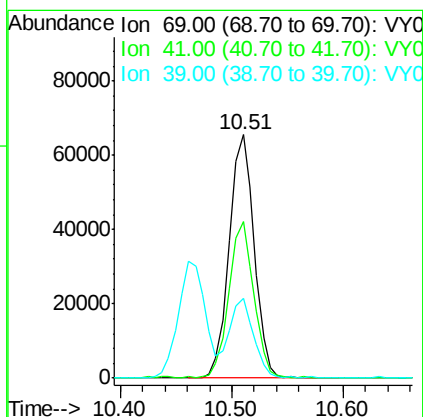
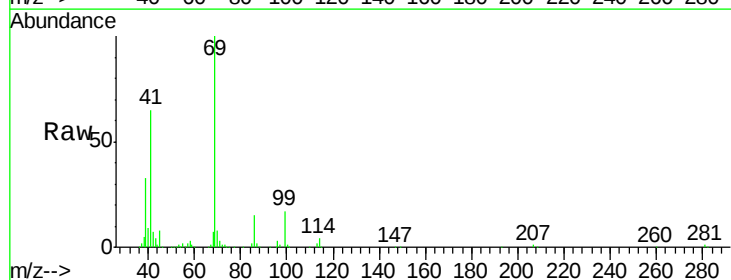
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

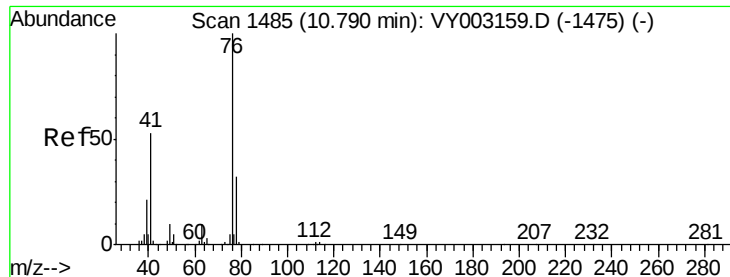
Tot Ion:	97	Resp:	72386
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.8	103.2
85	57.6	43.1	64.7
99	64.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 22.132 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion:	69	Resp:	101733
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	31.9	27.6	41.4





#57

1,3-Dichloropropane

Concen: 22.087 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

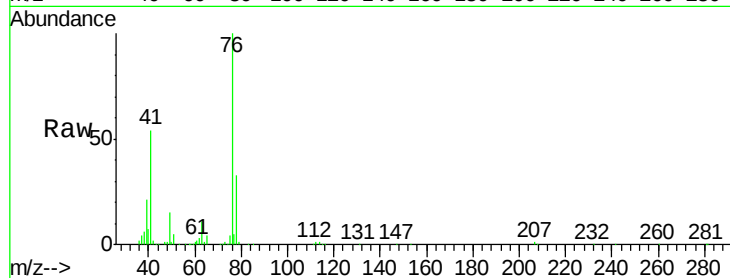
VY0721SBS01

Tot Ion: 76 Resp: 126622

Ion Ratio Lower Upper

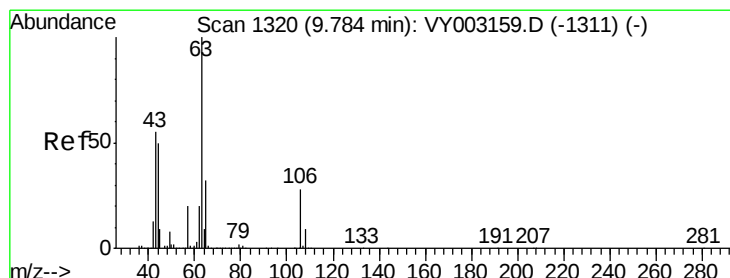
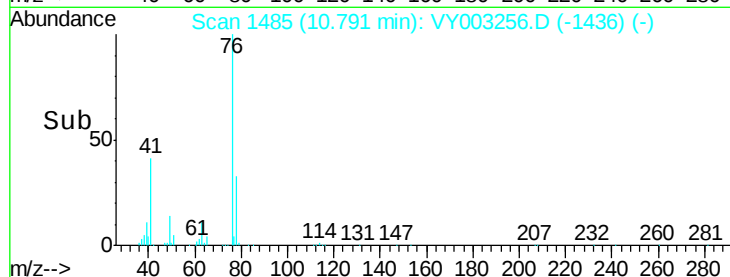
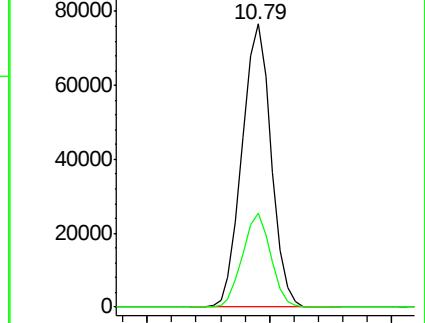
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 112.089 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003256.D

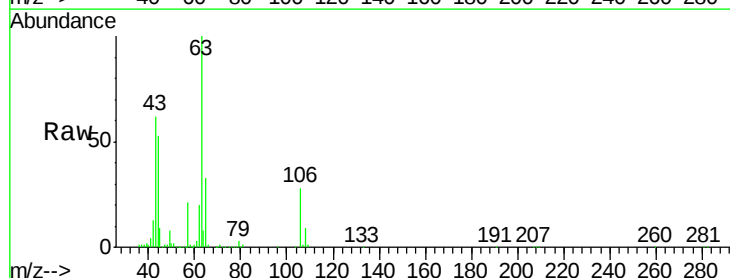
Acq: 21 Jul 2020 18:04

Tgt Ion: 63 Resp: 262775

Ion Ratio Lower Upper

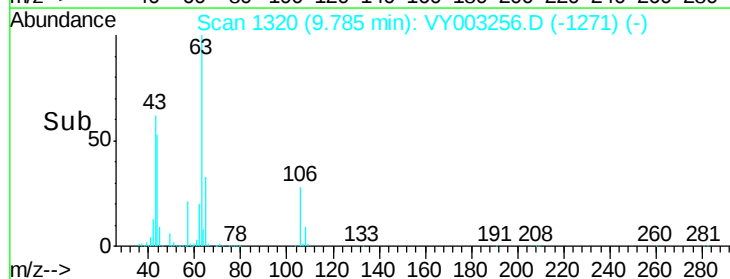
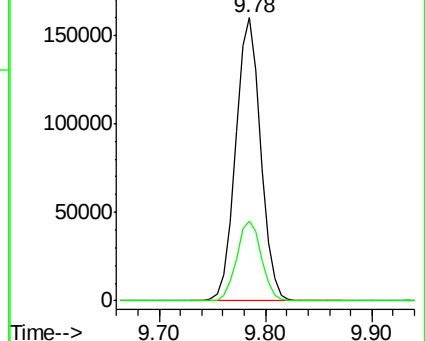
63 100

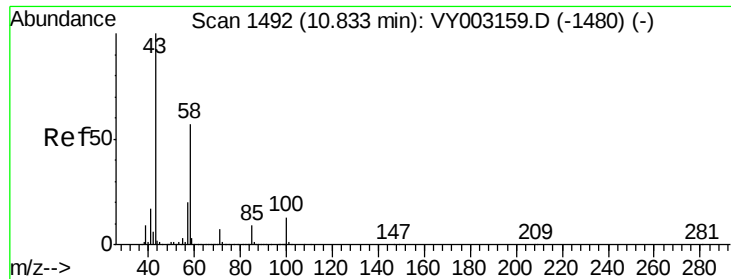
106 28.1 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

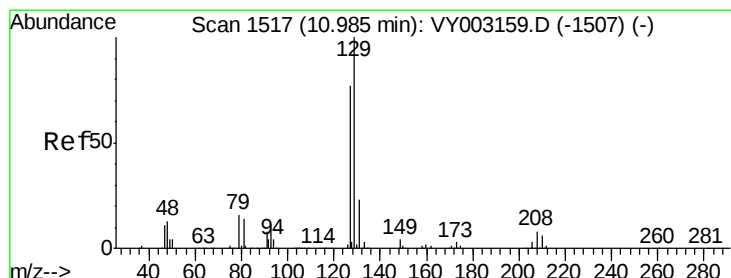
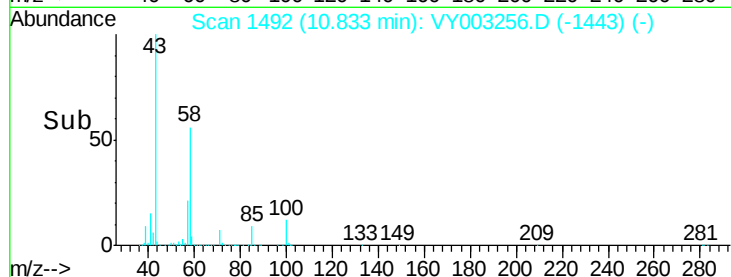
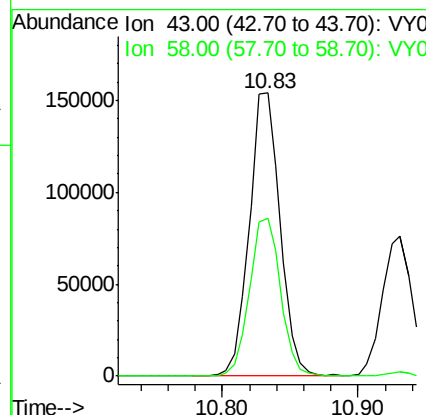
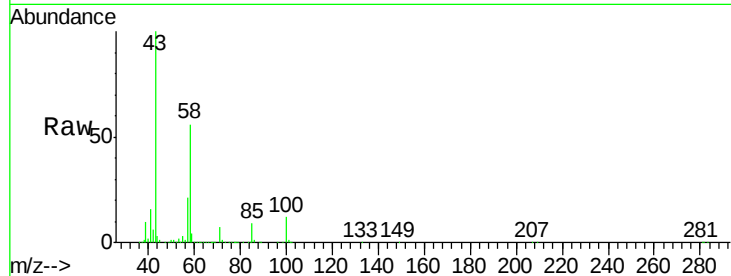




#59
2-Hexanone
Concen: 112.987 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

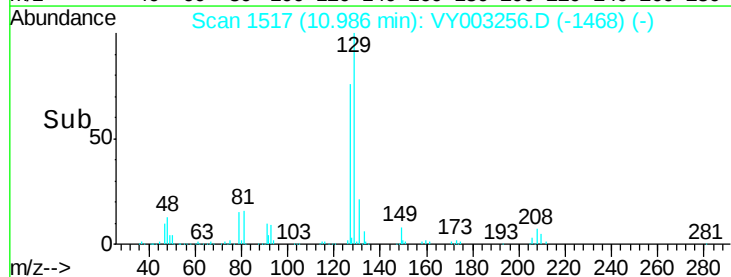
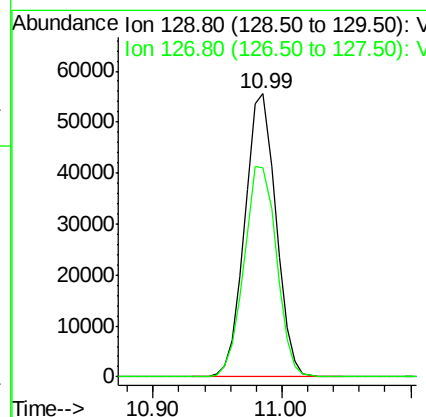
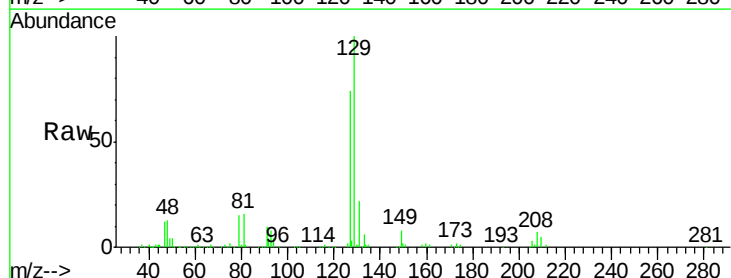
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

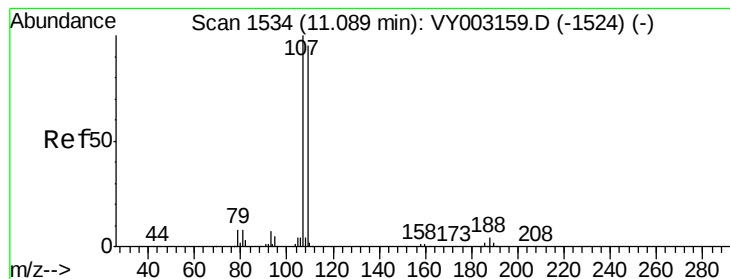
Tot Ion: 43 Resp: 245031
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0



#60
Dibromochloromethane
Concen: 21.905 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 129 Resp: 93152
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.308 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

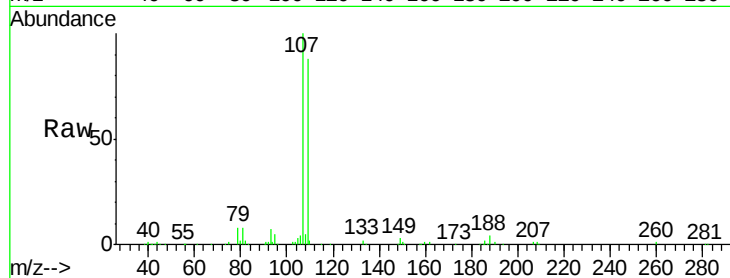
VY0721SBS01

Tot Ion: 107 Resp: 71104

Ion Ratio Lower Upper

107 100

109 92.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

40000

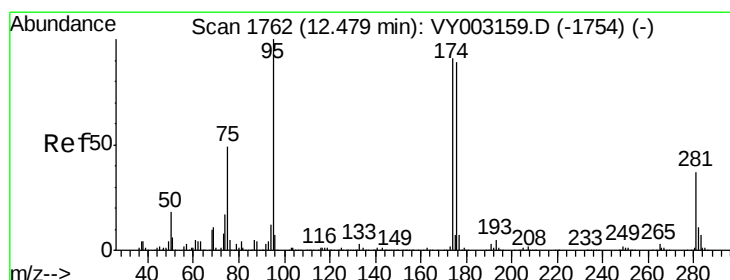
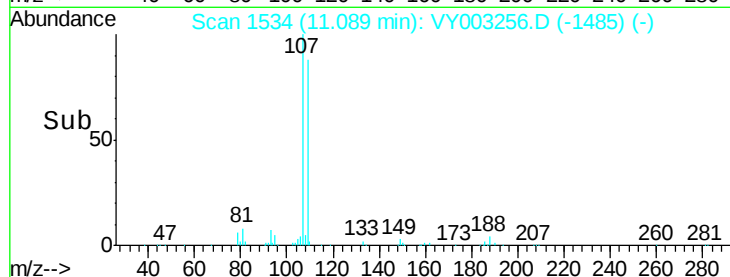
30000

20000

10000

0

Time--> 11.00 11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 45.952 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

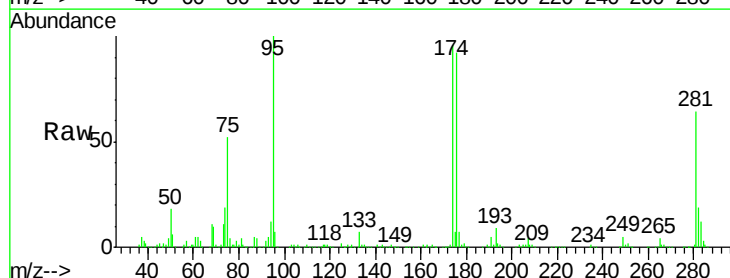
Tgt Ion: 95 Resp: 224699

Ion Ratio Lower Upper

95 100

174 96.8 0.0 190.6

176 93.0 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

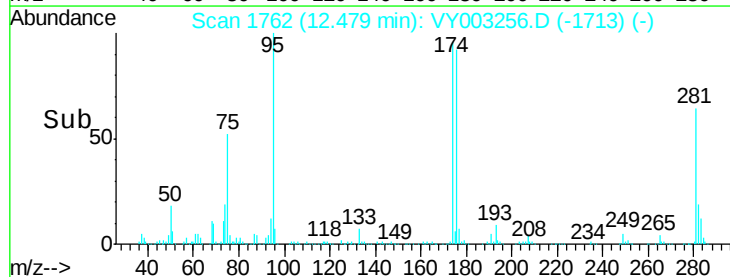
150000

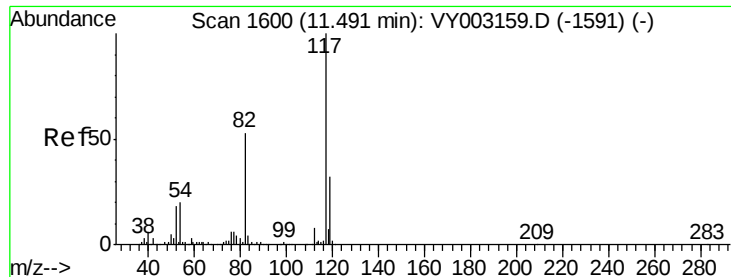
100000

50000

0

Time--> 12.40 12.50

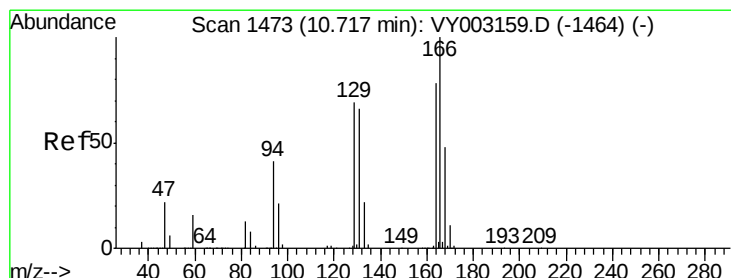
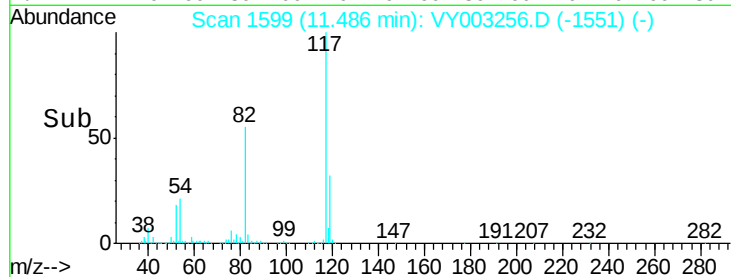
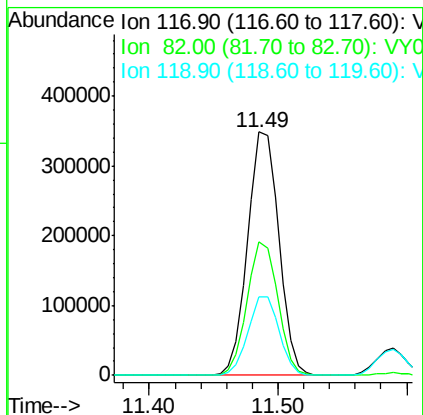
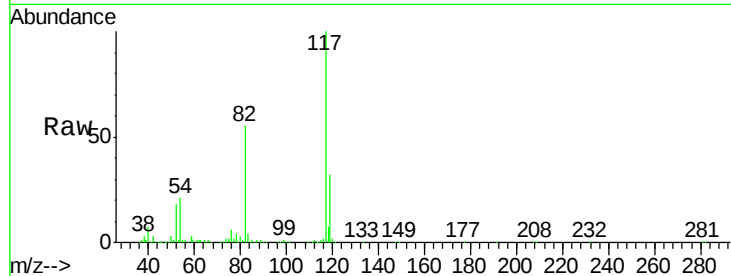




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

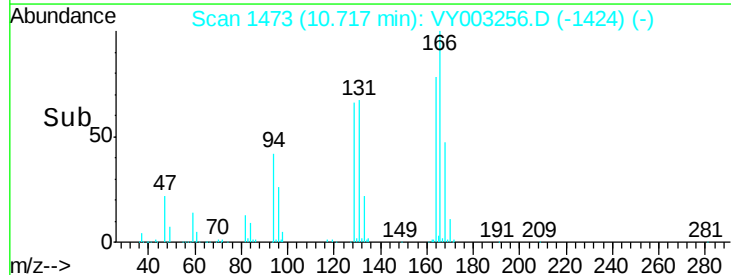
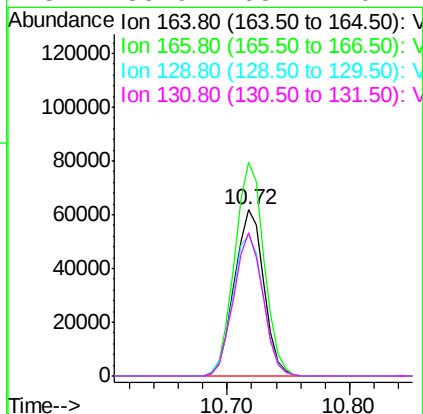
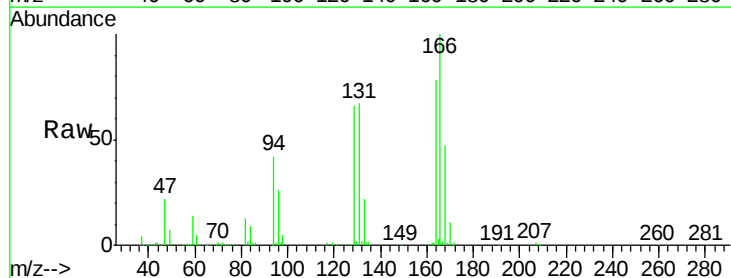
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

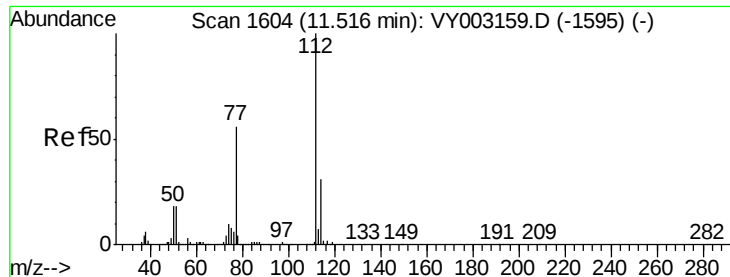
Tot Ion:117 Resp: 583240
Ion Ratio Lower Upper
117 100
82 54.6 42.0 63.0
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 19.639 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:164 Resp: 102132
Ion Ratio Lower Upper
164 100
166 128.5 102.9 154.3
129 84.4 71.4 107.2
131 85.9 68.1 102.1

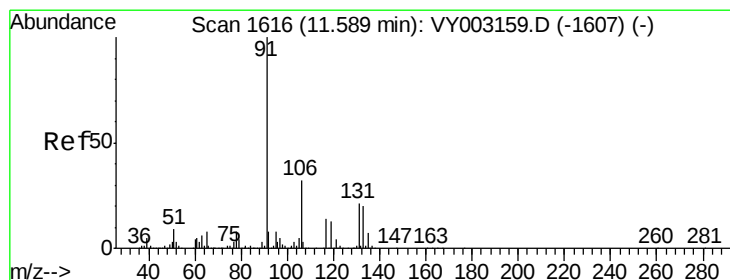
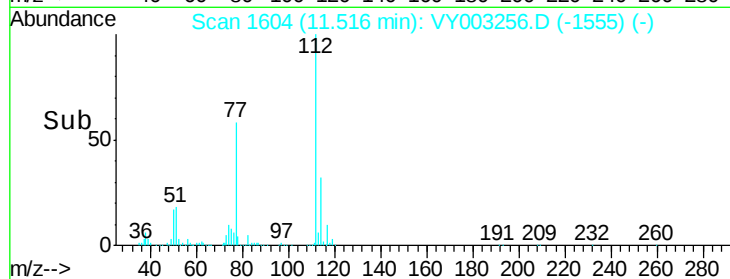
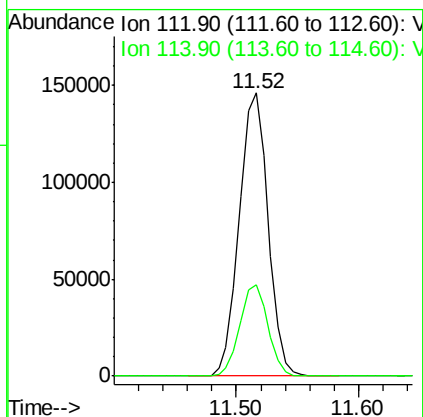
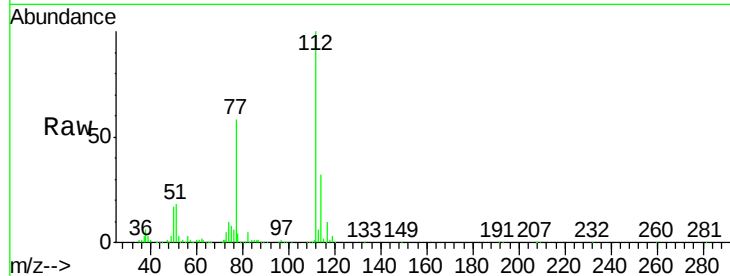




#65
Chlorobenzene
Concen: 21.225 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

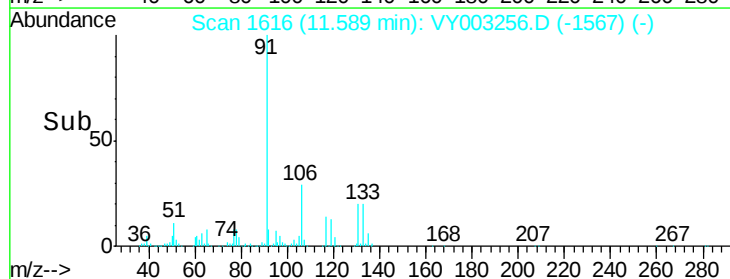
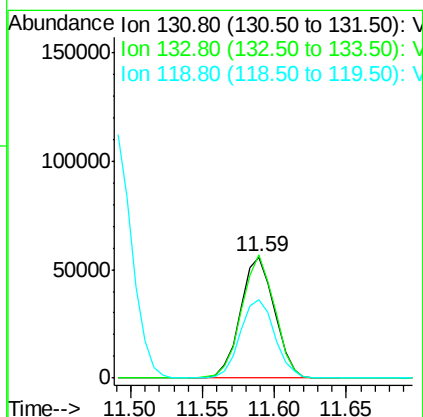
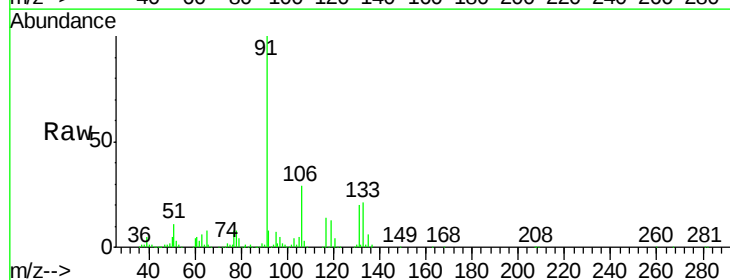
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBSD01

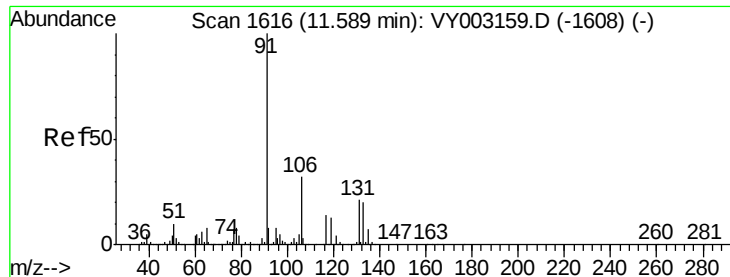
Tot Ion:112 Resp: 238481
Ion Ratio Lower Upper
112 100
114 32.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.888 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:131 Resp: 91153
Ion Ratio Lower Upper
131 100
133 99.0 48.0 144.0
119 65.9 32.4 97.0

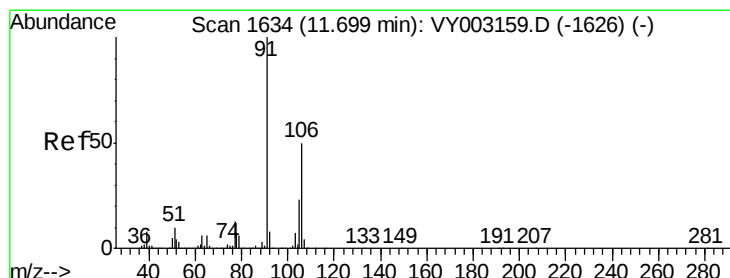
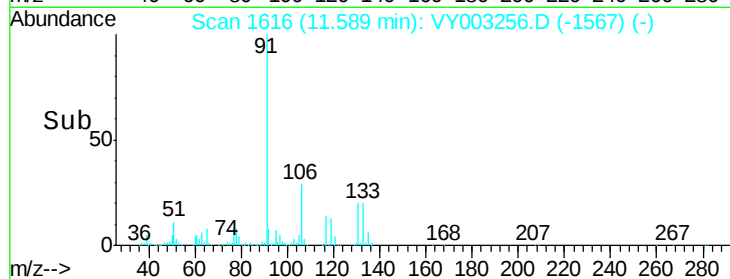
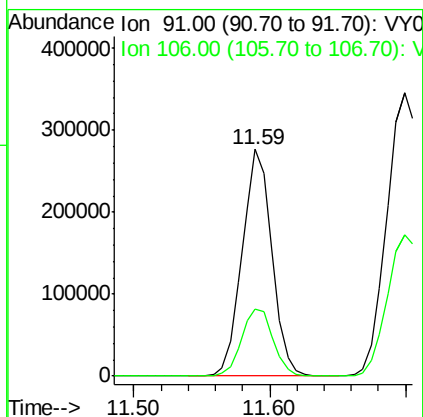
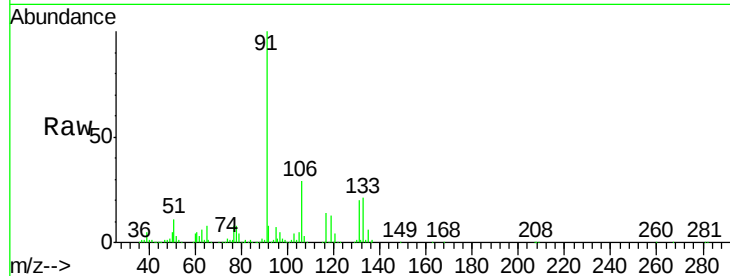




#67
Ethyl Benzene
Concen: 21.077 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

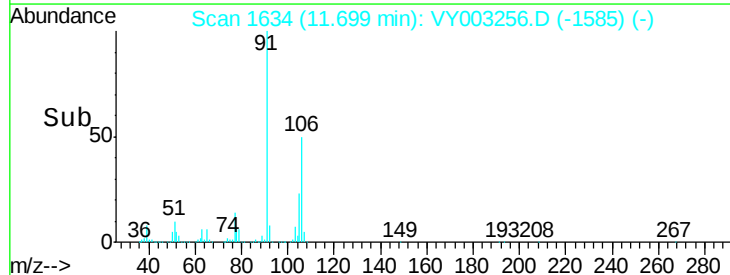
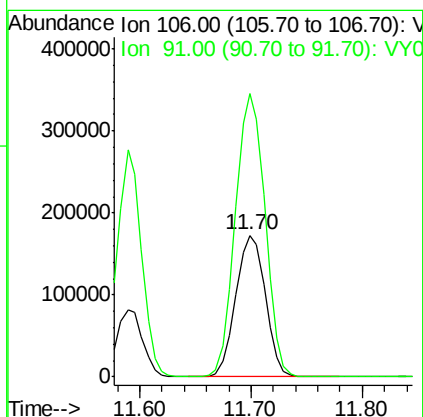
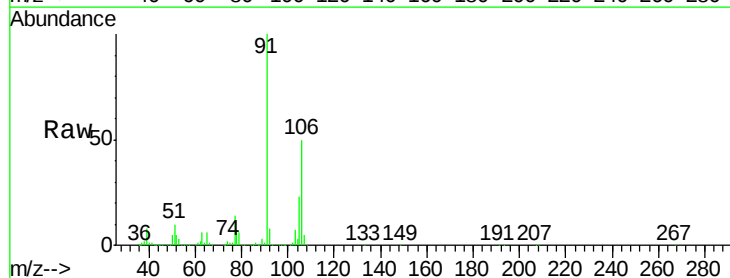
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

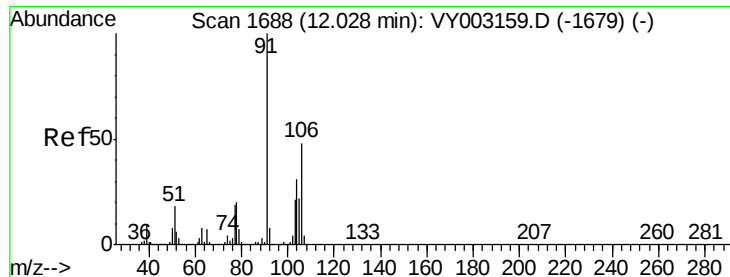
Tot Ion: 91 Resp: 422842
Ion Ratio Lower Upper
91 100
106 29.5 25.5 38.3



#68
m/p-Xylenes
Concen: 41.757 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 106 Resp: 317851
Ion Ratio Lower Upper
106 100
91 200.7 159.0 238.6

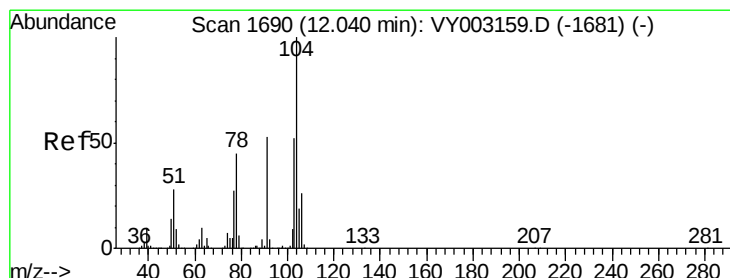
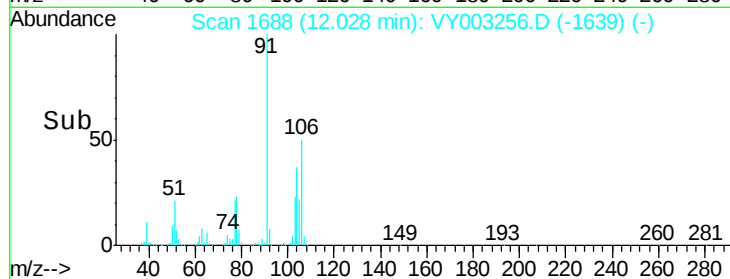
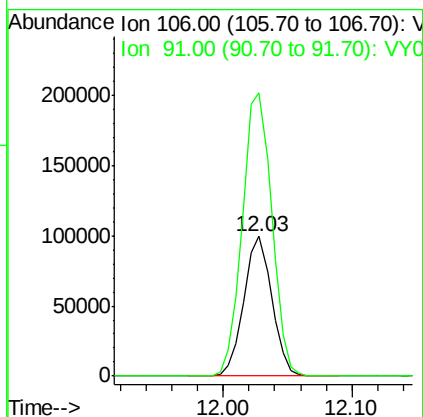
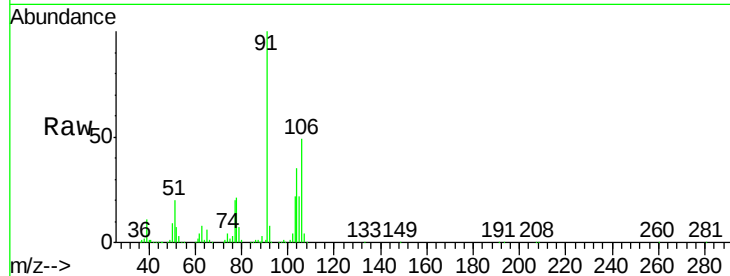




#69
o-Xylene
Concen: 20.996 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

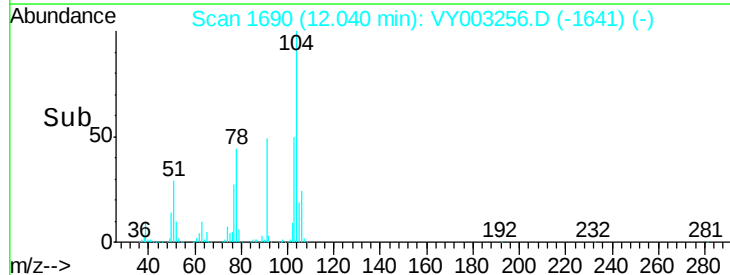
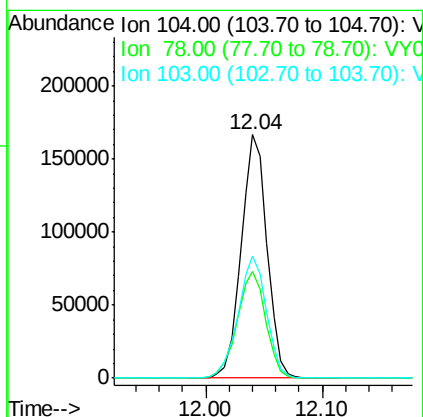
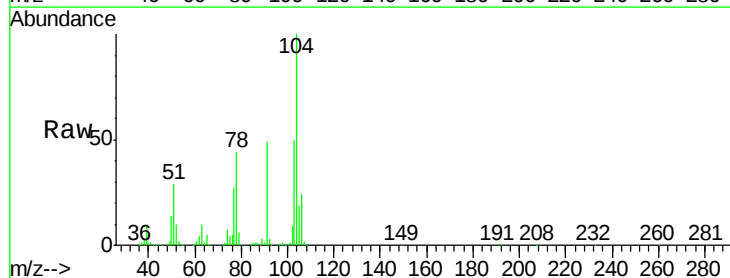
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

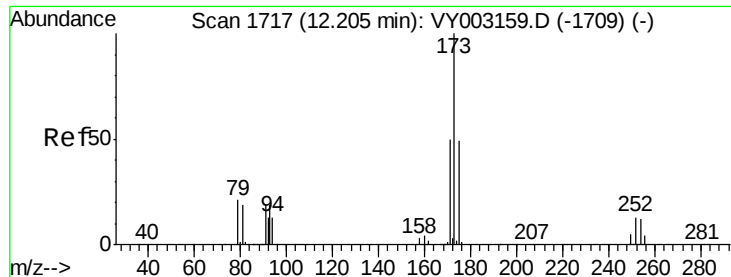
Tot Ion:106 Resp: 149308
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.1



#70
Styrene
Concen: 21.190 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:104 Resp: 257775
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.9 43.9 65.9





#71

Bromoform

Concen: 21.509 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

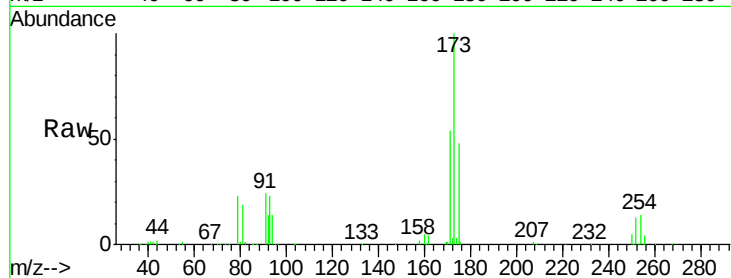
Tot Ion:173 Resp: 61606

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

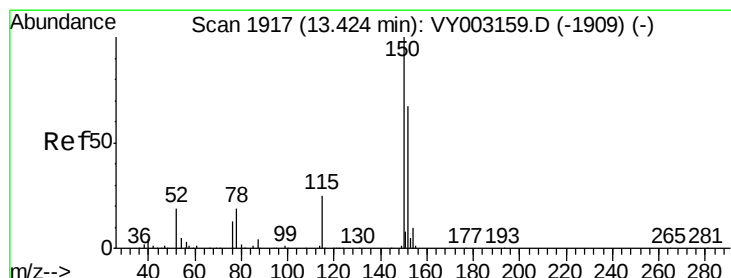
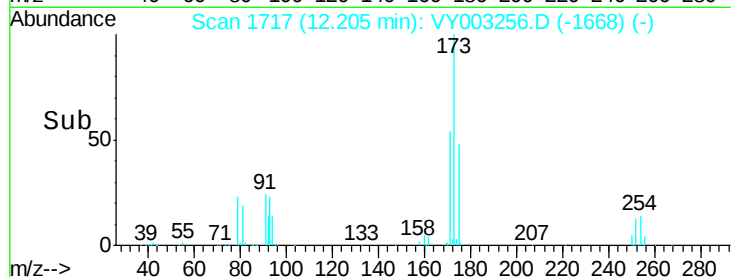
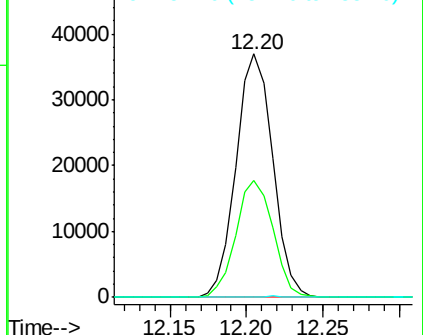
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

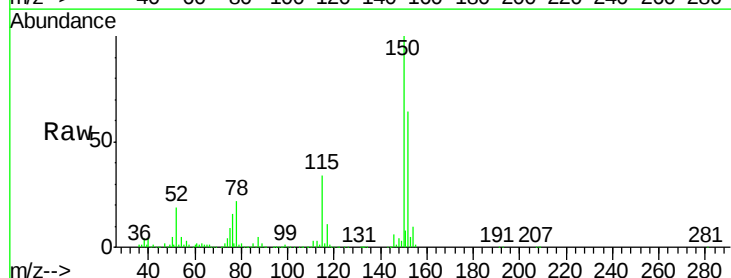
Tgt Ion:152 Resp: 318394

Ion Ratio Lower Upper

152 100

115 53.6 26.9 80.7

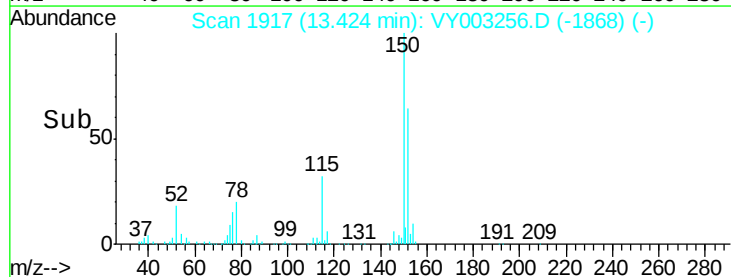
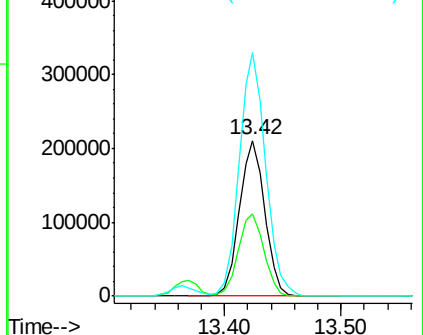
150 163.0 0.0 338.0

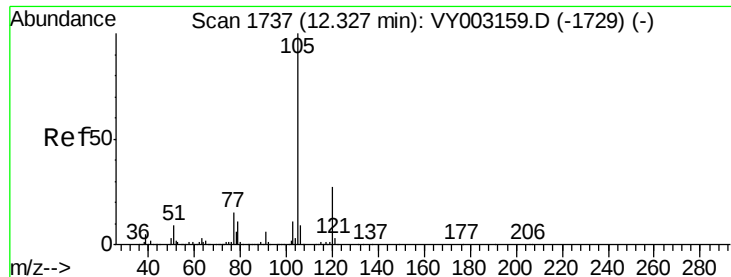


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.472 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

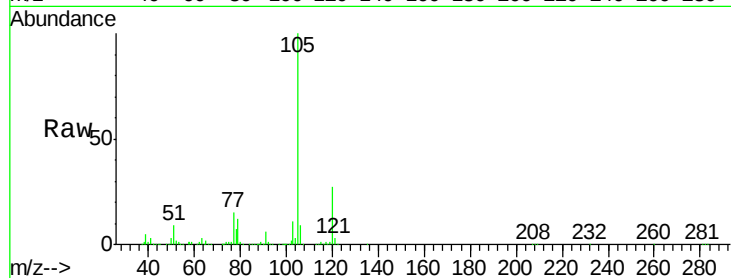
VY0721SBS01

Tot Ion:105 Resp: 415381

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

300000

250000

200000

150000

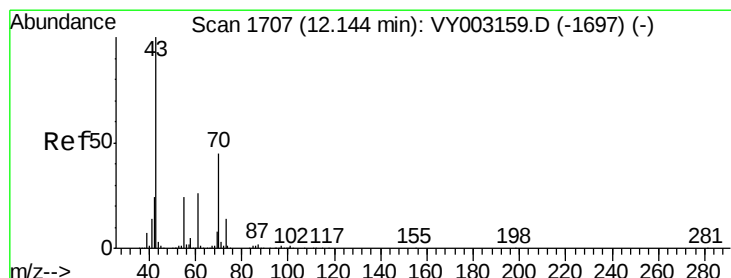
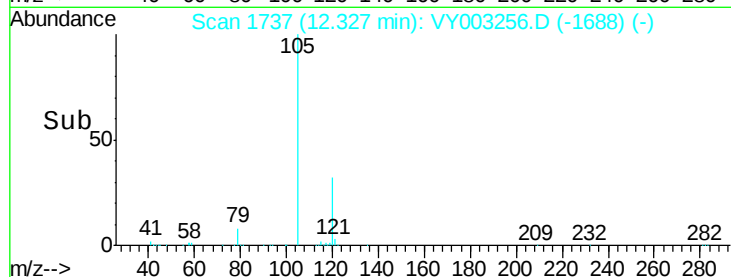
100000

50000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 22.056 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion: 43 Resp: 125569

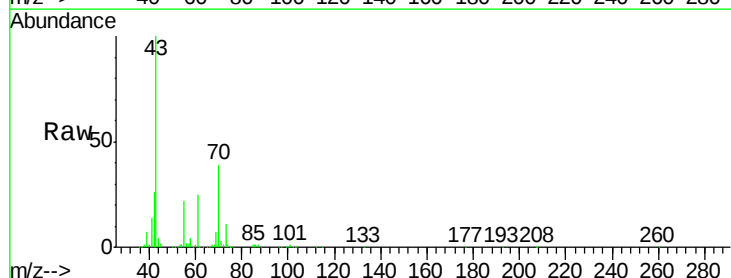
Ion Ratio Lower Upper

43 100

70 41.8 35.6 53.4

55 23.6 19.4 29.2

61 25.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

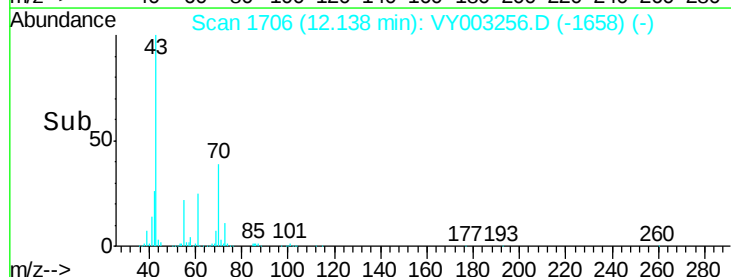
100000

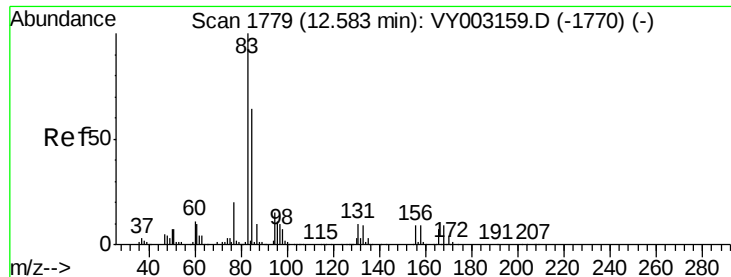
50000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.157 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

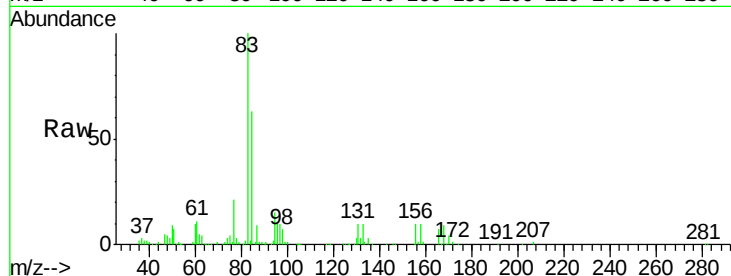
Tot Ion: 83 Resp: 86827

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

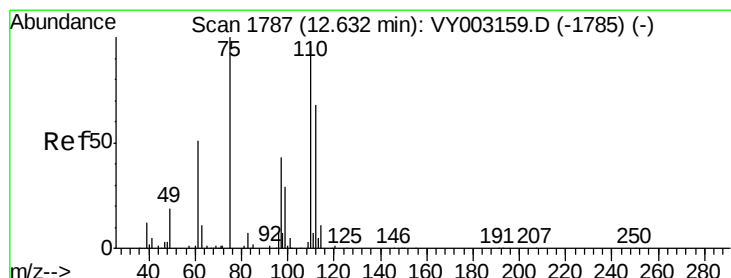
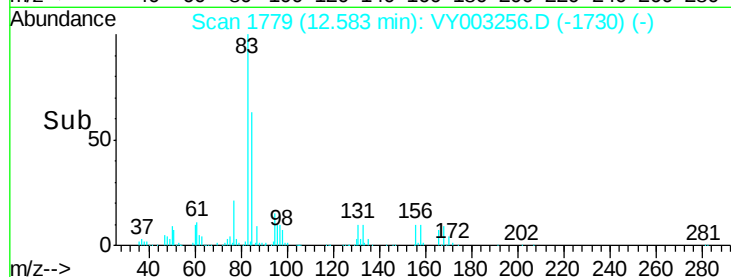
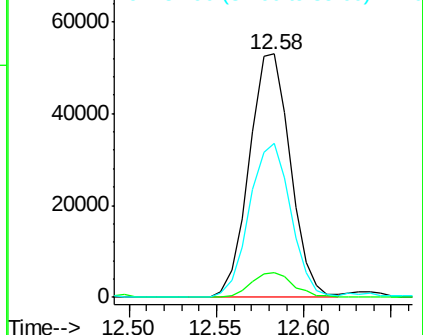
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 41.307 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003256.D

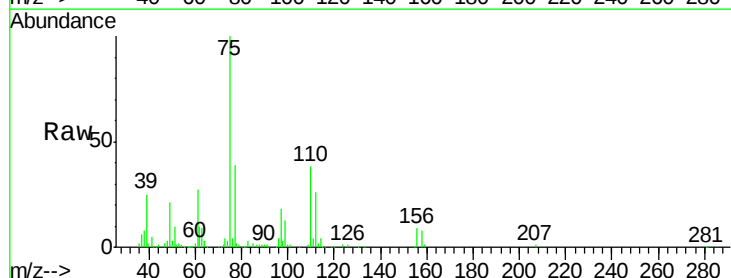
Acq: 21 Jul 2020 18:04

Tgt Ion: 75 Resp: 116416

Ion Ratio Lower Upper

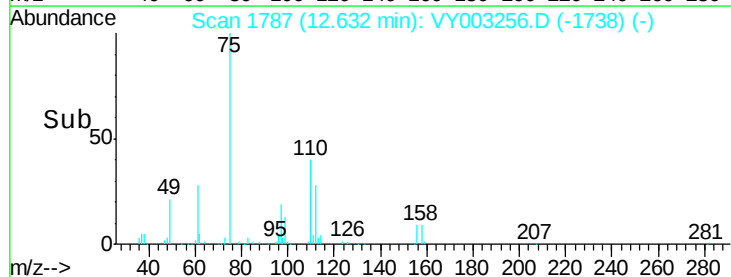
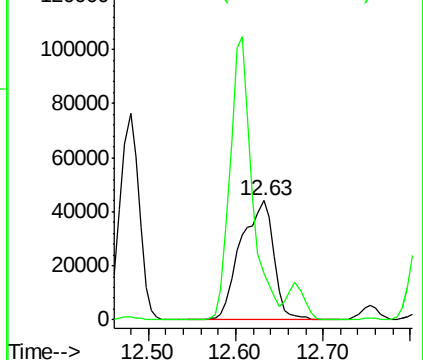
75 100

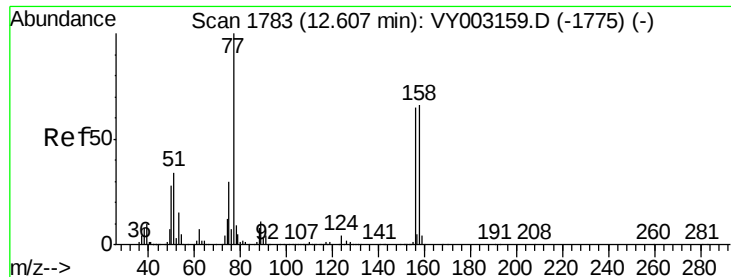
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.471 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

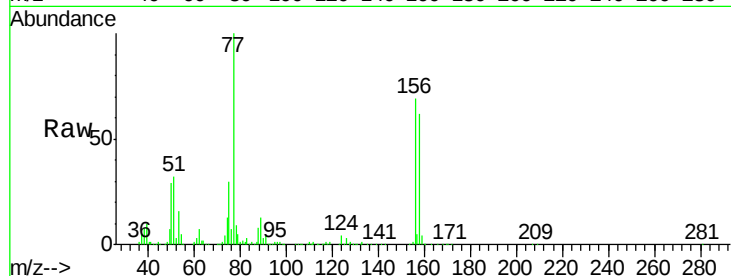
Tot Ion:156 Resp: 105874

Ion Ratio Lower Upper

156 100

77 175.4 86.6 259.7

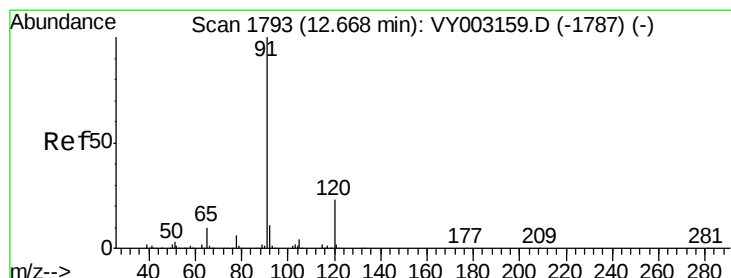
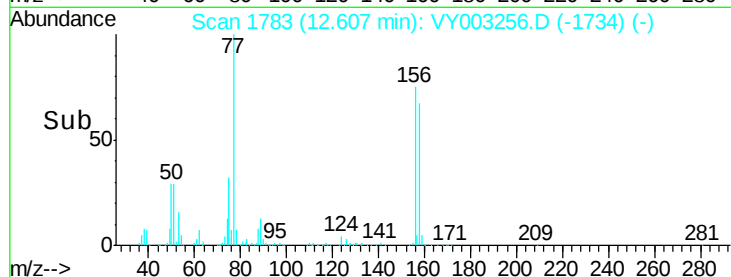
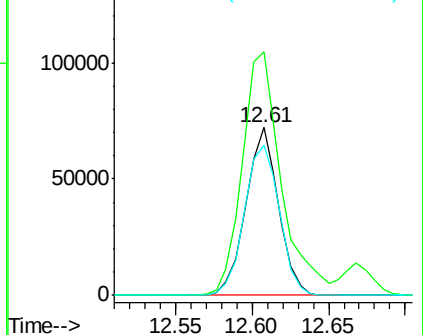
158 96.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.750 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003256.D

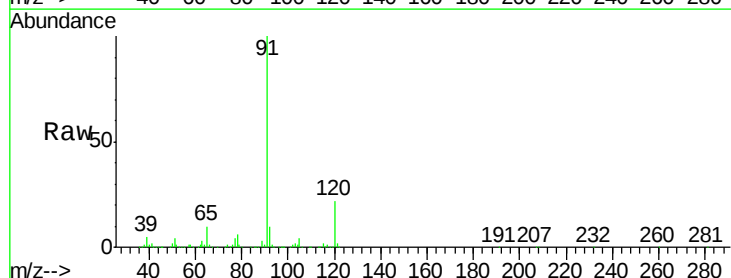
Acq: 21 Jul 2020 18:04

Tgt Ion: 91 Resp: 496275

Ion Ratio Lower Upper

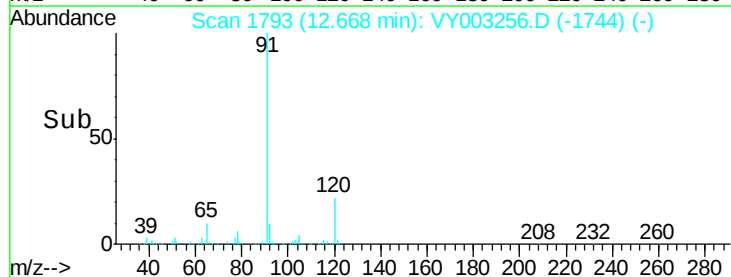
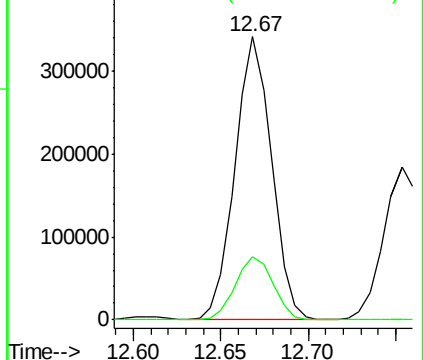
91 100

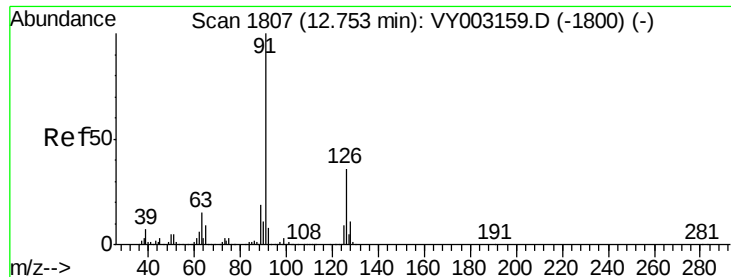
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

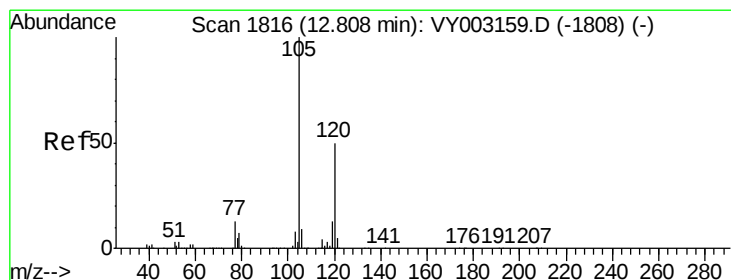
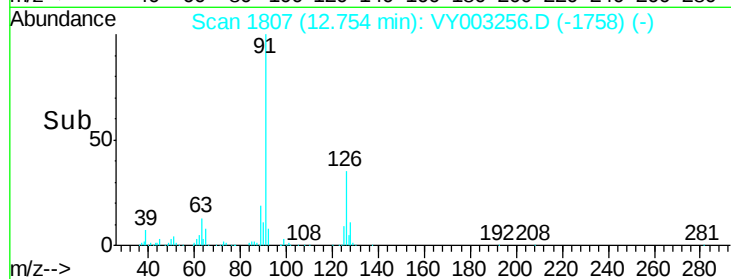
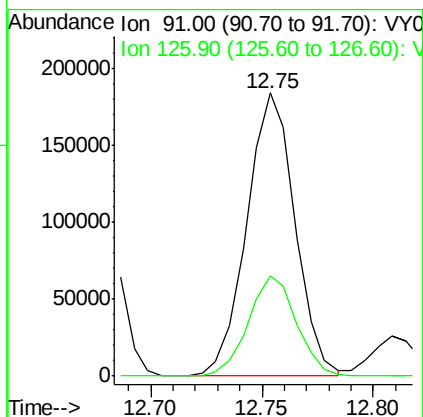
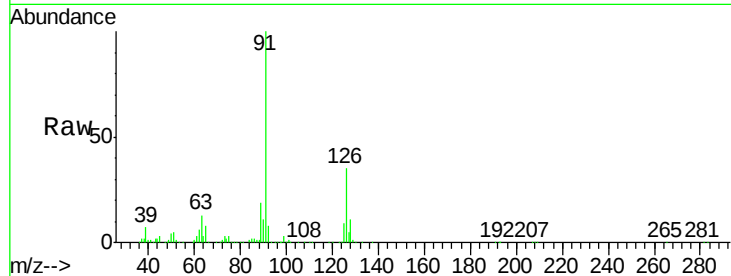




#79
 2-Chlorotoluene
 Concen: 20.726 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

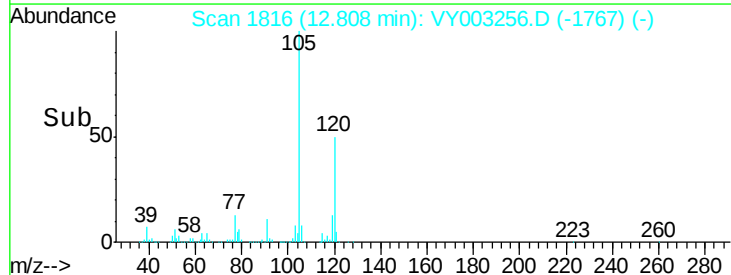
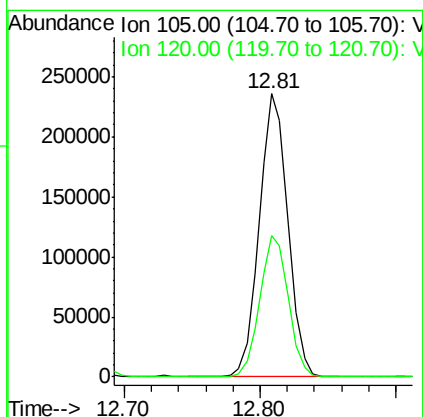
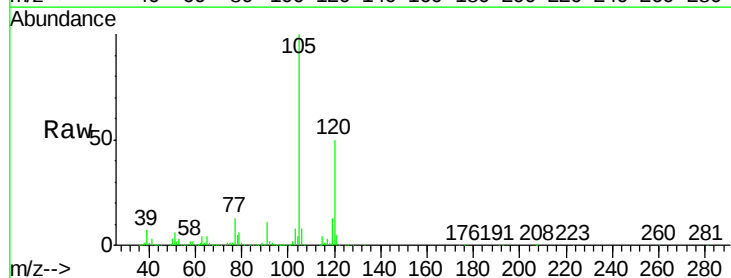
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

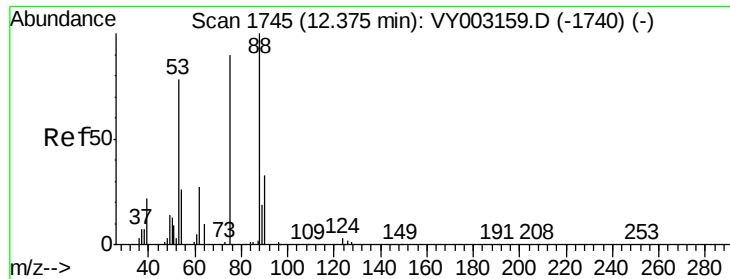
Tot Ion: 91 Resp: 276573
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.485 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion: 105 Resp: 346430
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6

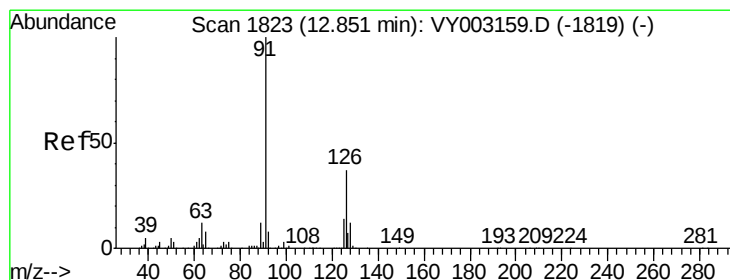
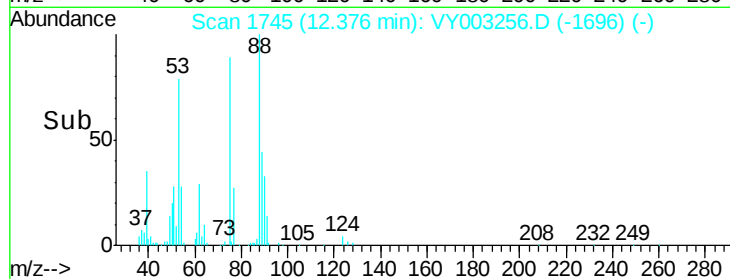
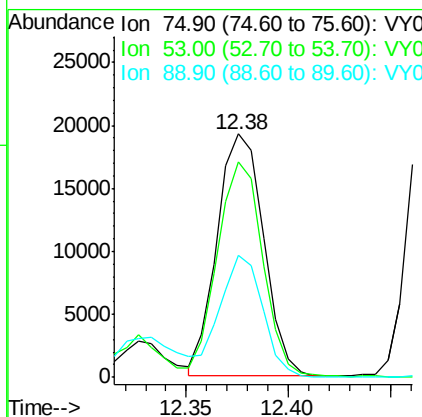
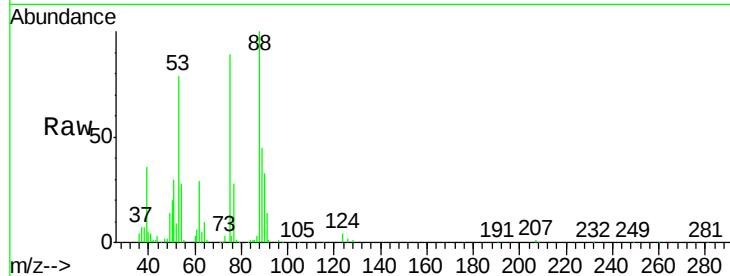




#81
trans-1,4-Dichloro-2-butene
Concen: 20.887 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

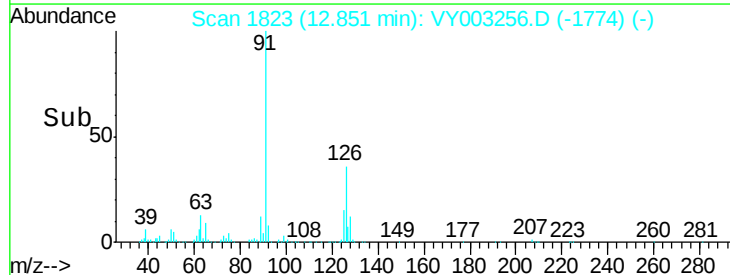
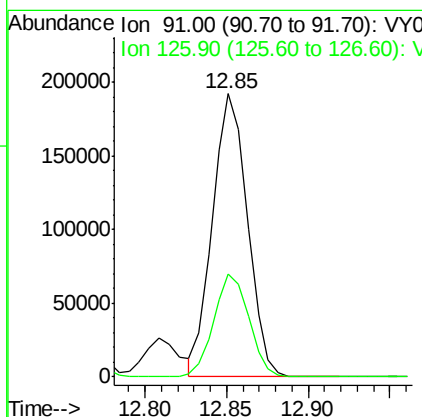
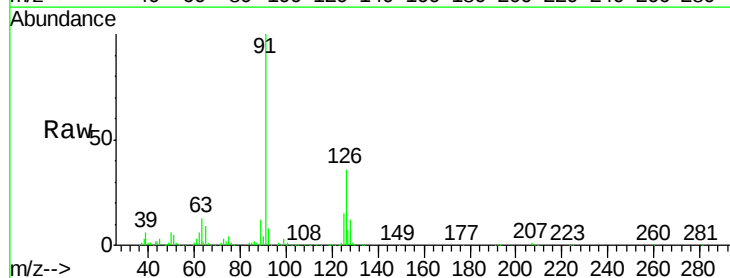
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

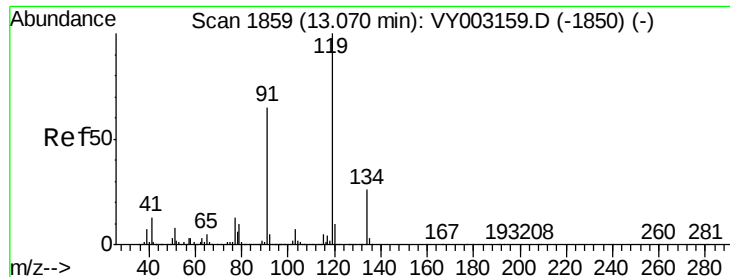
Tot Ion: 75 Resp: 30247
Ion Ratio Lower Upper
75 100
53 87.8 72.0 108.0
89 47.4 37.3 55.9



#82
4-Chlorotoluene
Concen: 20.648 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion: 91 Resp: 287589
Ion Ratio Lower Upper
91 100
126 36.8 17.9 53.7

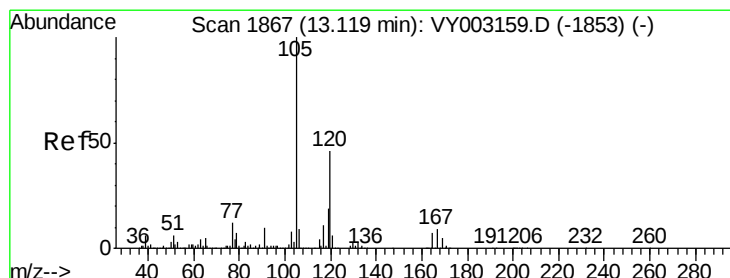
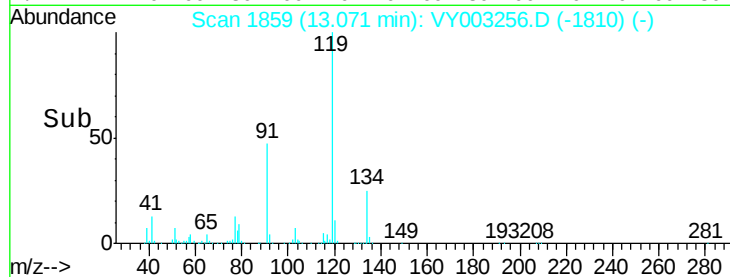
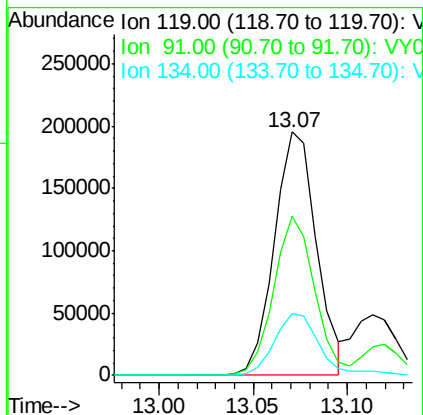
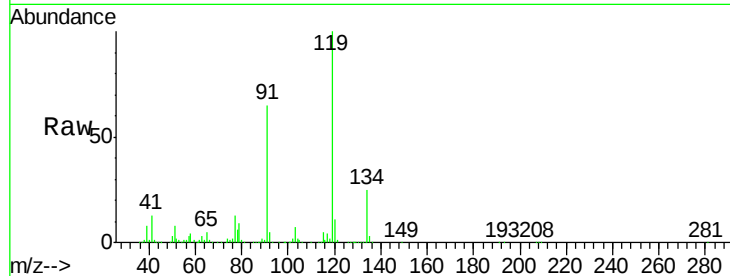




#83
tert-Butylbenzene
Concen: 20.267 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

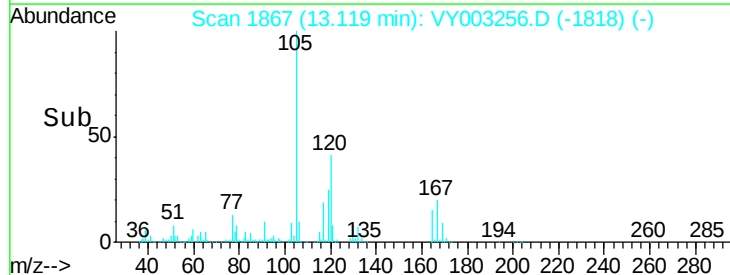
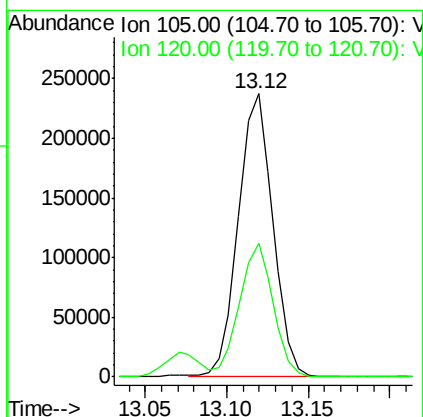
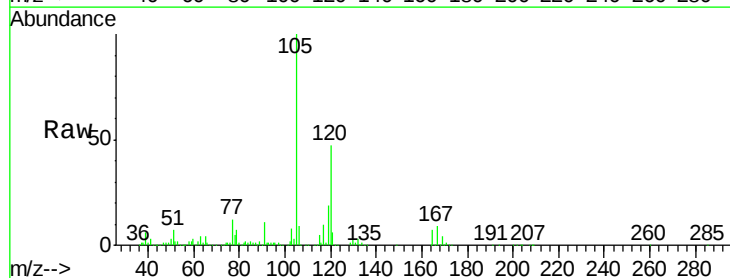
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

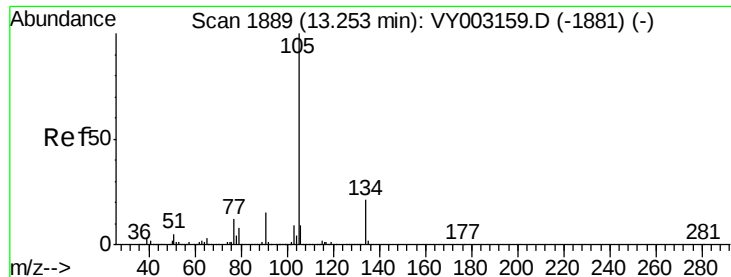
Tot Ion:119 Resp: 302421
Ion Ratio Lower Upper
119 100
91 63.8 30.8 92.4
134 27.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.537 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:105 Resp: 349438
Ion Ratio Lower Upper
105 100
120 46.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.732 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

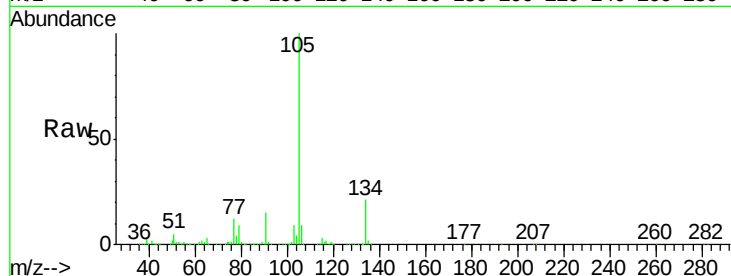
VY0721SBS01

Tot Ion:105 Resp: 425189

Ion Ratio Lower Upper

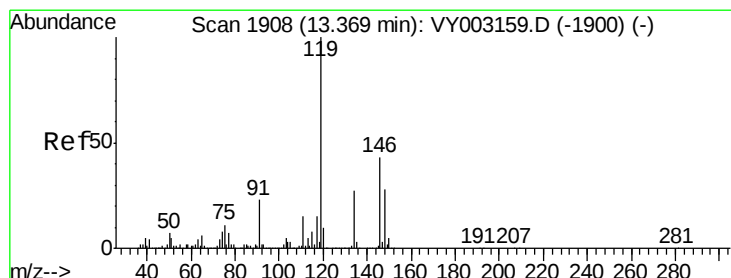
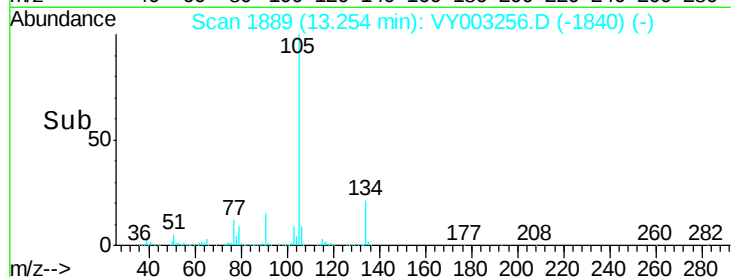
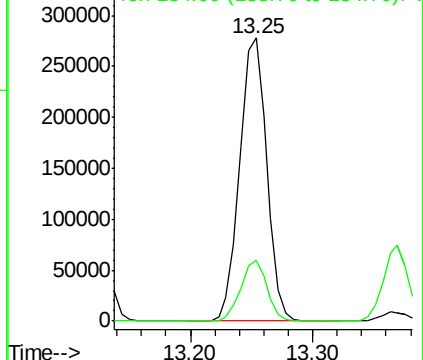
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.628 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

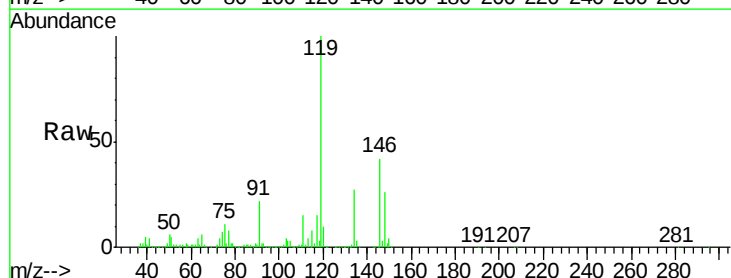
Tgt Ion:119 Resp: 395005

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

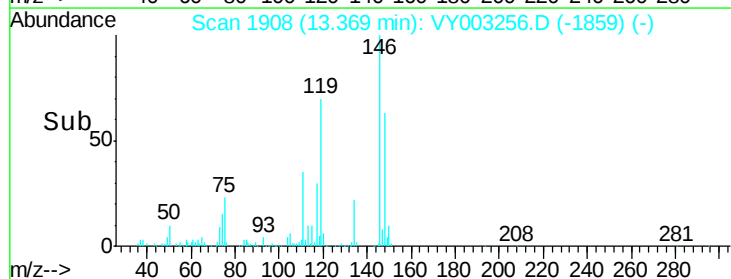
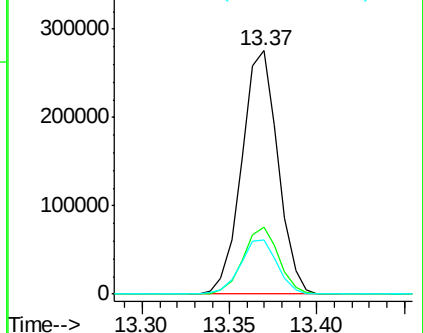
91 22.7 11.2 33.6

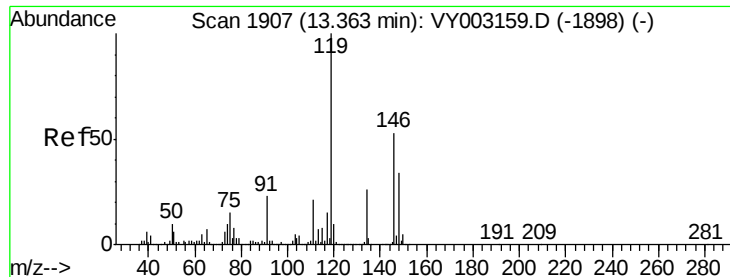


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.889 ug/l

RT: 13.36 min Scan# 1907

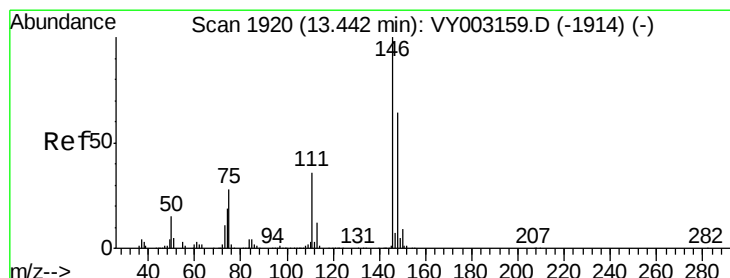
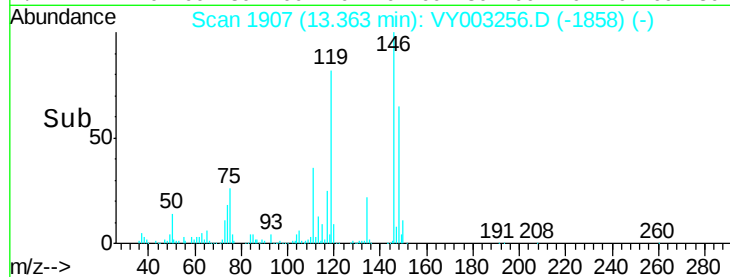
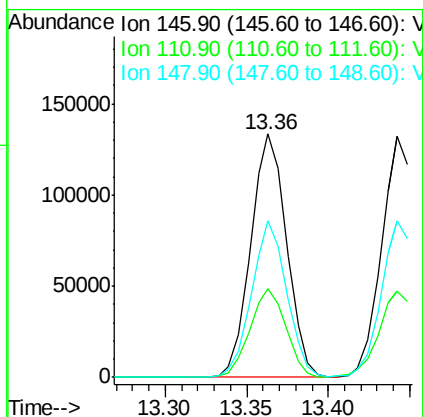
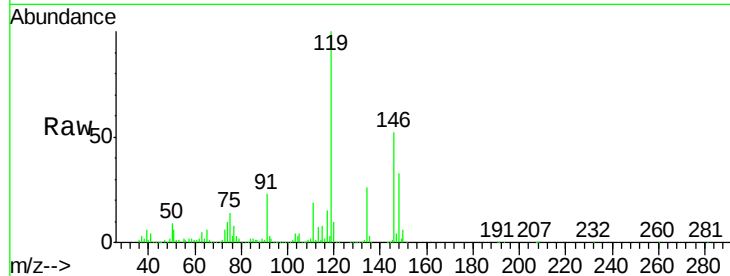
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.3
148	62.8	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 20.819 ug/l

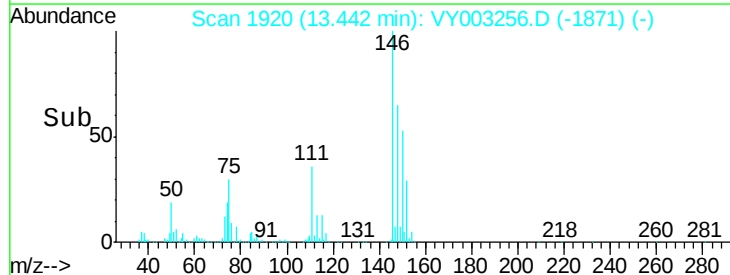
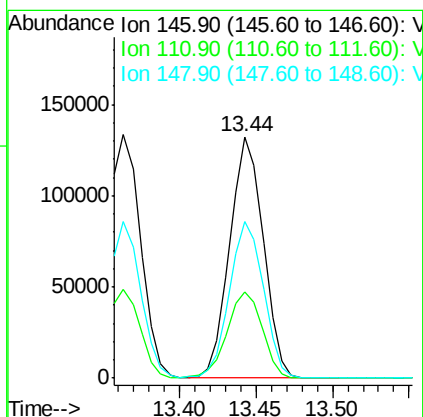
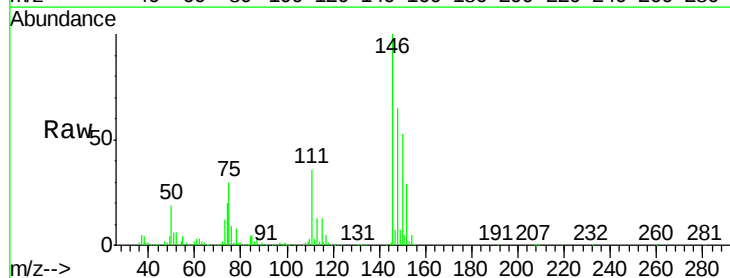
RT: 13.44 min Scan# 1920

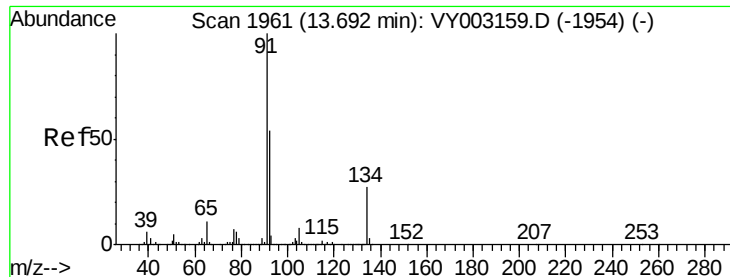
Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	65.8	32.0	96.0





#89

n-Butylbenzene

Concen: 20.811 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003256.D

Acq: 21 Jul 2020 18:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

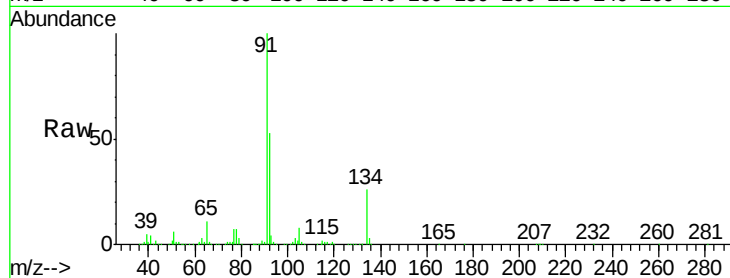
Tot Ion: 91 Resp: 374854

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

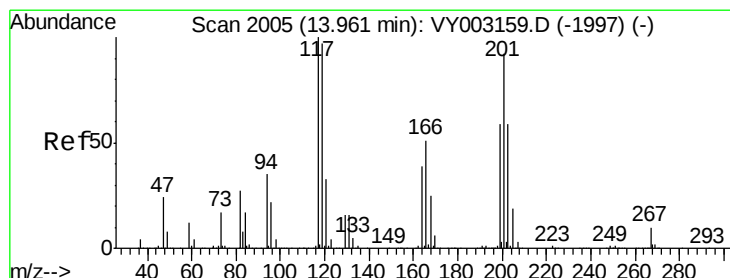
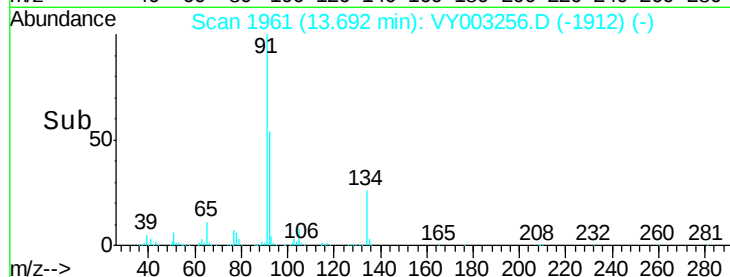
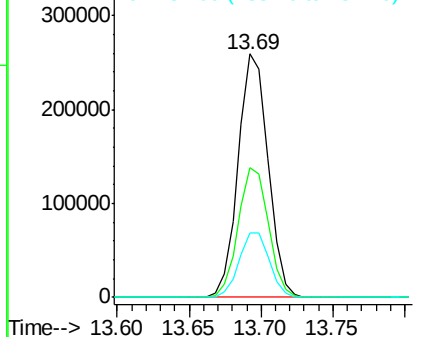
134 26.9 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.992 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003256.D

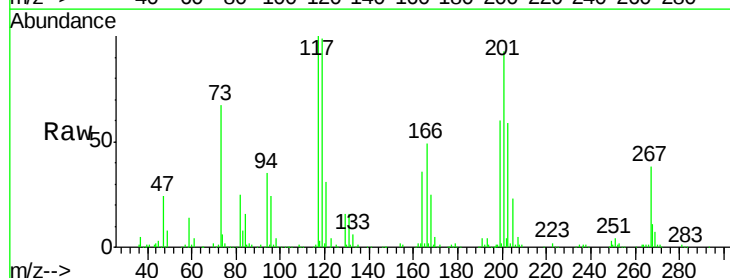
Acq: 21 Jul 2020 18:04

Tgt Ion: 117 Resp: 73205

Ion Ratio Lower Upper

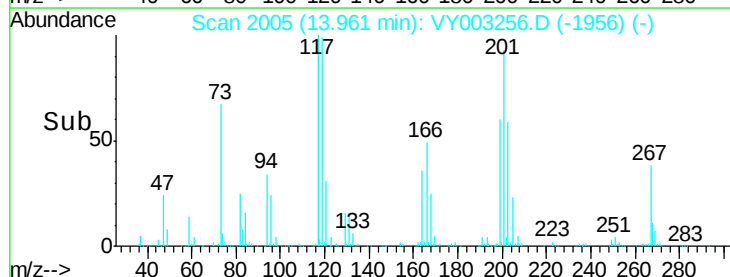
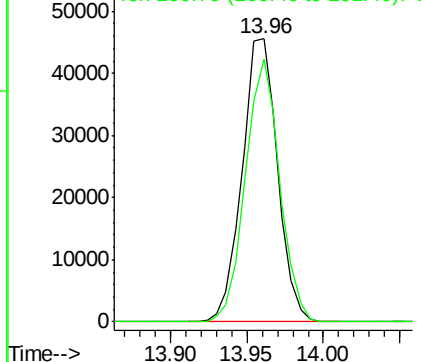
117 100

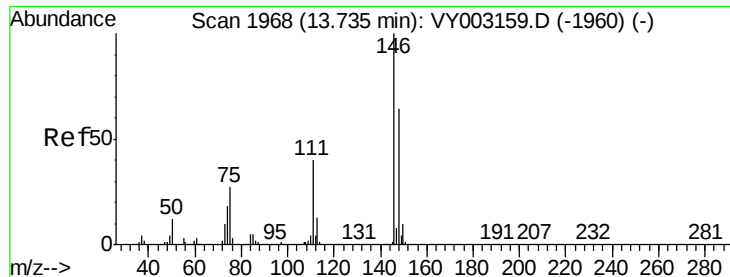
201 89.8 45.1 135.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

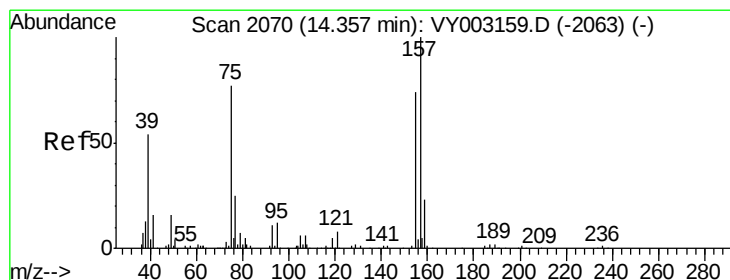
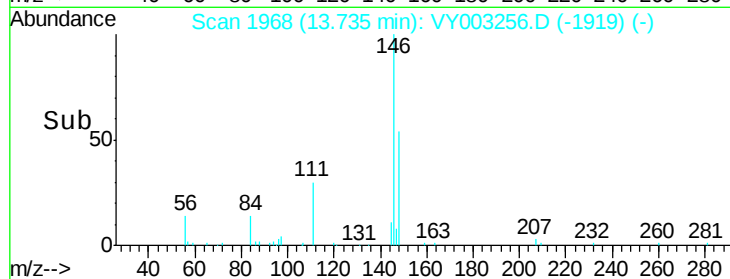
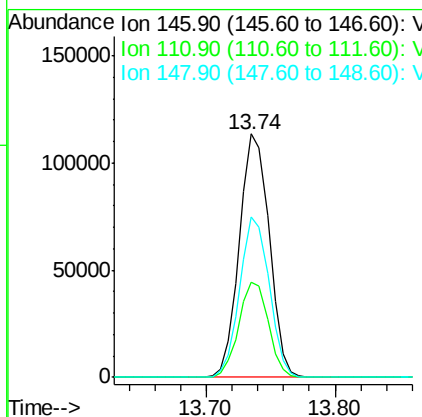
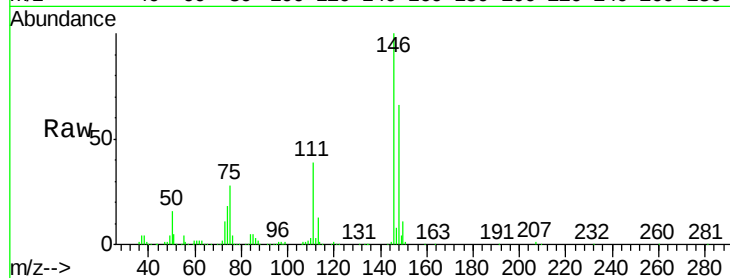




#91
 1,2-Dichlorobenzene
 Concen: 21.236 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

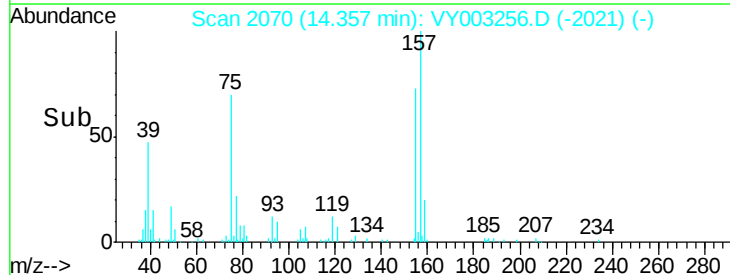
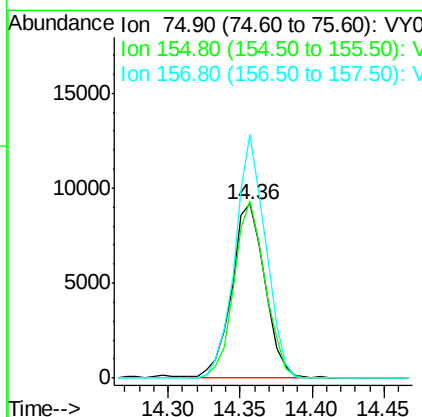
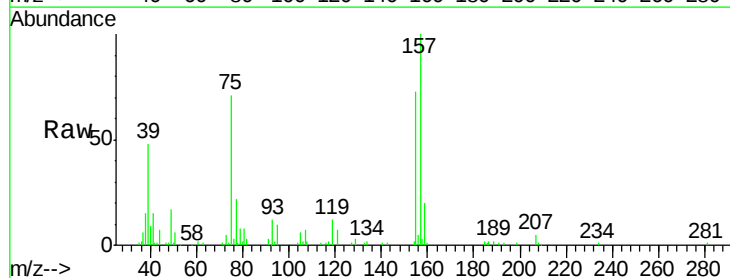
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

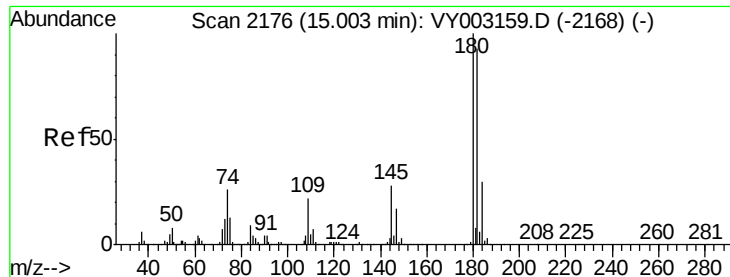
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	65.2	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.354 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.1	144.3
157	127.3	61.9	185.6

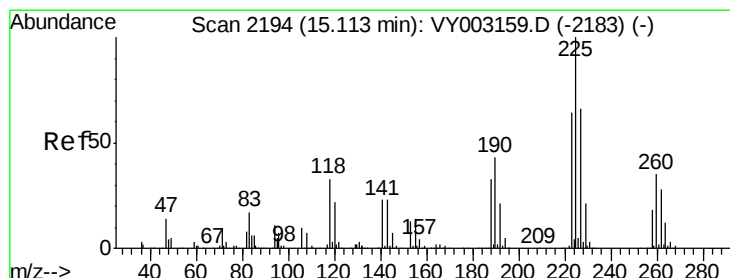
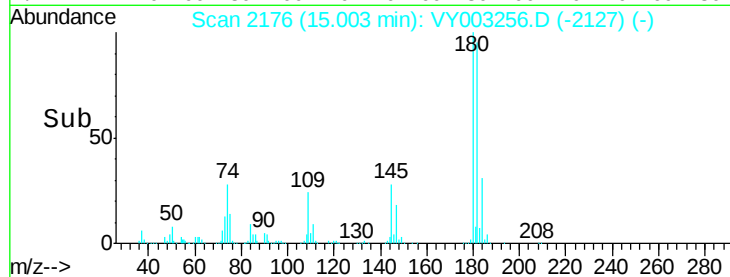
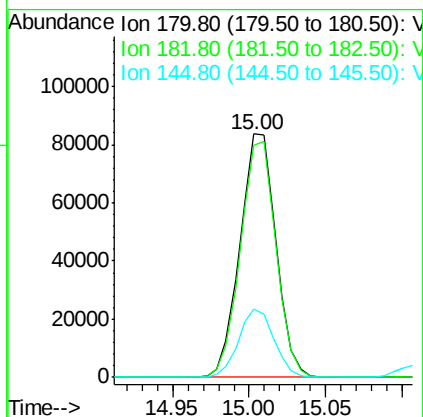
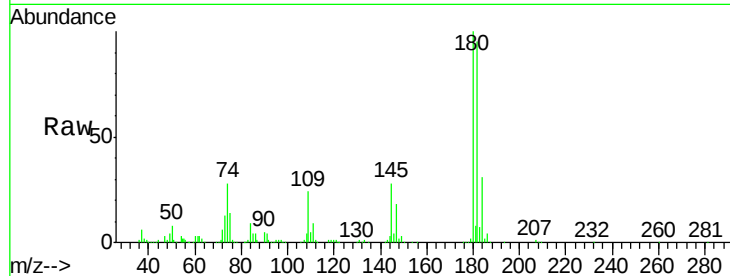




#93
 1,2,4-Trichlorobenzene
 Concen: 22.356 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

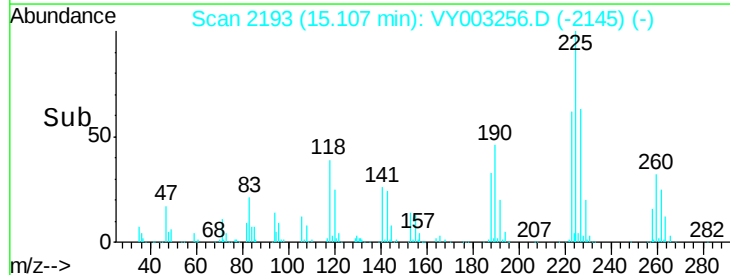
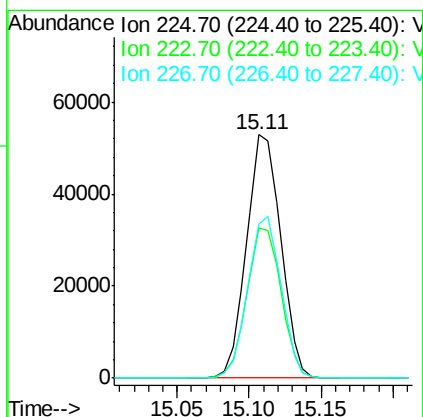
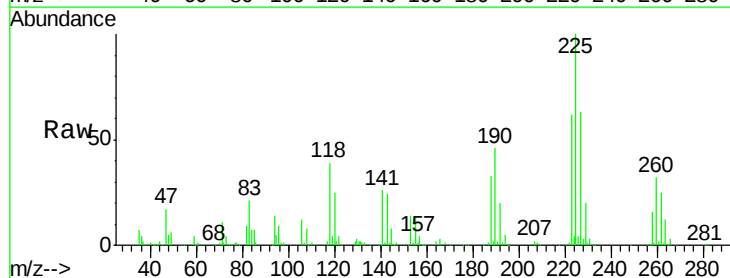
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

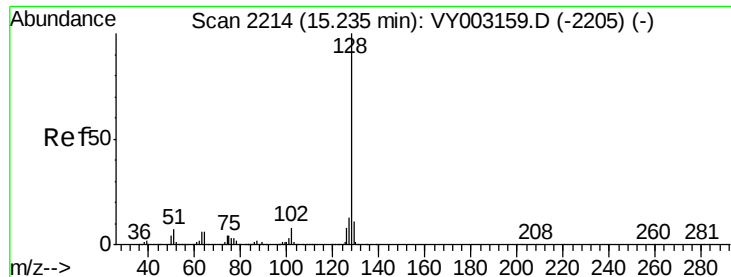
Tot Ion:180 Resp: 136510
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 27.6 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 20.744 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003256.D
 Acq: 21 Jul 2020 18:04

Tgt Ion:225 Resp: 86794
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 94.7
 227 64.7 32.3 96.8

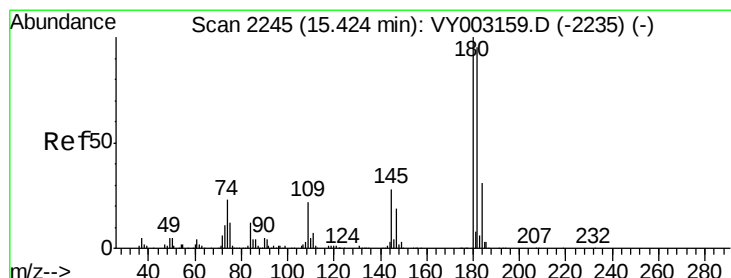
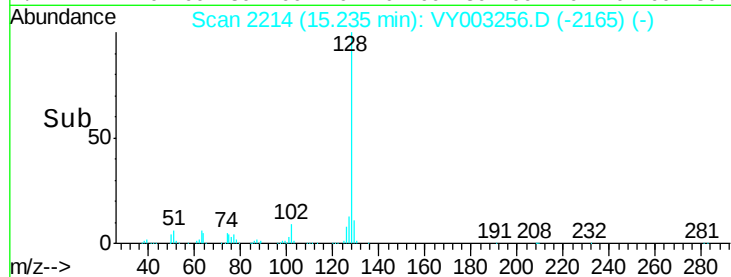
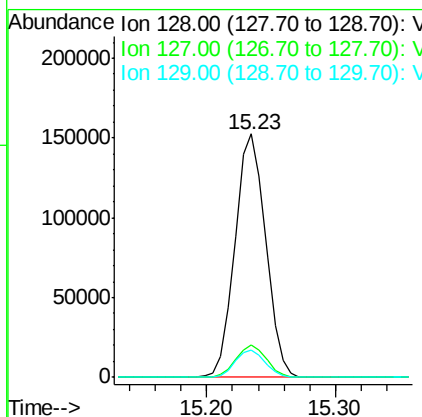
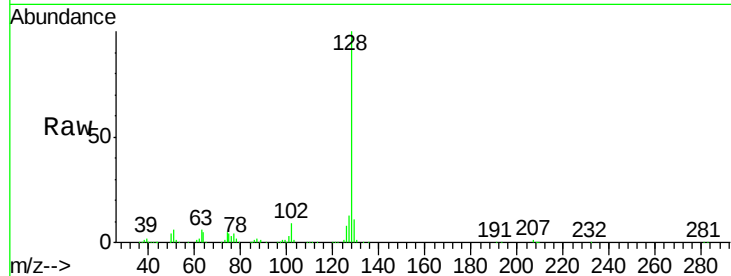




#95
Naphthalene
Concen: 24.971 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tot Ion:128 Resp: 251989
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 10.9 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 24.507 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003256.D
Acq: 21 Jul 2020 18:04

Tgt Ion:180 Resp: 118290
Ion Ratio Lower Upper
180 100
182 95.8 48.8 146.3
145 29.7 14.9 44.5

