

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002865.D
 Acq On : 09 Jun 2020 11:46
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:10:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	397807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216680	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	125875	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
35) Dibromofluoromethane	7.72	113	129099	51.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.24%	
50) Toluene-d8	10.18	98	502380	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.48	95	176823	51.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	38841	19.727	ug/l	96
3) Chloromethane	2.12	50	43945	20.179	ug/l	99
4) Vinyl Chloride	2.26	62	48648	21.134	ug/l	98
5) Bromomethane	2.65	94	36615	21.226	ug/l	95
6) Chloroethane	2.79	64	31586	21.167	ug/l	98
7) Trichlorofluoromethane	3.13	101	88733	21.765	ug/l	98
8) Diethyl Ether	3.54	74	32733	20.563	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53711	22.189	ug/l	98
10) Methyl Iodide	4.10	142	70167	20.717	ug/l	99
11) Tert butyl alcohol	4.97	59	32493	114.773	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	53673	22.049	ug/l	97
13) Acrolein	3.74	56	25024	85.947	ug/l	97
14) Allyl chloride	4.49	41	77206	22.114	ug/l	100
15) Acrylonitrile	5.18	53	80431	111.998	ug/l	98
16) Acetone	3.96	43	65014	111.595	ug/l	97
17) Carbon Disulfide	4.20	76	151090	20.540	ug/l	98
18) Methyl Acetate	4.49	43	38167	25.637	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	147786	21.991	ug/l	98
20) Methylene Chloride	4.72	84	65796	23.110	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	59058	21.573	ug/l	95
22) Diisopropyl ether	6.13	45	162752	22.433	ug/l	97
23) Vinyl Acetate	6.07	43	527299	110.083	ug/l	99
24) 1,1-Dichloroethane	6.03	63	94509	22.269	ug/l	98
25) 2-Butanone	7.00	43	101015	111.290	ug/l	98
26) 2,2-Dichloropropane	6.99	77	86959	21.364	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	66061	21.556	ug/l	99
28) Bromochloromethane	7.34	49	40145	23.042	ug/l	98
29) Tetrahydrofuran	7.36	42	66135	112.016	ug/l	99
30) Chloroform	7.52	83	99666	22.131	ug/l	95
31) Cyclohexane	7.79	56	88037	20.893	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	89642	21.360	ug/l	99
36) 1,1-Dichloropropene	7.93	75	75977	21.133	ug/l	99
37) Ethyl Acetate	7.08	43	44542	22.772	ug/l	98
38) Carbon Tetrachloride	7.91	117	85214	21.336	ug/l	99

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 Sample : VY0609SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:10:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	99224	20.939	ug/l	98
40) Benzene	8.17	78	230693	21.717	ug/l	98
41) Methacrylonitrile	7.36	41	60587	57.656	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	64896	21.798	ug/l	100
43) Isopropyl Acetate	8.28	43	82351	22.217	ug/l	99
44) Trichloroethene	8.94	130	70894	21.128	ug/l	99
45) 1,2-Dichloropropane	9.22	63	54375	21.345	ug/l	99
46) Dibromomethane	9.31	93	33165	21.921	ug/l	98
47) Bromodichloromethane	9.50	83	77614	21.761	ug/l	96
48) Methyl methacrylate	9.30	41	35664	21.313	ug/l	98
49) 1,4-Dioxane	9.30	88	9802	421.946	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	218155	111.145	ug/l	100
52) Toluene	10.24	92	148843	21.418	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	86518	22.209	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	96923	21.957	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	51039	22.035	ug/l	96
56) Ethyl methacrylate	10.51	69	68191	21.980	ug/l	99
57) 1,3-Dichloropropane	10.79	76	85116	22.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	171897	113.395	ug/l	100
59) 2-Hexanone	10.83	43	157002	112.736	ug/l	99
60) Dibromochloromethane	10.99	129	63423	21.598	ug/l	100
61) 1,2-Dibromoethane	11.09	107	49875	21.829	ug/l	99
64) Tetrachloroethene	10.72	164	74248	20.536	ug/l	98
65) Chlorobenzene	11.52	112	166676	21.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	63727	21.520	ug/l	98
67) Ethyl Benzene	11.59	91	291702	21.400	ug/l	98
68) m/p-Xylenes	11.70	106	228894	43.311	ug/l	98
69) o-Xylene	12.03	106	107400	21.527	ug/l	100
70) Styrene	12.04	104	184545	21.337	ug/l	99
71) Bromoform	12.20	173	43754	22.082	ug/l #	99
73) Isopropylbenzene	12.33	105	293216	21.116	ug/l	99
74) N-amyl acetate	12.14	43	76871	21.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	55693	22.859	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	79572	40.755	ug/l #	100
77) Bromobenzene	12.61	156	76767	21.232	ug/l	100
78) n-propylbenzene	12.67	91	339625	21.174	ug/l	100
79) 2-Chlorotoluene	12.75	91	187633	20.854	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	248903	21.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22563	21.772	ug/l	97
82) 4-Chlorotoluene	12.85	91	200514	21.271	ug/l	100
83) tert-Butylbenzene	13.08	119	220221	21.294	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	247419	21.223	ug/l	99
85) sec-Butylbenzene	13.25	105	301399	21.314	ug/l	100
86) p-Isopropyltoluene	13.37	119	282700	21.485	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	145244	21.207	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	146103	21.326	ug/l	100
89) n-Butylbenzene	13.70	91	254211	21.280	ug/l	100
90) Hexachloroethane	13.96	117	52439	21.288	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	135043	21.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10536	22.478	ug/l	95

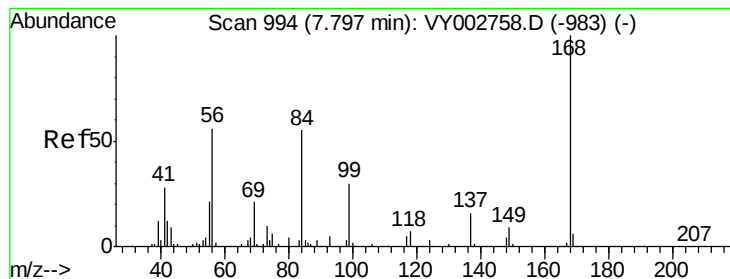
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
Data File : VY002865.D
Acq On : 09 Jun 2020 11:46
Operator : SY/MD
Sample : VY0609SBSD01
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	100017	21.364	ug/l	98
94) Hexachlorobutadiene	15.11	225	58169	21.906	ug/l	99
95) Naphthalene	15.23	128	199707	21.275	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	91109	21.793	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

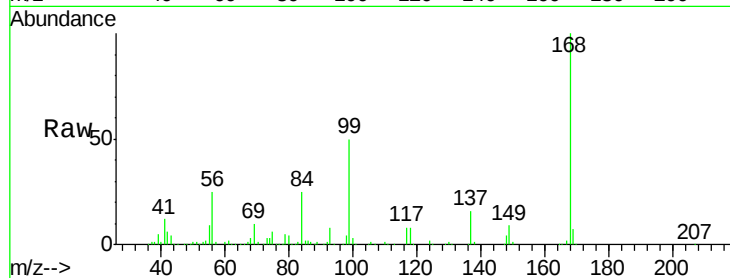
VY0609SBS01

Tot Ion:168 Resp: 286143

Ion Ratio Lower Upper

168 100

99 49.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

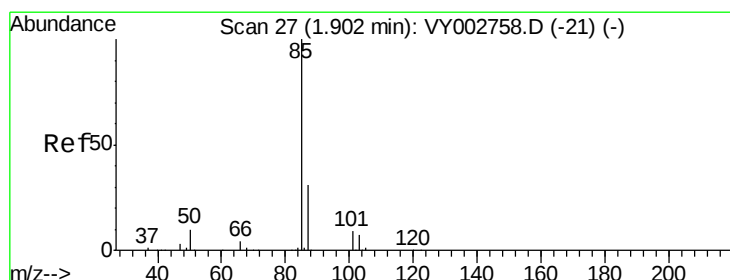
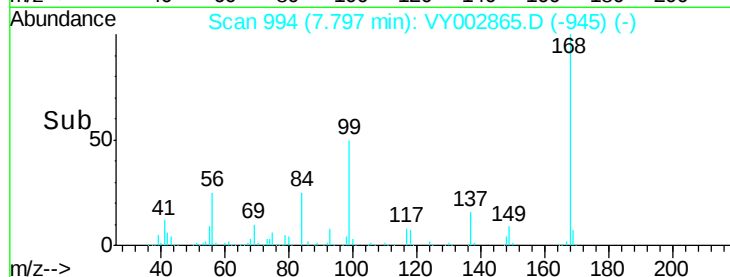
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.727 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002865.D

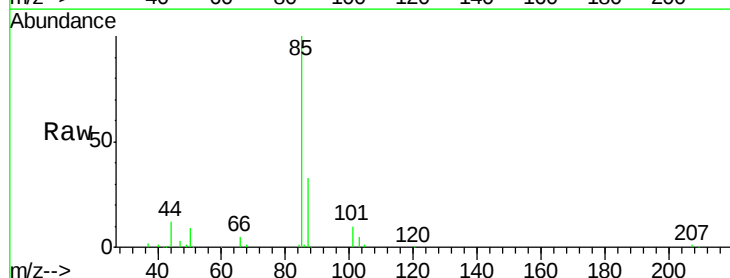
Acq: 09 Jun 2020 11:46

Tgt Ion: 85 Resp: 38841

Ion Ratio Lower Upper

85 100

87 33.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

30000

25000

20000

15000

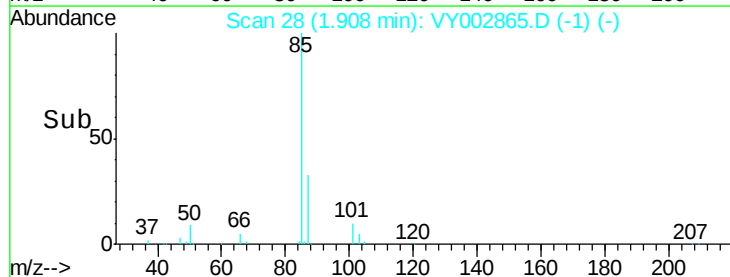
10000

5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.179 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

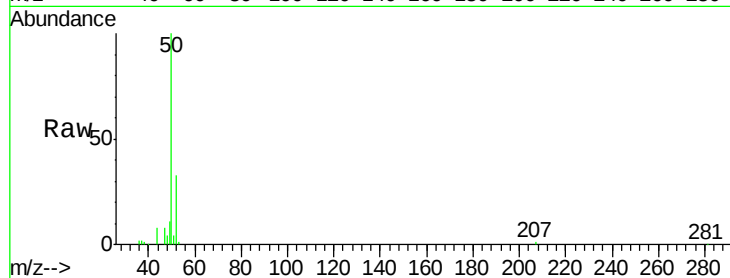
VY0609SBSD01

Tot Ion: 50 Resp: 43945

Ion Ratio Lower Upper

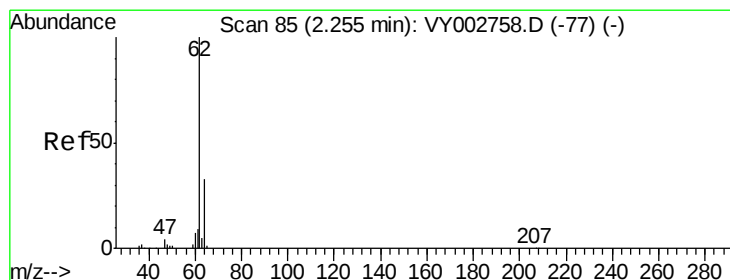
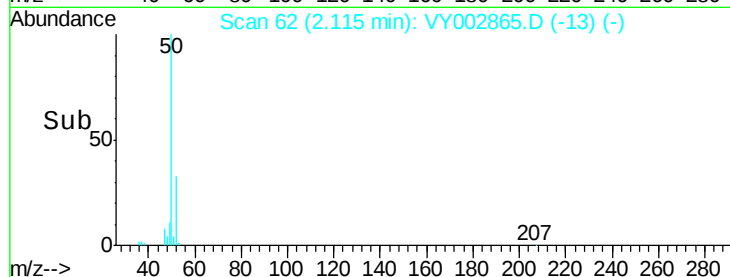
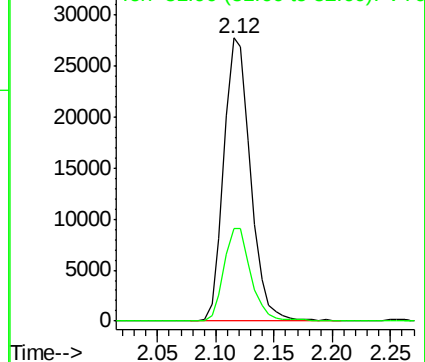
50 100

52 32.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.134 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002865.D

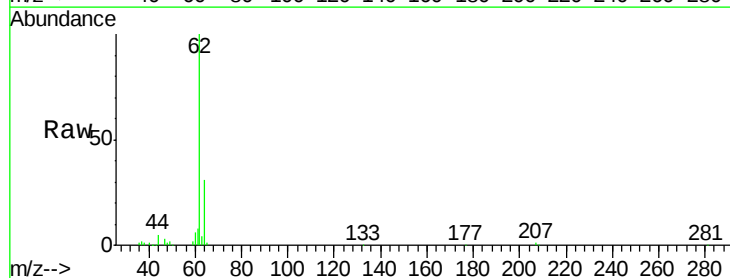
Acq: 09 Jun 2020 11:46

Tgt Ion: 62 Resp: 48648

Ion Ratio Lower Upper

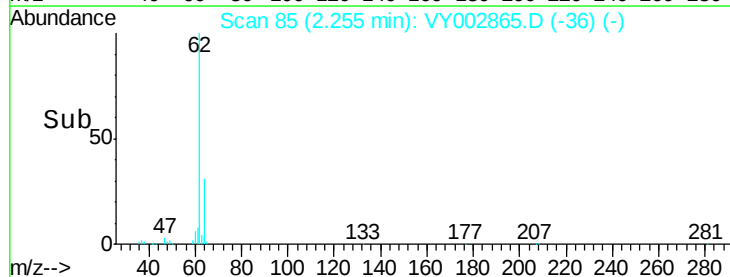
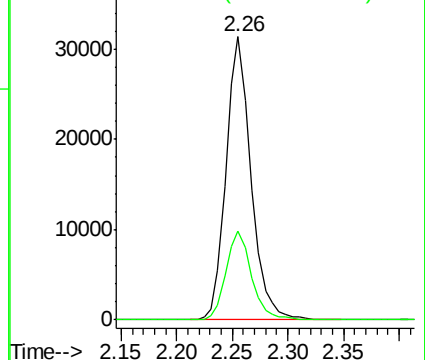
62 100

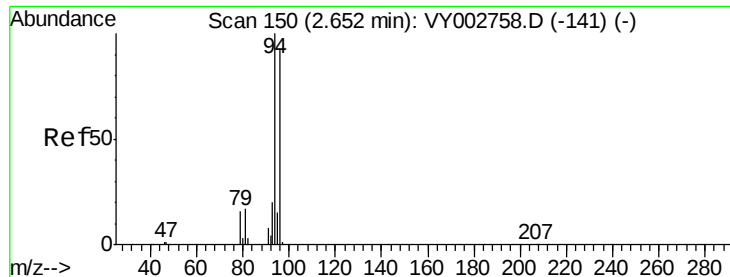
64 31.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.226 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

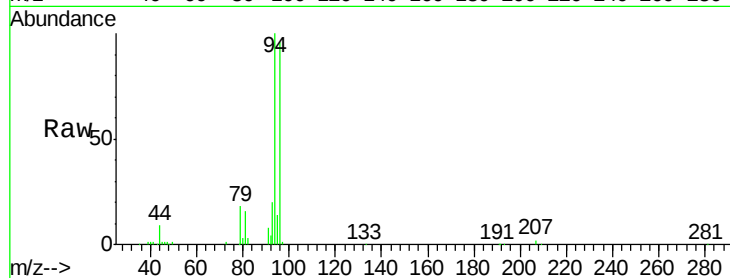
VY0609SBS01

Tot Ion: 94 Resp: 36615

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

20000

15000

10000

5000

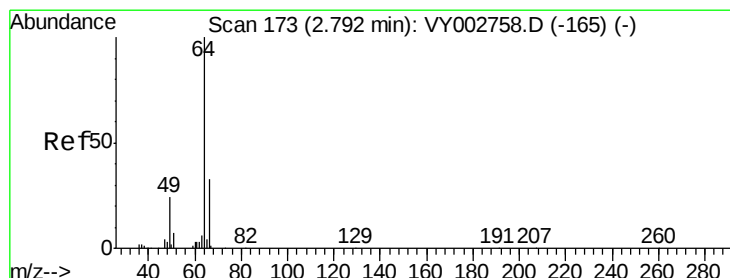
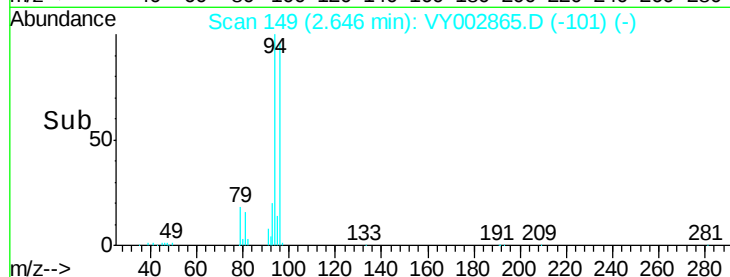
0

Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 21.167 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002865.D

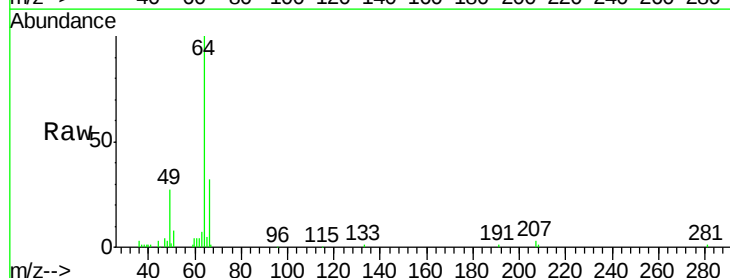
Acq: 09 Jun 2020 11:46

Tgt Ion: 64 Resp: 31586

Ion Ratio Lower Upper

64 100

66 31.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

15000

10000

5000

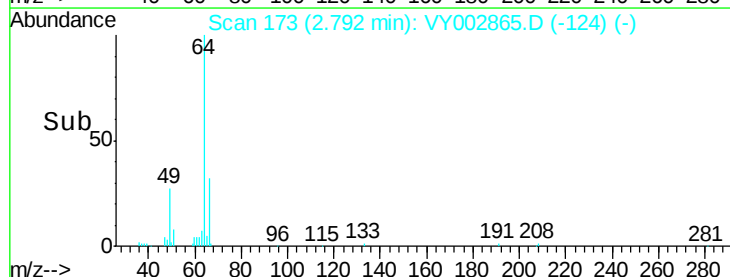
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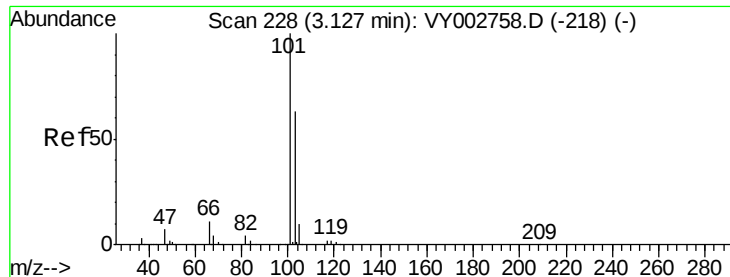
Time-->

2.70

2.80

2.90



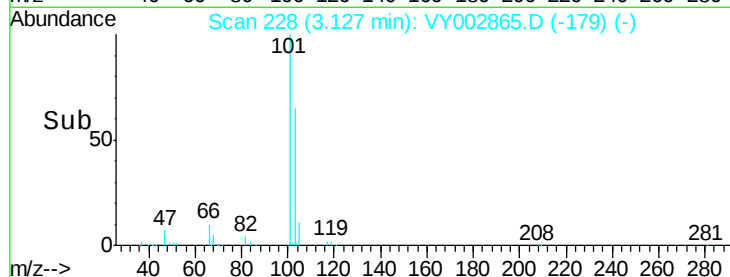
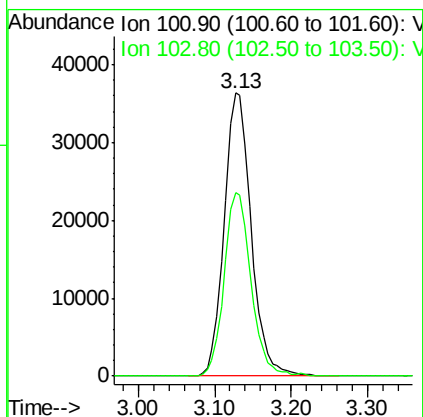
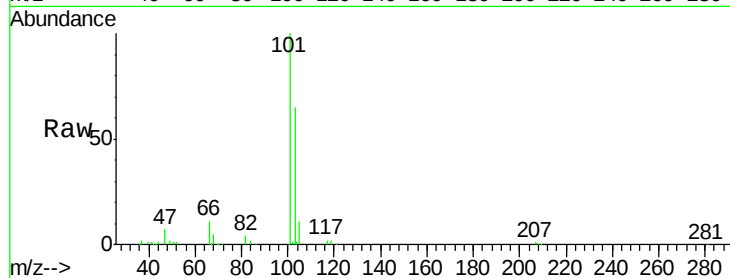


#7

Trichlorofluoromethane
Concen: 21.765 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Instrument :
MSVOA_Y
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VY0609SBS01

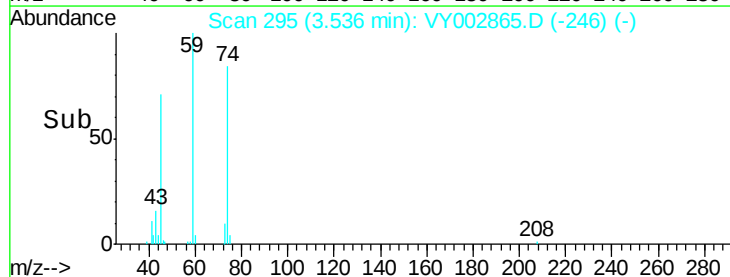
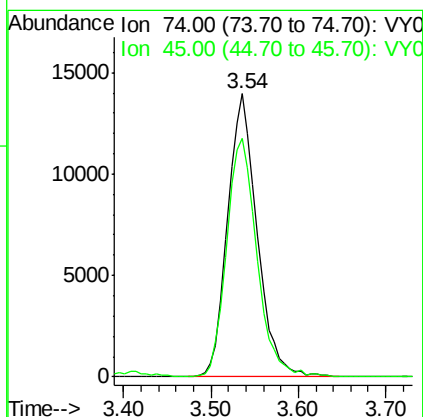
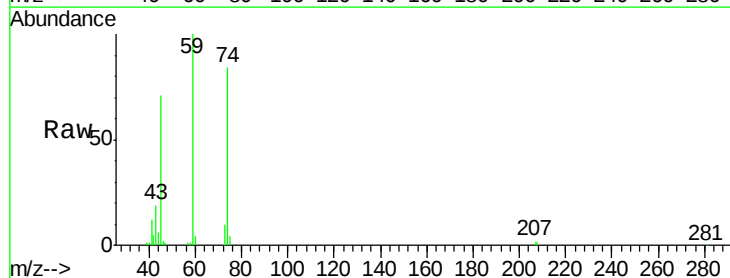
Tot Ion:101 Resp: 88733
Ion Ratio Lower Upper
101 100
103 64.9 50.6 76.0

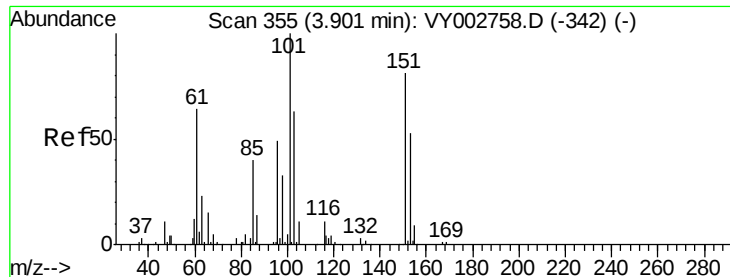


#8

Diethyl Ether
Concen: 20.563 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 74 Resp: 32733
Ion Ratio Lower Upper
74 100
45 86.8 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.189 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

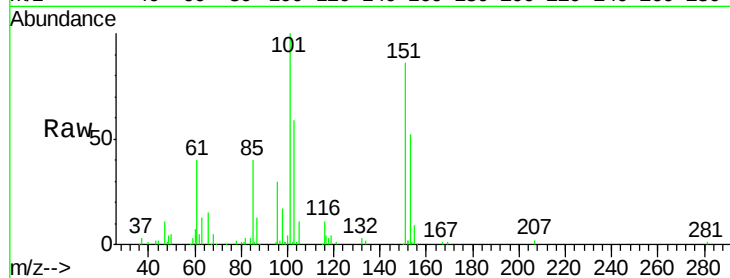
Tot Ion:101 Resp: 53711

Ion Ratio Lower Upper

101 100

85 42.2 32.7 49.1

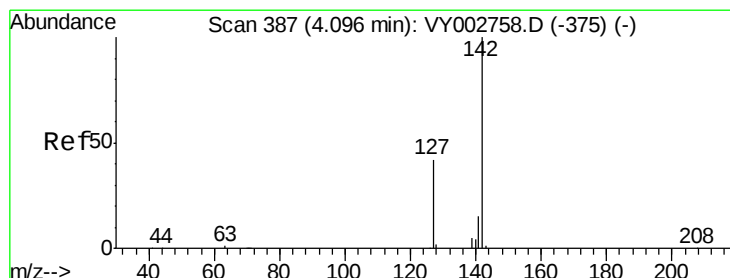
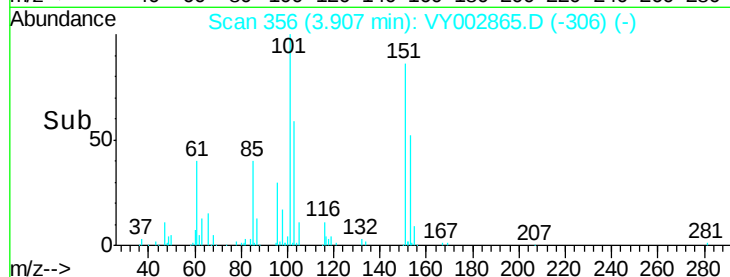
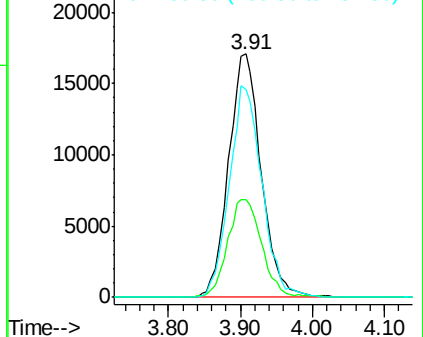
151 86.8 68.0 102.0



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: 20.717 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

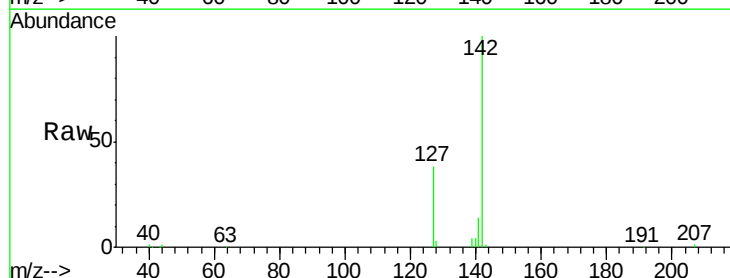
Tgt Ion:142 Resp: 70167

Ion Ratio Lower Upper

142 100

127 41.2 33.3 49.9

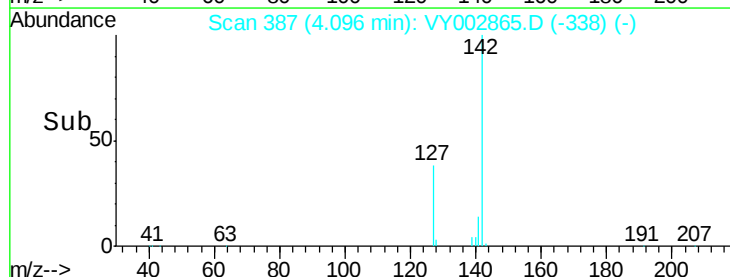
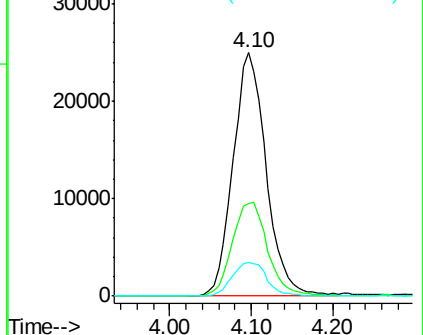
141 14.4 11.5 17.3

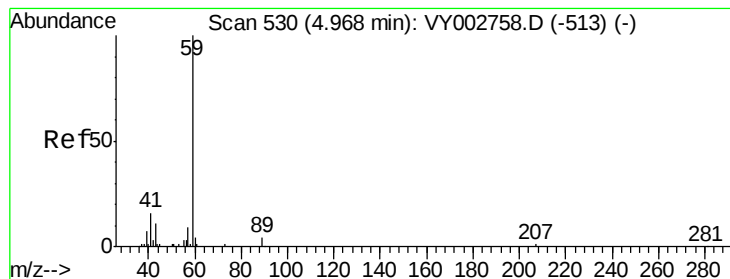


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



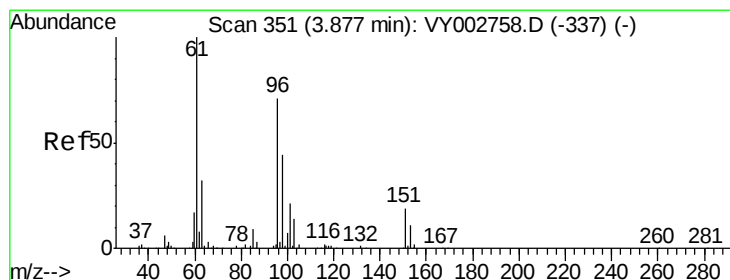
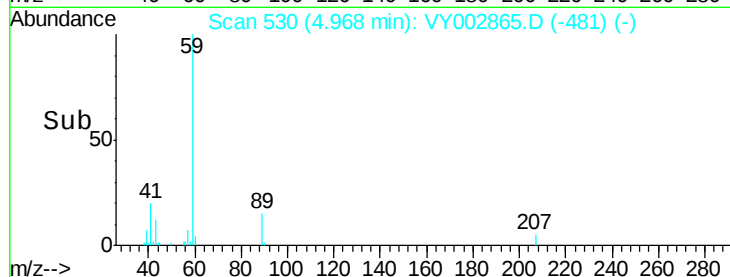
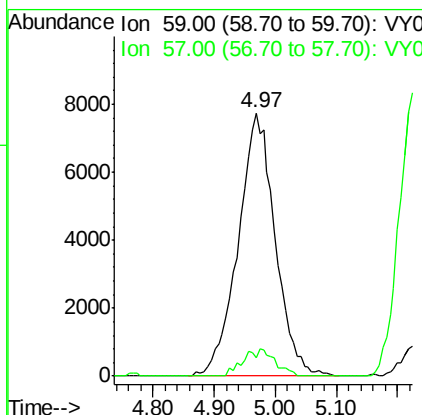
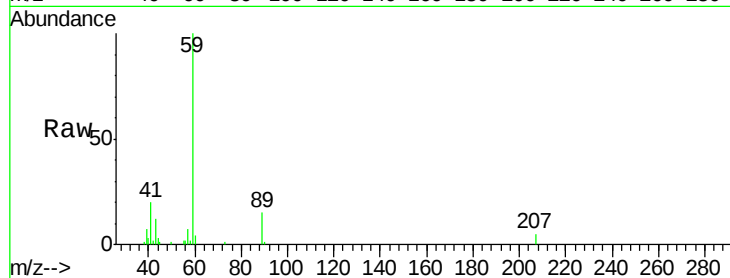


#11

Tert butyl alcohol
 Concen: 114.773 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

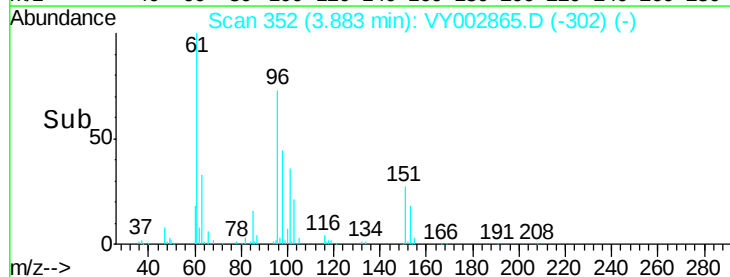
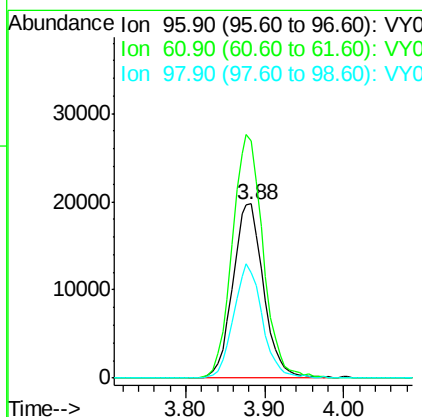
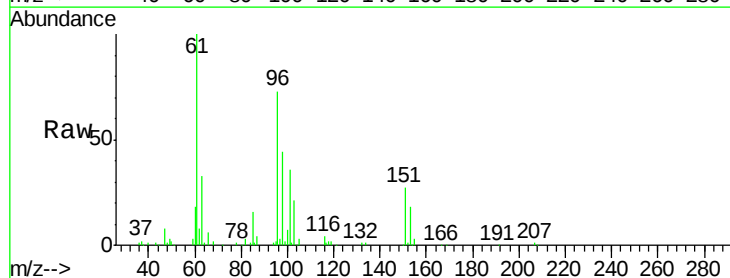
Tot Ion: 59 Resp: 32493
 Ion Ratio Lower Upper
 59 100
 57 4.0 7.7 11.5#

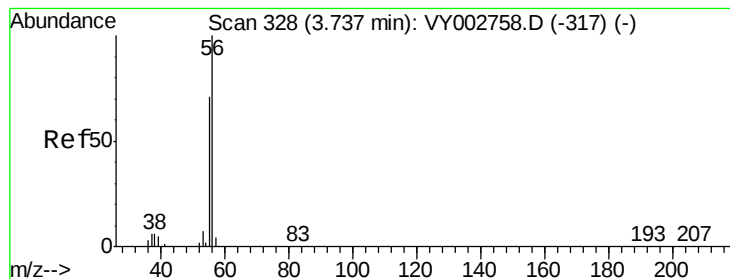


#12

1,1-Dichloroethene
 Concen: 22.049 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 96 Resp: 53673
 Ion Ratio Lower Upper
 96 100
 61 136.4 112.6 168.8
 98 60.4 50.0 75.0





#13

Acrolein

Concen: 85.947 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

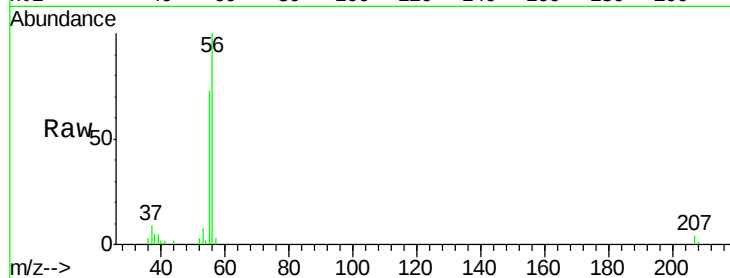
VY0609SBS01

Tot Ion: 56 Resp: 25024

Ion Ratio Lower Upper

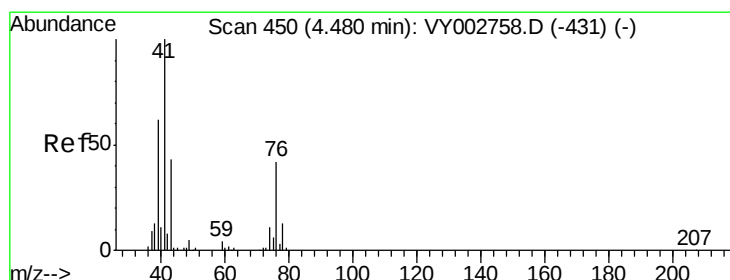
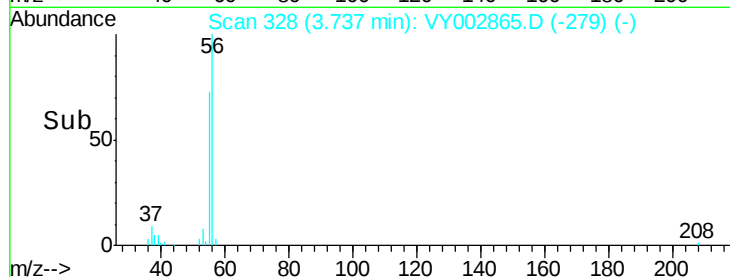
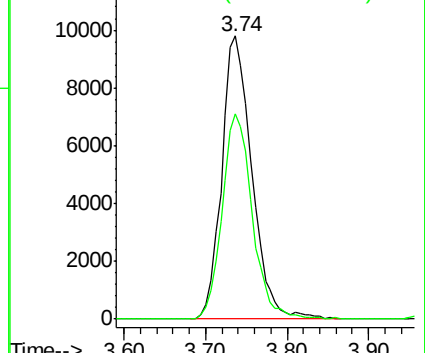
56 100

55 72.5 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.114 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

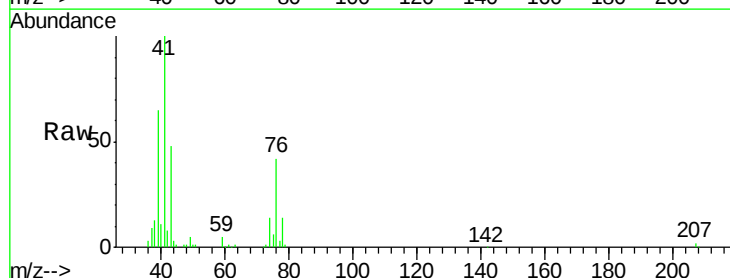
Tgt Ion: 41 Resp: 77206

Ion Ratio Lower Upper

41 100

39 62.2 49.9 74.9

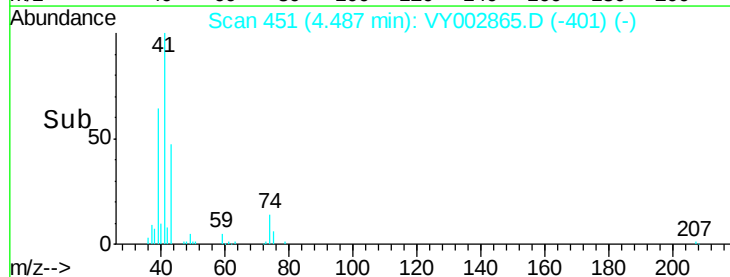
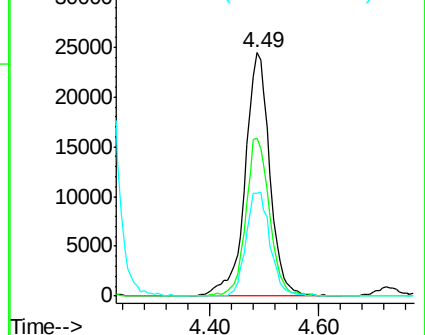
76 41.5 33.2 49.8

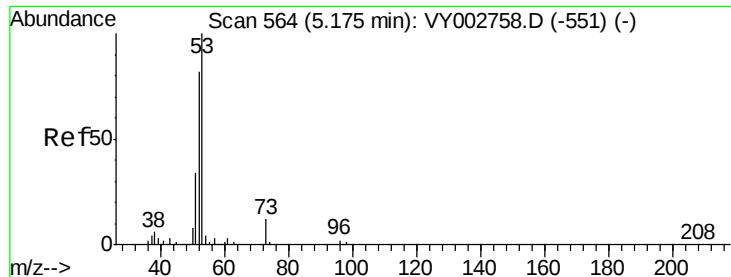


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 111.998 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBSD01

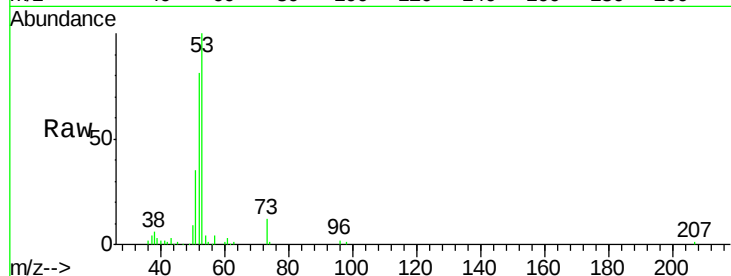
Tot Ion: 53 Resp: 80431

Ion Ratio Lower Upper

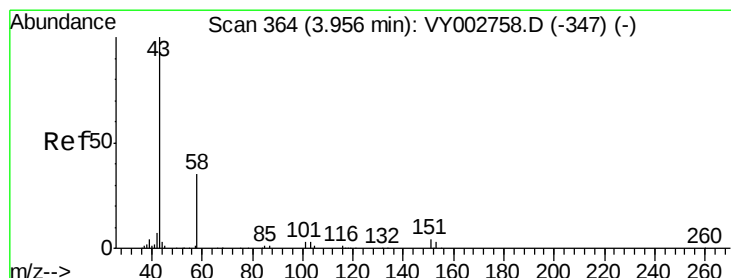
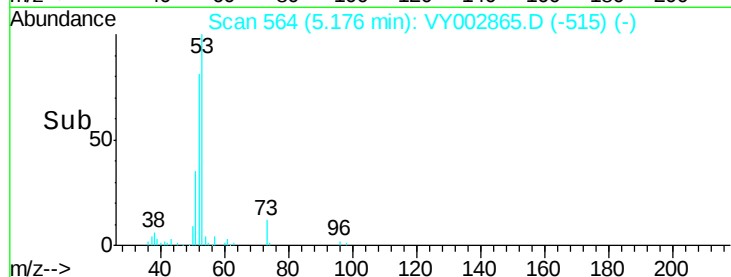
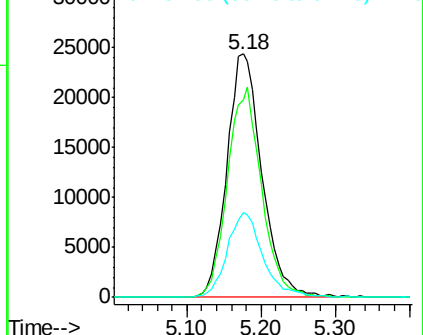
53 100

52 84.0 65.3 97.9

51 35.3 28.0 42.0



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



#16

Acetone

Concen: 111.595 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002865.D

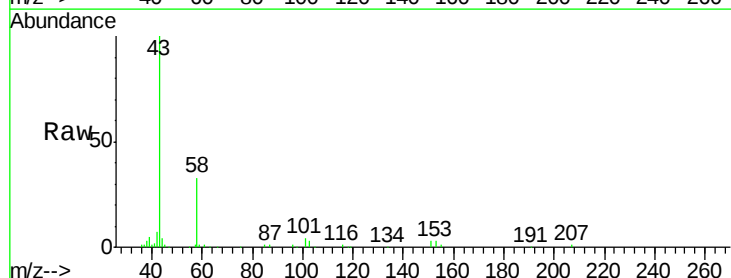
Acq: 09 Jun 2020 11:46

Tgt Ion: 43 Resp: 65014

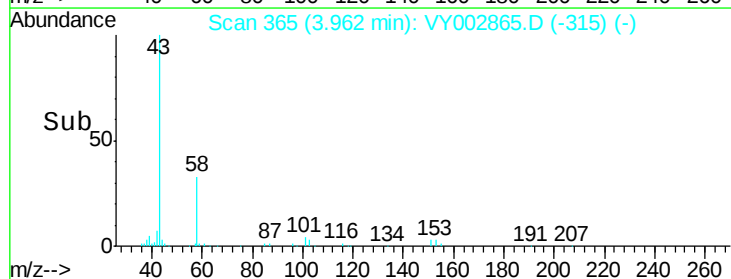
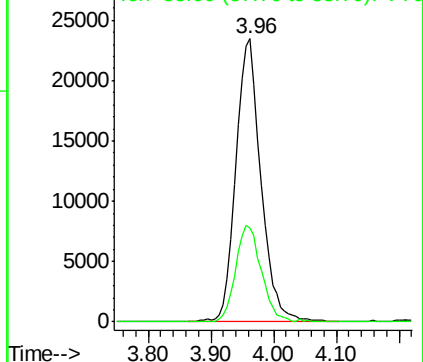
Ion Ratio Lower Upper

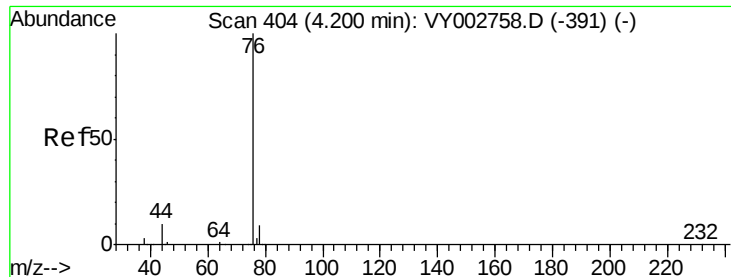
43 100

58 33.0 27.7 41.5



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





#17

Carbon Disulfide

Concen: 20.540 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

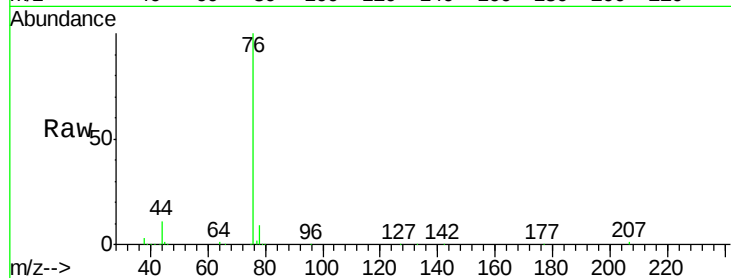
VY0609SBSD01

Tot Ion: 76 Resp: 151090

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

60000

50000

40000

30000

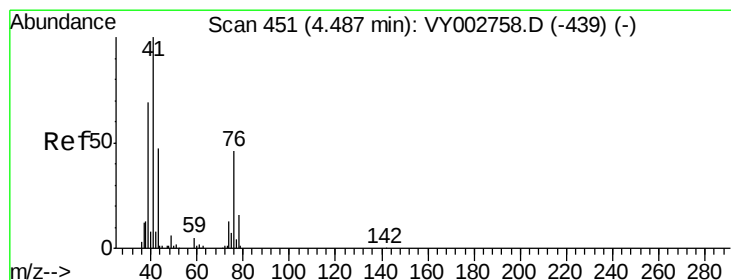
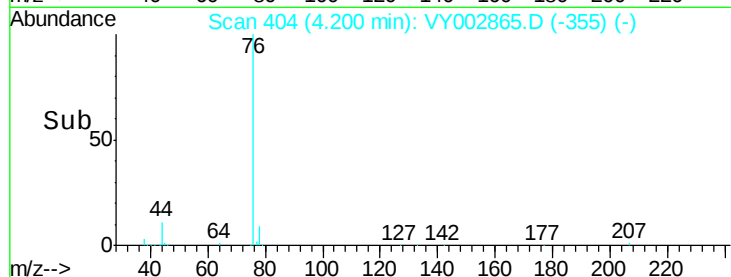
20000

10000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 25.637 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY002865.D

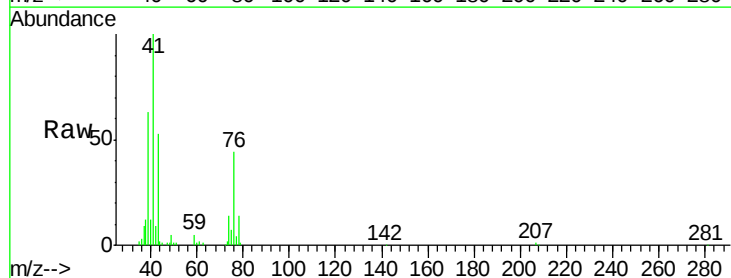
Acq: 09 Jun 2020 11:46

Tgt Ion: 43 Resp: 38167

Ion Ratio Lower Upper

43 100

74 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

15000

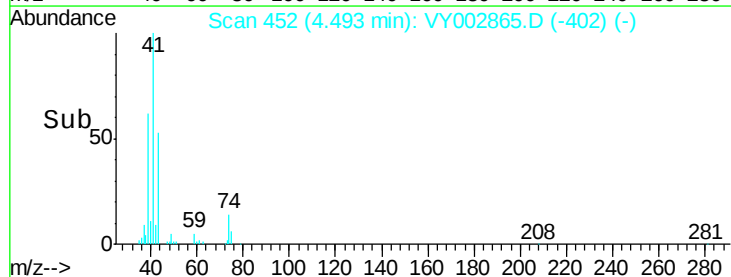
10000

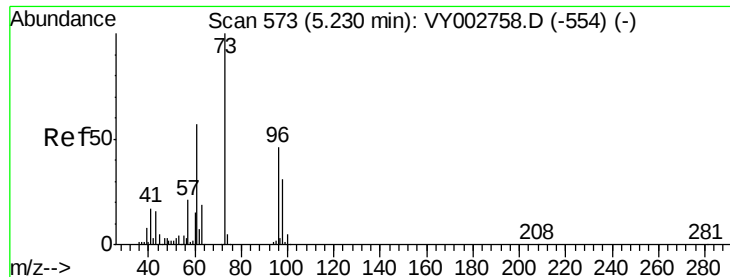
5000

0

4.40 4.50 4.60

Time-->



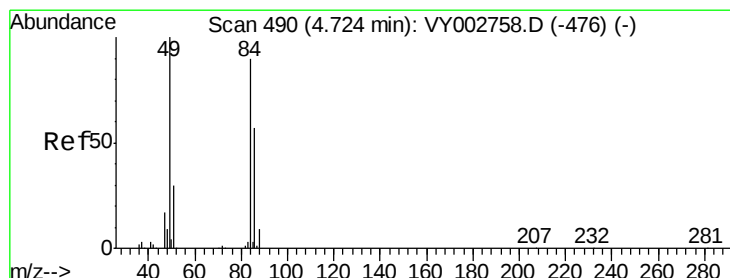
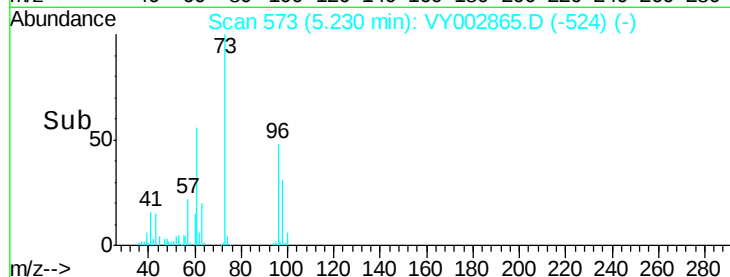
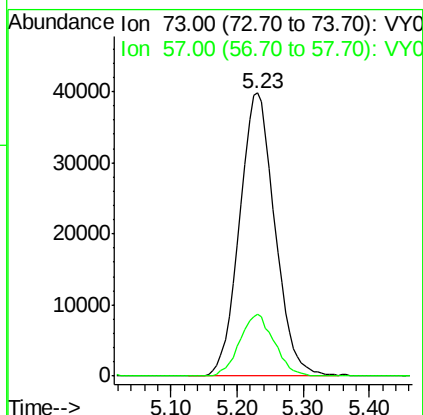
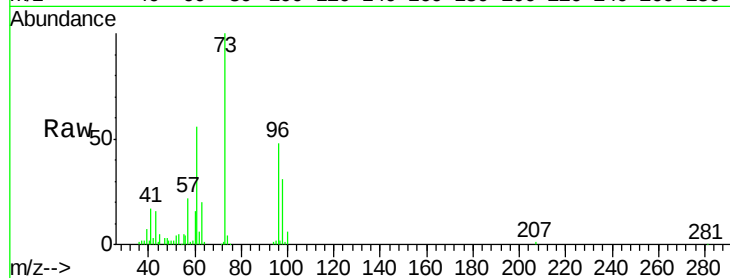


#19

Methyl tert-butyl Ether
 Concen: 21.991 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

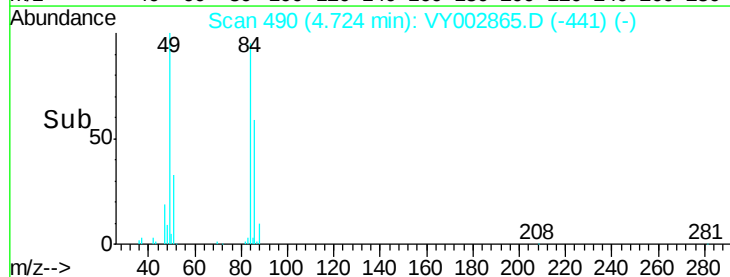
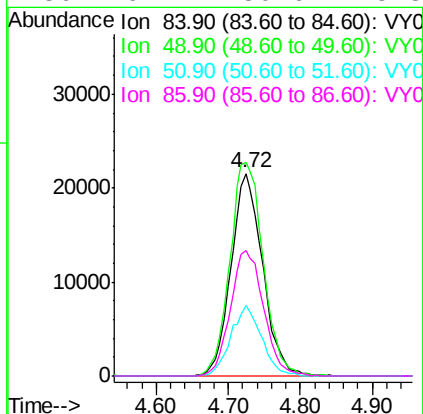
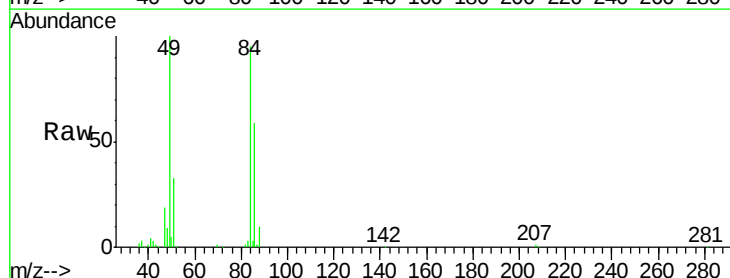
Tot Ion: 73 Resp: 147786
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.0 25.4

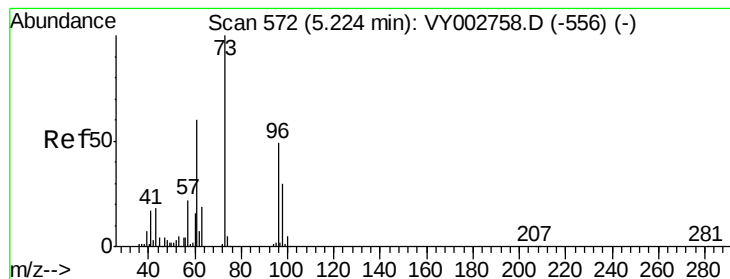


#20

Methylene Chloride
 Concen: 23.110 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 84 Resp: 65796
 Ion Ratio Lower Upper
 84 100
 49 105.4 88.5 132.7
 51 34.6 26.8 40.2
 86 61.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.573 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

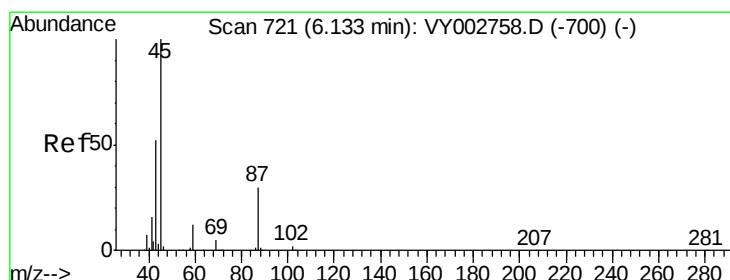
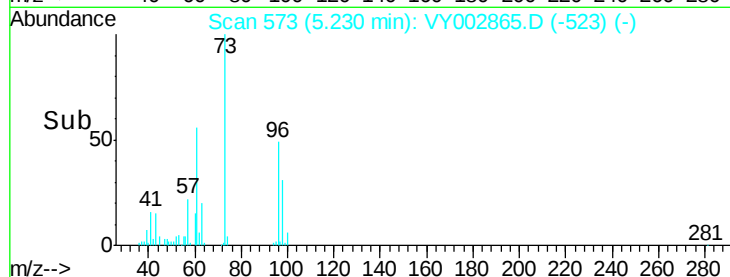
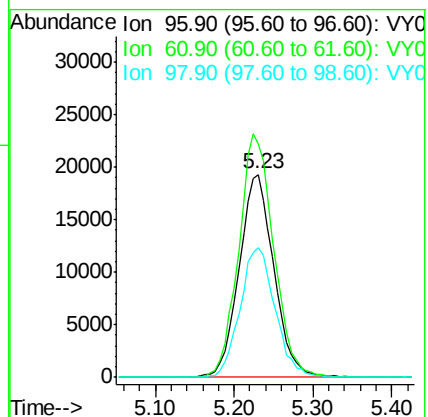
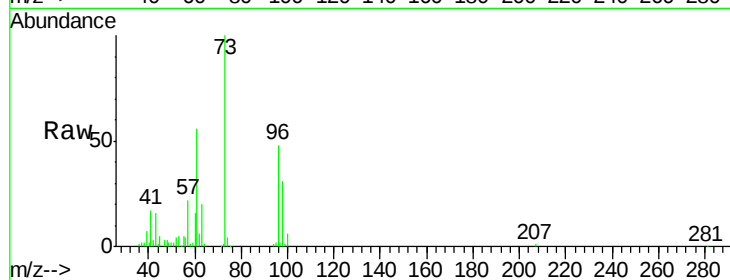
Tot Ion: 96 Resp: 59058

Ion Ratio Lower Upper

96 100

61 115.1 96.8 145.2

98 64.1 49.4 74.0



#22

Diisopropyl ether

Concen: 22.433 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Tgt Ion: 45 Resp: 162752

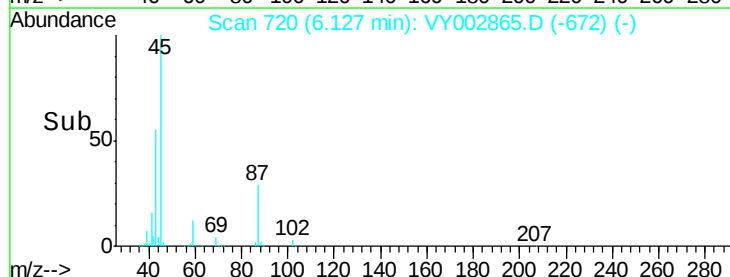
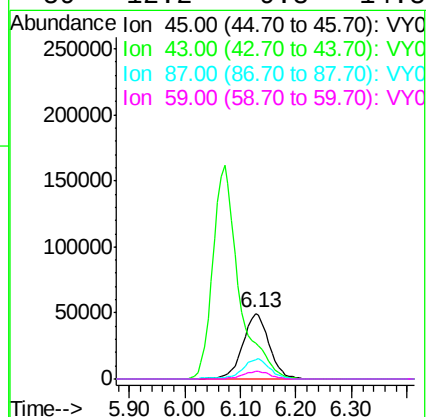
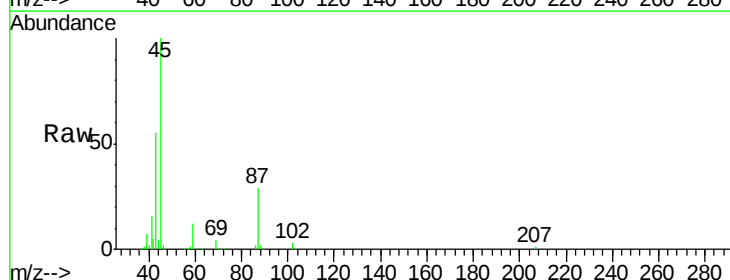
Ion Ratio Lower Upper

45 100

43 55.3 41.7 62.5

87 28.8 24.2 36.2

59 12.2 9.8 14.8





#23

Vinyl Acetate

Concen: 110.083 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

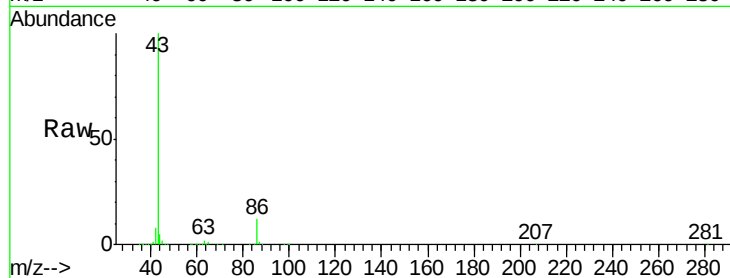
VY0609SBSD01

Tot Ion: 43 Resp: 527299

Ion Ratio Lower Upper

43 100

86 12.5 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

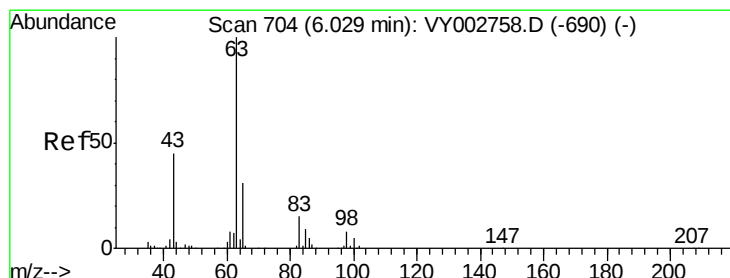
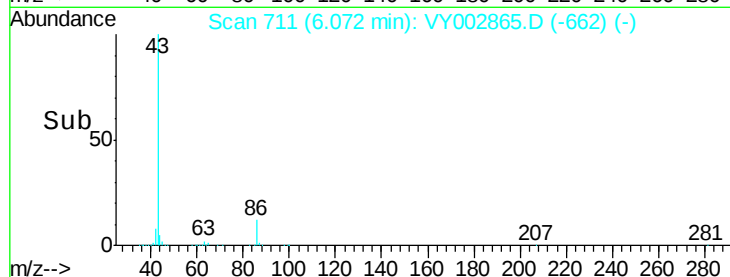
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.269 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

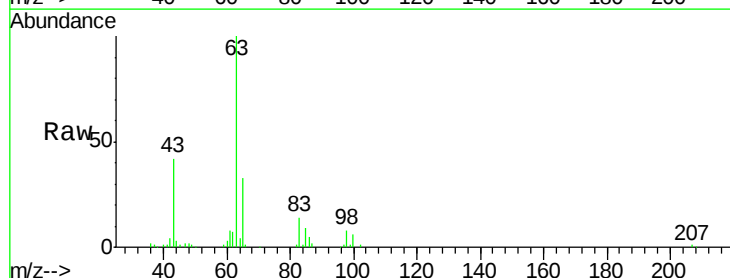
Tgt Ion: 63 Resp: 94509

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

100 5.6 2.4 7.1



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

40000

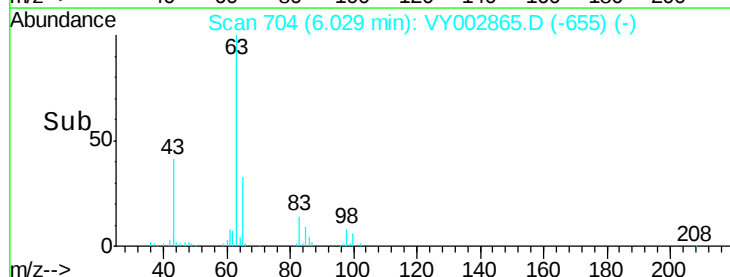
30000

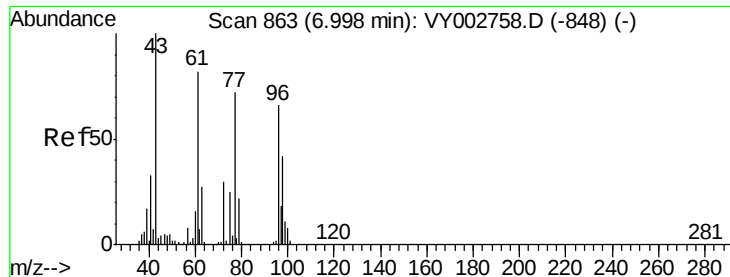
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 111.290 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

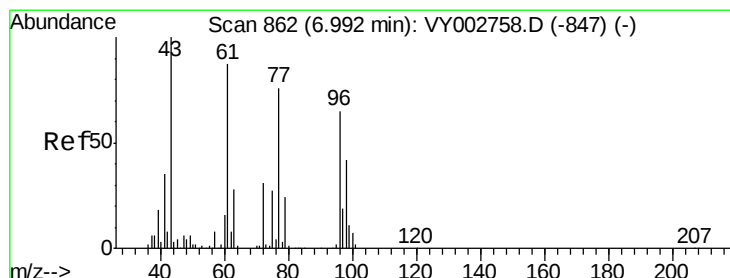
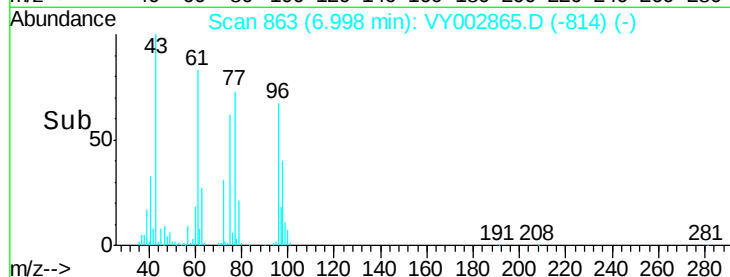
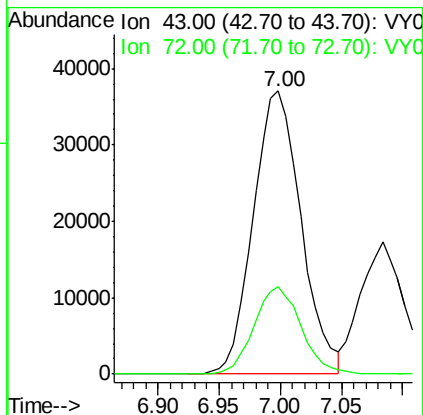
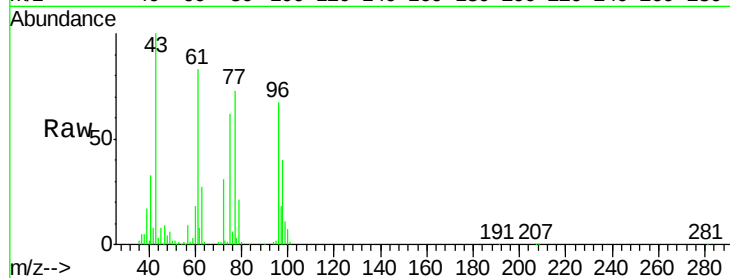
VY0609SBS01

Tot Ion: 43 Resp: 101015

Ion Ratio Lower Upper

43 100

72 30.9 23.9 35.9



#26

2,2-Dichloropropane

Concen: 21.364 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002865.D

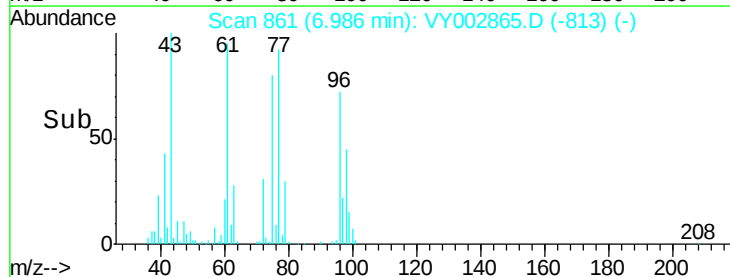
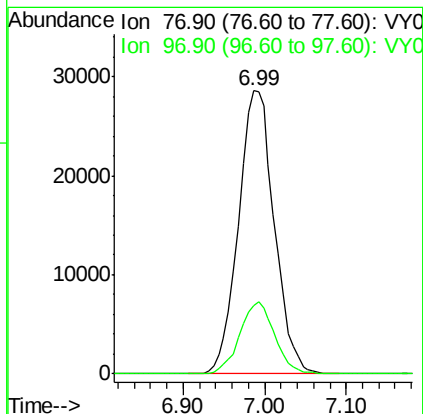
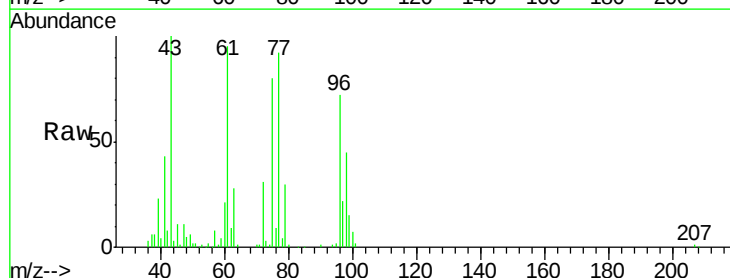
Acq: 09 Jun 2020 11:46

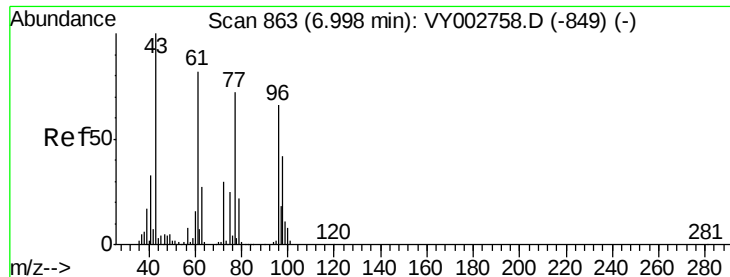
Tgt Ion: 77 Resp: 86959

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6



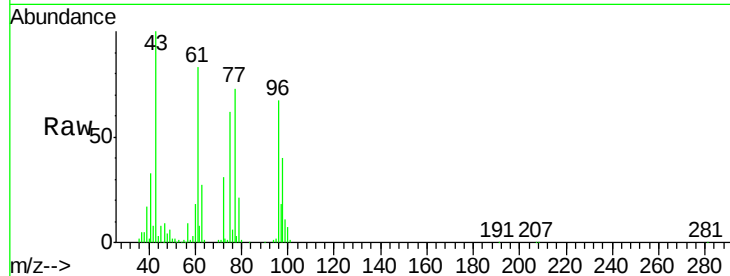


#27

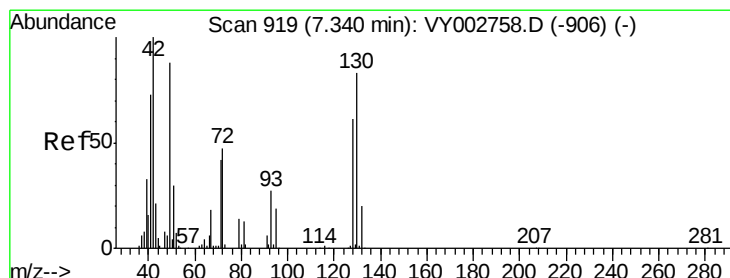
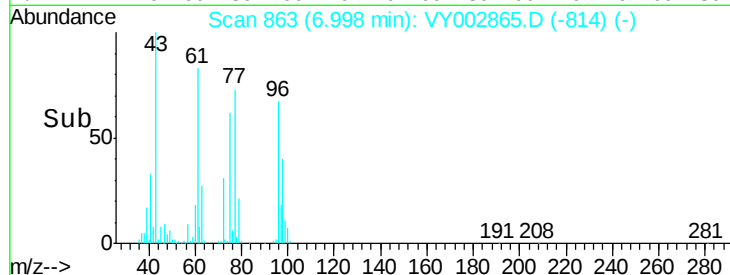
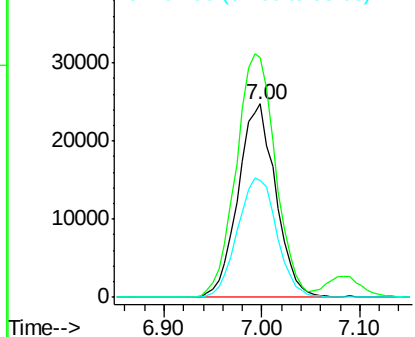
cis-1,2-Dichloroethene
Concen: 21.556 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 96 Resp: 66061
Ion Ratio Lower Upper
96 100
61 131.3 0.0 260.2
98 64.5 0.0 128.2



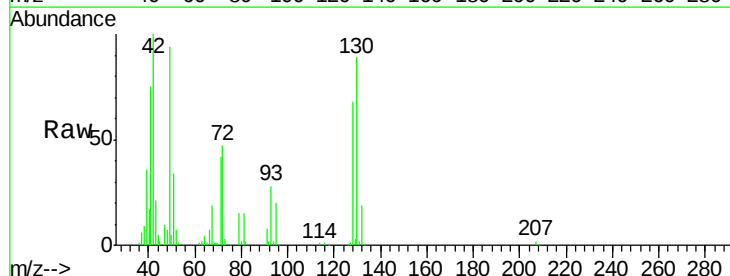
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



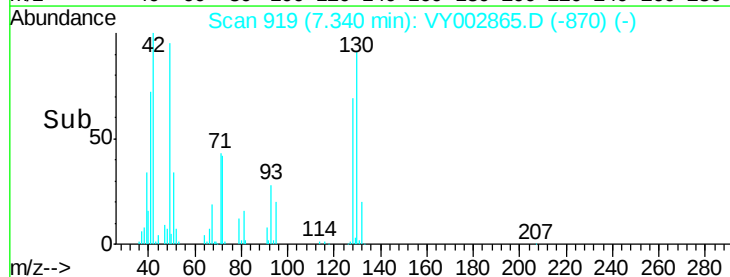
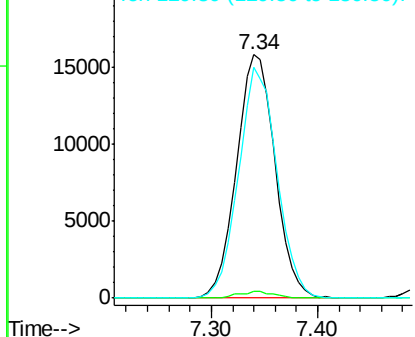
#28

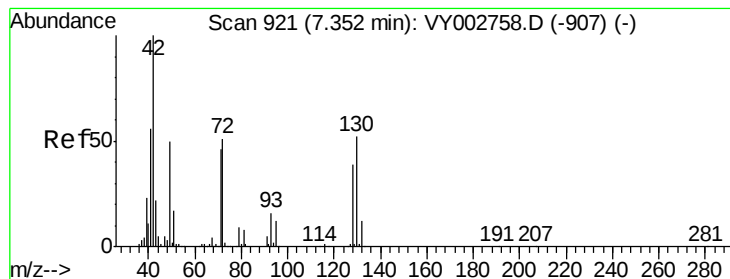
Bromochloromethane
Concen: 23.042 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 49 Resp: 40145
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 94.6 77.1 115.7



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: 112.016 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

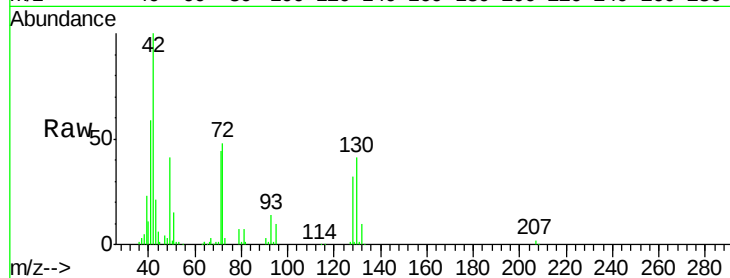
Tot Ion: 42 Resp: 66135

Ion Ratio Lower Upper

42 100

72 48.4 38.6 58.0

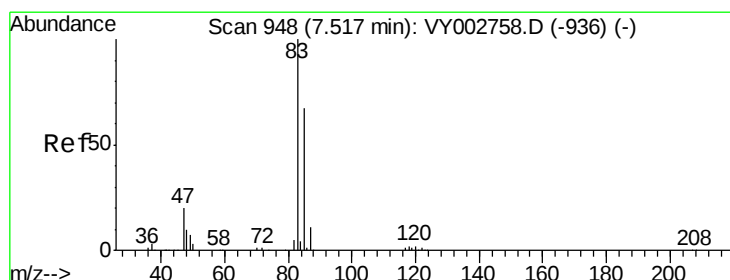
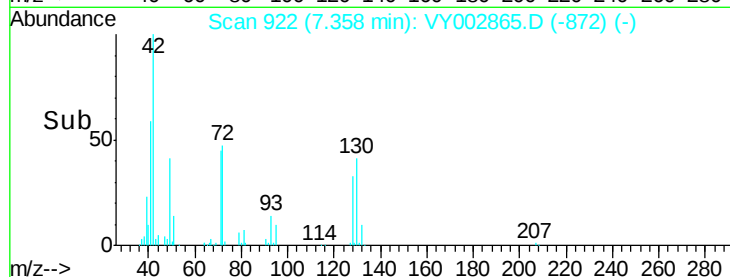
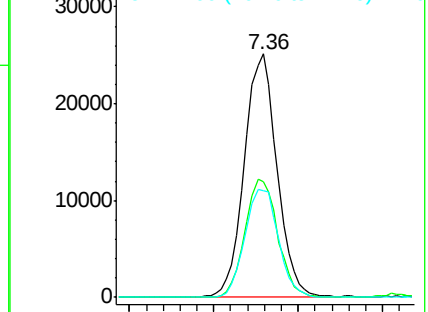
71 45.4 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 22.131 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002865.D

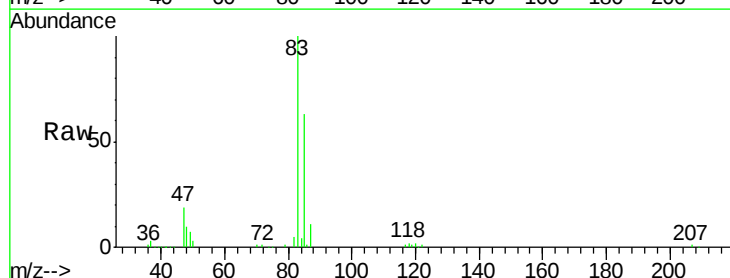
Acq: 09 Jun 2020 11:46

Tgt Ion: 83 Resp: 99666

Ion Ratio Lower Upper

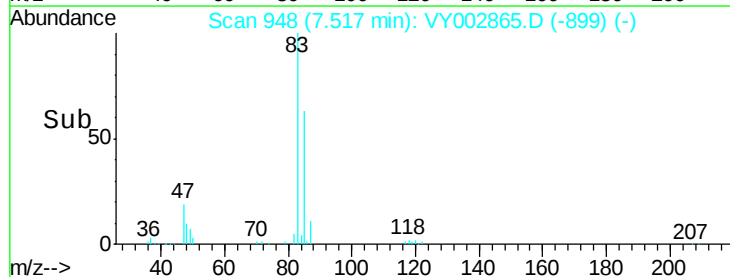
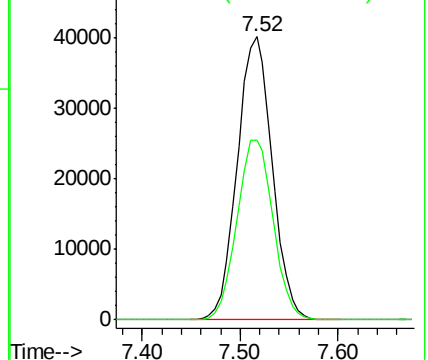
83 100

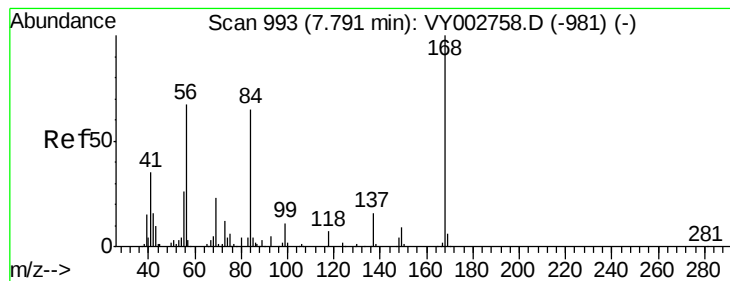
85 63.5 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.893 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

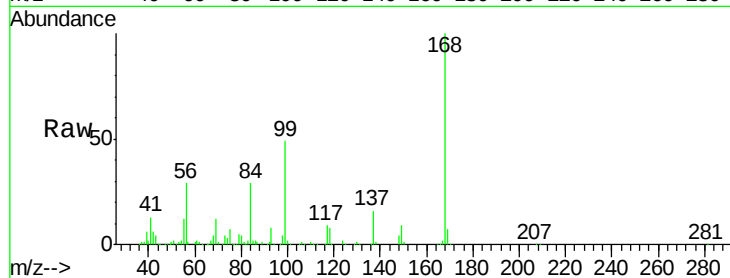
Tot Ion: 56 Resp: 88037

Ion Ratio Lower Upper

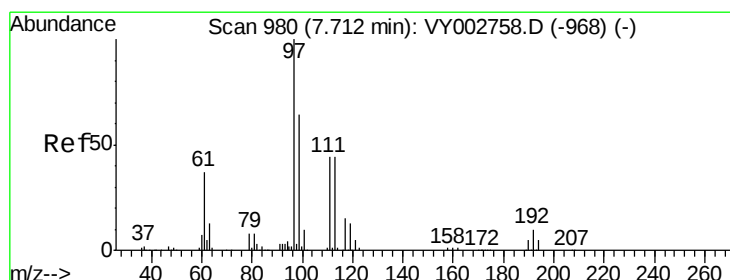
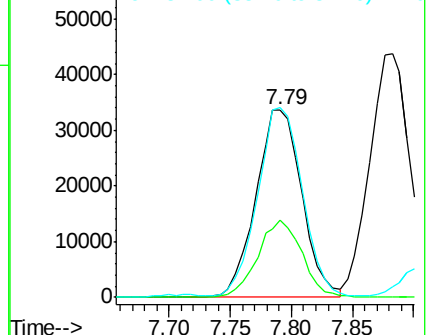
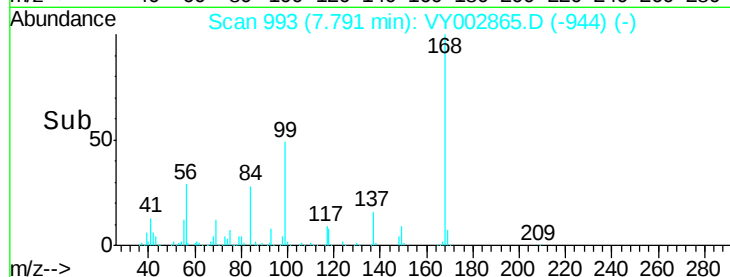
56 100

69 41.5 28.0 42.0

84 100.1 77.7 116.5



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: 21.360 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

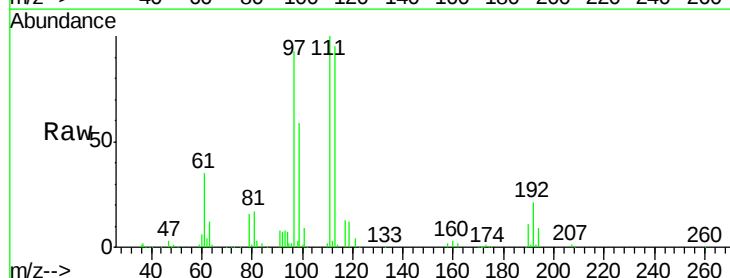
Tgt Ion: 97 Resp: 89642

Ion Ratio Lower Upper

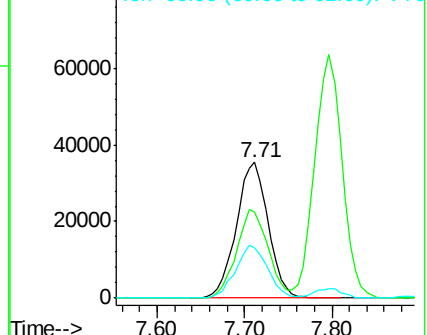
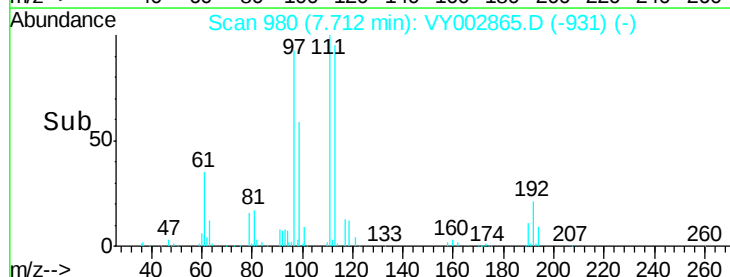
97 100

99 64.9 51.4 77.0

61 39.1 30.1 45.1



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

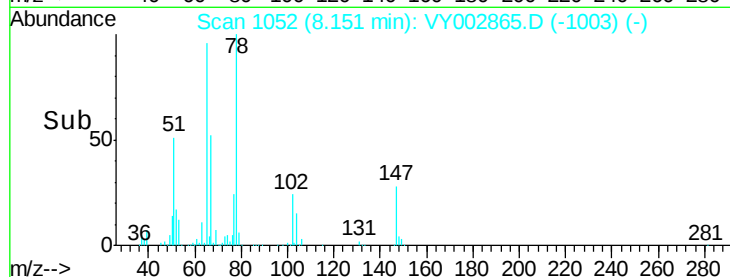
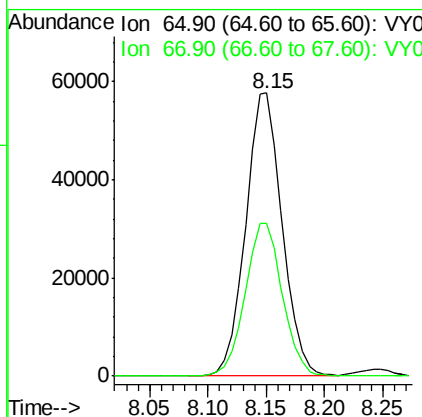
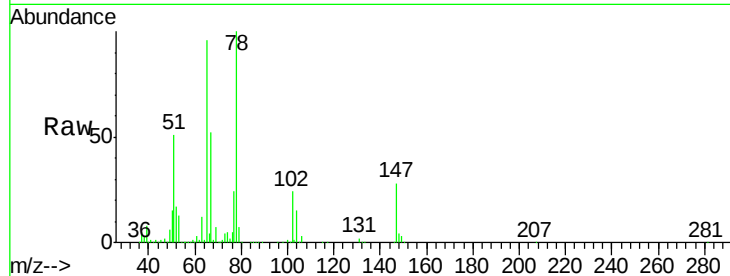




#33
 1,2-Dichloroethane-d4
 Concen: 50.664 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

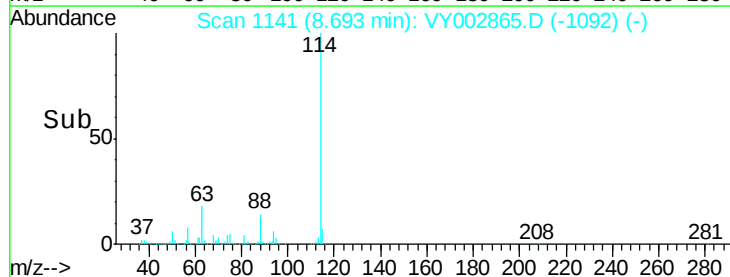
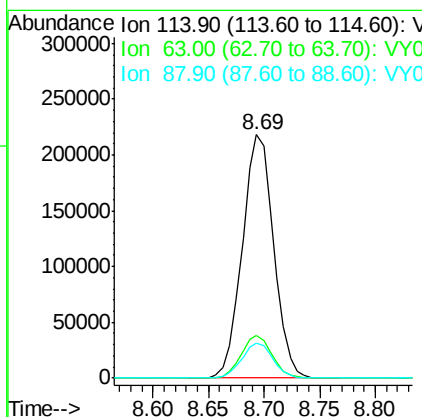
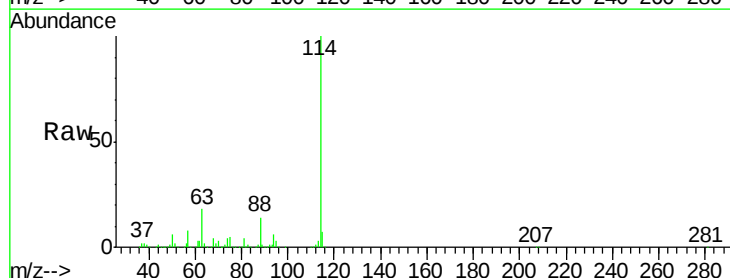
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

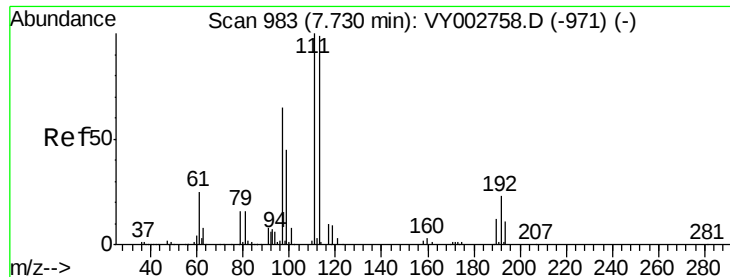
Tot Ion: 65 Resp: 125875
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 114 Resp: 426787
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.2
 88 14.5 0.0 29.2

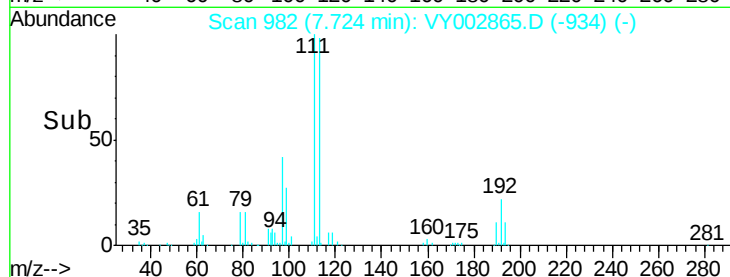
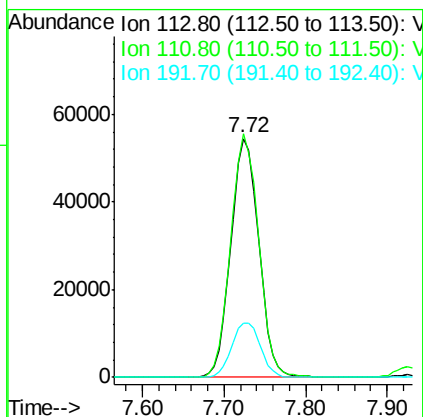
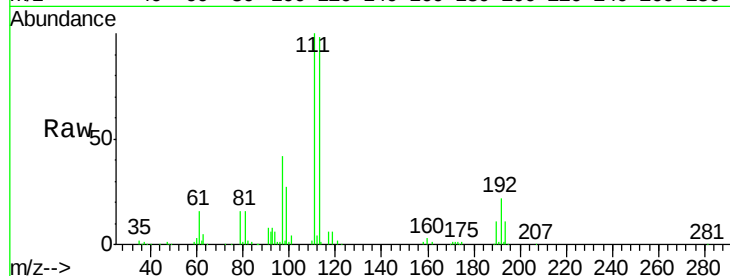




#35
 Dibromofluoromethane
 Concen: 51.615 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

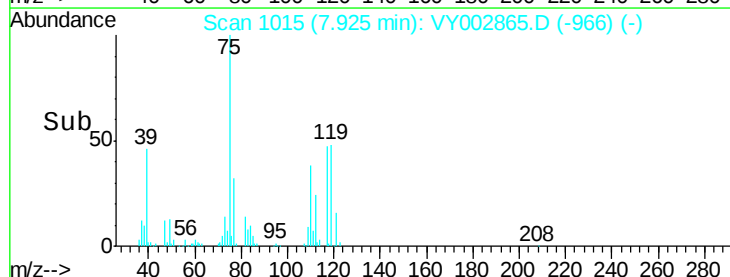
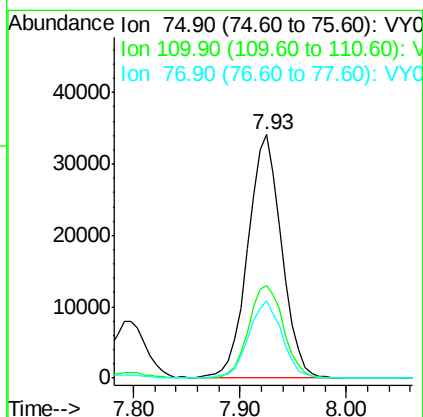
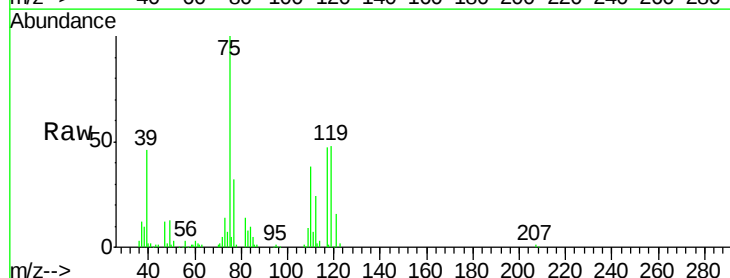
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBSD01

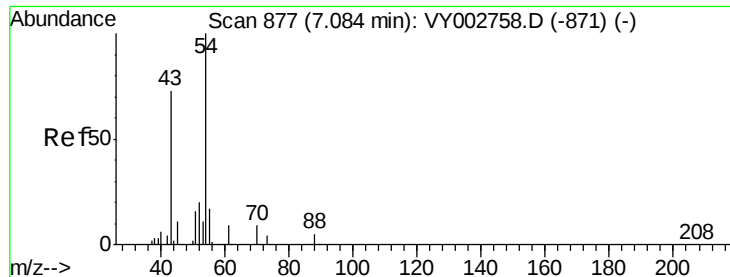
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.133 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.3	57.9
77	31.4	24.8	37.2

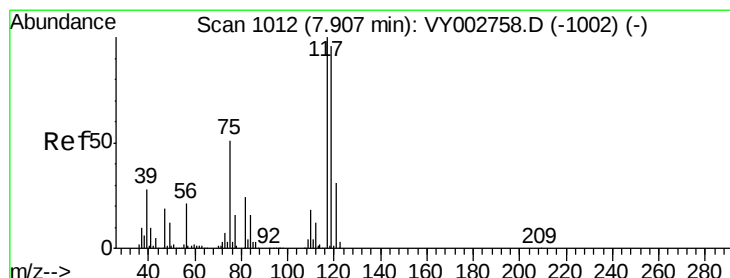
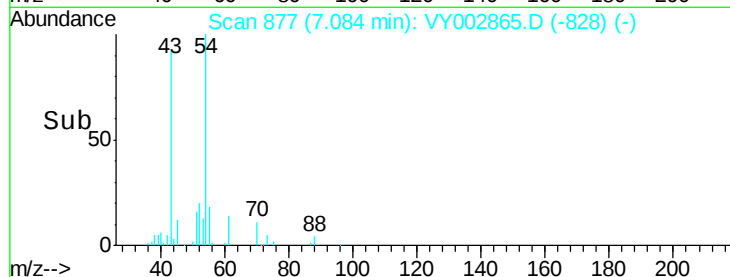
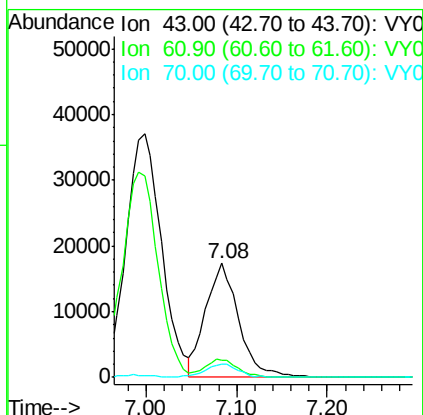
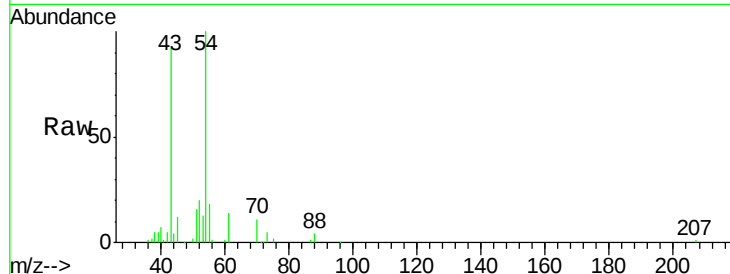




#37
Ethyl Acetate
Concen: 22.772 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

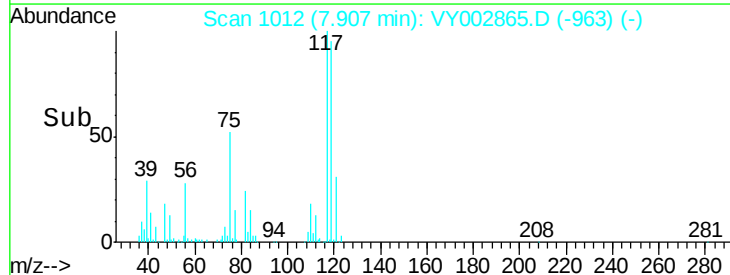
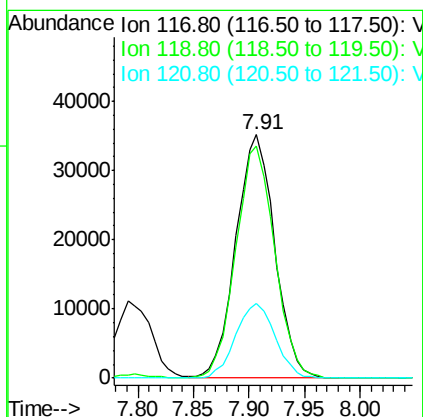
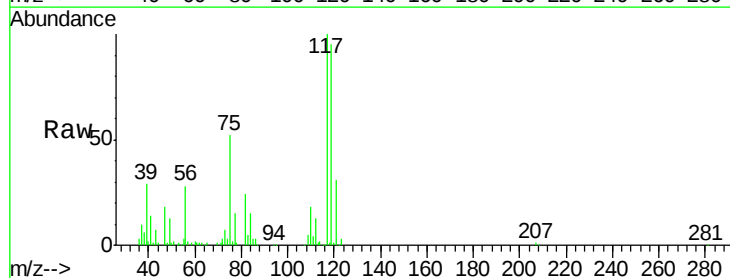
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

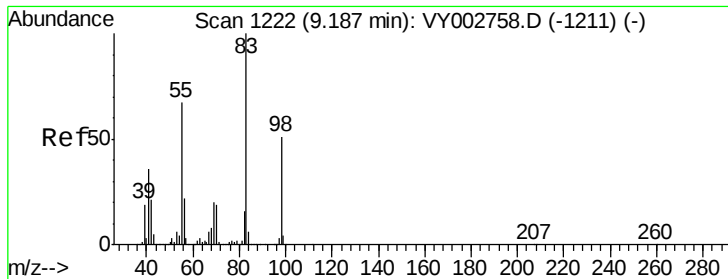
Tot Ion: 43 Resp: 44542
Ion Ratio Lower Upper
43 100
61 15.9 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.336 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 117 Resp: 85214
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
121 30.7 24.8 37.2

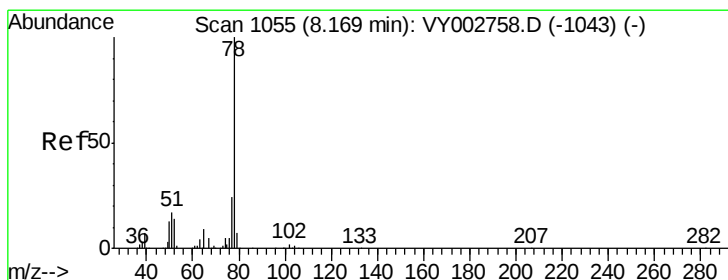
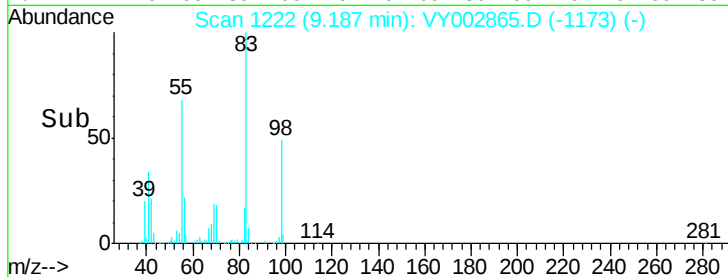
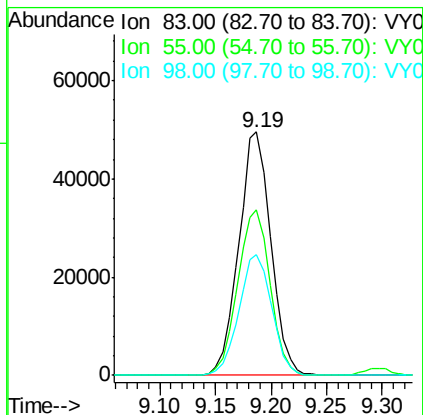
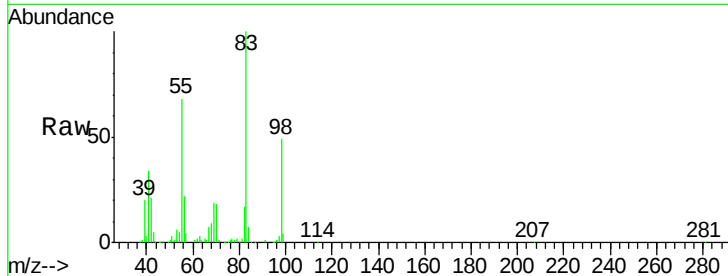




#39
Methvlcvclohexane
Concen: 20.939 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

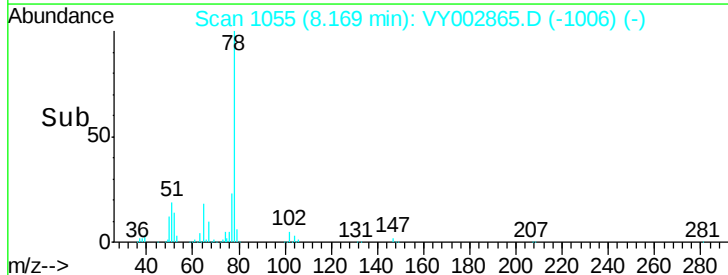
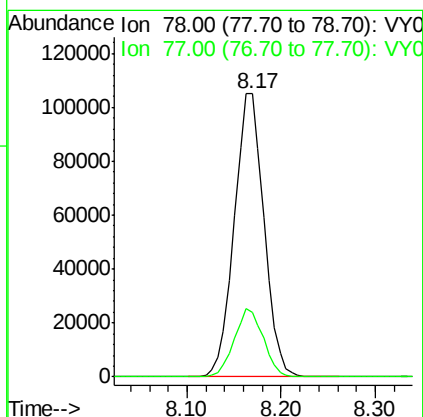
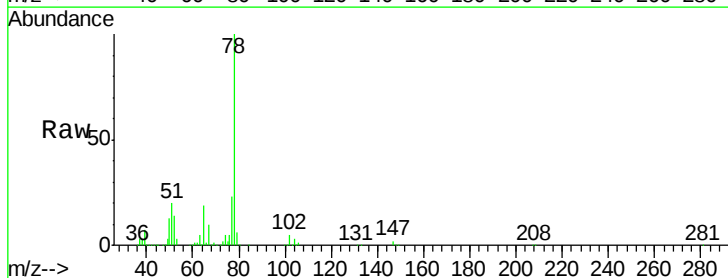
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

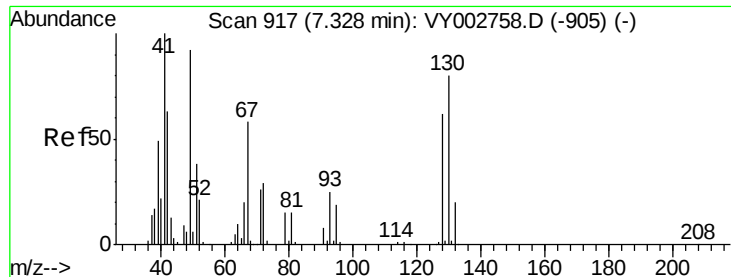
Tot Ion: 83 Resp: 99224
Ion Ratio Lower Upper
83 100
55 68.0 53.3 79.9
98 49.4 41.1 61.7



#40
Benzene
Concen: 21.717 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 78 Resp: 230693
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2

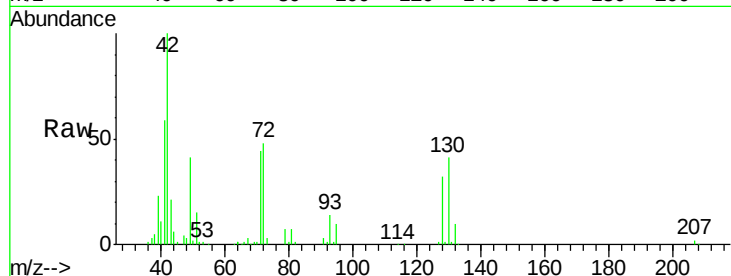




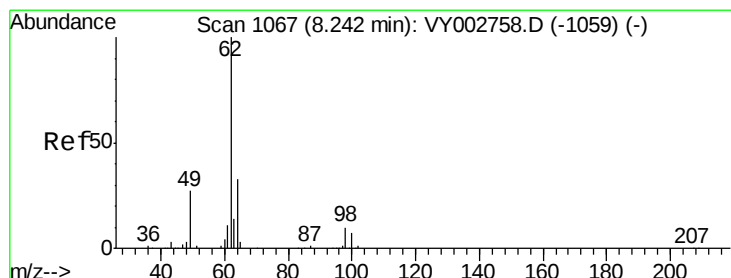
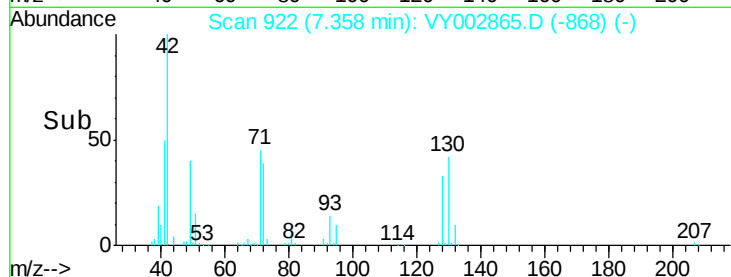
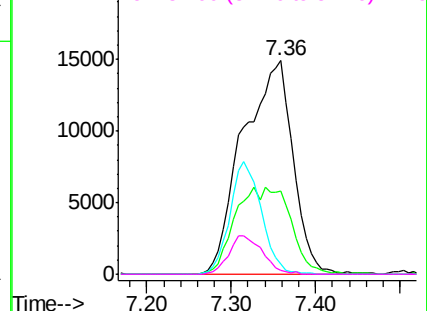
#41
Methacrylonitrile
Concen: 57.656 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

Tot Ion: 41 Resp: 60587
Ion Ratio Lower Upper
41 100
39 0.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

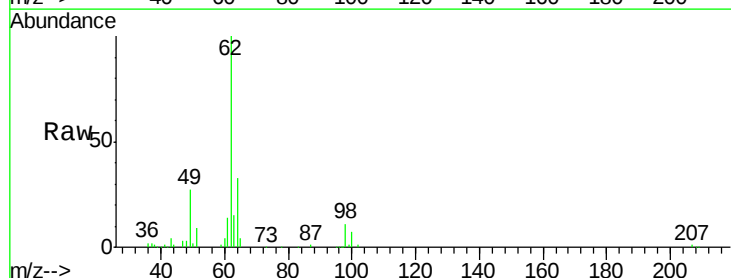


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

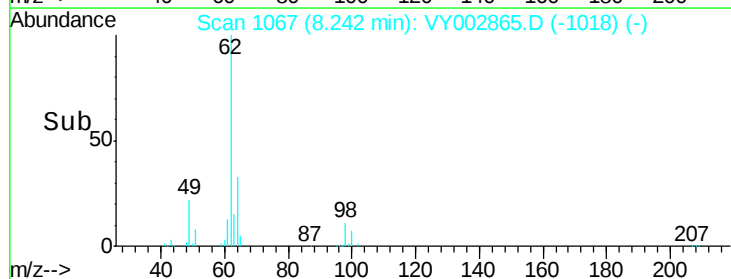
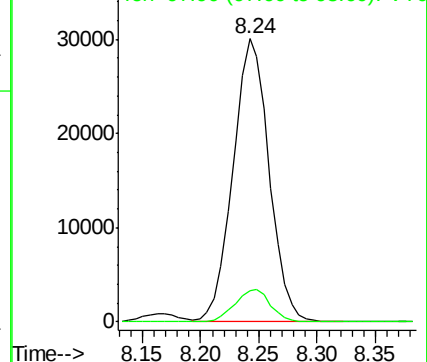


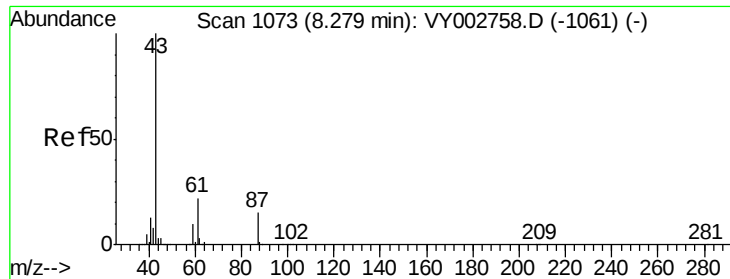
#42
1,2-Dichloroethane
Concen: 21.798 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 62 Resp: 64896
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 22.217 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

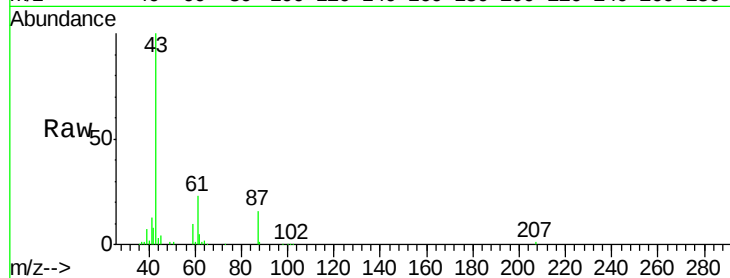
Tot Ion: 43 Resp: 82351

Ion Ratio Lower Upper

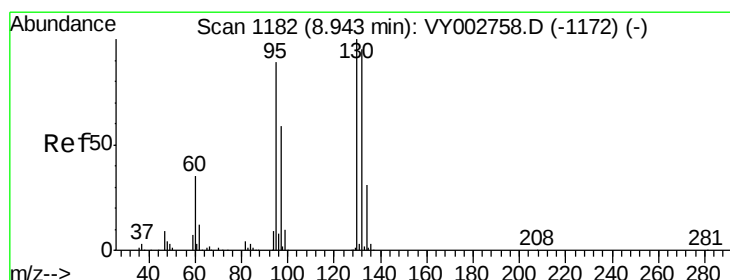
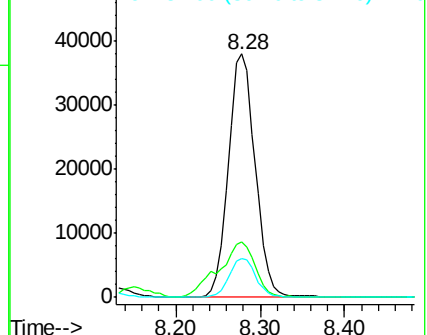
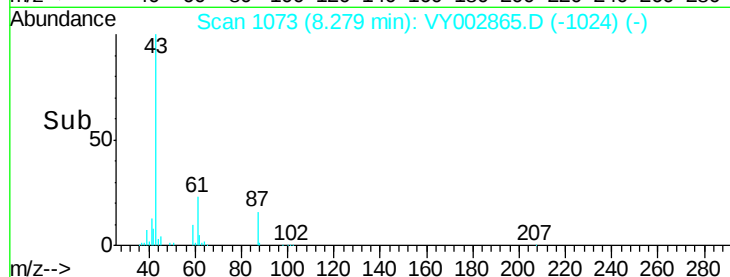
43 100

61 31.4 24.8 37.2

87 15.9 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002865.D (-1024) (-)



#44

Trichloroethene

Concen: 21.128 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002865.D

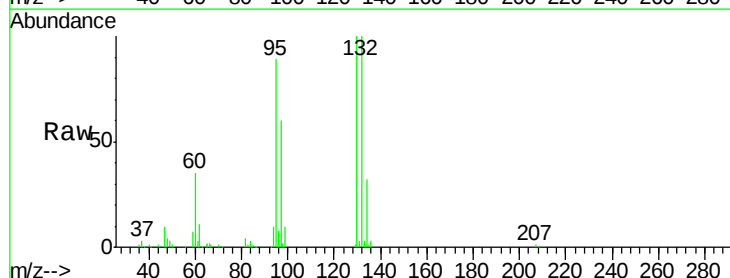
Acq: 09 Jun 2020 11:46

Tgt Ion: 130 Resp: 70894

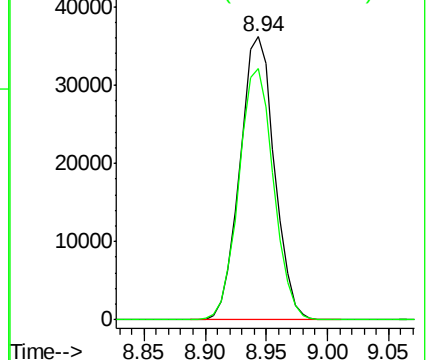
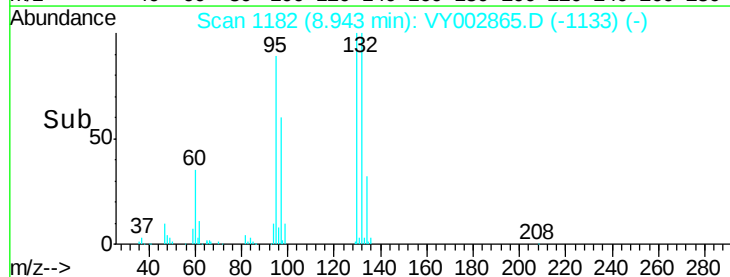
Ion Ratio Lower Upper

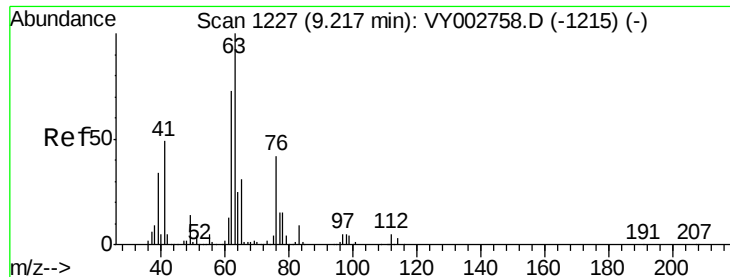
130 100

95 88.6 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002865.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 21.345 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

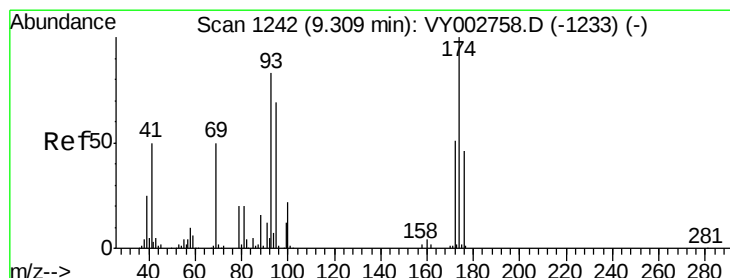
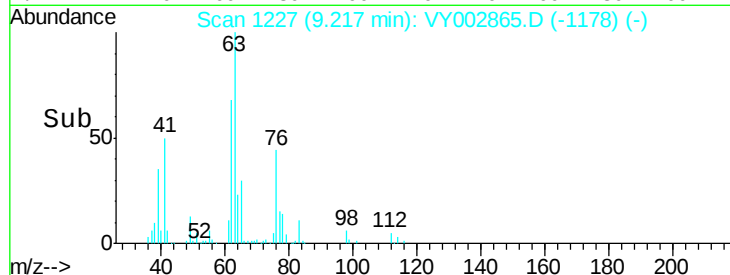
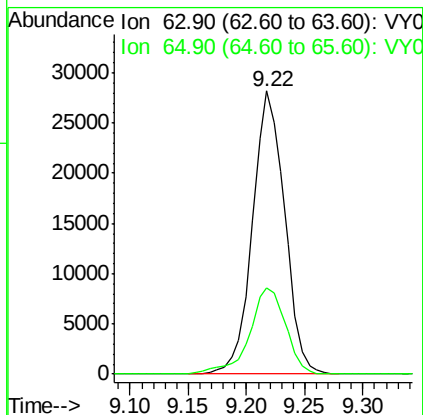
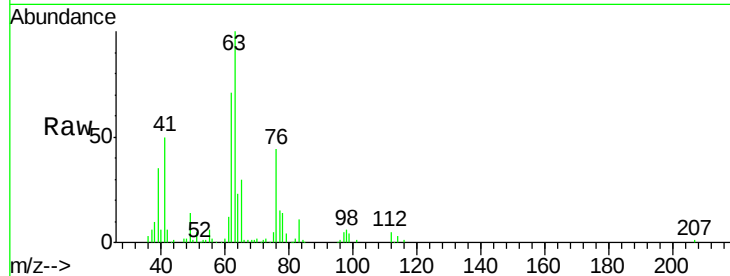
VY0609SBS01

Tot Ion: 63 Resp: 54375

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



#46

Dibromomethane

Concen: 21.921 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

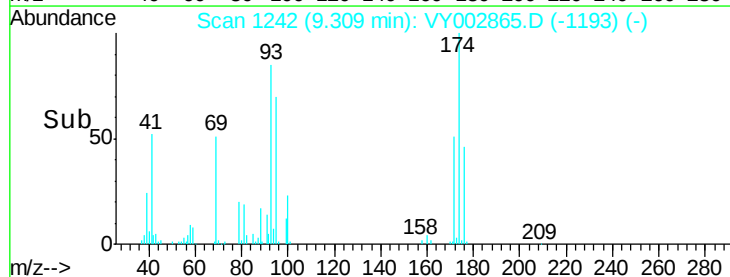
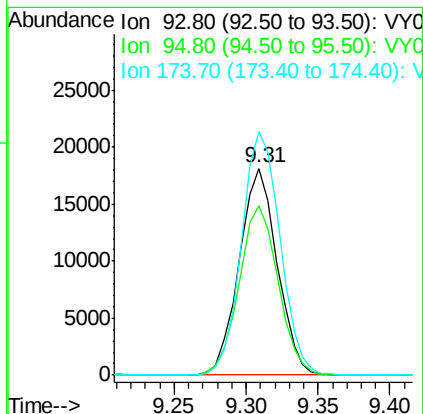
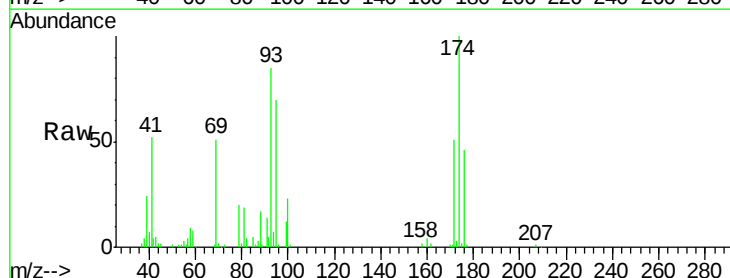
Tgt Ion: 93 Resp: 33165

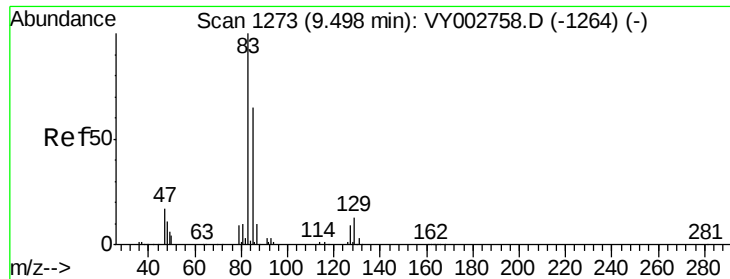
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 119.6 97.7 146.5





#47

Bromodichloromethane

Concen: 21.761 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

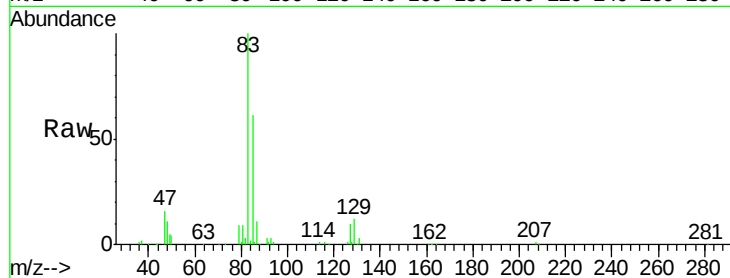
Tot Ion: 83 Resp: 77614

Ion Ratio Lower Upper

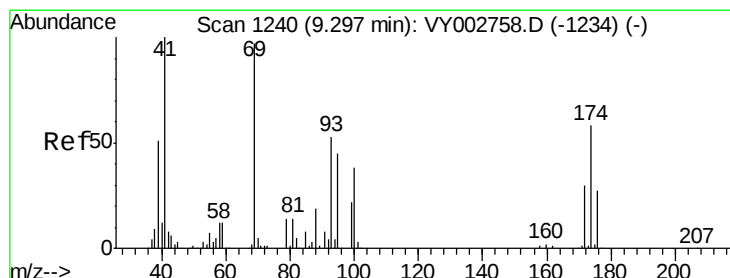
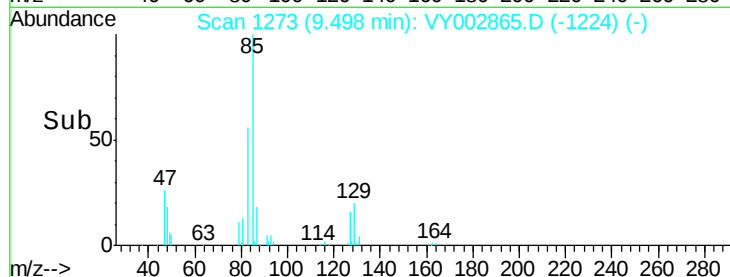
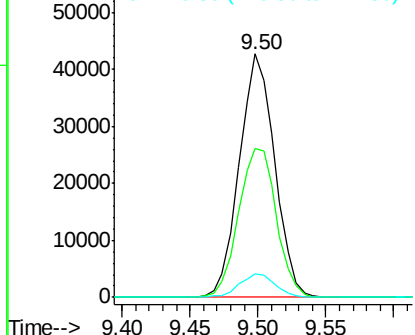
83 100

85 61.2 51.9 77.9

127 9.8 7.1 10.7



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: 21.313 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

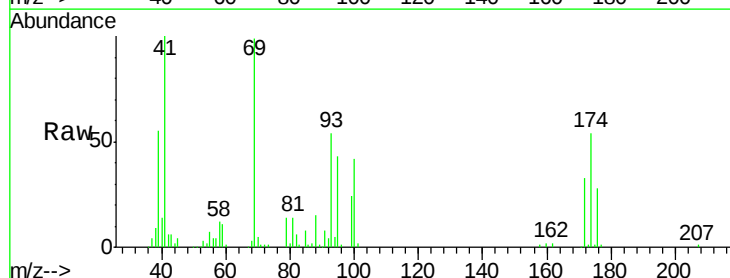
Tgt Ion: 41 Resp: 35664

Ion Ratio Lower Upper

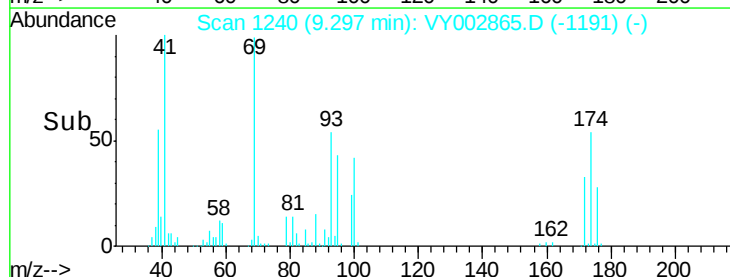
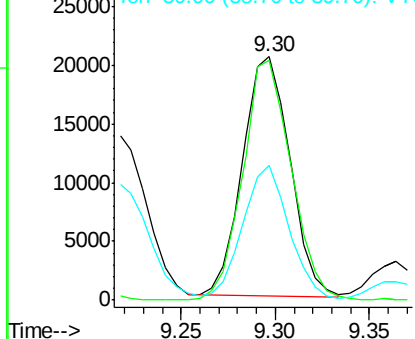
41 100

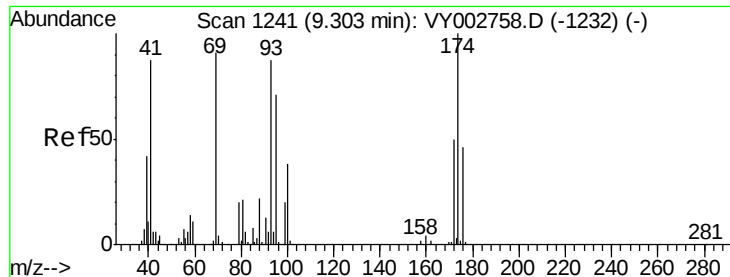
69 102.2 79.7 119.5

39 53.1 43.3 64.9



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

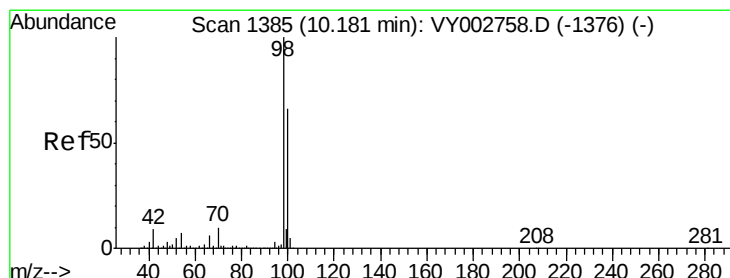
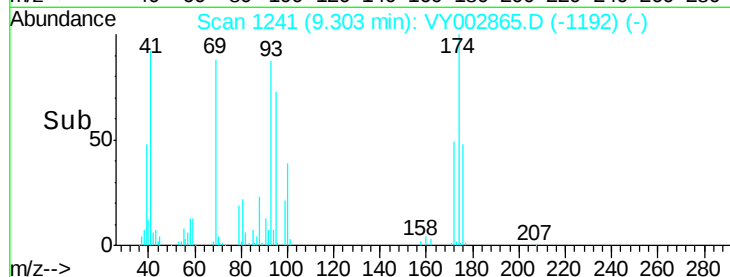
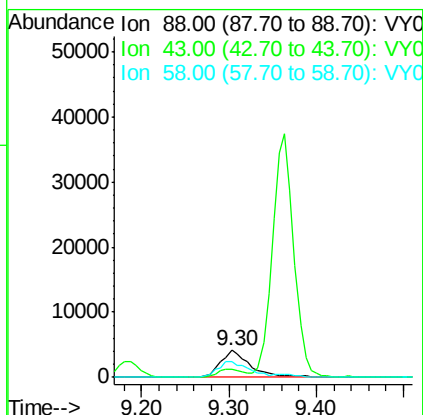
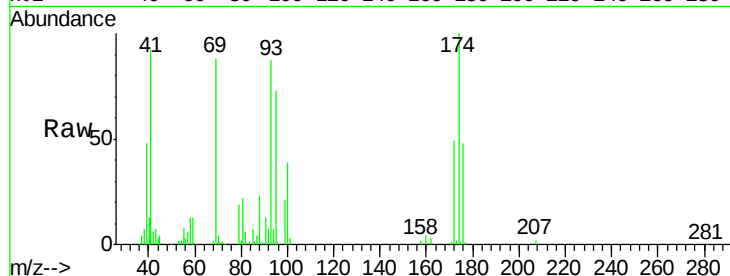




#49
1,4-Dioxane
Concen: 421.946 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

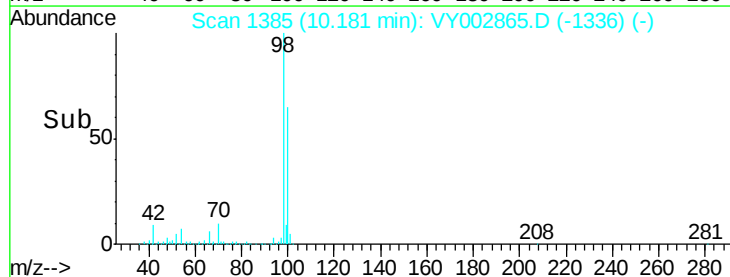
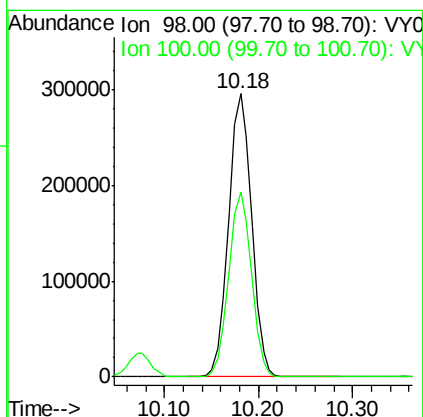
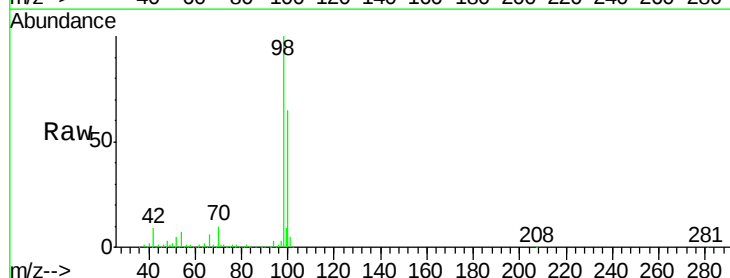
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

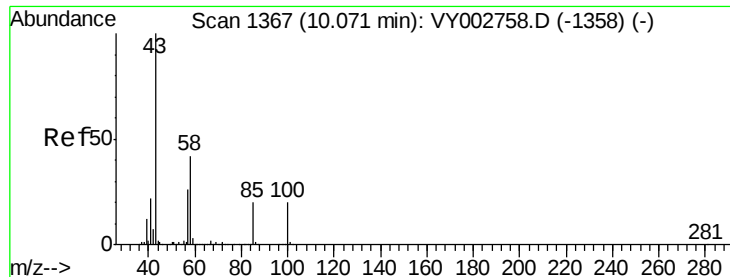
Tot Ion: 88 Resp: 9802
Ion Ratio Lower Upper
88 100
43 29.3 21.3 31.9
58 62.3 52.2 78.2



#50
Toluene-d8
Concen: 49.677 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 98 Resp: 502380
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 111.145 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

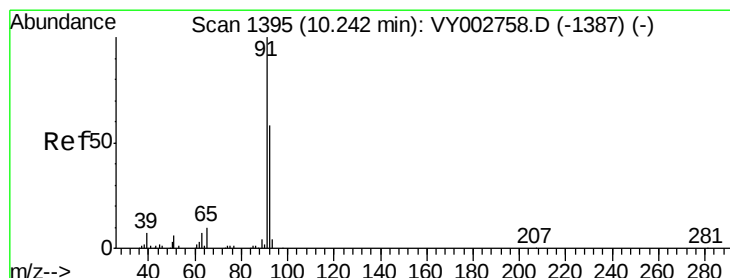
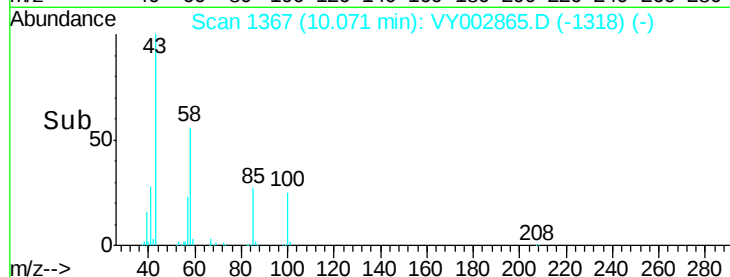
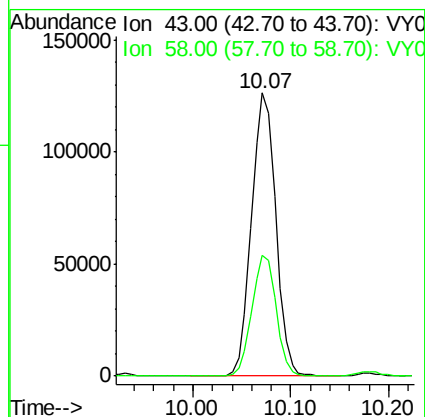
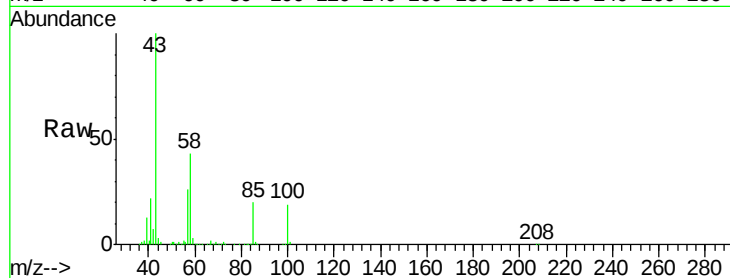
VY0609SBS01

Tot Ion: 43 Resp: 218155

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



#52

Toluene

Concen: 21.418 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002865.D

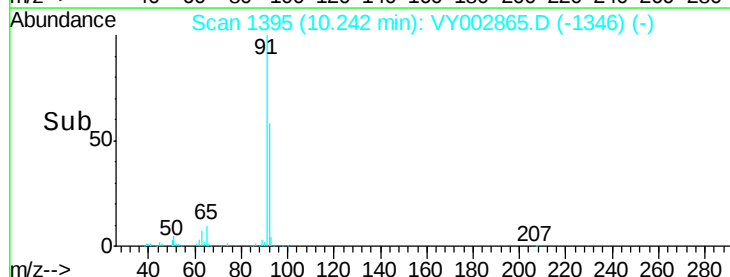
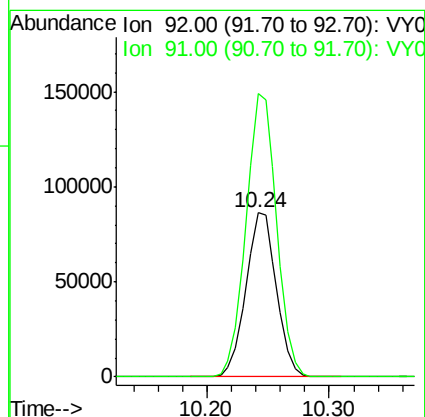
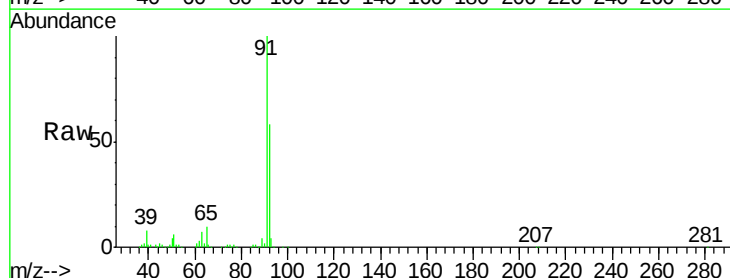
Acq: 09 Jun 2020 11:46

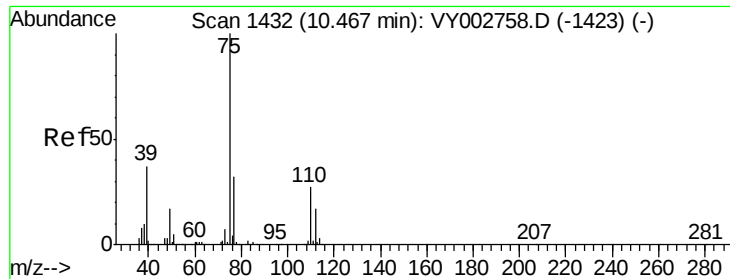
Tgt Ion: 92 Resp: 148843

Ion Ratio Lower Upper

92 100

91 173.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 22.209 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

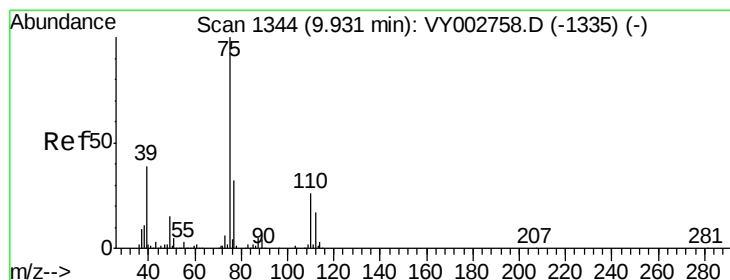
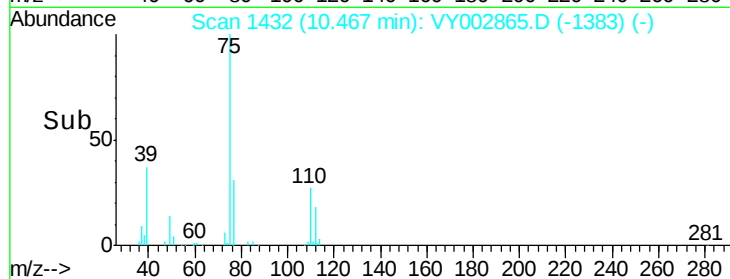
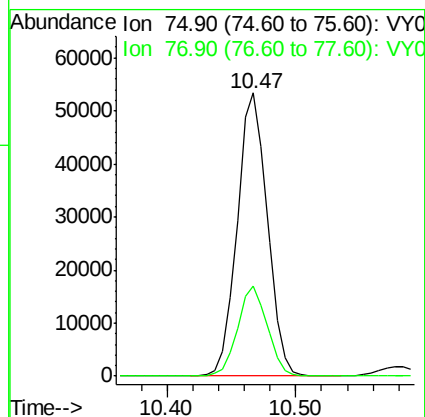
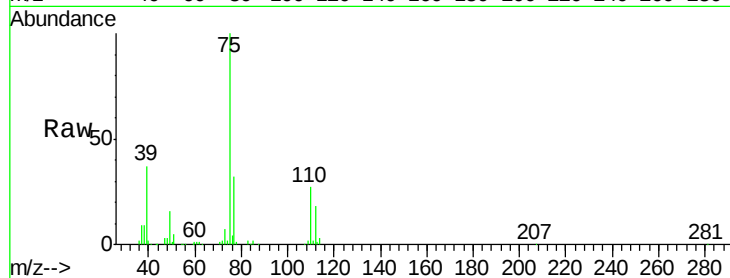
VY0609SBS01

Tot Ion: 75 Resp: 86518

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.957 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

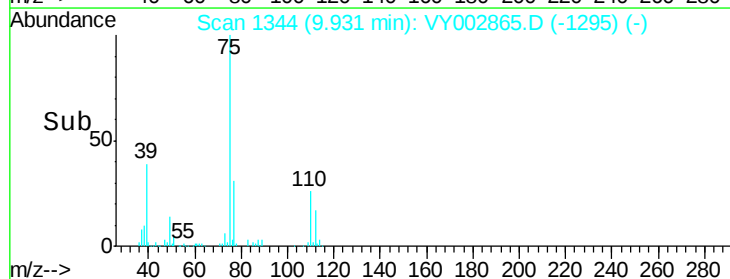
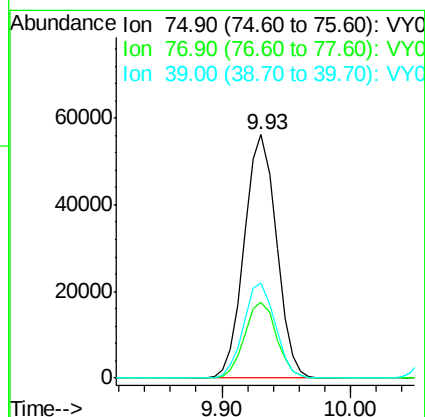
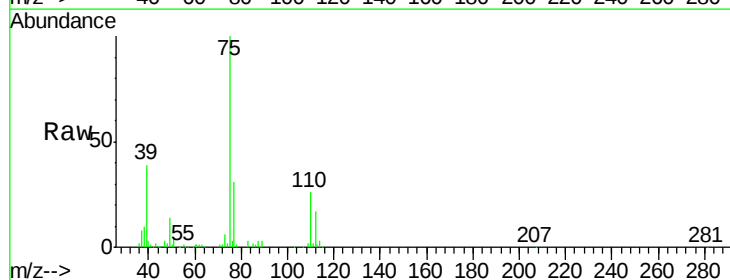
Tgt Ion: 75 Resp: 96923

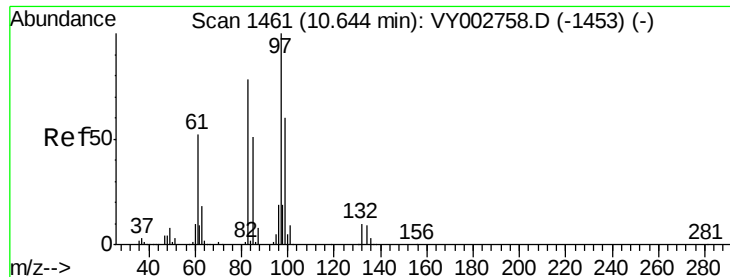
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 39.2 31.3 46.9

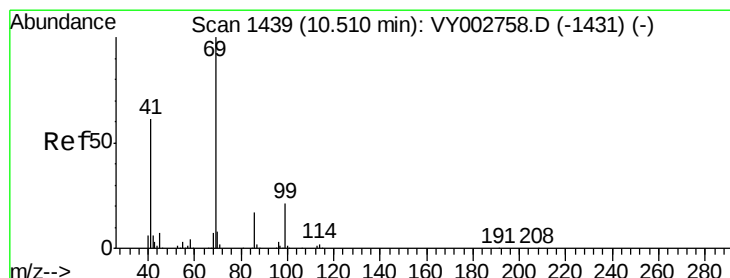
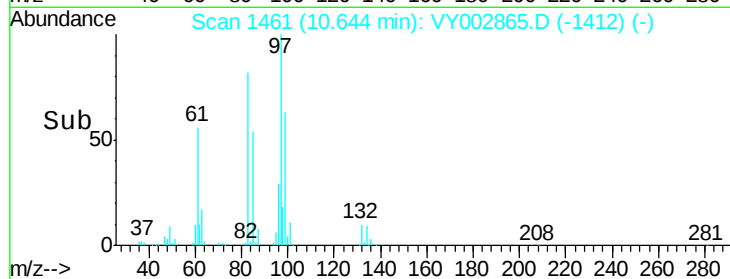
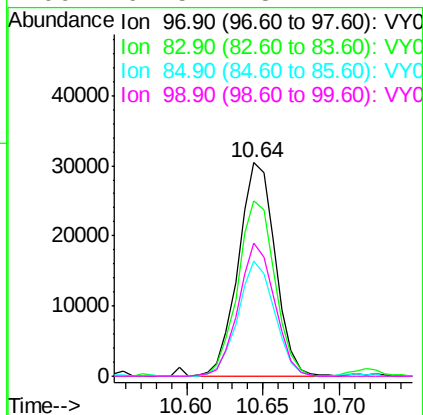
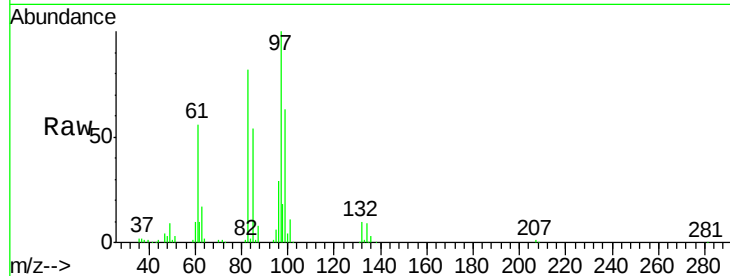




#55
 1,1,2-Trichloroethane
 Concen: 22.035 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

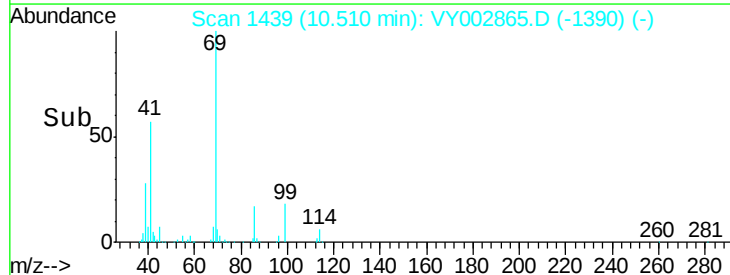
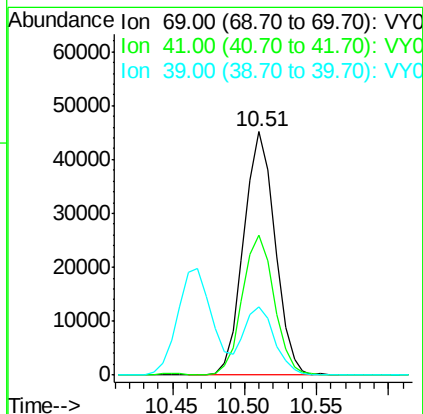
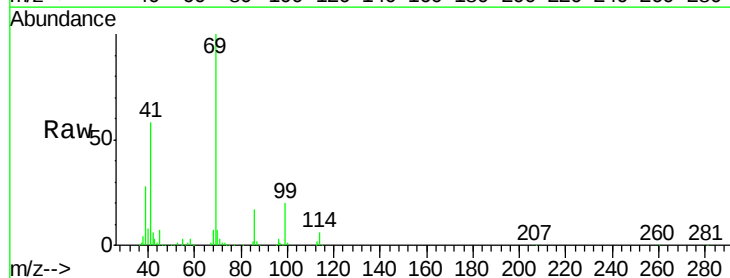
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Tot Ion:	97	Resp:	51039
Ion	Ratio	Lower	Upper
97	100		
83	82.1	62.7	94.1
85	53.8	40.6	60.8
99	62.5	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.980 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion:	69	Resp:	68191
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.0	70.4
39	26.6	22.0	33.0





#57

1,3-Dichloropropane

Concen: 22.342 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

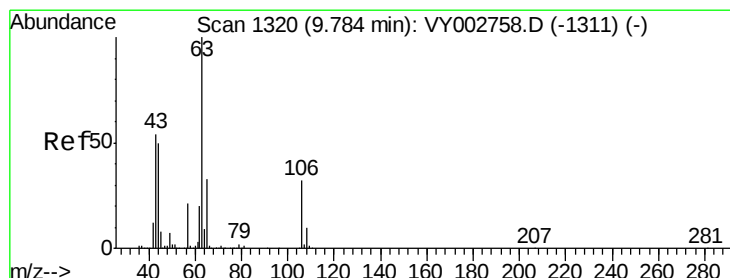
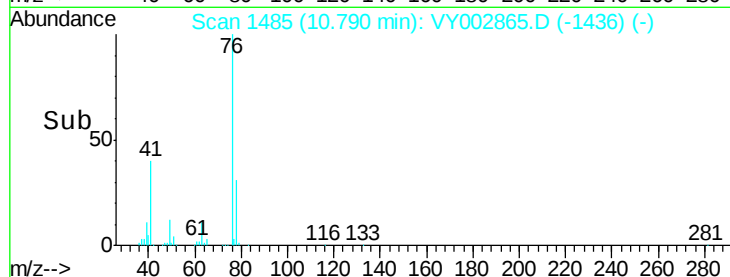
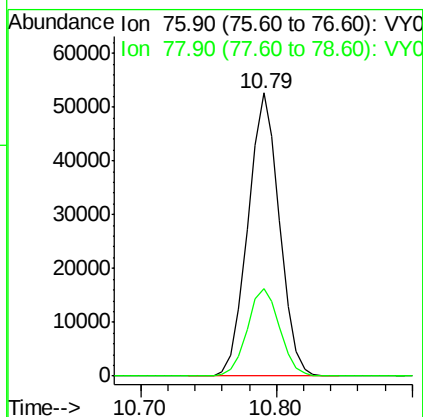
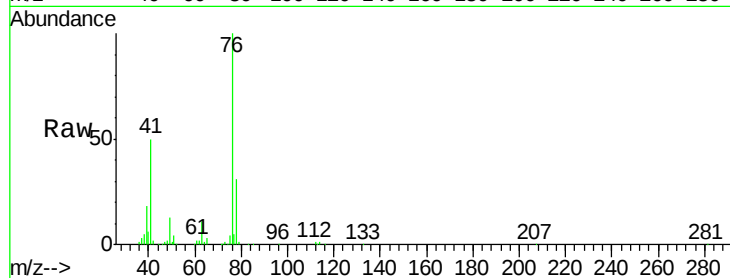
VY0609SBS01

Tot Ion: 76 Resp: 85116

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 113.395 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002865.D

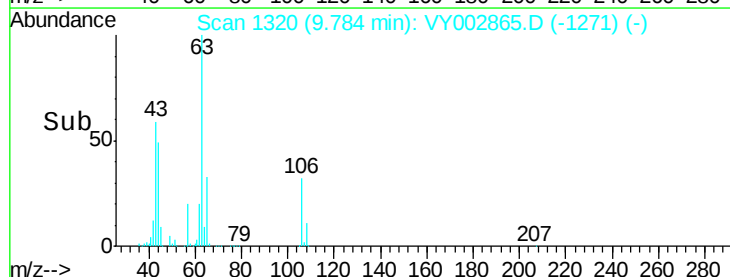
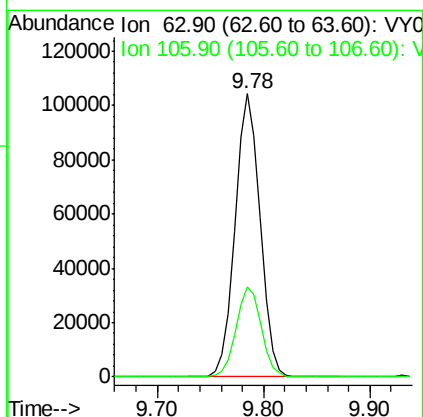
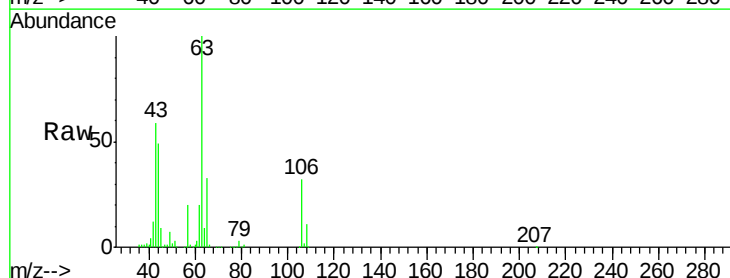
Acq: 09 Jun 2020 11:46

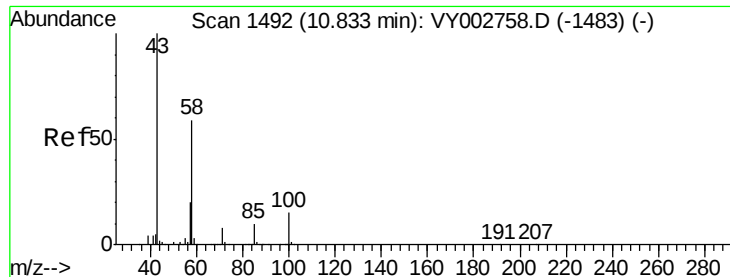
Tgt Ion: 63 Resp: 171897

Ion Ratio Lower Upper

63 100

106 31.8 25.4 38.2

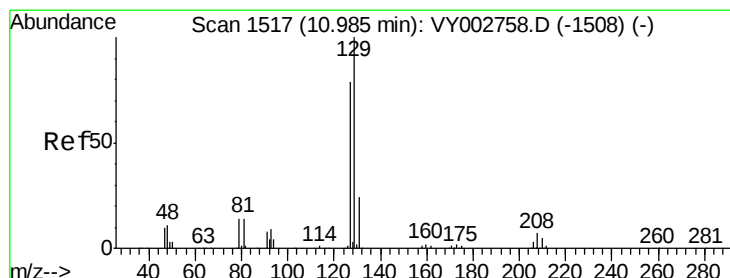
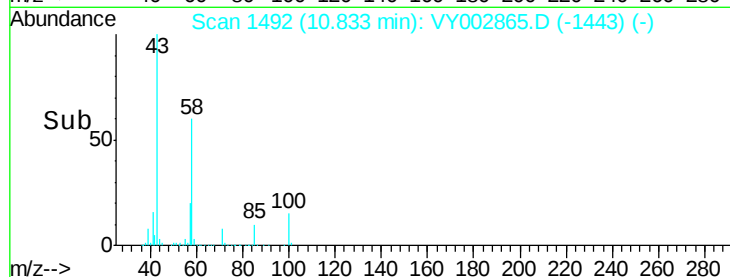
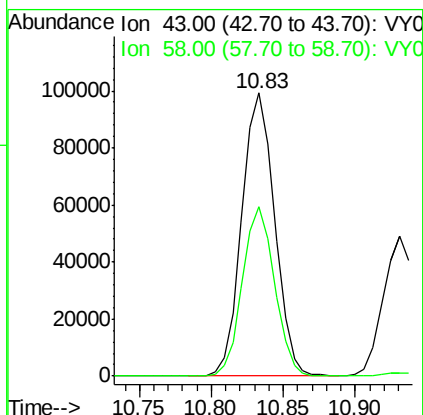
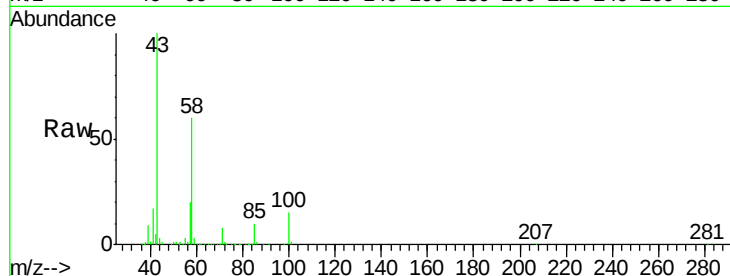




#59
2-Hexanone
Concen: 112.736 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

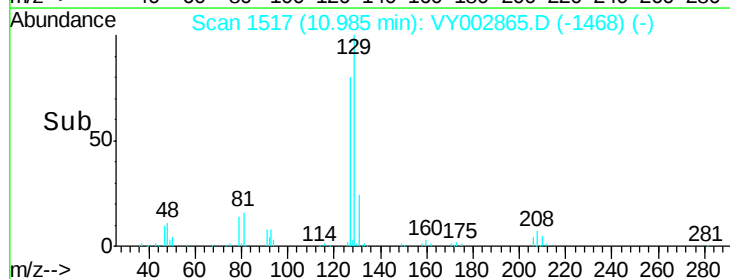
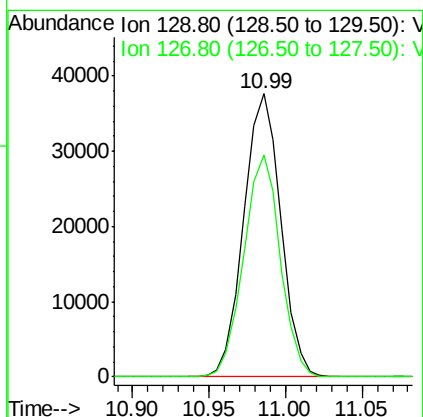
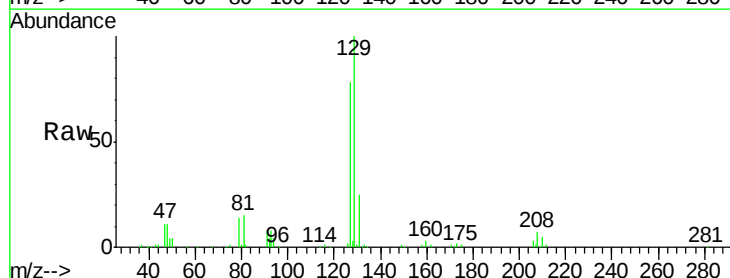
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBSD01

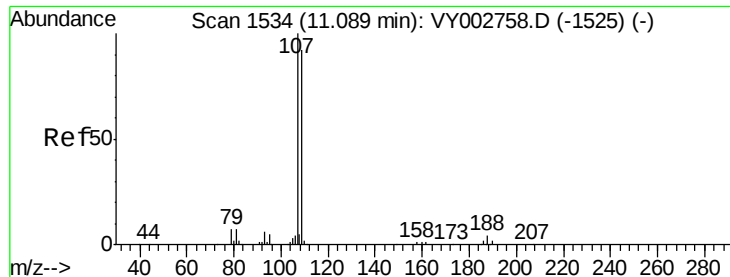
Tot Ion: 43 Resp: 157002
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.5



#60
Dibromochloromethane
Concen: 21.598 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 129 Resp: 63423
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

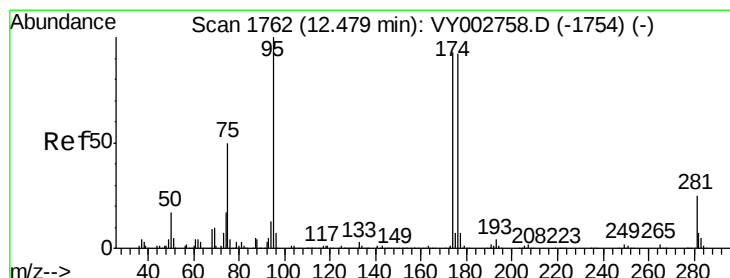
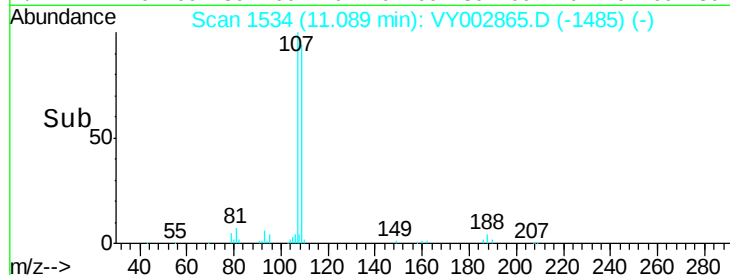
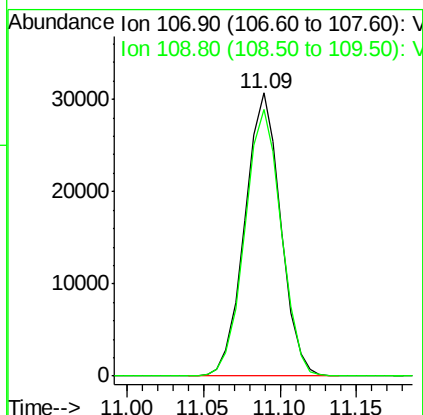
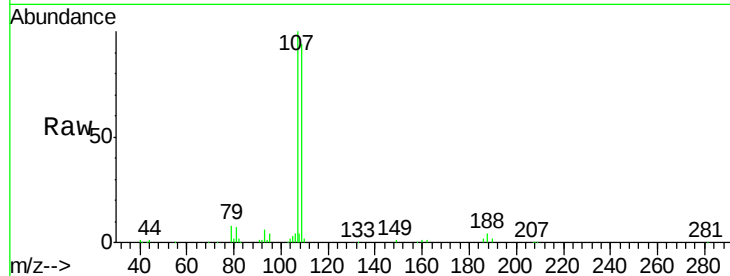




#61
 1,2-Dibromoethane
 Concen: 21.829 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

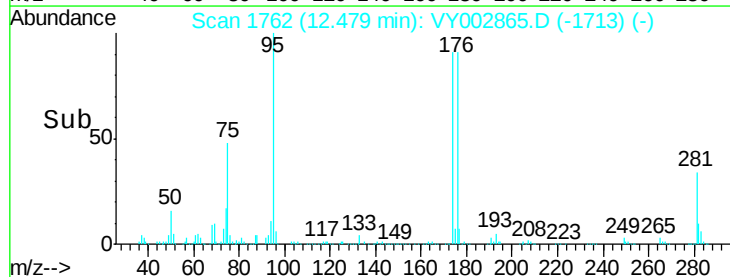
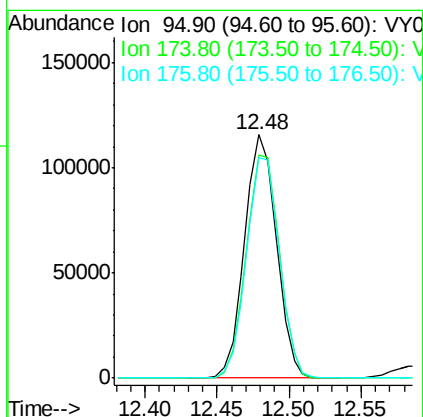
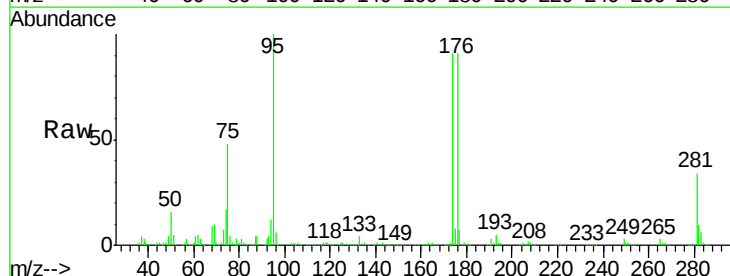
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

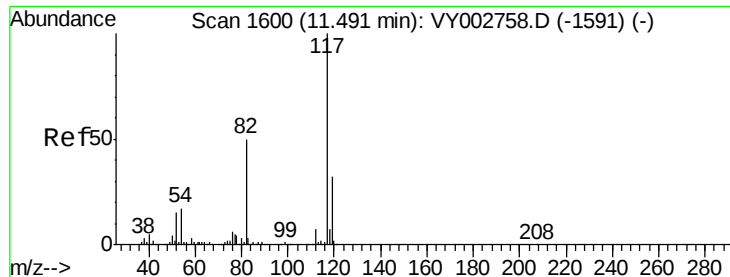
Tot Ion:107 Resp: 49875
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.162 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 95 Resp: 176823
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 191.2
 176 93.8 0.0 188.8

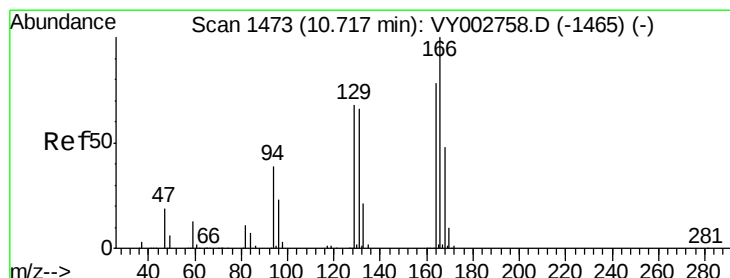
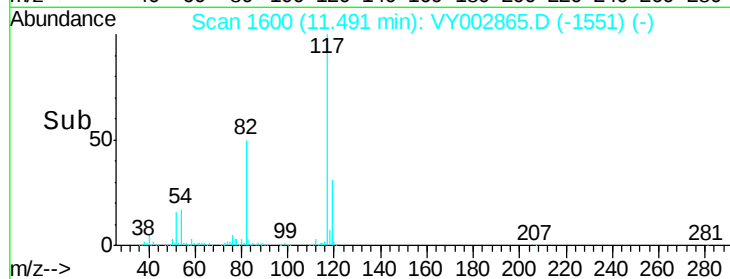
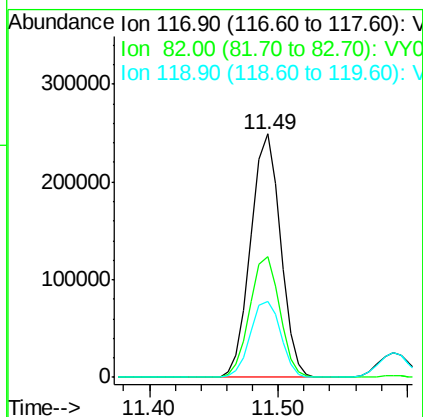
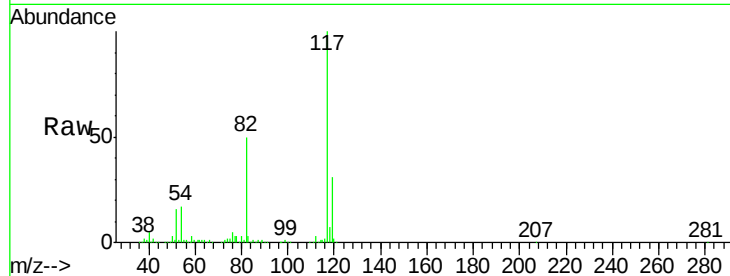




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

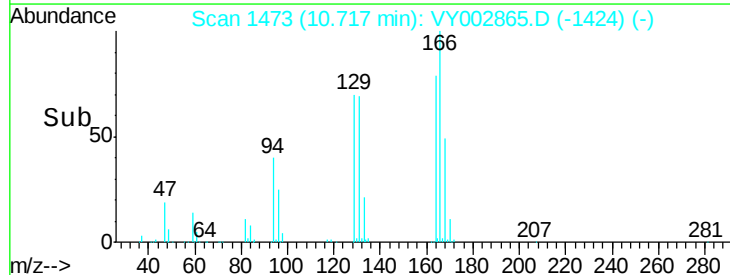
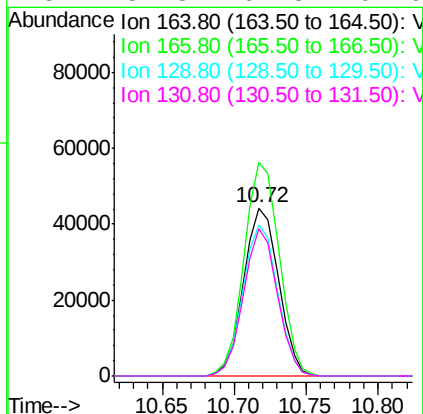
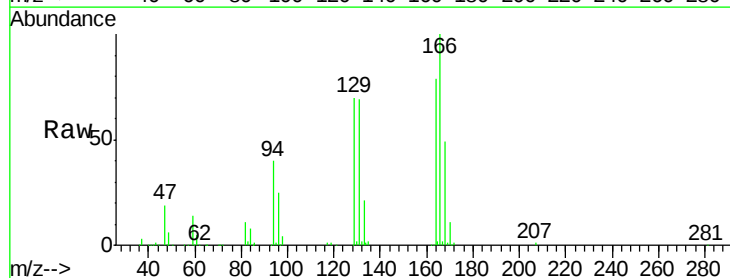
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

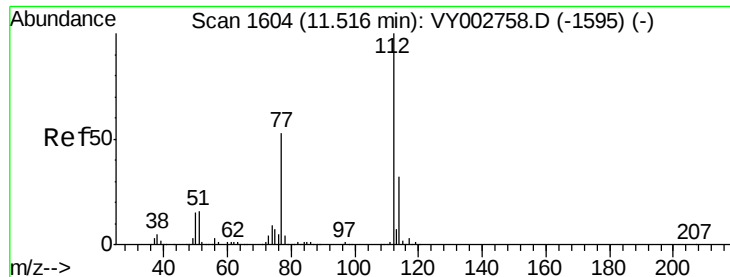
Tot Ion:117 Resp: 397807
Ion Ratio Lower Upper
117 100
82 49.5 40.2 60.4
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 20.536 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion:164 Resp: 74248
Ion Ratio Lower Upper
164 100
166 127.3 102.3 153.5
129 89.7 69.4 104.2
131 87.8 67.8 101.6

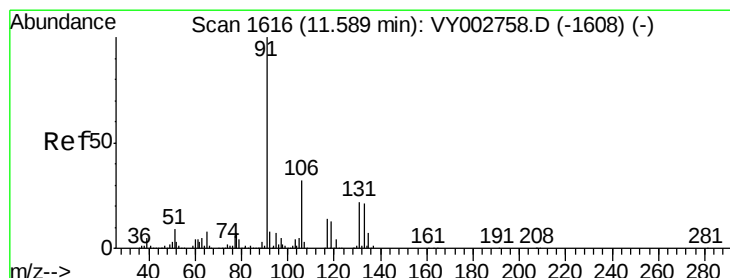
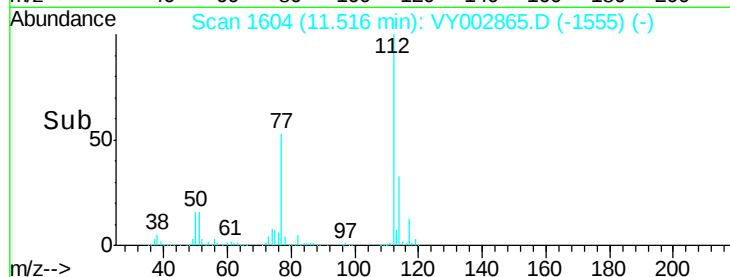
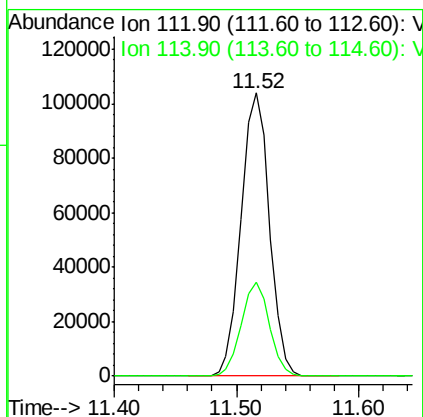
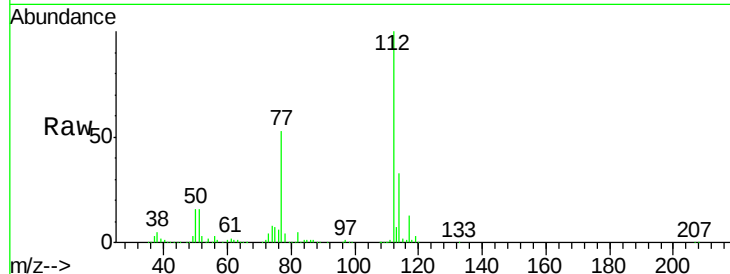




#65
Chlorobenzene
Concen: 21.198 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

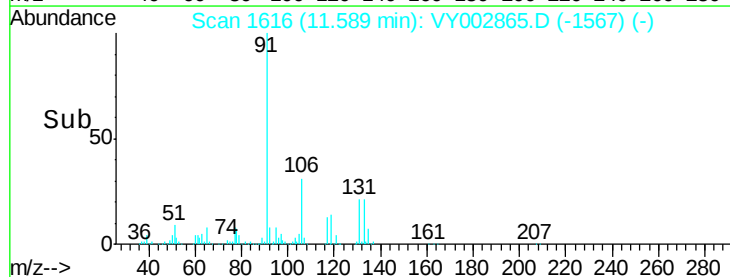
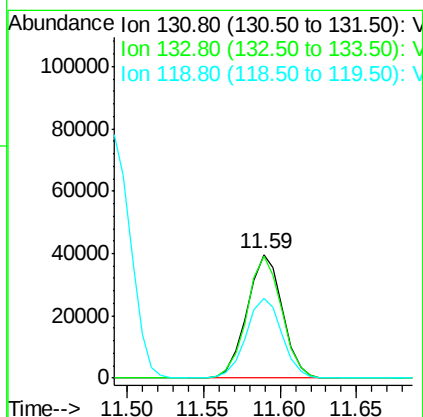
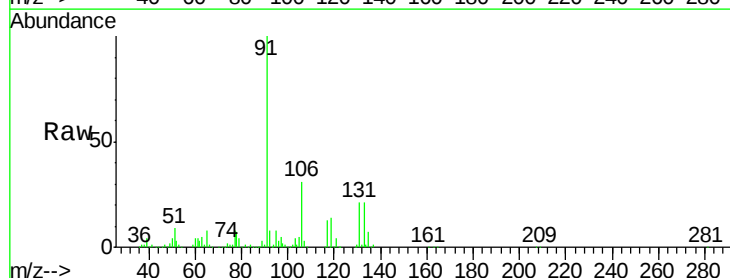
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

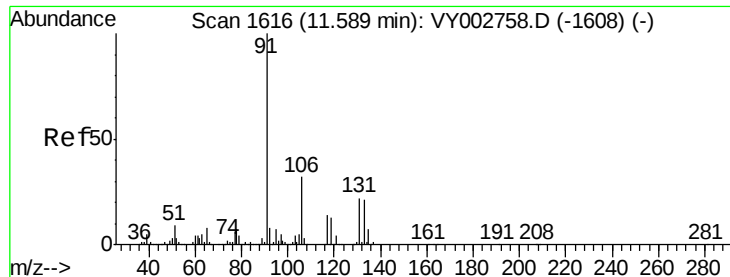
Tot Ion:112 Resp: 166676
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.520 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion:131 Resp: 63727
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.8
119 64.8 31.7 95.1





#67

Ethyl Benzene

Concen: 21.400 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

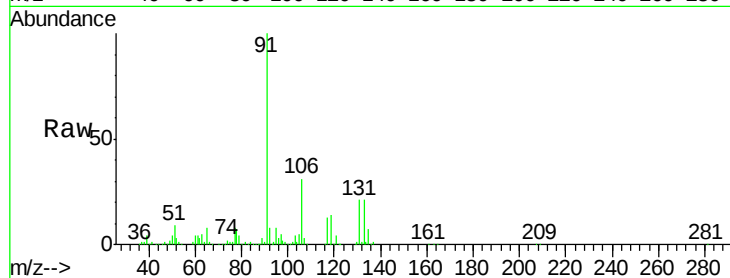
VY0609SBS01

Tot Ion: 91 Resp: 291702

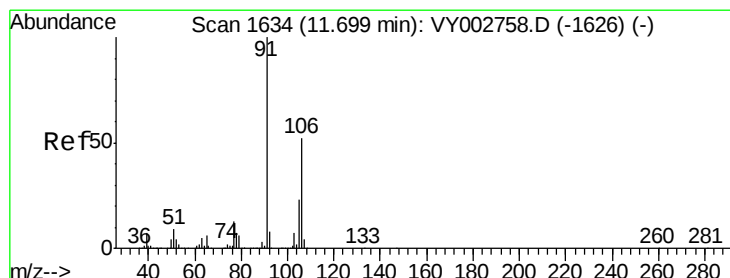
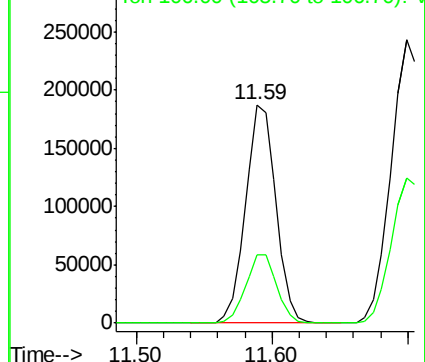
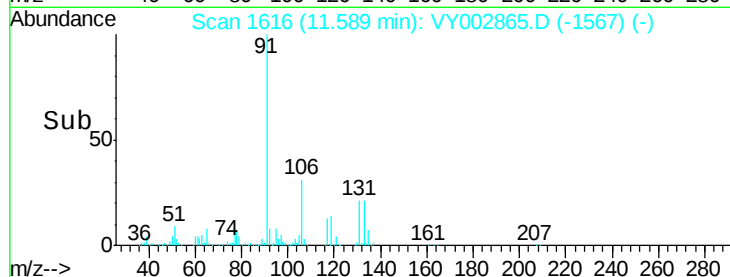
Ion Ratio Lower Upper

91 100

106 31.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002865.D (-1567) (-)



#68

m/p-Xylenes

Concen: 43.311 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002865.D

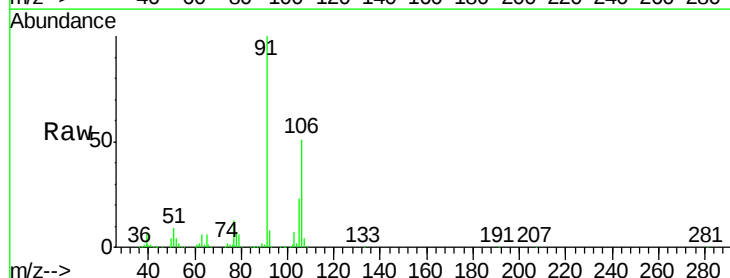
Acq: 09 Jun 2020 11:46

Tgt Ion: 106 Resp: 228894

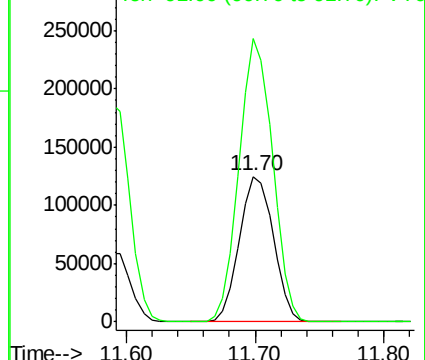
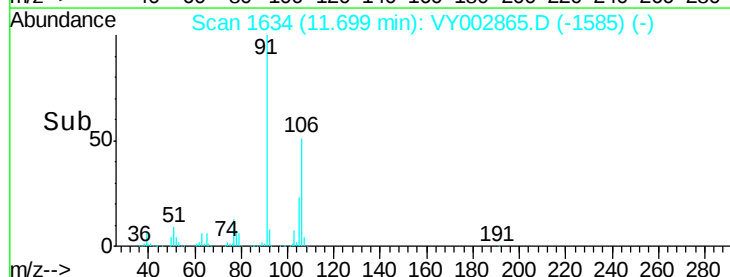
Ion Ratio Lower Upper

106 100

91 191.9 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002865.D (-1585) (-)

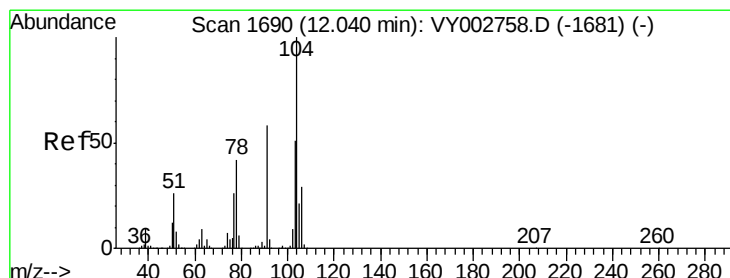
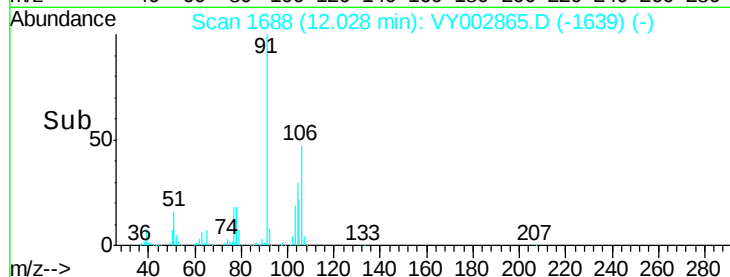
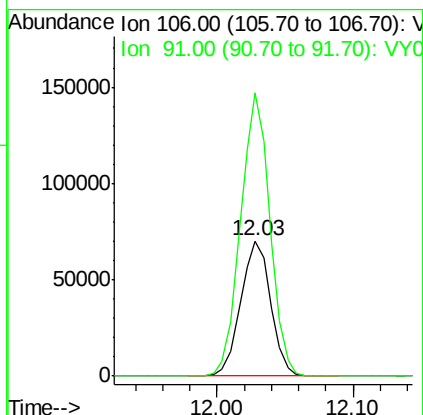
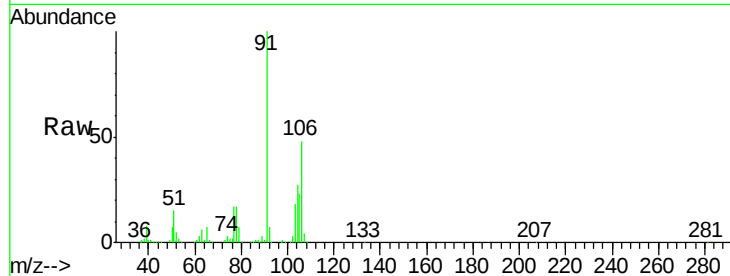




#69
o-Xylene
Concen: 21.527 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

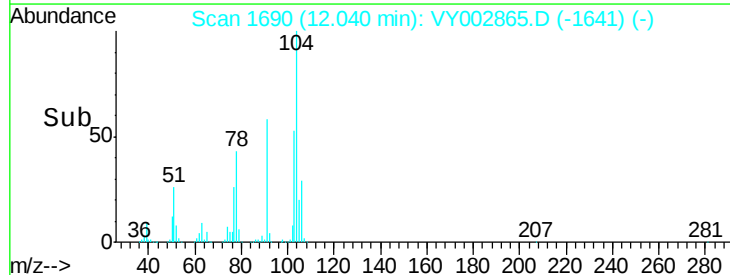
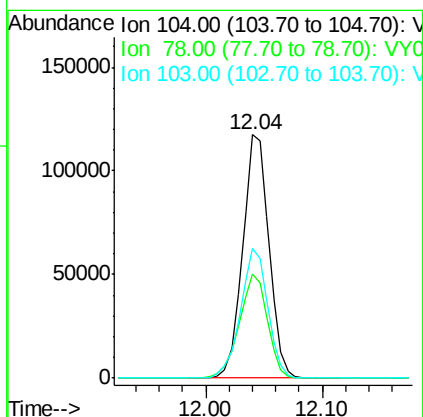
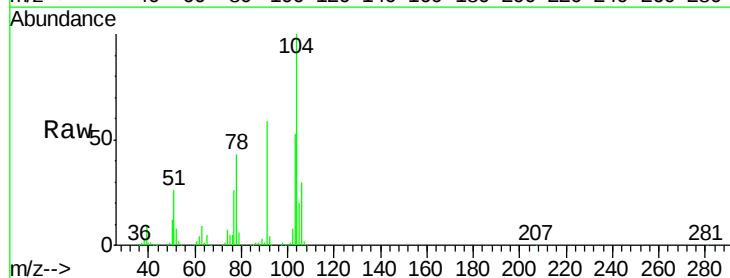
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

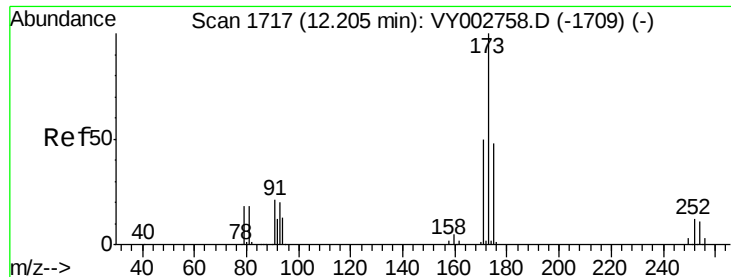
Tot Ion:106 Resp: 107400
Ion Ratio Lower Upper
106 100
91 205.2 102.4 307.1



#70
Styrene
Concen: 21.337 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion:104 Resp: 184545
Ion Ratio Lower Upper
104 100
78 46.0 36.2 54.4
103 55.5 43.6 65.4

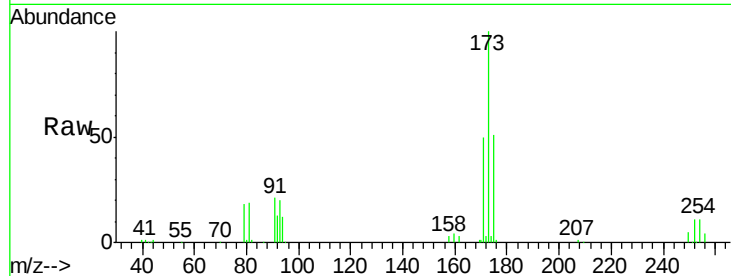




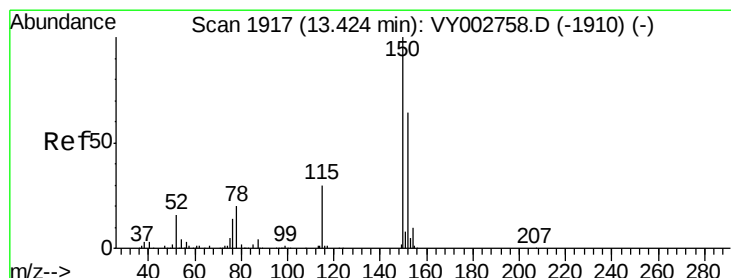
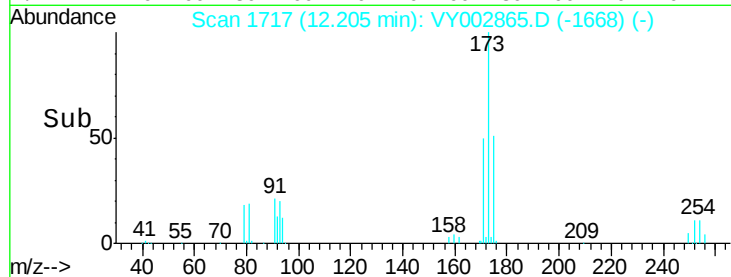
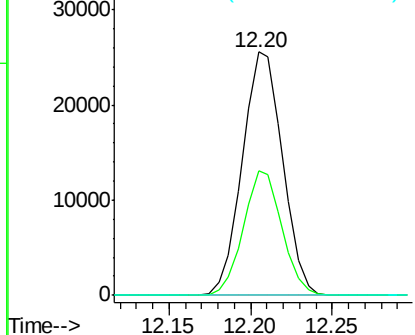
#71
Bromoform
Concen: 22.082 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion:173 Resp: 43754
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.0 0.1 0.1#

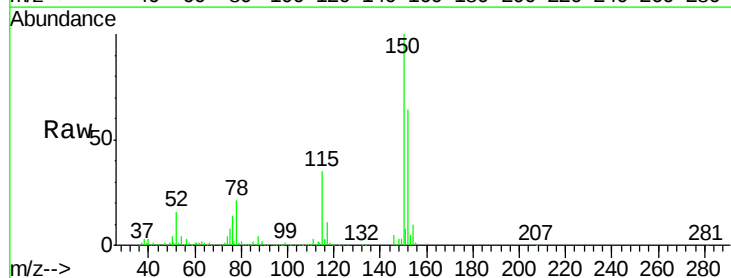


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

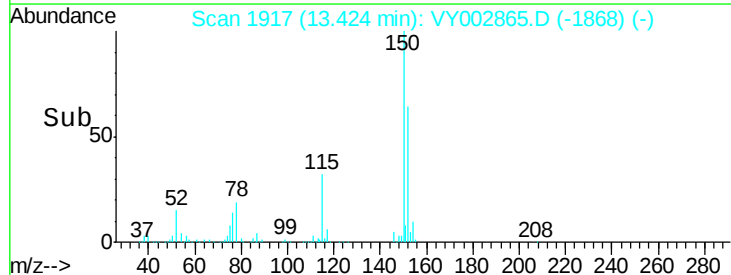
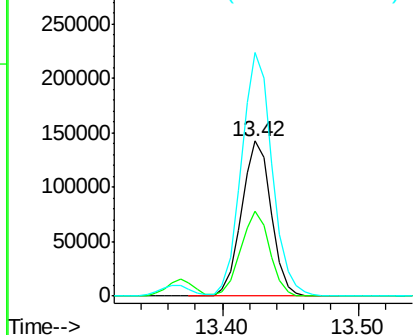


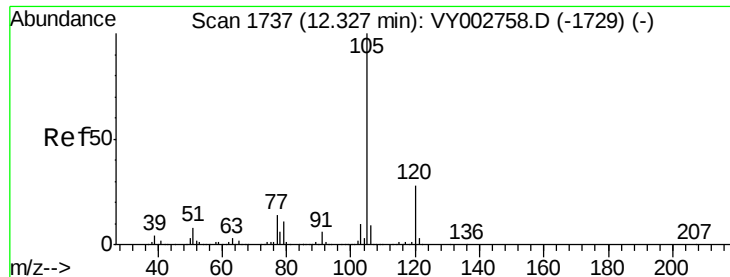
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion:152 Resp: 216680
Ion Ratio Lower Upper
152 100
115 53.6 27.0 81.0
150 162.6 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.116 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

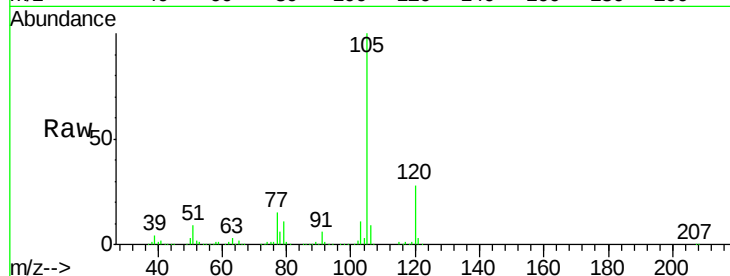
VY0609SBS01

Tot Ion:105 Resp: 293216

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

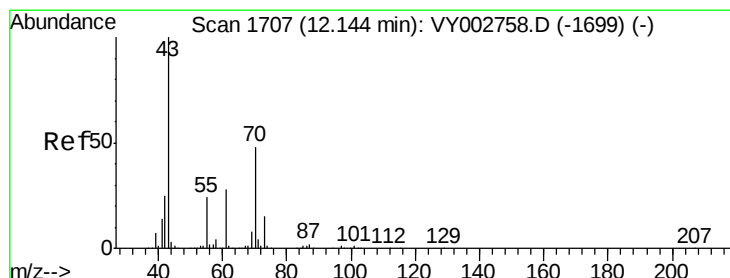
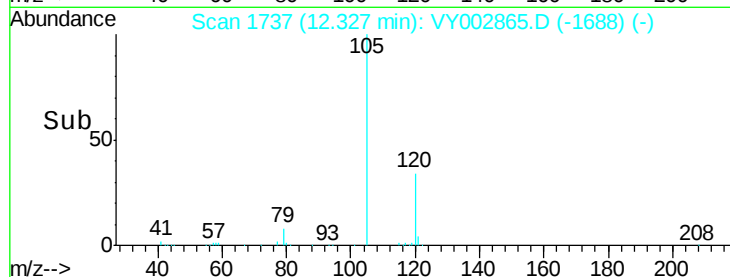
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.576 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Tgt Ion: 43 Resp: 76871

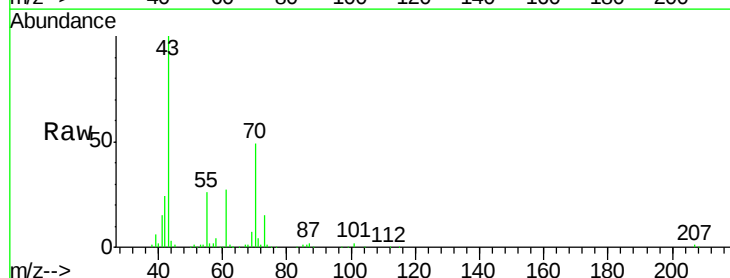
Ion Ratio Lower Upper

43 100

70 48.8 37.7 56.5

55 25.4 19.8 29.6

61 26.8 21.7 32.5



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

80000

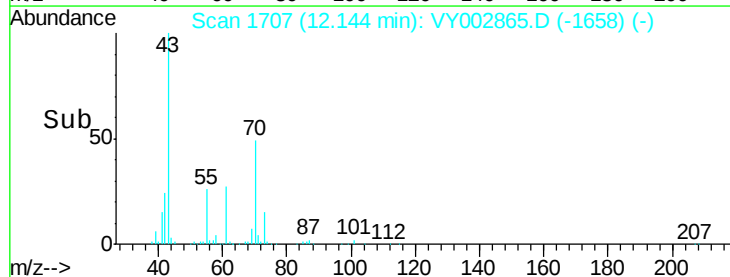
60000

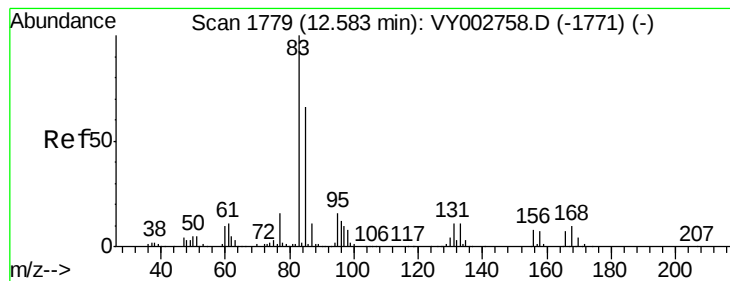
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.859 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

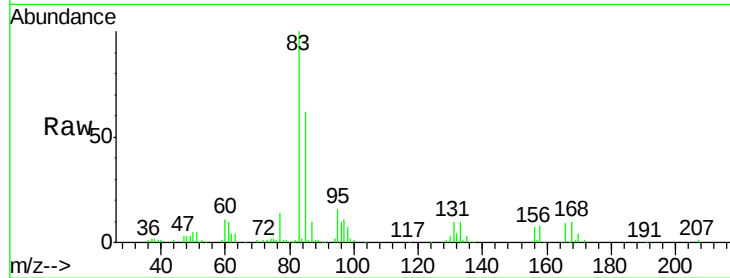
Tot Ion: 83 Resp: 55693

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.4

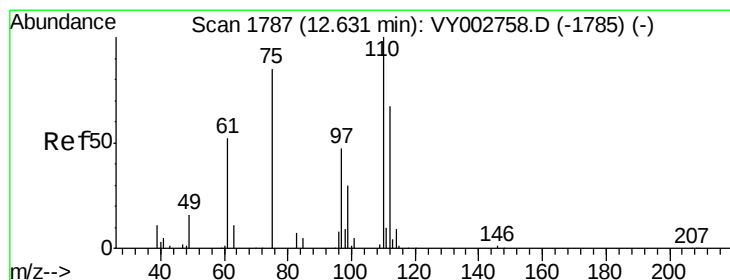
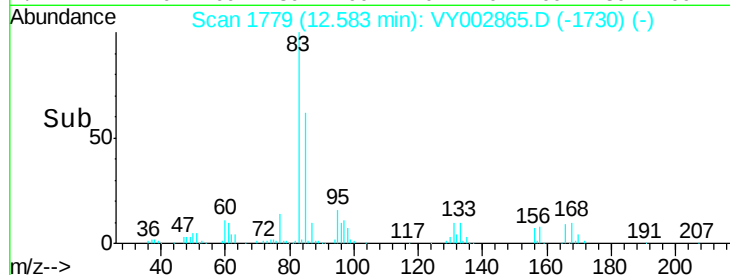
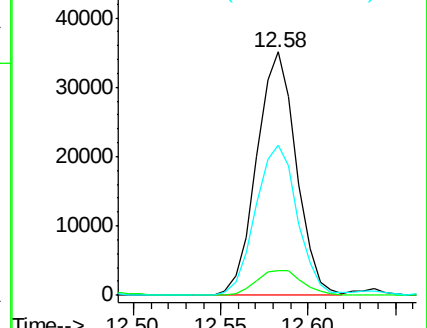
85 65.2 32.6 98.0



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: 40.755 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002865.D

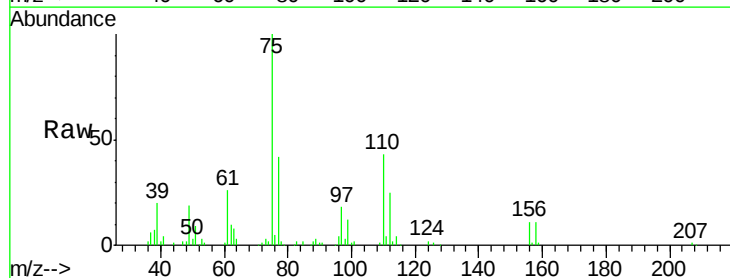
Acq: 09 Jun 2020 11:46

Tgt Ion: 75 Resp: 79572

Ion Ratio Lower Upper

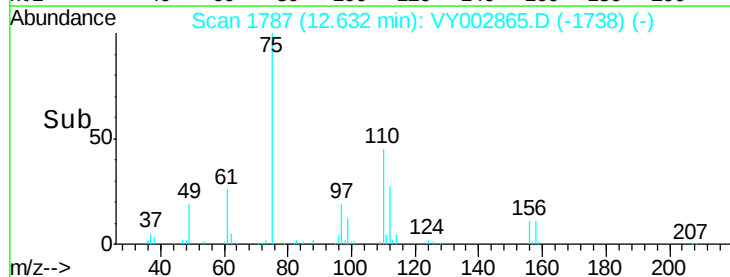
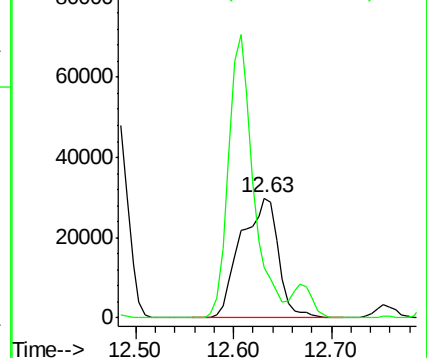
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.232 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

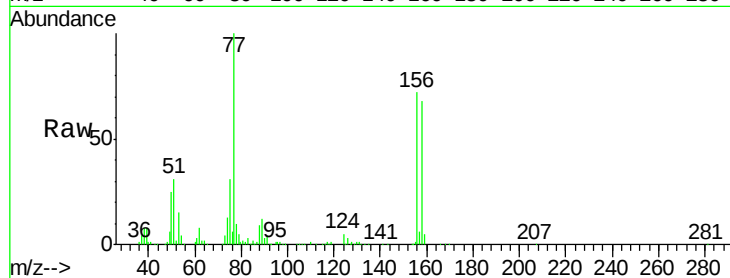
Tot Ion:156 Resp: 76767

Ion Ratio Lower Upper

156 100

77 162.1 81.4 244.2

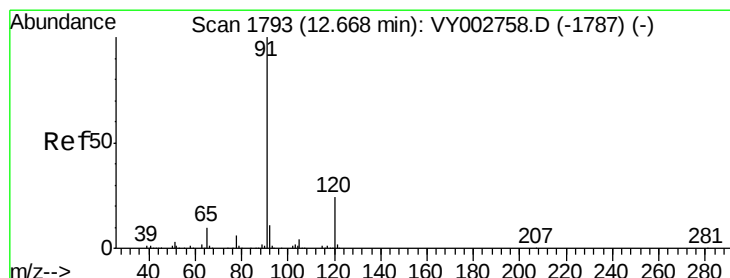
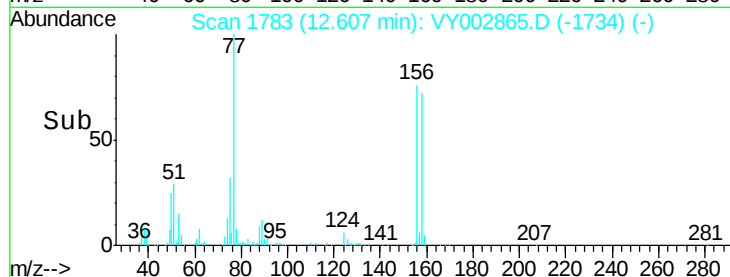
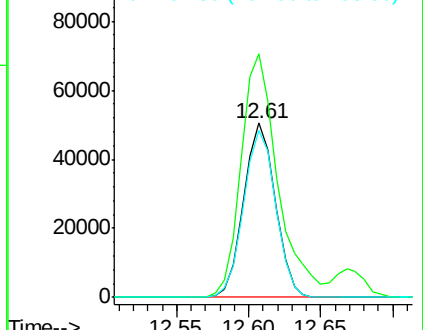
158 96.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.174 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002865.D

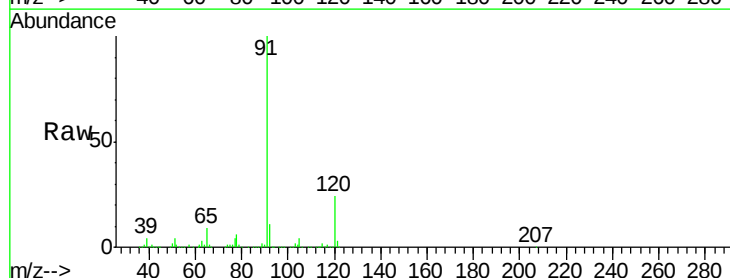
Acq: 09 Jun 2020 11:46

Tgt Ion: 91 Resp: 339625

Ion Ratio Lower Upper

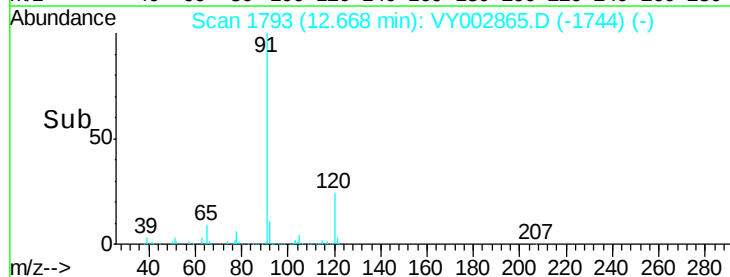
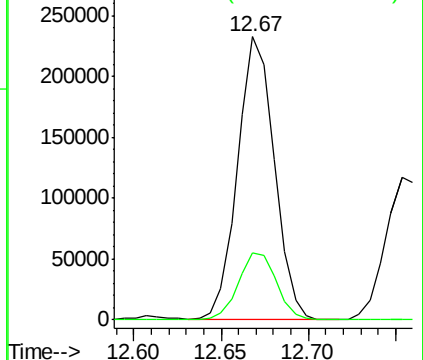
91 100

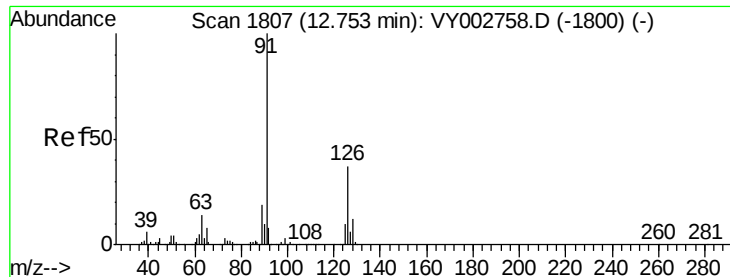
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

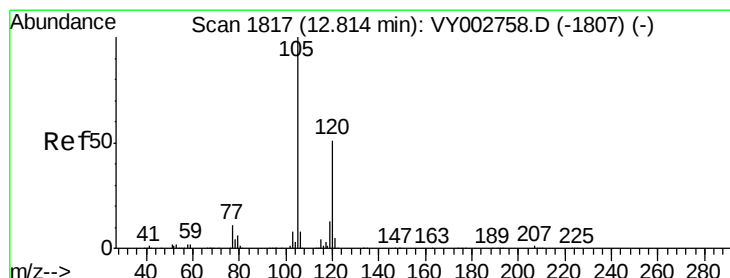
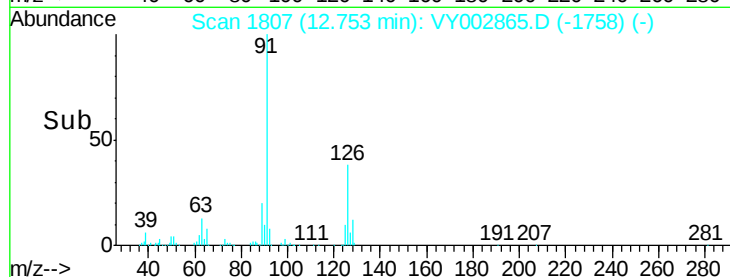
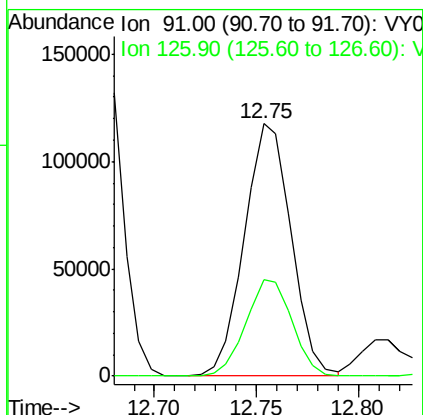
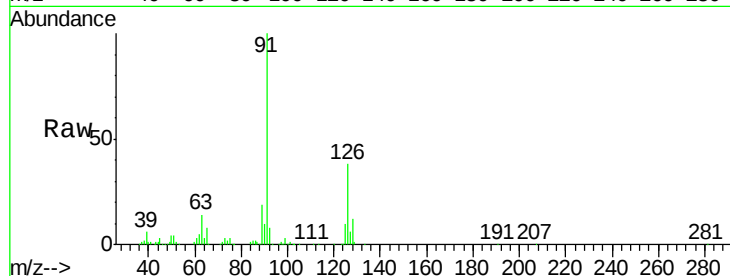




#79
 2-Chlorotoluene
 Concen: 20.854 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

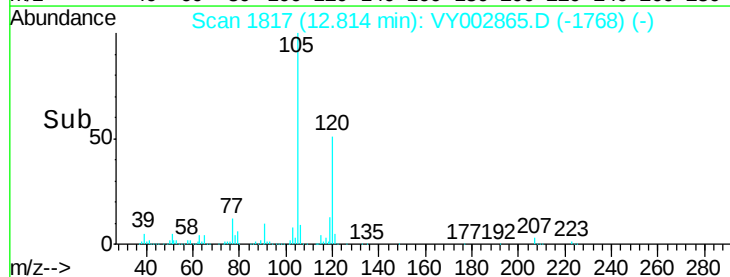
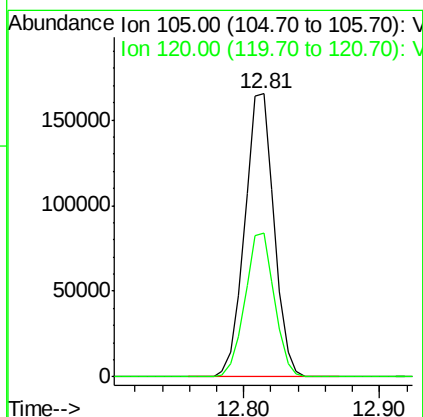
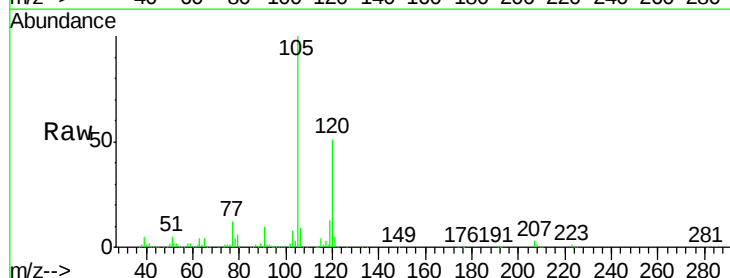
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBSD01

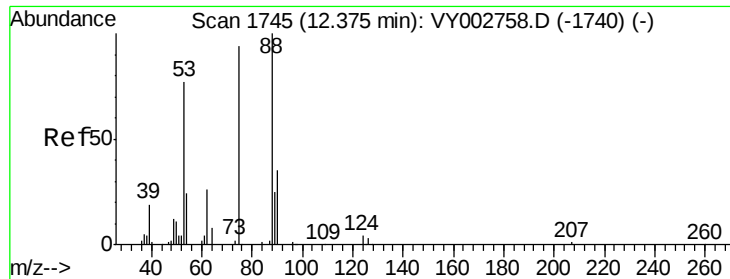
Tot Ion: 91 Resp: 187633
 Ion Ratio Lower Upper
 91 100
 126 37.8 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.468 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 105 Resp: 248903
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.772 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

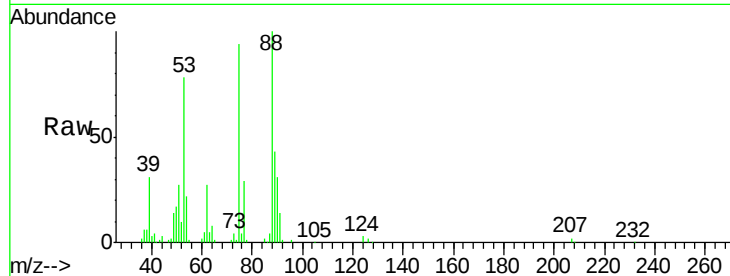
Tot Ion: 75 Resp: 22563

Ion Ratio Lower Upper

75 100

53 78.1 64.0 96.0

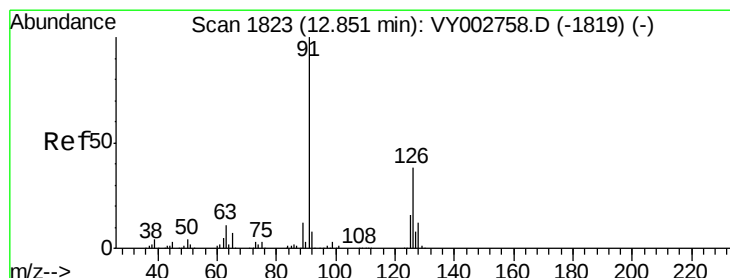
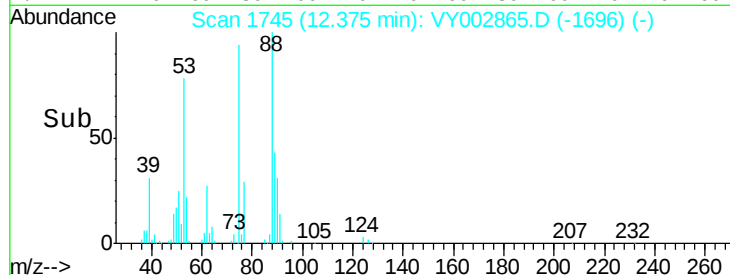
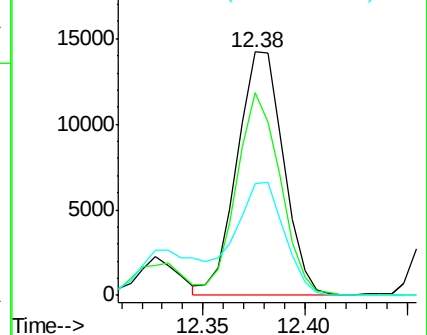
89 50.0 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.271 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002865.D

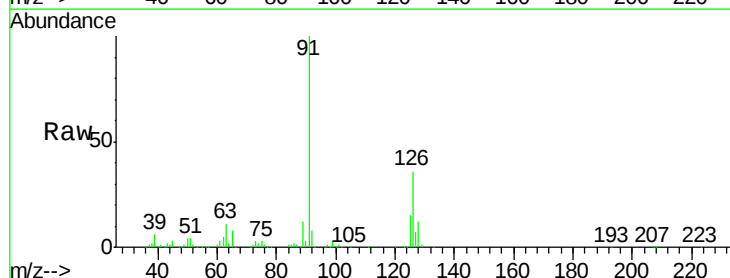
Acq: 09 Jun 2020 11:46

Tgt Ion: 91 Resp: 200514

Ion Ratio Lower Upper

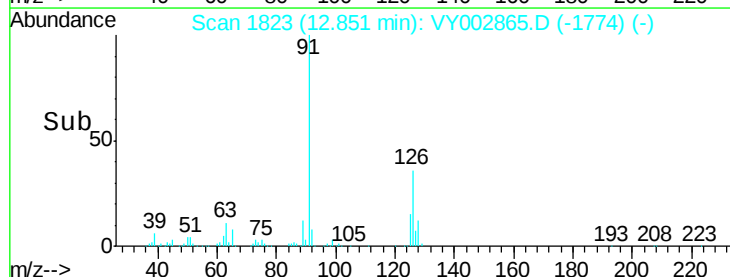
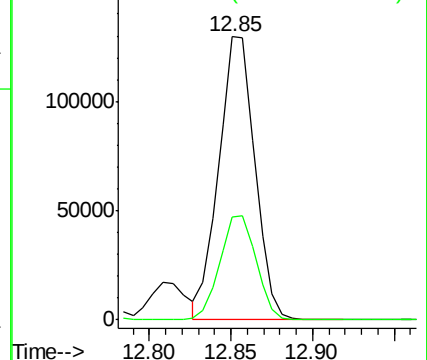
91 100

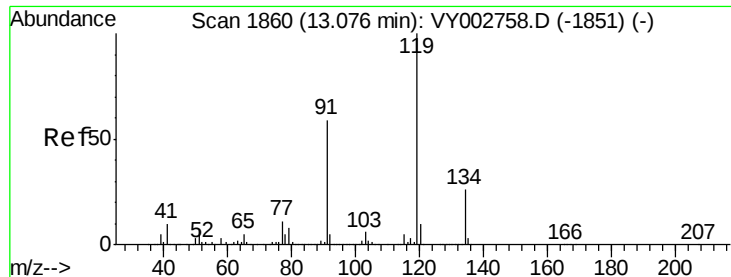
126 37.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

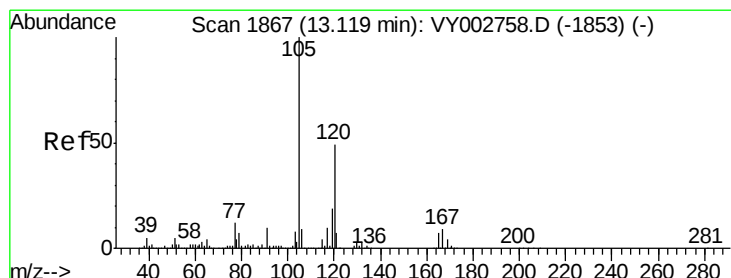
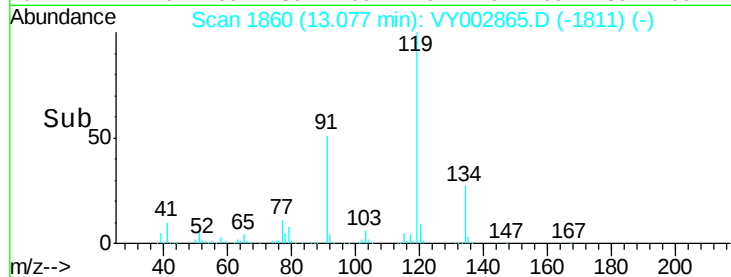
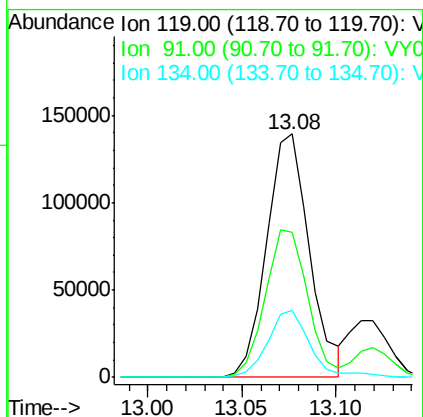
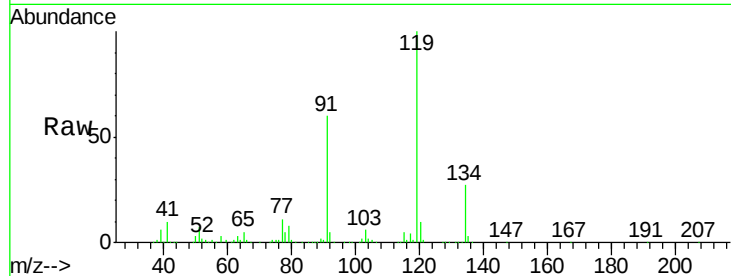




#83
tert-Butylbenzene
Concen: 21.294 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

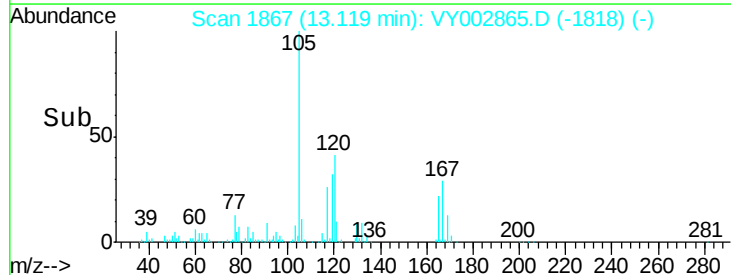
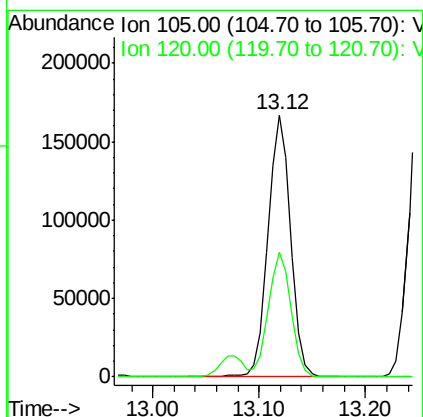
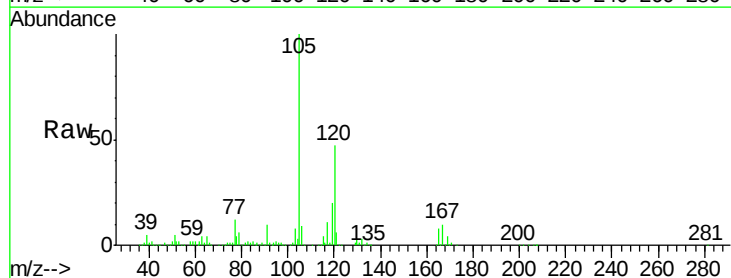
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

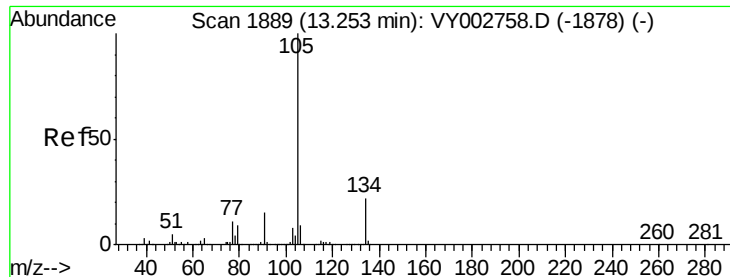
Tot Ion:119 Resp: 220221
Ion Ratio Lower Upper
119 100
91 59.9 29.8 89.4
134 27.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.223 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion:105 Resp: 247419
Ion Ratio Lower Upper
105 100
120 47.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.314 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_Y

ClientSampleId :

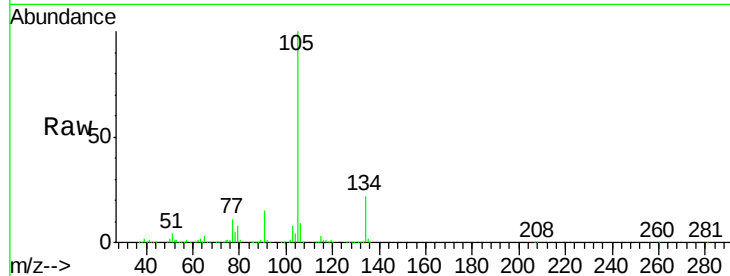
VY0609SBS01

Tot Ion:105 Resp: 301399

Ion Ratio Lower Upper

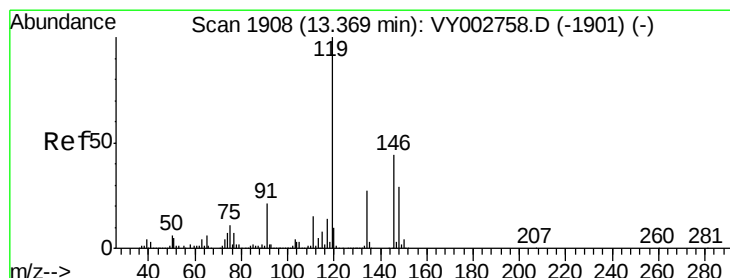
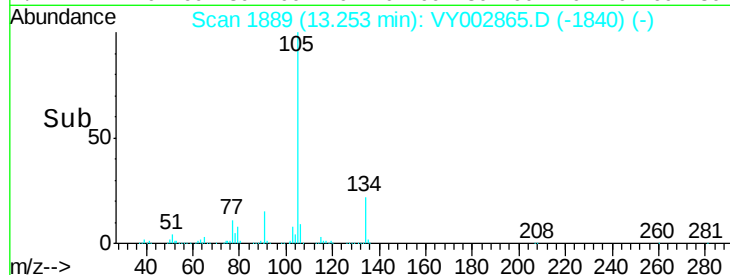
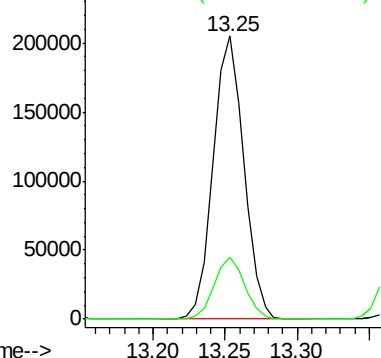
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.485 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

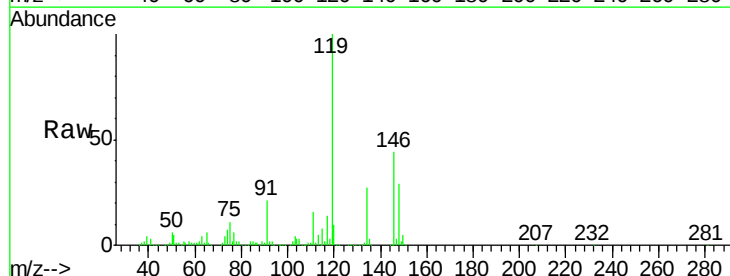
Tgt Ion:119 Resp: 282700

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

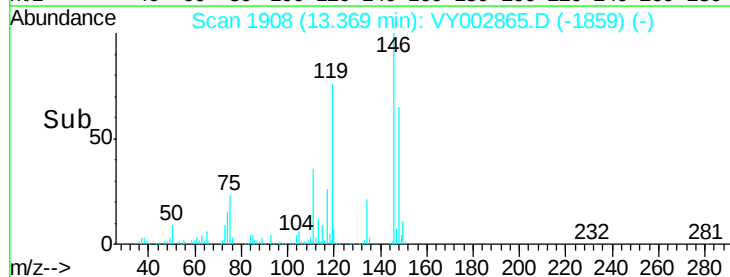
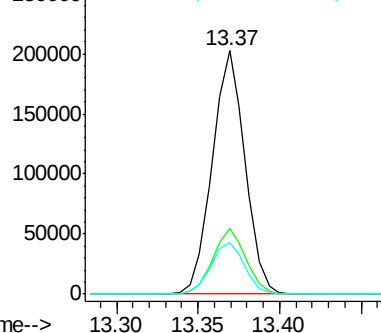
91 21.6 10.8 32.4

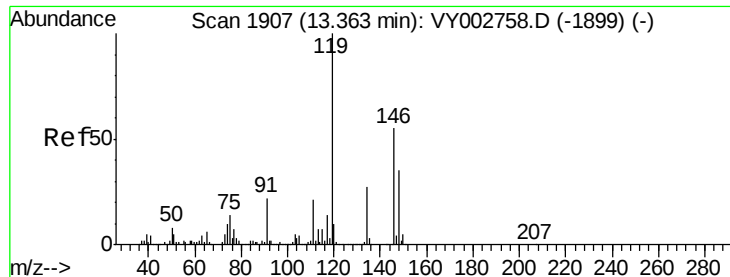


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.207 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002865.D

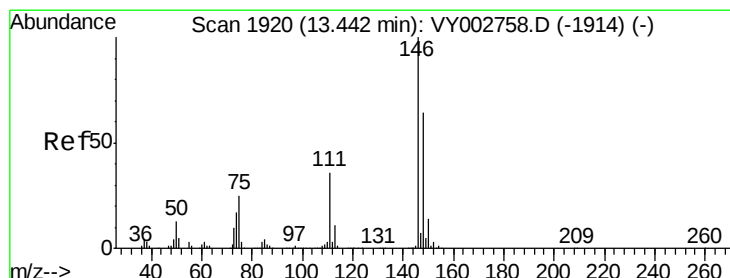
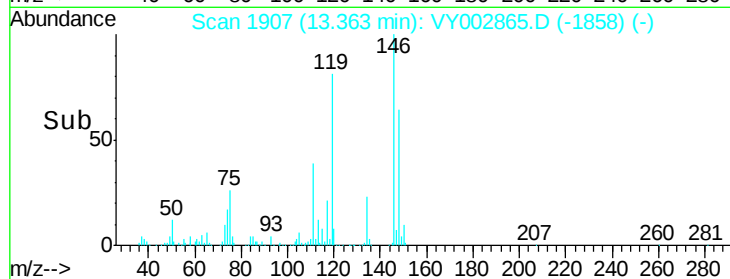
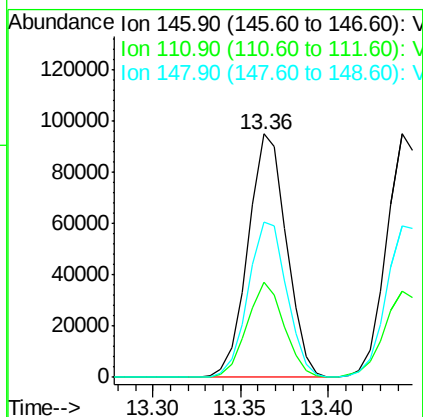
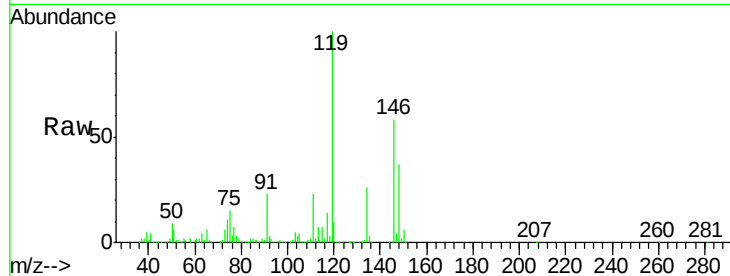
Acq: 09 Jun 2020 11:46

Instrument :
MSVOA_Y

ClientSampleId :
VY0609SBSD01

Tot Ion:146 Resp: 145244

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	64.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 21.326 ug/l

RT: 13.44 min Scan# 1920

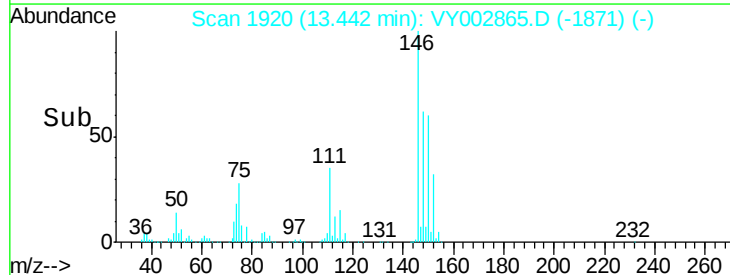
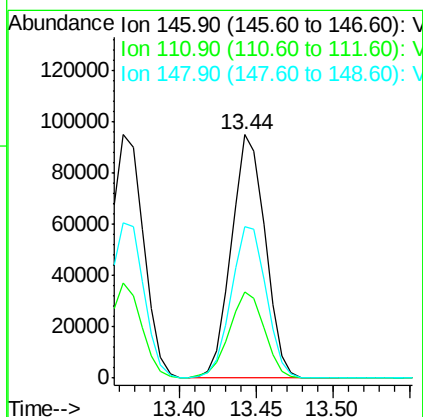
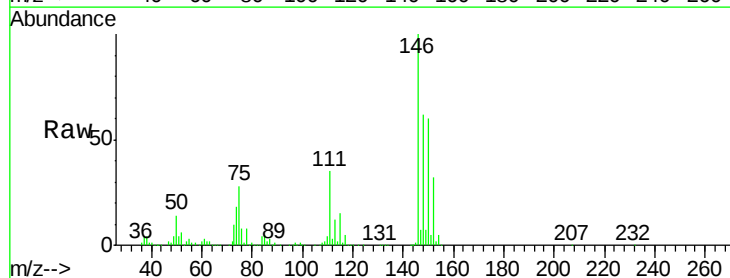
Delta R.T. 0.00 min

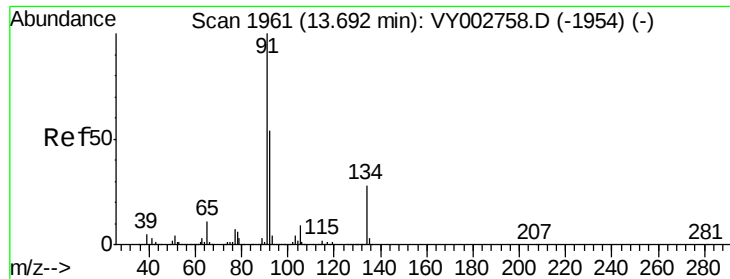
Lab File: VY002865.D

Acq: 09 Jun 2020 11:46

Tgt Ion:146 Resp: 146103

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.3
148	64.2	32.1	96.3

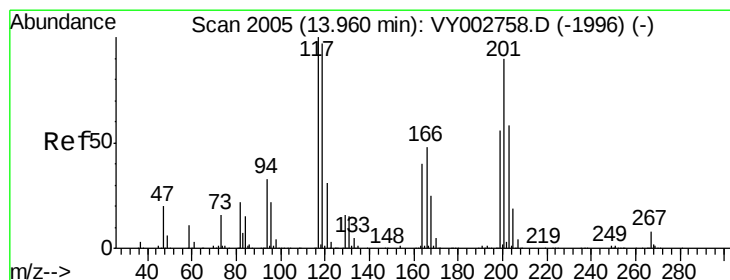
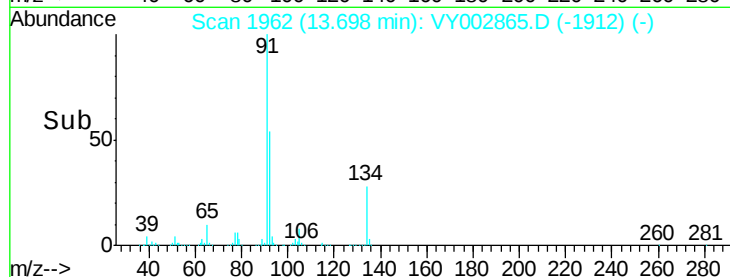
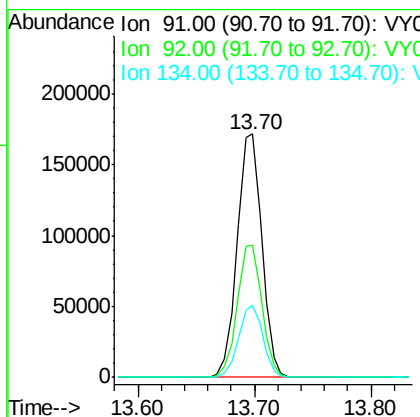
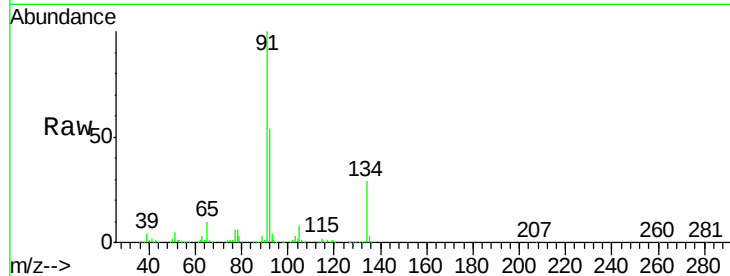




#89
n-Butylbenzene
Concen: 21.280 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

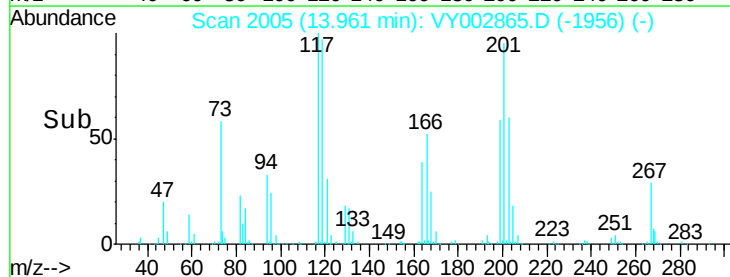
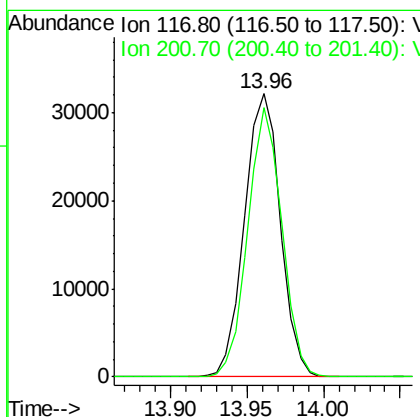
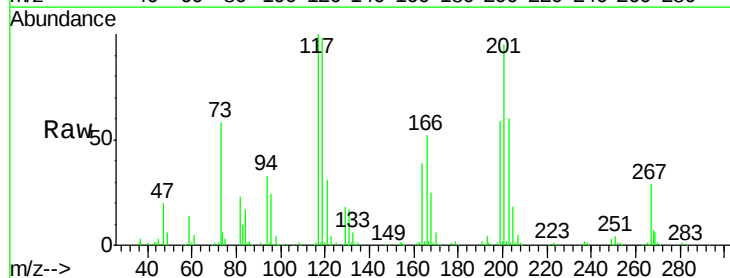
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 91 Resp: 254211
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 29.2 14.3 42.9



#90
Hexachloroethane
Concen: 21.288 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion: 117 Resp: 52439
Ion Ratio Lower Upper
117 100
201 90.4 43.9 131.6

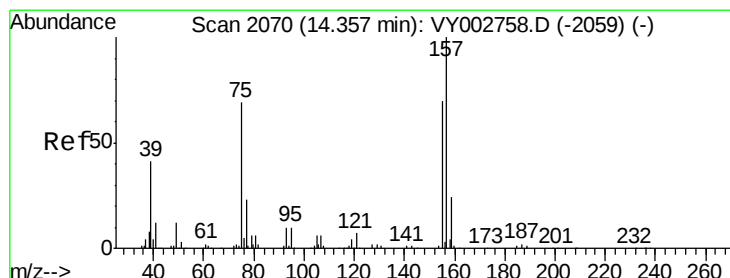
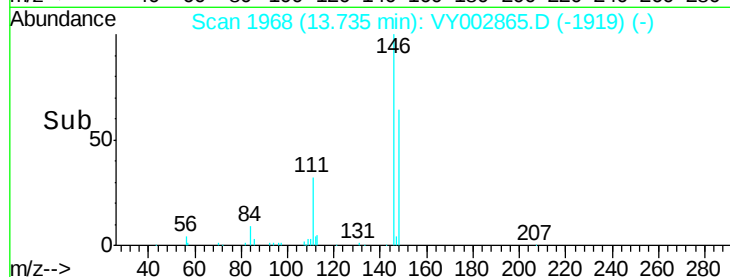
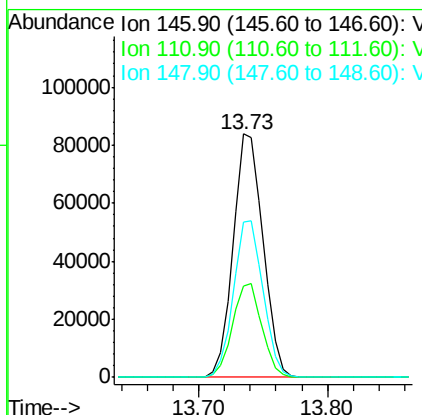
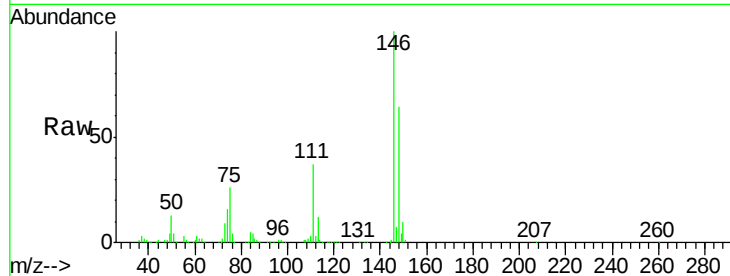




#91
 1,2-Dichlorobenzene
 Concen: 21.742 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

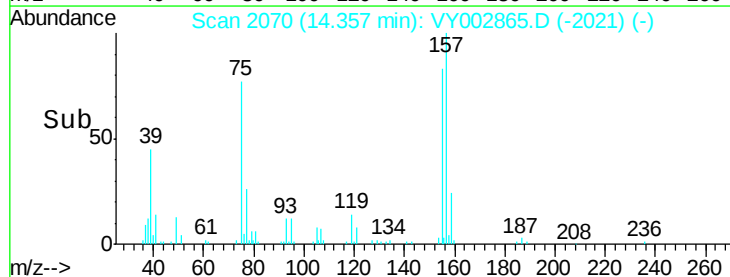
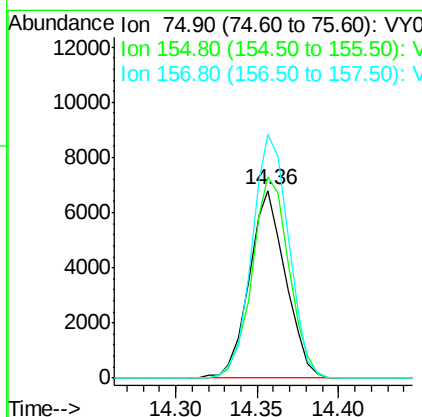
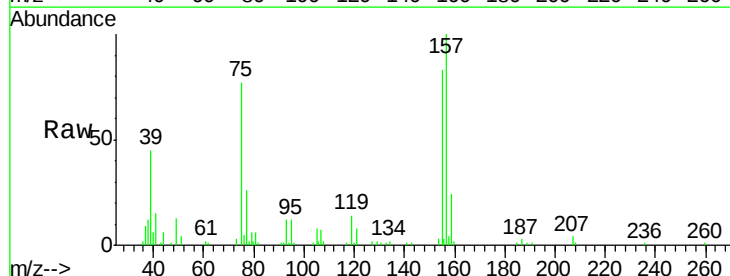
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

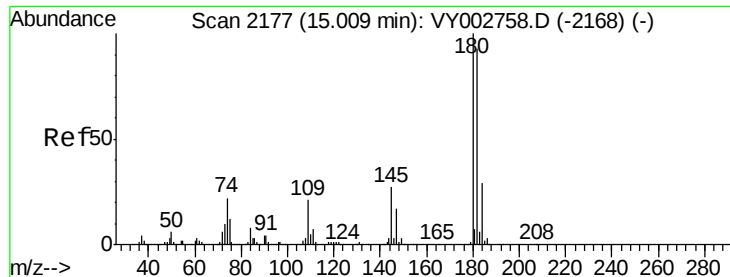
Tot Ion:146 Resp: 135043
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.9
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.478 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion: 75 Resp: 10536
 Ion Ratio Lower Upper
 75 100
 155 109.4 53.5 160.5
 157 130.9 69.9 209.7

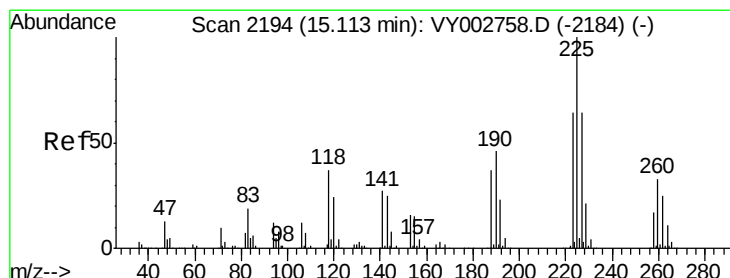
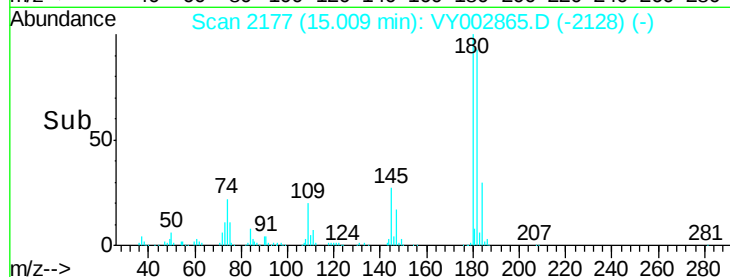
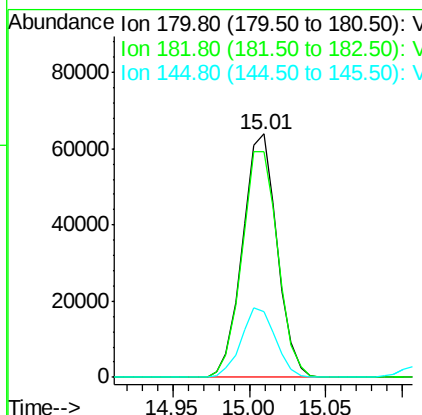
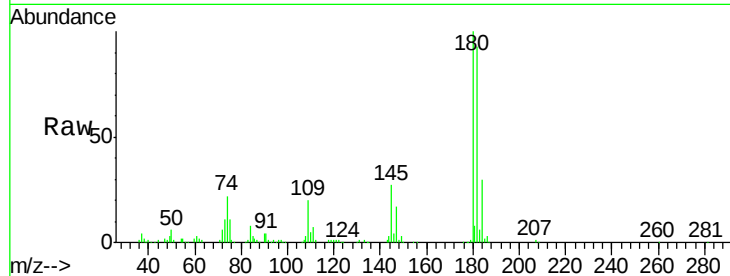




#93
 1,2,4-Trichlorobenzene
 Concen: 21.364 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

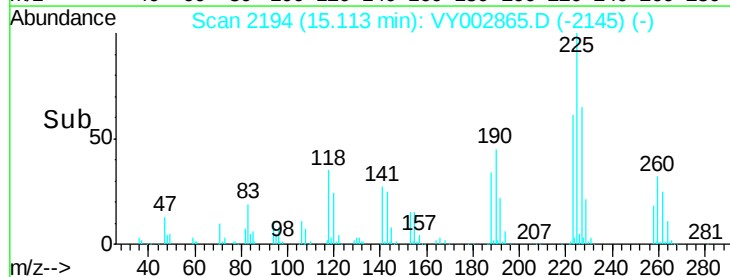
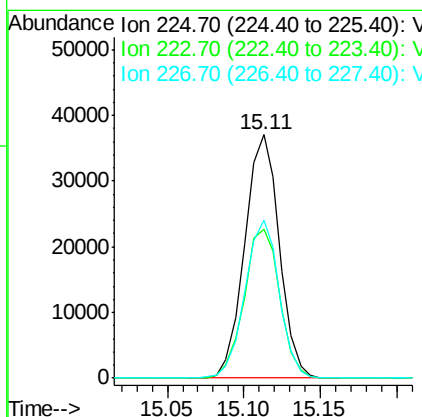
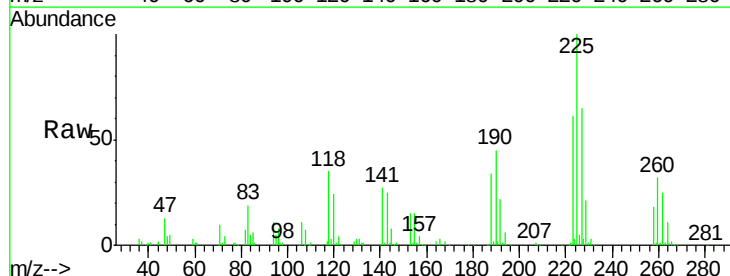
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

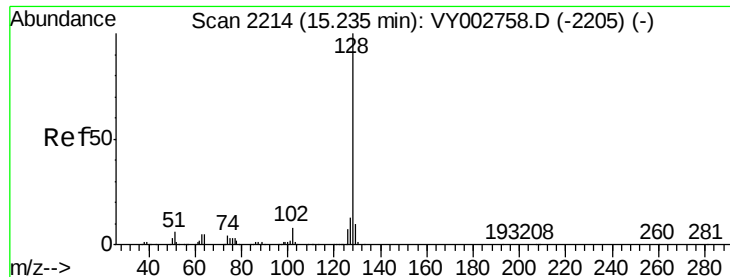
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.9
145	28.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 21.906 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002865.D
 Acq: 09 Jun 2020 11:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	64.2	32.3	96.9

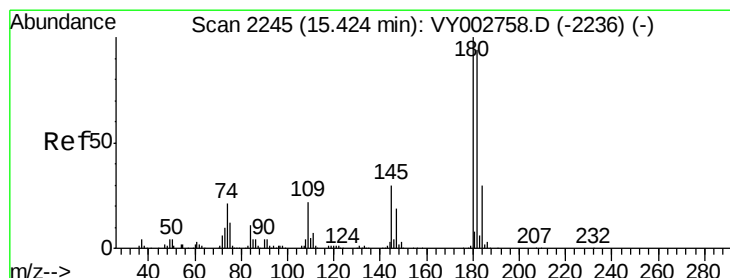
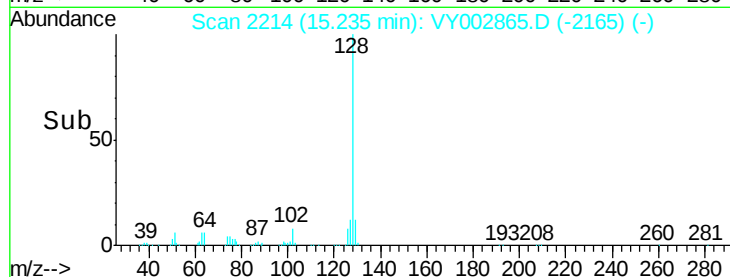
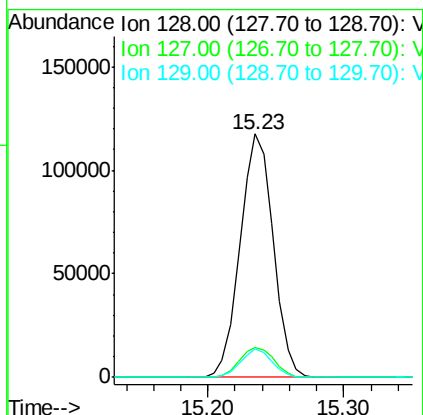
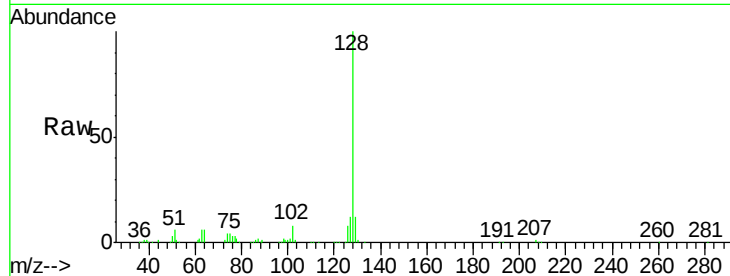




#95
Naphthalene
Concen: 21.275 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion:128 Resp: 199707
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.793 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002865.D
Acq: 09 Jun 2020 11:46

Tgt Ion:180 Resp: 91109
Ion Ratio Lower Upper
180 100
182 93.4 48.1 144.4
145 29.5 15.1 45.3

