

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
 Data File : VY002895.D
 Acq On : 15 Jun 2020 11:36
 Operator : SY/MD
 Sample : VY0615SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Quant Time: Jun 16 01:58:03 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	274158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	400329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113000	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.72	113	116693	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.18	98	448843	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.48	95	159475	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	35529	18.834	ug/l	96
3) Chloromethane	2.12	50	39014	18.698	ug/l	99
4) Vinyl Chloride	2.26	62	43675	19.803	ug/l	94
5) Bromomethane	2.65	94	34308	20.758	ug/l	96
6) Chloroethane	2.80	64	29154	20.392	ug/l	97
7) Trichlorofluoromethane	3.13	101	83501	21.377	ug/l	97
8) Diethyl Ether	3.54	74	29525	19.358	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	49236	21.230	ug/l	97
10) Methyl Iodide	4.10	142	65835	20.287	ug/l	99
11) Tert butyl alcohol	4.97	59	28487	103.879	ug/l	99
12) 1,1-Dichloroethene	3.88	96	49068	21.038	ug/l	98
13) Acrolein	3.74	56	19907	71.361	ug/l	98
14) Allyl chloride	4.49	41	69945	20.910	ug/l	99
15) Acrylonitrile	5.18	53	73140	106.298	ug/l	99
16) Acetone	3.96	43	58975	105.655	ug/l	93
17) Carbon Disulfide	4.20	76	133439	18.933	ug/l	99
18) Methyl Acetate	4.49	43	34484	24.120	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	137326	21.328	ug/l	97
20) Methylene Chloride	4.72	84	58958	21.614	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	54067	20.613	ug/l	98
22) Diisopropyl ether	6.13	45	146110	21.019	ug/l	91
23) Vinyl Acetate	6.07	43	473623	103.200	ug/l	99
24) 1,1-Dichloroethane	6.03	63	86822	21.352	ug/l	99
25) 2-Butanone	7.00	43	89960	103.443	ug/l	99
26) 2,2-Dichloropropane	6.99	77	80802	20.719	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	62276	21.209	ug/l	99
28) Bromochloromethane	7.34	49	37073	22.209	ug/l	97
29) Tetrahydrofuran	7.36	42	58242	102.960	ug/l	98
30) Chloroform	7.52	83	92831	21.514	ug/l	97
31) Cyclohexane	7.79	56	78530	19.451	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	85841	21.349	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70000	20.758	ug/l	99
37) Ethyl Acetate	7.08	43	38625	21.052	ug/l	99
38) Carbon Tetrachloride	7.91	117	81178	21.669	ug/l	99

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 Sample : VY0615SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Jun 16 01:58:03 2020
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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)
39) Methylcyclohexane	9.19	83	90409	20.340	ug/l	96
40) Benzene	8.16	78	210441	21.119	ug/l	98
41) Methacrylonitrile	7.35	41	53784	54.565	ug/l #	17
42) 1,2-Dichloroethane	8.24	62	59713	21.383	ug/l	100
43) Isopropyl Acetate	8.28	43	73127	21.032	ug/l	99
44) Trichloroethene	8.94	130	66425	21.104	ug/l	99
45) 1,2-Dichloropropane	9.22	63	50442	21.109	ug/l	99
46) Dibromomethane	9.31	93	30104	21.213	ug/l	98
47) Bromodichloromethane	9.50	83	73128	21.858	ug/l	99
48) Methyl methacrylate	9.30	41	33351	21.248	ug/l	98
49) 1,4-Dioxane	9.30	88	9003	413.165	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	195328	106.093	ug/l	100
52) Toluene	10.24	92	138633	21.268	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	79131	21.655	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	89166	21.535	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	46484	21.395	ug/l	97
56) Ethyl methacrylate	10.51	69	61740	21.216	ug/l	99
57) 1,3-Dichloropropane	10.79	76	75596	21.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154733	108.819	ug/l	99
59) 2-Hexanone	10.83	43	140439	107.508	ug/l	100
60) Dibromochloromethane	10.99	129	60197	21.854	ug/l	100
61) 1,2-Dibromoethane	11.09	107	45976	21.452	ug/l	98
64) Tetrachloroethene	10.72	164	70135	20.722	ug/l	99
65) Chlorobenzene	11.52	112	157349	21.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	61342	22.129	ug/l	99
67) Ethyl Benzene	11.59	91	272715	21.372	ug/l	99
68) m/p-Xylenes	11.70	106	214093	43.275	ug/l	99
69) o-Xylene	12.03	106	99628	21.332	ug/l	99
70) Styrene	12.04	104	175329	21.655	ug/l	99
71) Bromoform	12.21	173	41330	22.282	ug/l #	100
73) Isopropylbenzene	12.33	105	273952	20.588	ug/l	99
74) N-amyl acetate	12.14	43	69302	20.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50675	21.706	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	73382	39.222	ug/l #	100
77) Bromobenzene	12.61	156	72996	21.068	ug/l	97
78) n-propylbenzene	12.67	91	322165	20.960	ug/l	100
79) 2-Chlorotoluene	12.75	91	178959	20.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232971	20.969	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20354	20.496	ug/l	99
82) 4-Chlorotoluene	12.85	91	191790	21.231	ug/l	99
83) tert-Butylbenzene	13.07	119	208092	20.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	235459	21.077	ug/l	99
85) sec-Butylbenzene	13.25	105	285341	21.058	ug/l	100
86) p-Isopropyltoluene	13.37	119	270094	21.421	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	138446	21.095	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	140657	21.425	ug/l	99
89) n-Butylbenzene	13.70	91	242155	21.154	ug/l	100
90) Hexachloroethane	13.96	117	50587	21.431	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	126238	21.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9443	21.023	ug/l	99

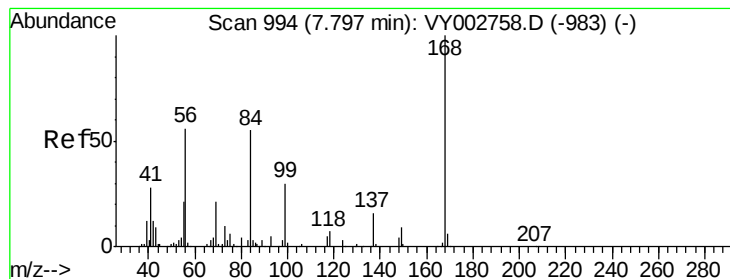
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061520\
Data File : VY002895.D
Acq On : 15 Jun 2020 11:36
Operator : SY/MD
Sample : VY0615SBSD01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jun 16 01:58:03 2020
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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	97214	21.669	ug/l	99
94) Hexachlorobutadiene	15.11	225	56256	22.109	ug/l	99
95) Naphthalene	15.23	128	189101	21.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	86708	21.643	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

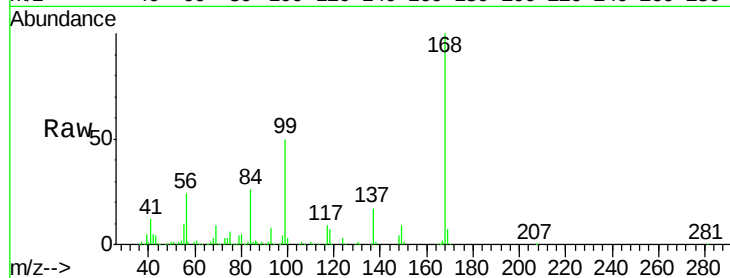
VY0615SBS01

Tot Ion:168 Resp: 274158

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

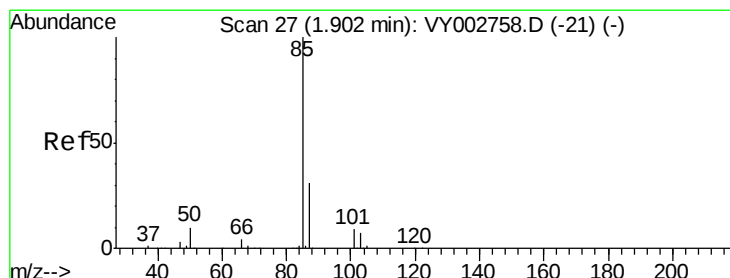
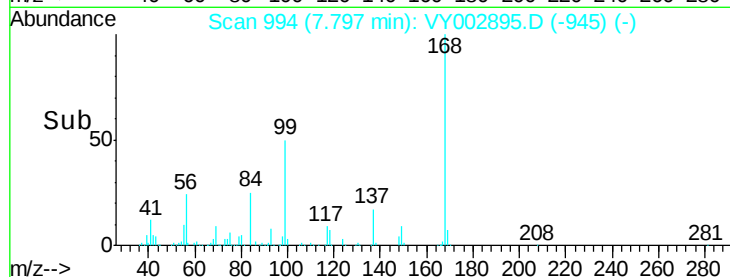
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.834 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002895.D

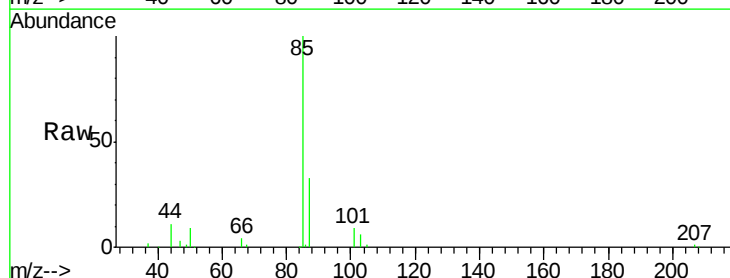
Acq: 15 Jun 2020 11:36

Tgt Ion: 85 Resp: 35529

Ion Ratio Lower Upper

85 100

87 33.0 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

25000

20000

15000

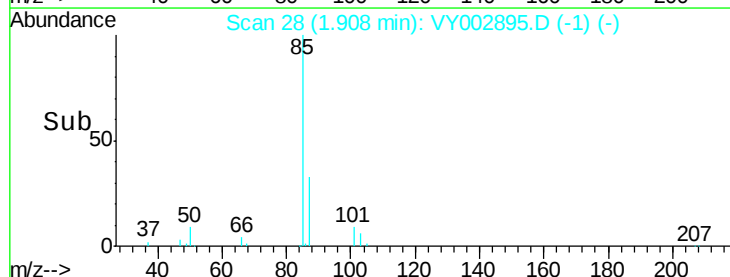
10000

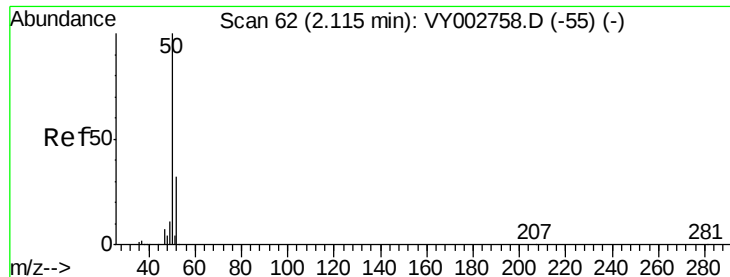
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.698 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

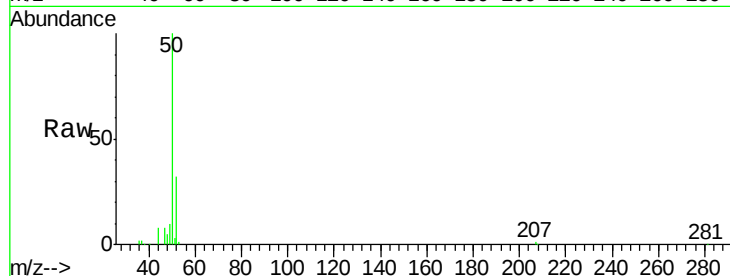
VY0615SBS01

Tot Ion: 50 Resp: 39014

Ion Ratio Lower Upper

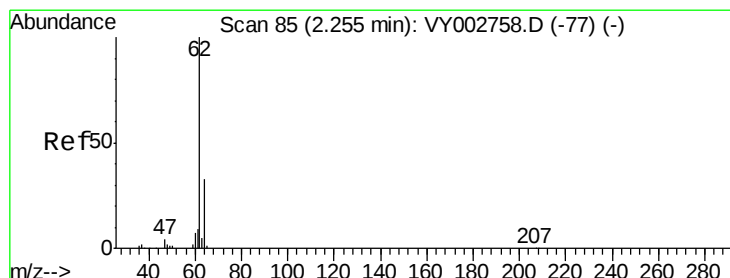
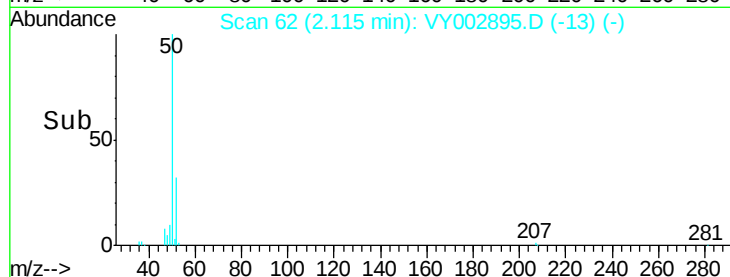
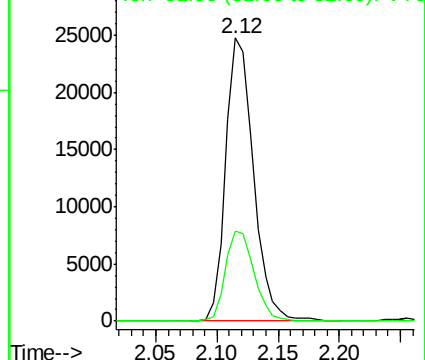
50 100

52 31.9 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: 19.803 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002895.D

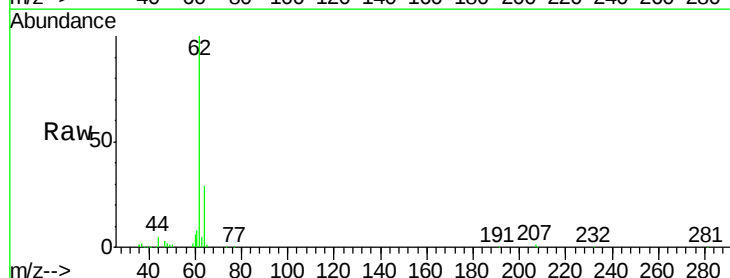
Acq: 15 Jun 2020 11:36

Tgt Ion: 62 Resp: 43675

Ion Ratio Lower Upper

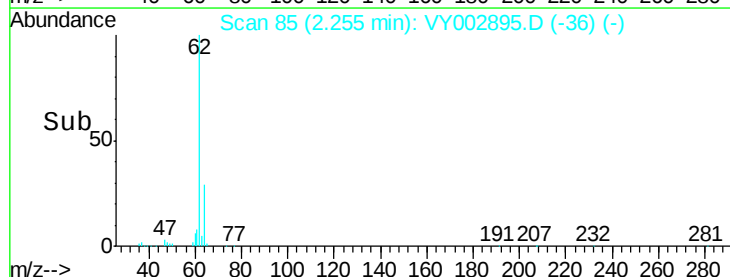
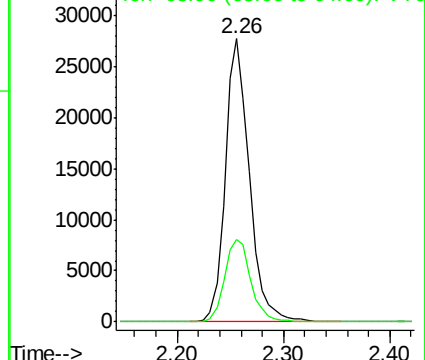
62 100

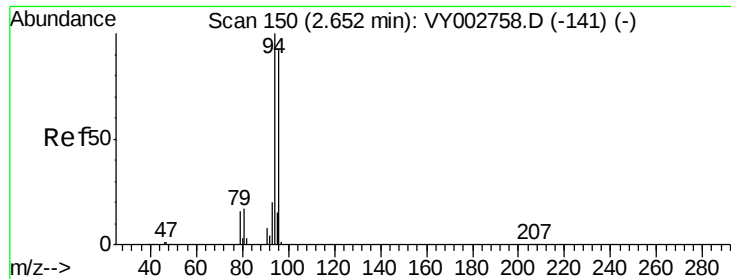
64 29.2 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.758 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

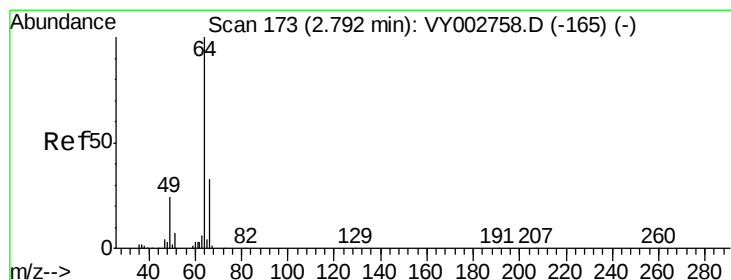
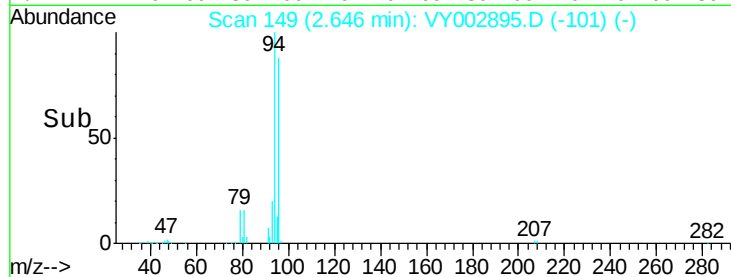
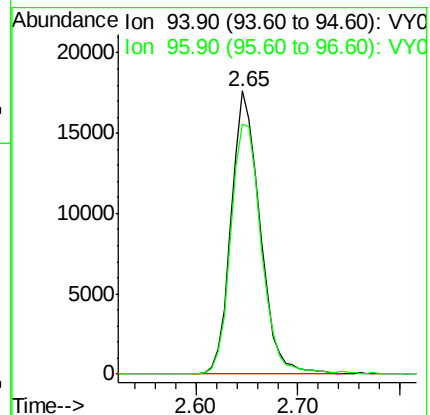
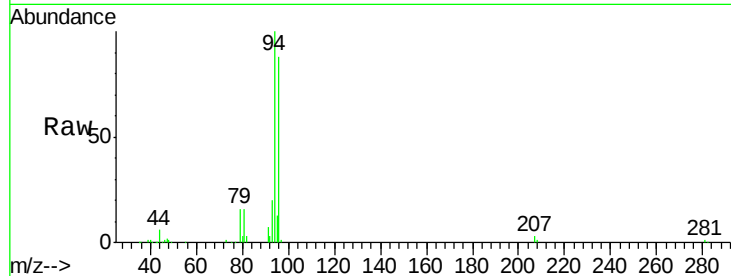
VY0615SBS01

Tot Ion: 94 Resp: 34308

Ion Ratio Lower Upper

94 100

96 88.2 73.7 110.5



#6

Chloroethane

Concen: 20.392 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002895.D

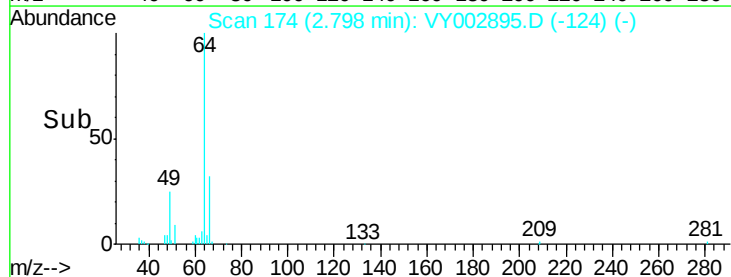
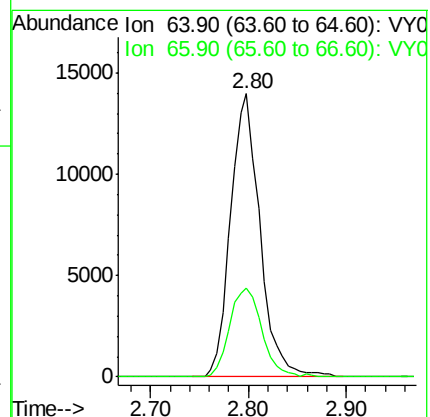
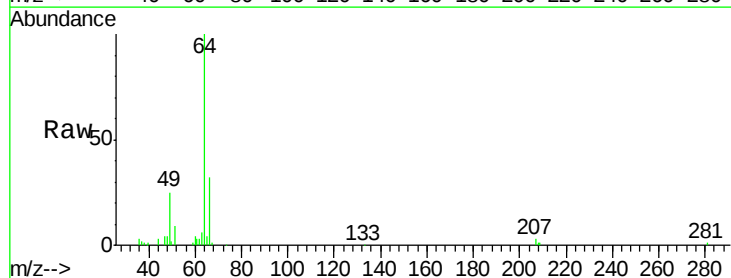
Acq: 15 Jun 2020 11:36

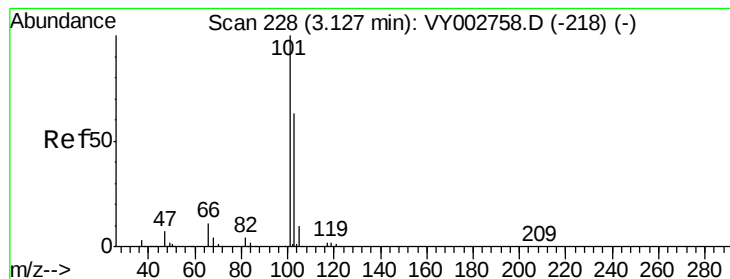
Tgt Ion: 64 Resp: 29154

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6



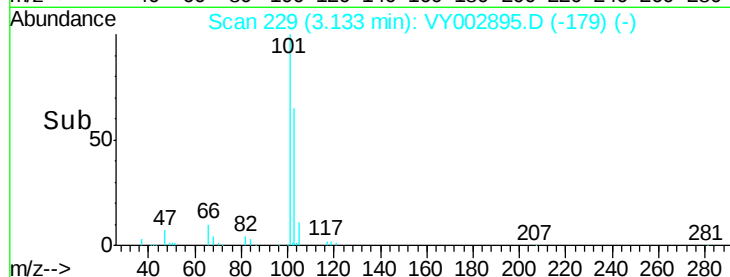
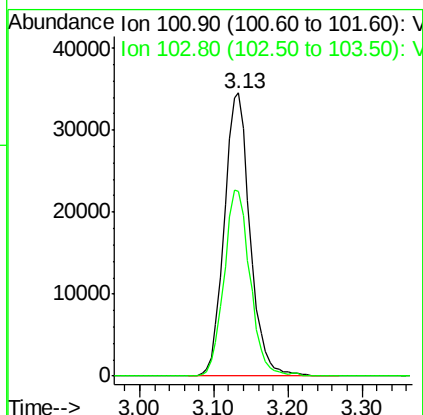
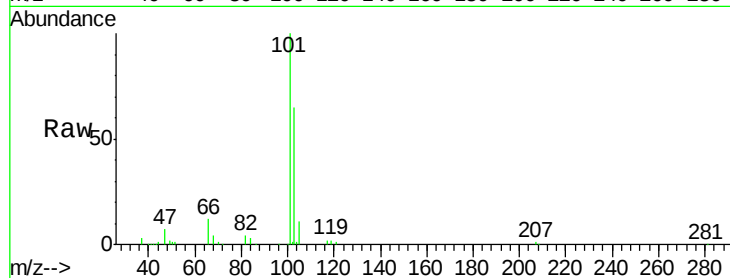


#7

Trichlorofluoromethane
 Concen: 21.377 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

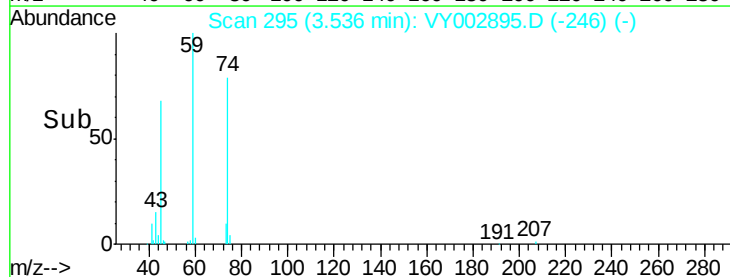
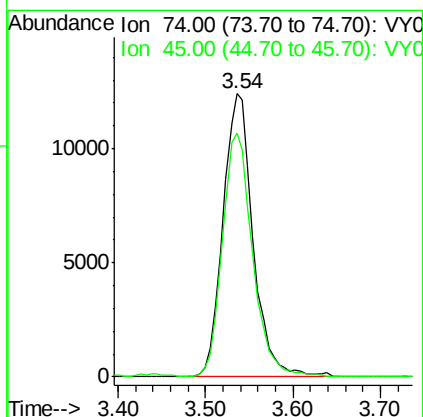
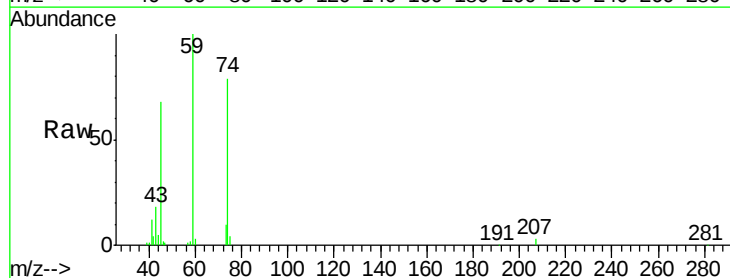
Tot Ion:101 Resp: 83501
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.6 76.0

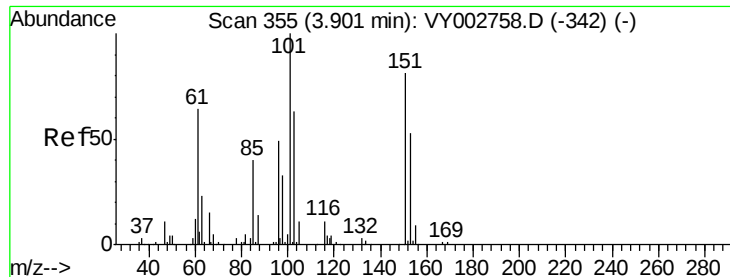


#8

Diethyl Ether
 Concen: 19.358 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion: 74 Resp: 29525
 Ion Ratio Lower Upper
 74 100
 45 86.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.230 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

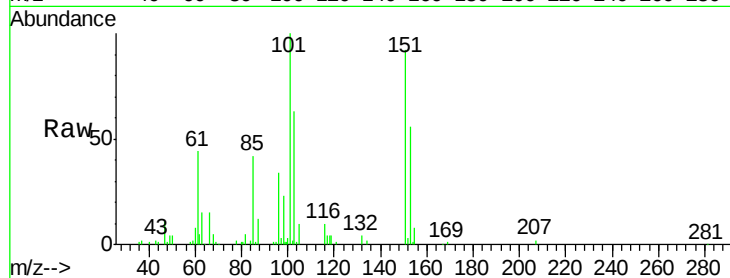
Tot Ion:101 Resp: 49236

Ion Ratio Lower Upper

101 100

85 42.1 32.7 49.1

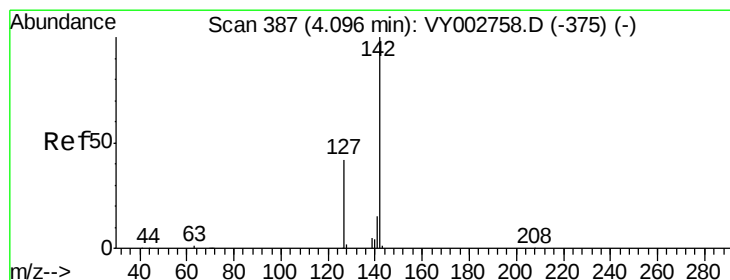
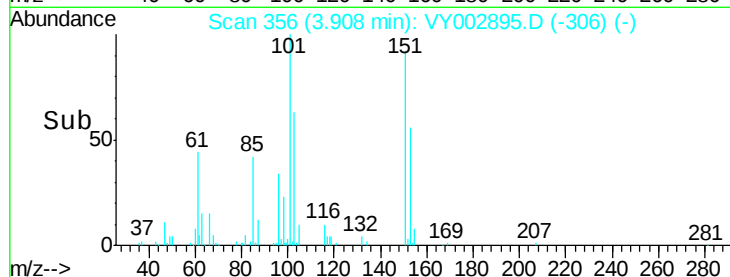
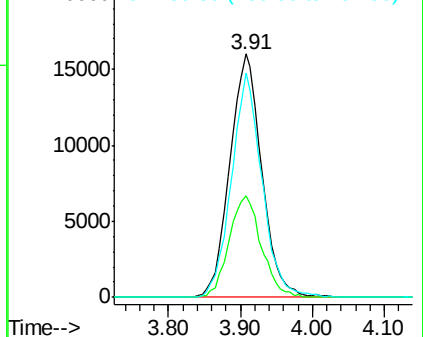
151 88.3 68.0 102.0



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: 20.287 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

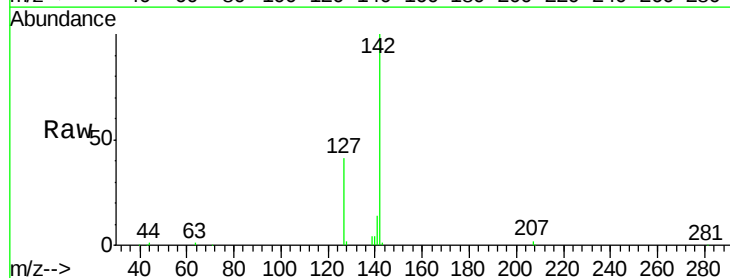
Tgt Ion:142 Resp: 65835

Ion Ratio Lower Upper

142 100

127 42.6 33.3 49.9

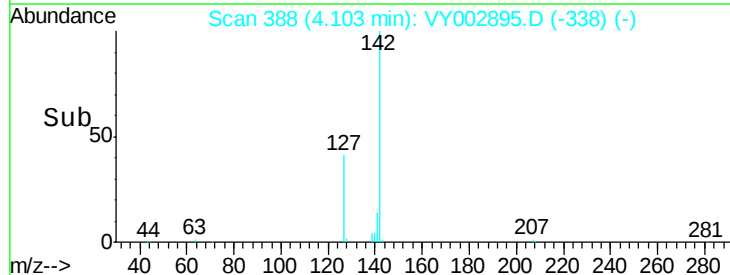
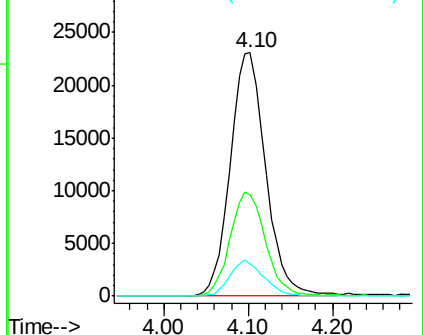
141 14.2 11.5 17.3



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

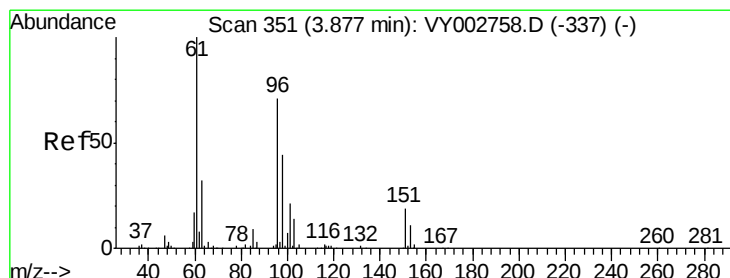
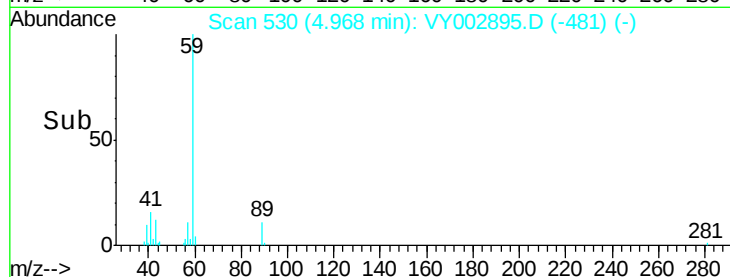
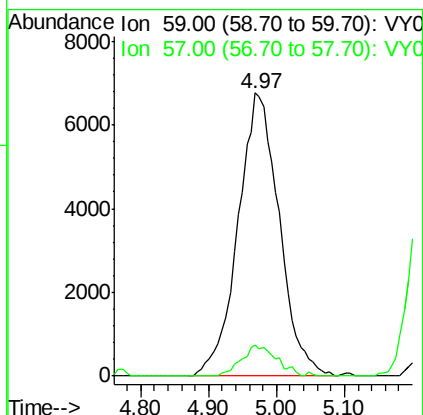
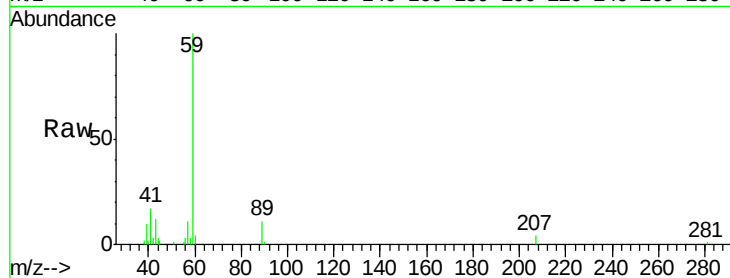




#11
Tert butyl alcohol
Concen: 103.879 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

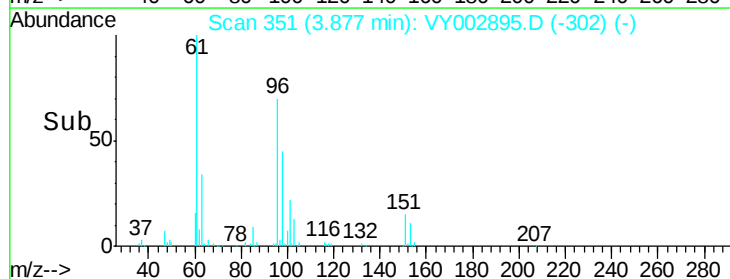
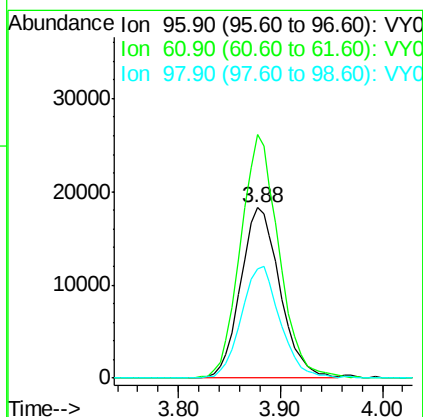
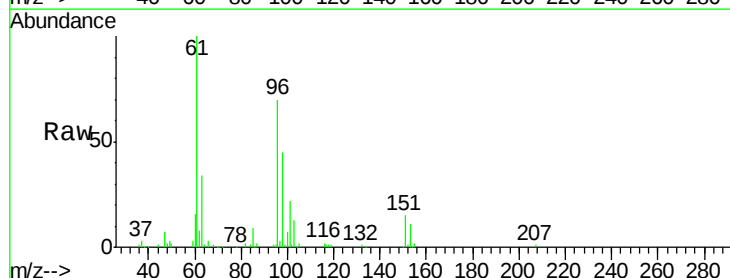
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

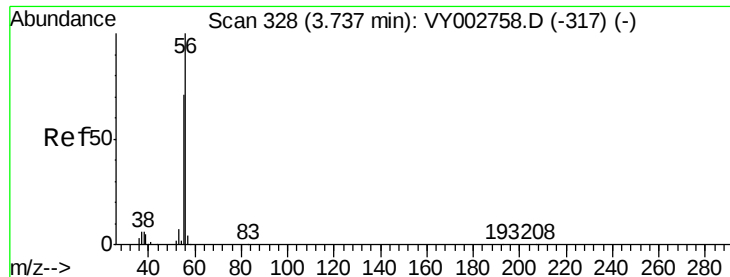
Tot Ion: 59 Resp: 28487
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.038 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 96 Resp: 49068
Ion Ratio Lower Upper
96 100
61 142.9 112.6 168.8
98 64.4 50.0 75.0





#13

Acrolein

Concen: 71.361 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

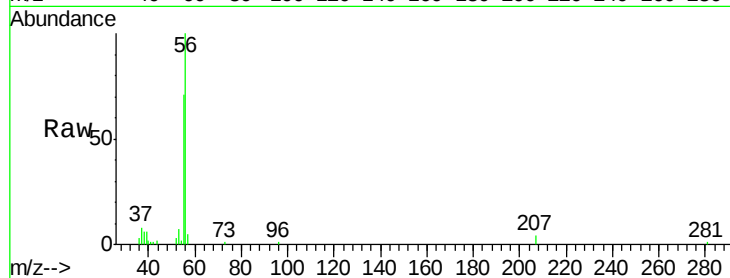
VY0615SBS01

Tot Ion: 56 Resp: 19907

Ion Ratio Lower Upper

56 100

55 68.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

4000

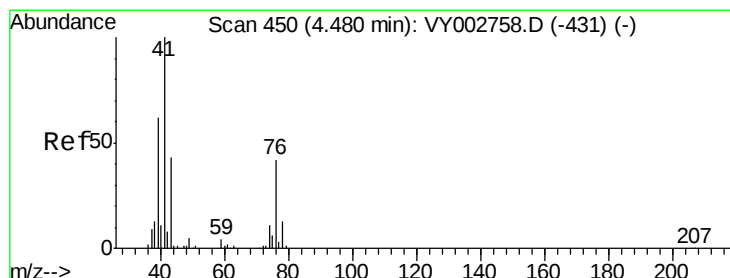
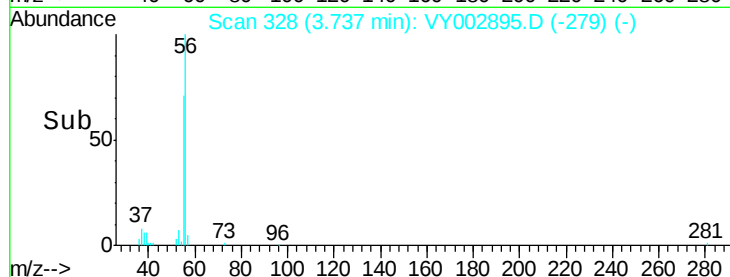
2000

0

3.74

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 20.910 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

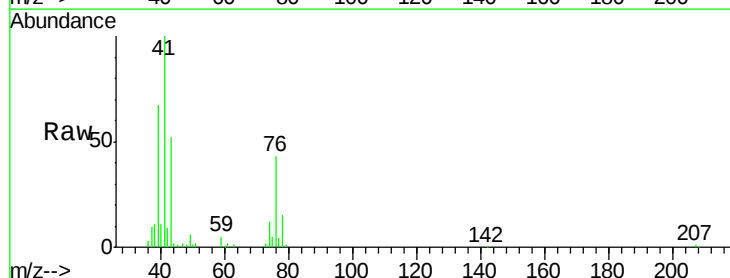
Tgt Ion: 41 Resp: 69945

Ion Ratio Lower Upper

41 100

39 63.4 49.9 74.9

76 41.1 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

30000

25000

20000

15000

10000

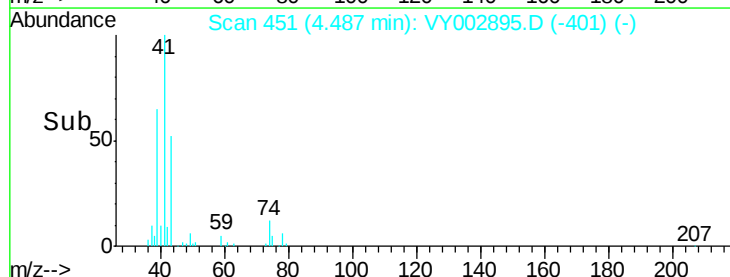
5000

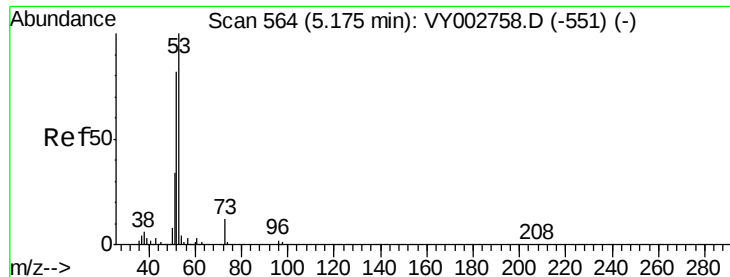
0

4.49

4.30 4.40 4.50 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 106.298 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

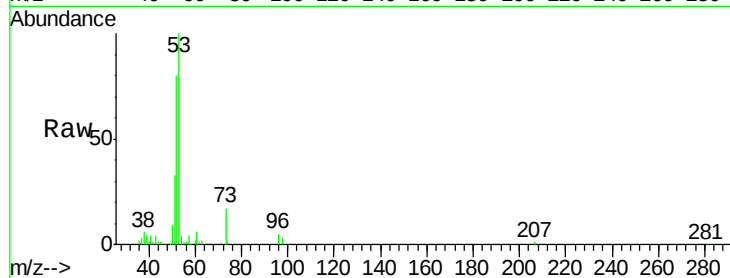
MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 53 Resp: 73140

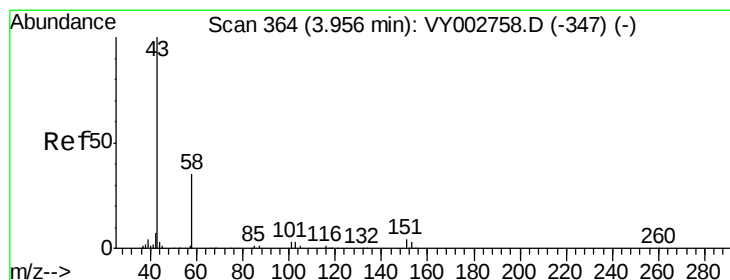
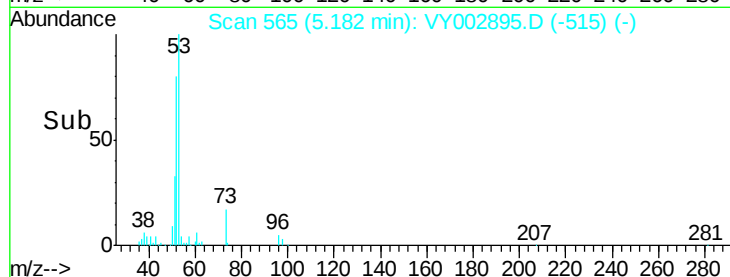
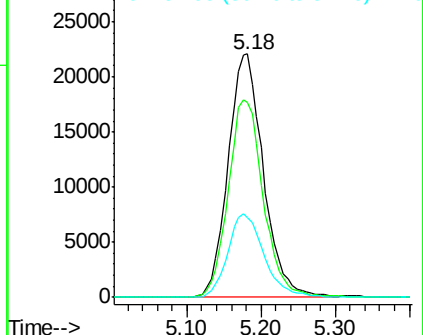
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.3	97.9
51	35.2	28.0	42.0



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: 105.655 ug/l

RT: 3.96 min Scan# 365

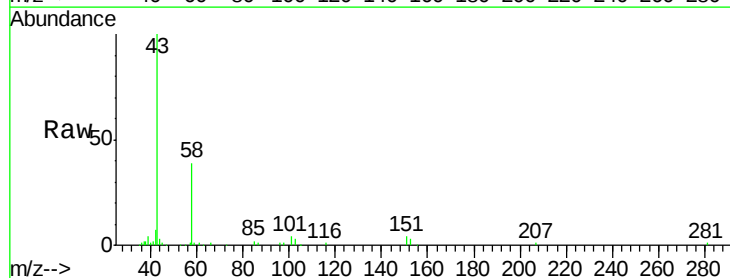
Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

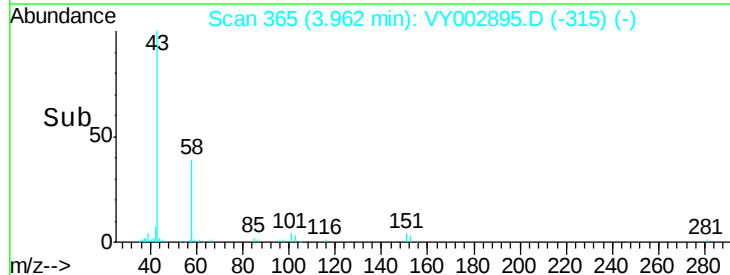
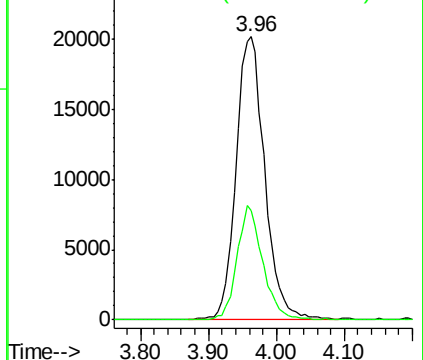
Tgt Ion: 43 Resp: 58975

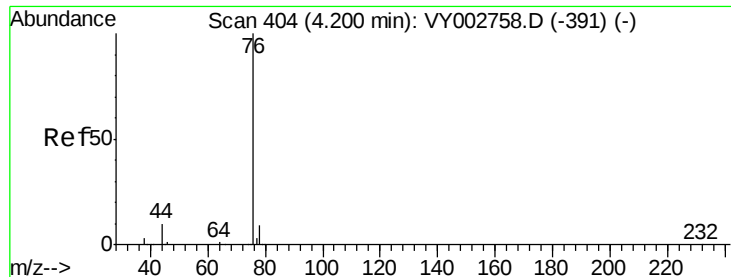
Ion	Ratio	Lower	Upper
43	100		
58	38.8	27.7	41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

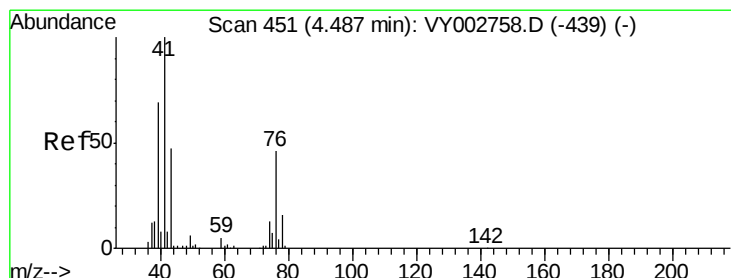
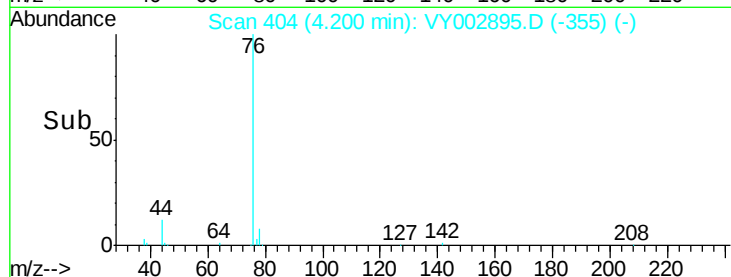
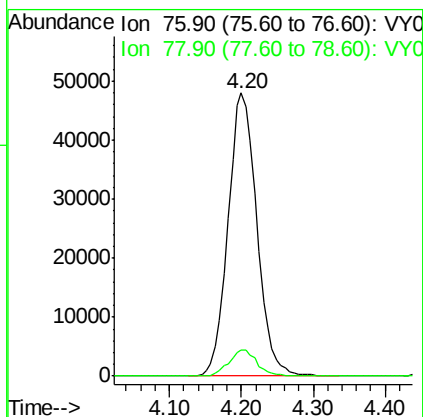
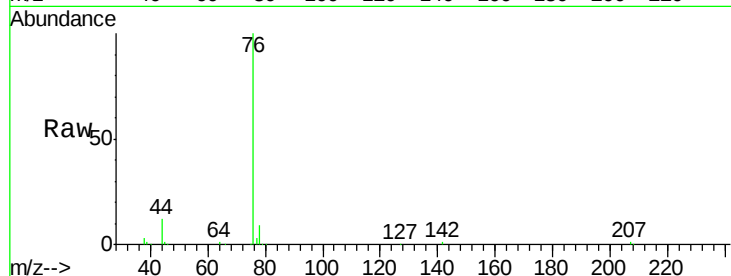




#17
Carbon Disulfide
Concen: 18.933 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

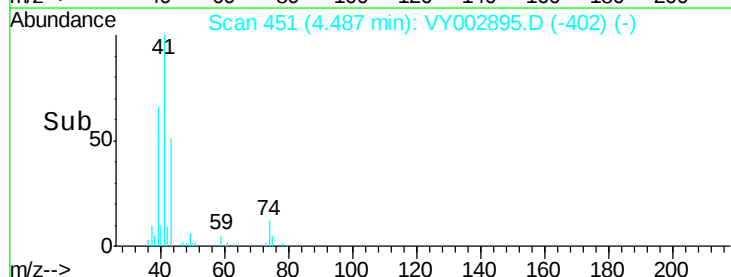
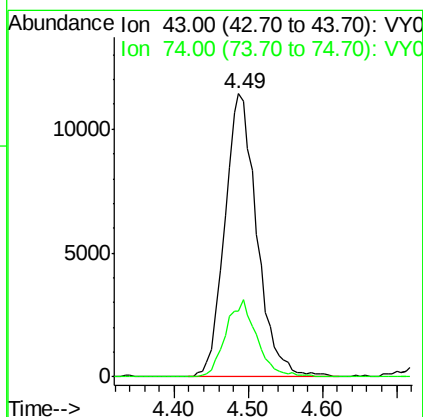
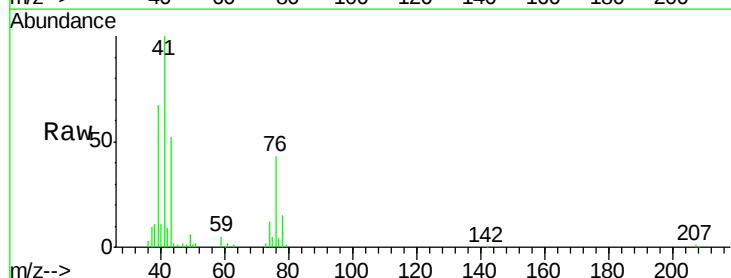
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 76 Resp: 133439
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 24.120 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 43 Resp: 34484
Ion Ratio Lower Upper
43 100
74 26.4 21.4 32.0

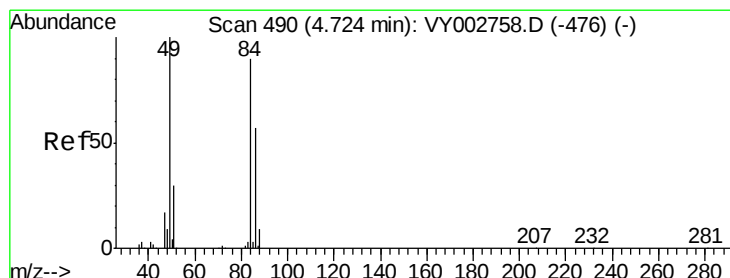
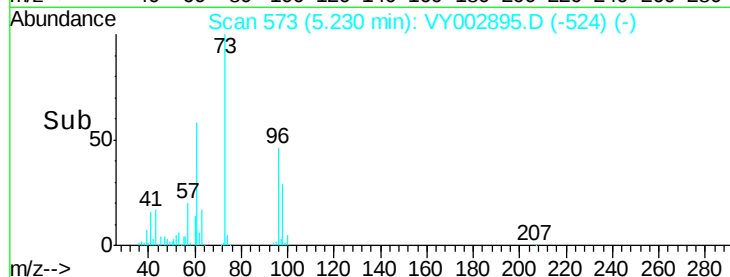
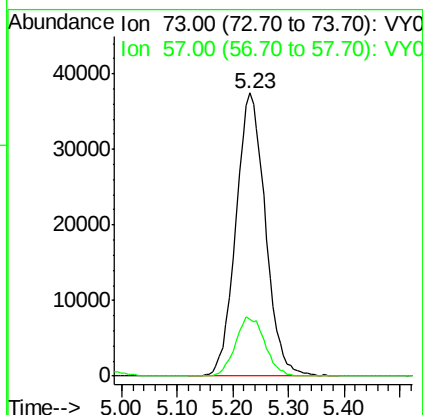
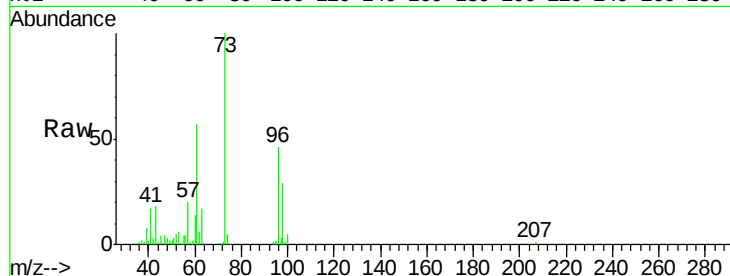




#19
Methvl tert-butvl Ether
Concen: 21.328 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

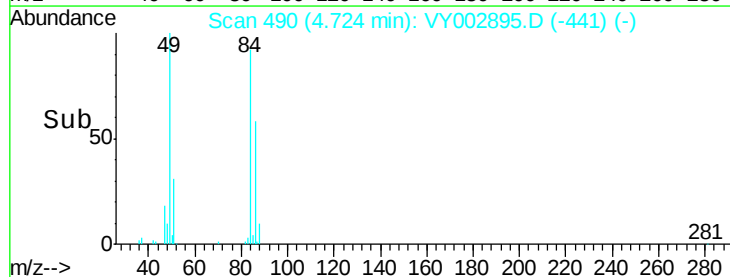
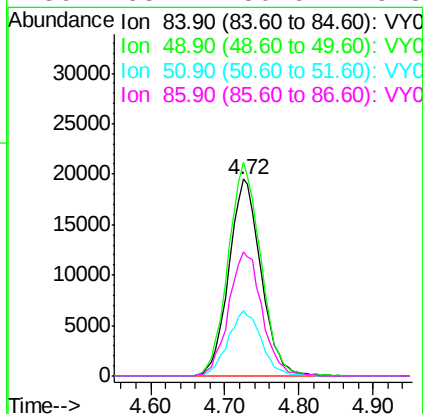
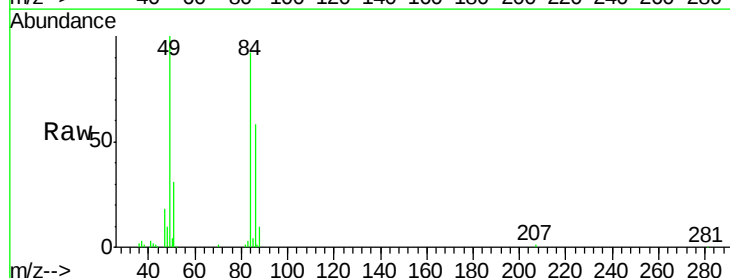
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 73 Resp: 137326
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.4



#20
Methylene Chloride
Concen: 21.614 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 84 Resp: 58958
Ion Ratio Lower Upper
84 100
49 108.6 88.5 132.7
51 33.5 26.8 40.2
86 63.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.613 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

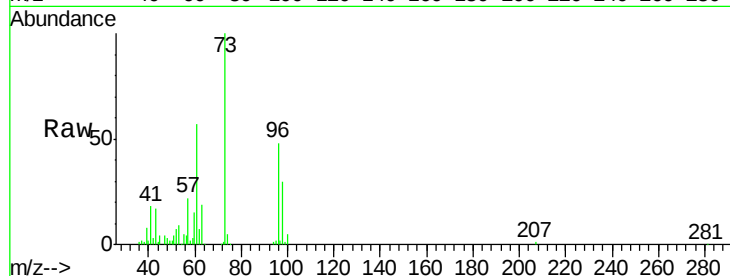
Tot Ion: 96 Resp: 54067

Ion Ratio Lower Upper

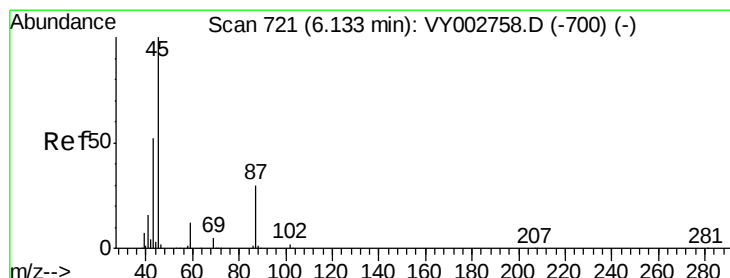
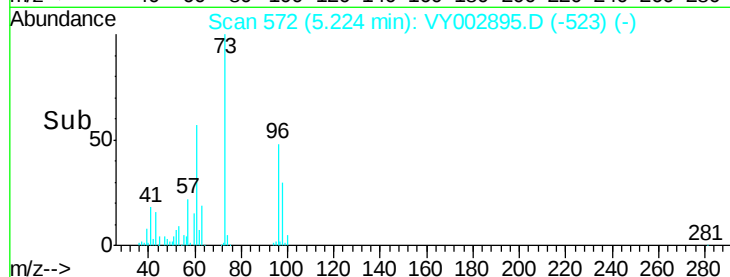
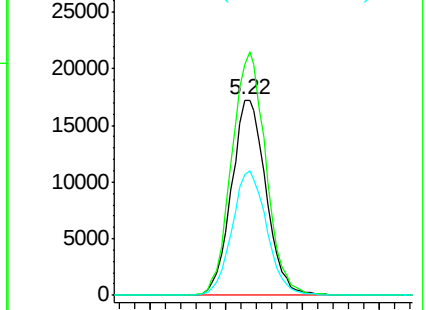
96 100

61 118.0 96.8 145.2

98 61.9 49.4 74.0



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



#22

Diisopropyl ether

Concen: 21.019 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion: 45 Resp: 146110

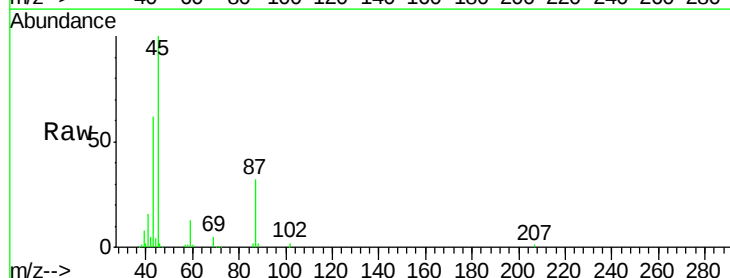
Ion Ratio Lower Upper

45 100

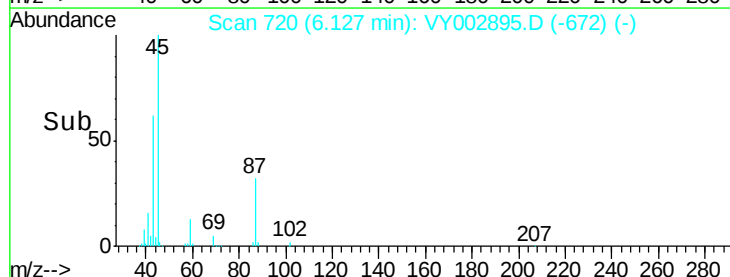
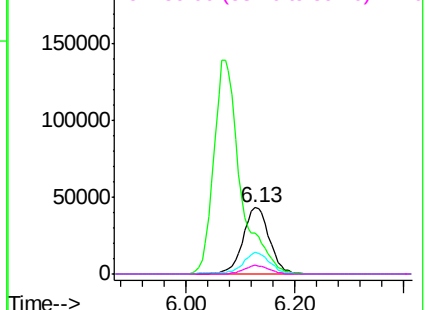
43 61.6 41.7 62.5

87 32.4 24.2 36.2

59 12.7 9.8 14.8



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





#23

Vinyl Acetate

Concen: 103.200 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

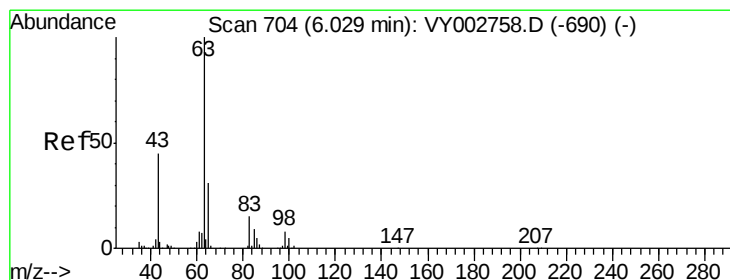
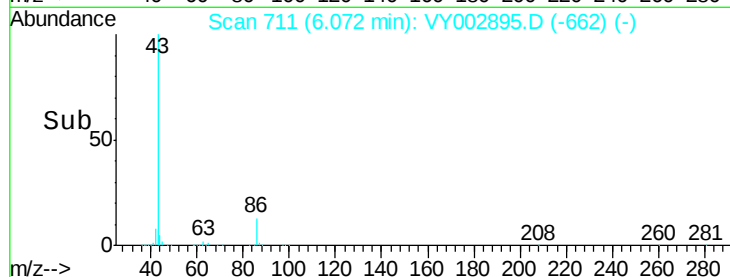
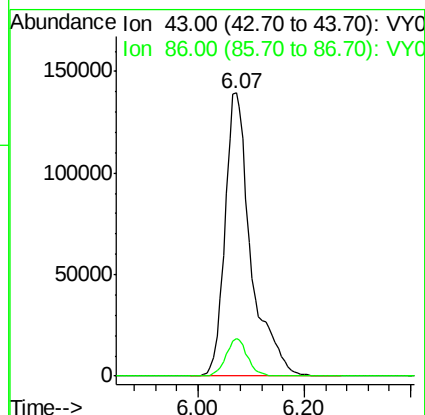
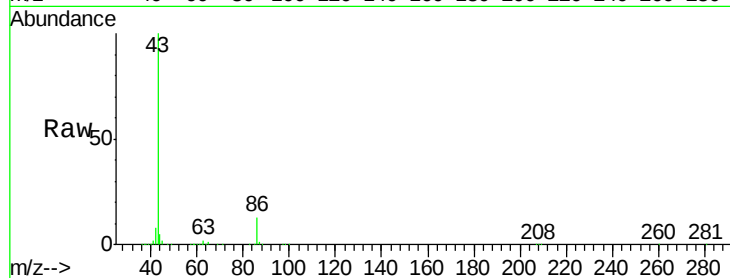
VY0615SBS01

Tot Ion: 43 Resp: 473623

Ion Ratio Lower Upper

43 100

86 13.3 10.2 15.2



#24

1,1-Dichloroethane

Concen: 21.352 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

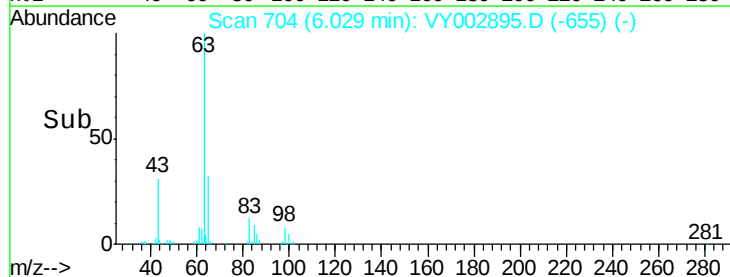
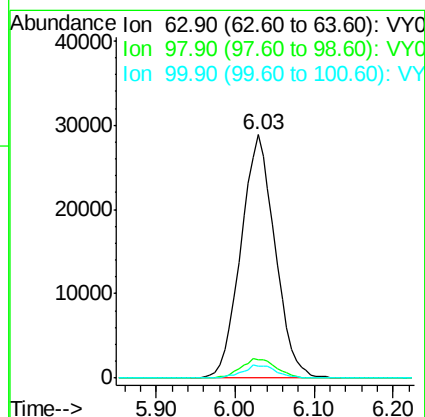
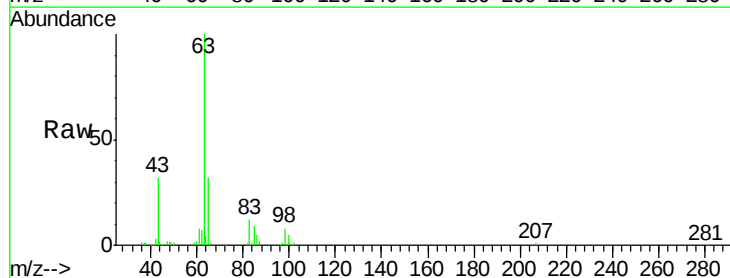
Tgt Ion: 63 Resp: 86822

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 103.443 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

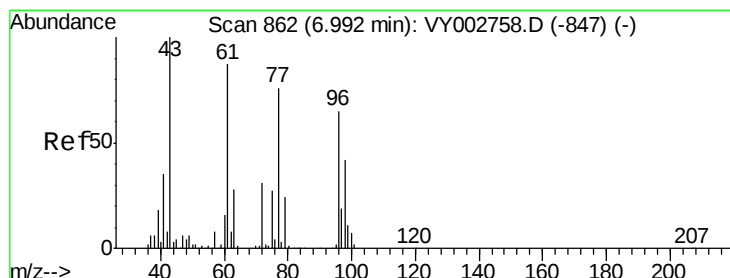
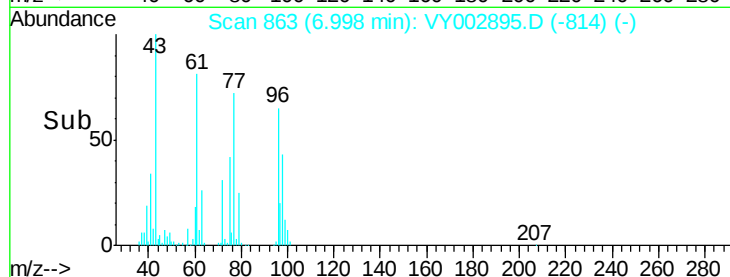
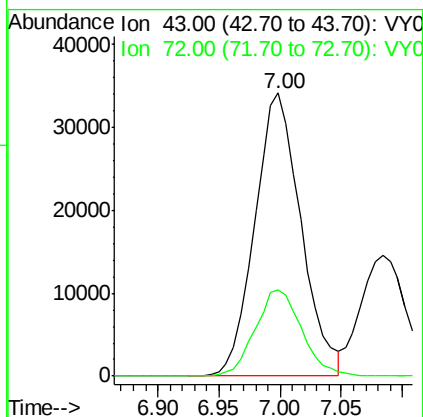
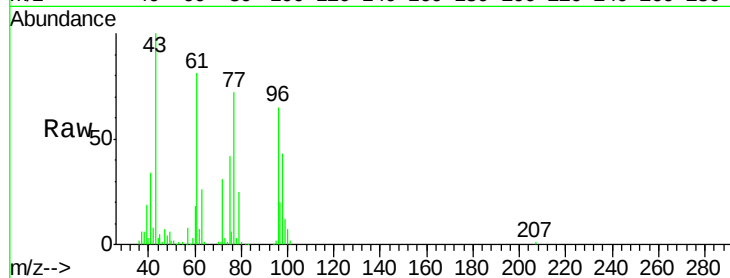
VY0615SBS01

Tot Ion: 43 Resp: 89960

Ion Ratio Lower Upper

43 100

72 30.5 23.9 35.9



#26

2,2-Dichloropropane

Concen: 20.719 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002895.D

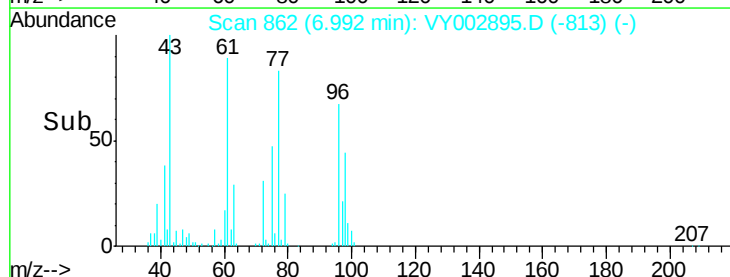
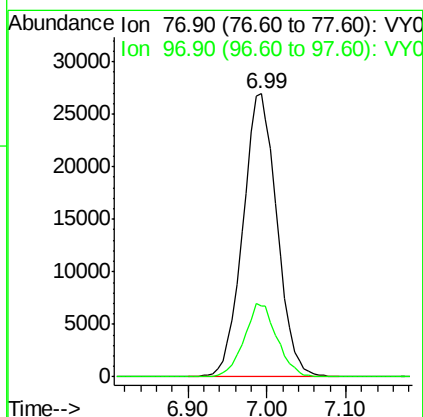
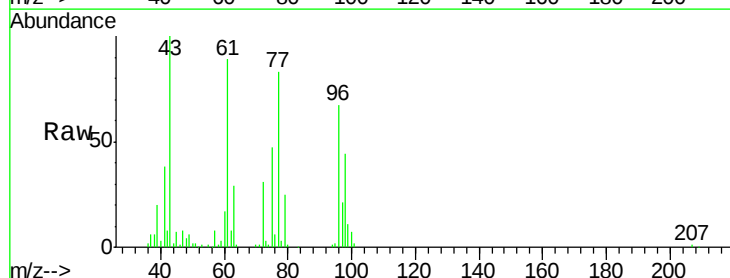
Acq: 15 Jun 2020 11:36

Tgt Ion: 77 Resp: 80802

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6



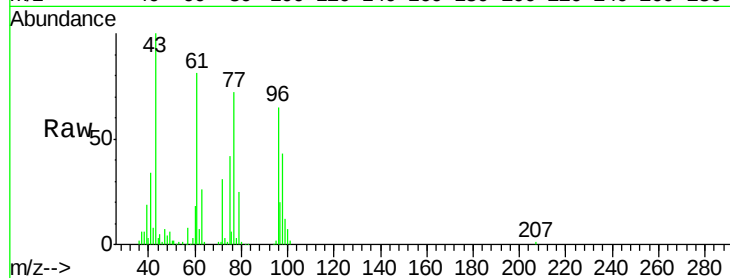


#27

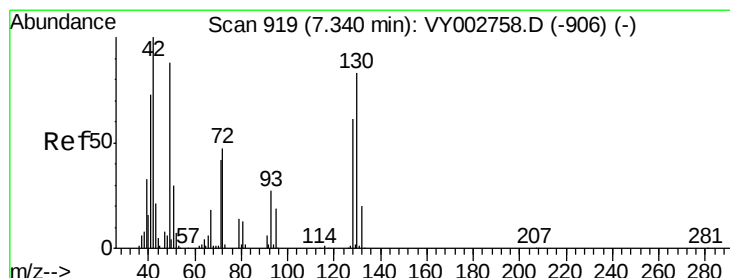
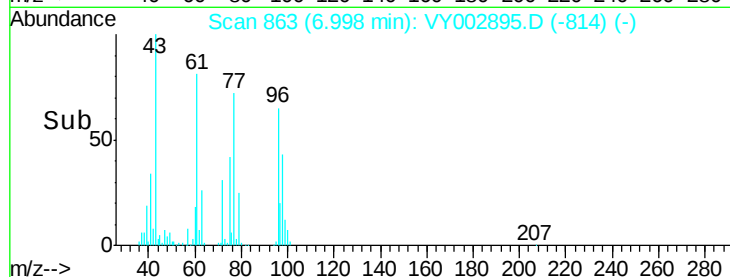
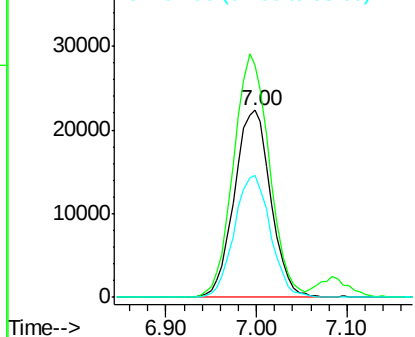
cis-1,2-Dichloroethene
Concen: 21.209 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 96 Resp: 62276
Ion Ratio Lower Upper
96 100
61 128.0 0.0 260.2
98 64.4 0.0 128.2



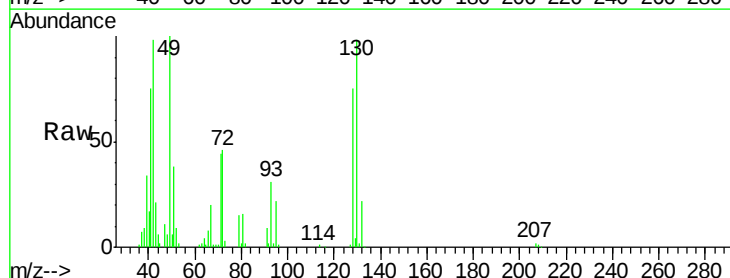
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



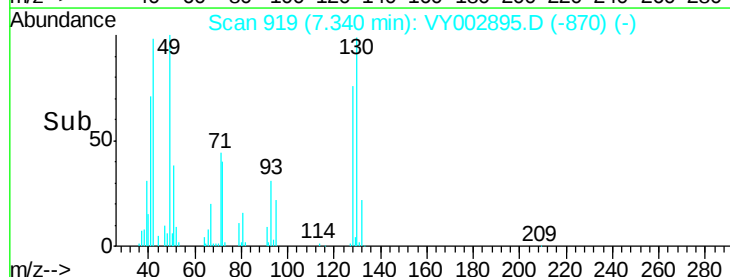
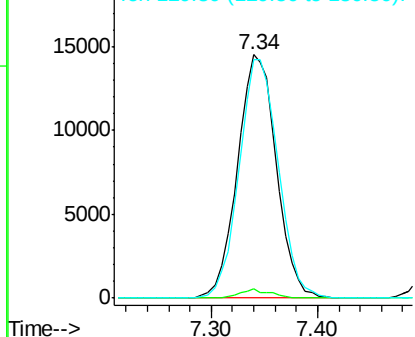
#28

Bromochloromethane
Concen: 22.209 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 49 Resp: 37073
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.2
130 99.1 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: 102.960 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

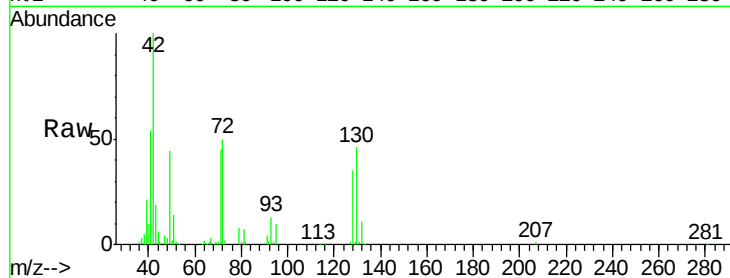
Tot Ion: 42 Resp: 58242

Ion Ratio Lower Upper

42 100

72 48.6 38.6 58.0

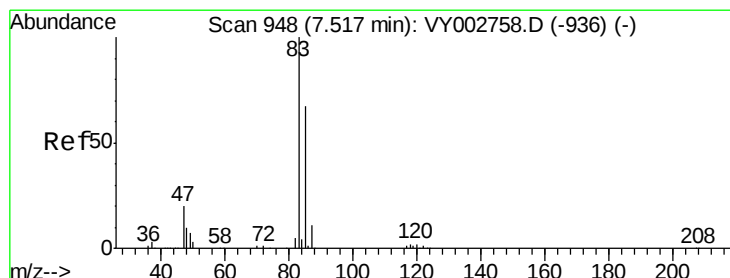
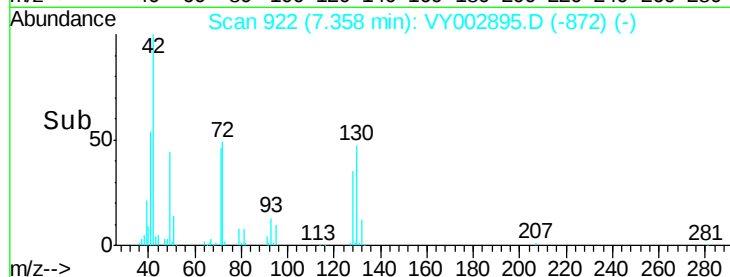
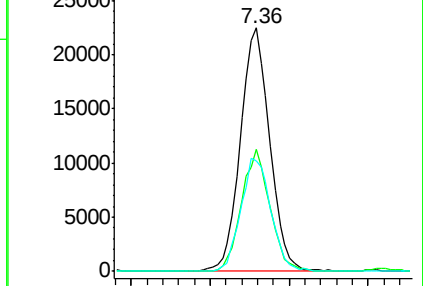
71 47.2 35.8 53.8



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: 21.514 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002895.D

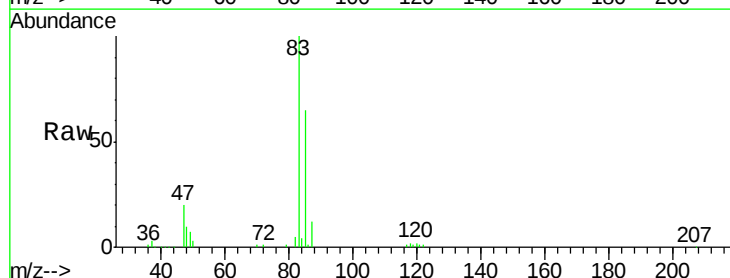
Acq: 15 Jun 2020 11:36

Tgt Ion: 83 Resp: 92831

Ion Ratio Lower Upper

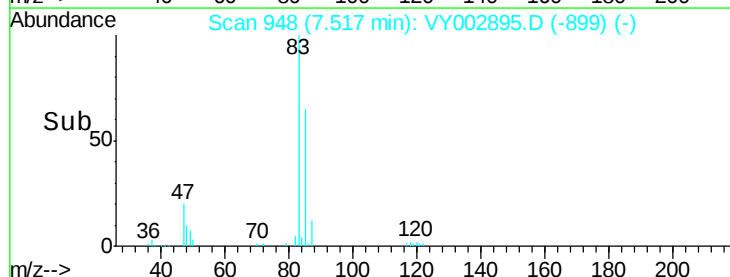
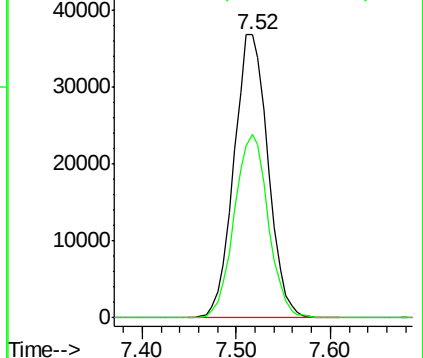
83 100

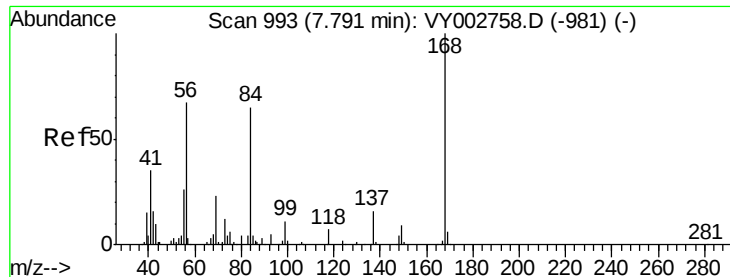
85 64.8 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

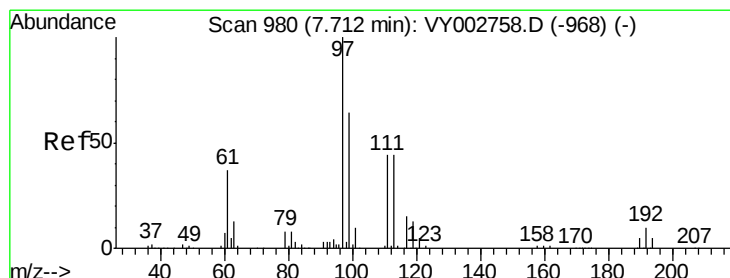
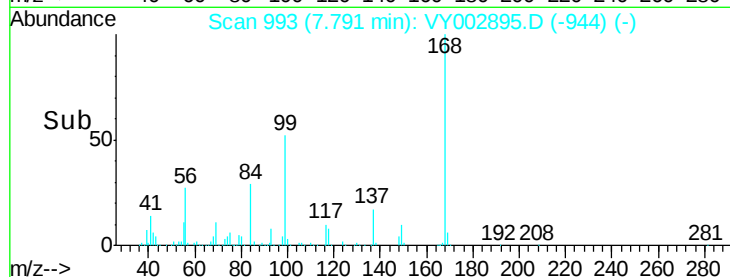
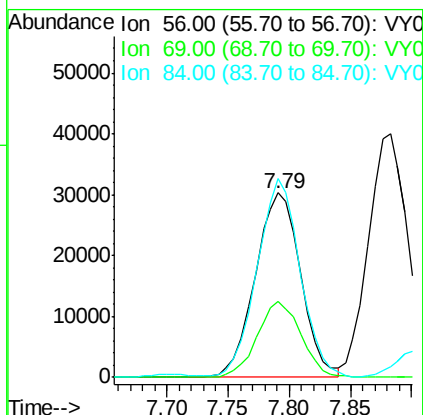
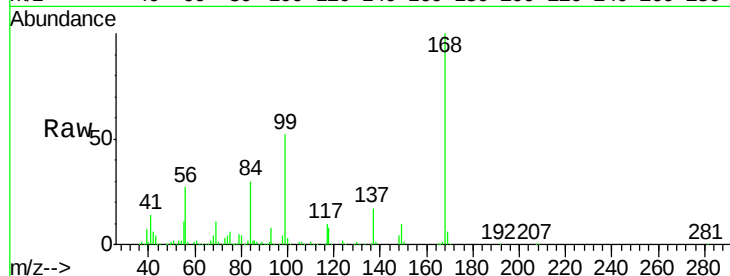




#31
Cyclohexane
Concen: 19.451 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

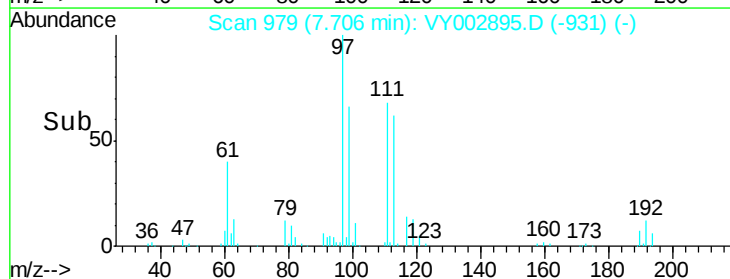
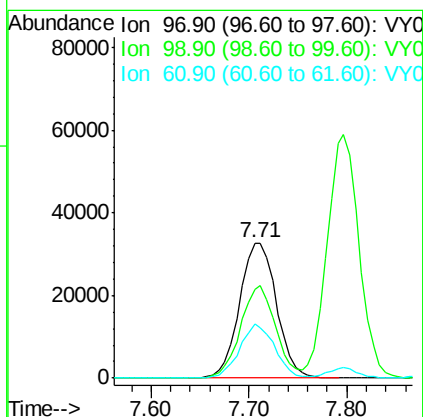
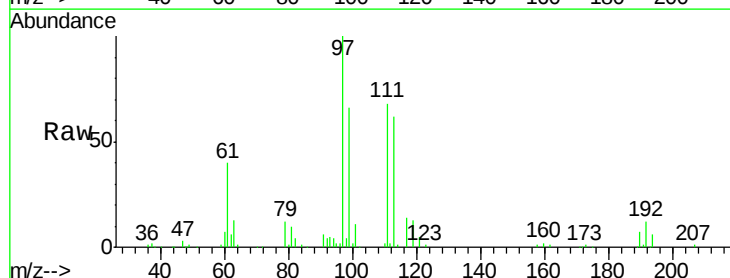
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 56 Resp: 78530
Ion Ratio Lower Upper
56 100
69 40.8 28.0 42.0
84 106.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.349 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 97 Resp: 85841
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 38.3 30.1 45.1

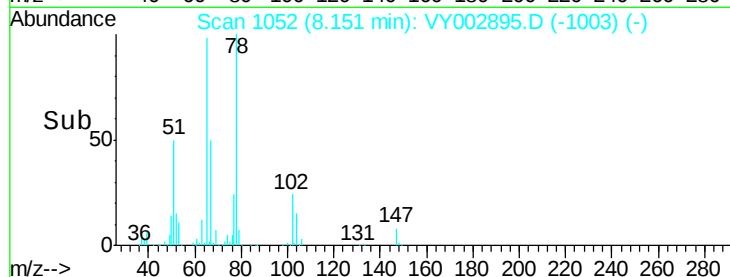
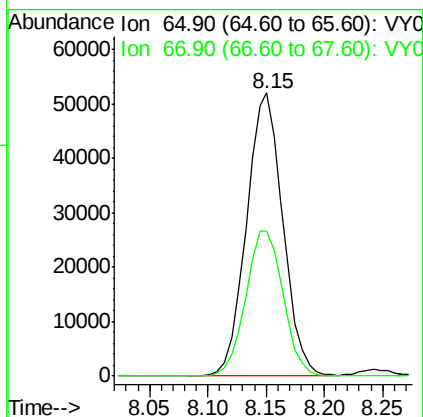
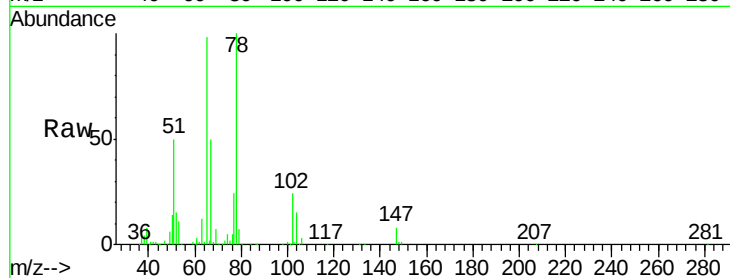




#33
 1,2-Dichloroethane-d4
 Concen: 47.470 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

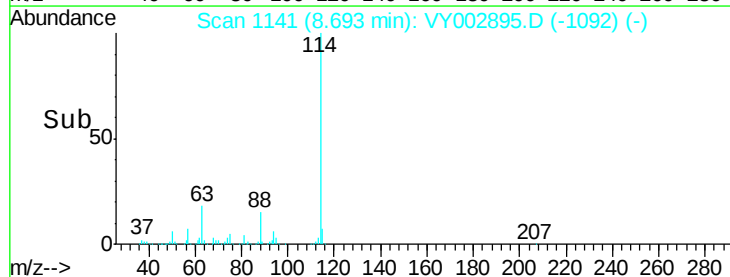
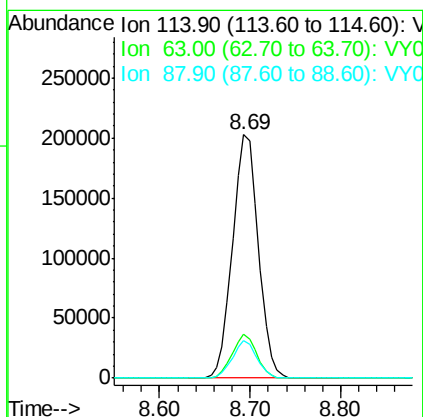
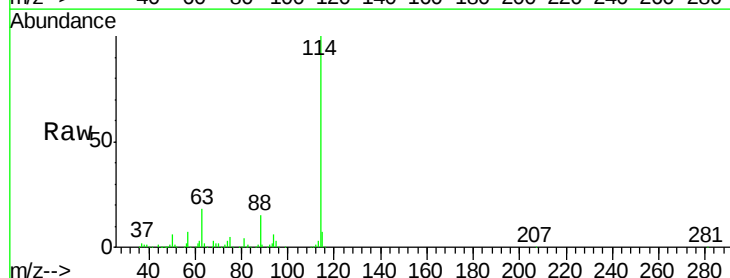
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion: 65 Resp: 113000
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion: 114 Resp: 400329
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 15.3 0.0 29.2

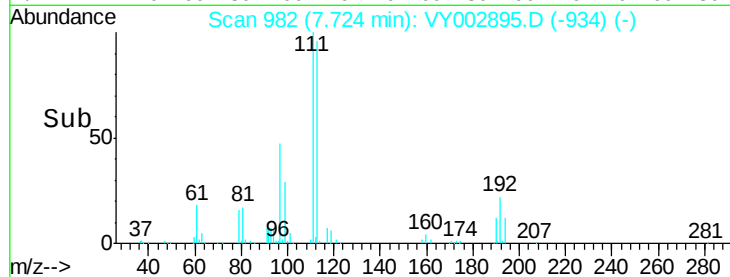
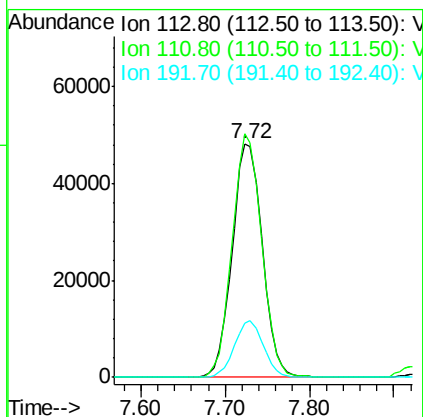
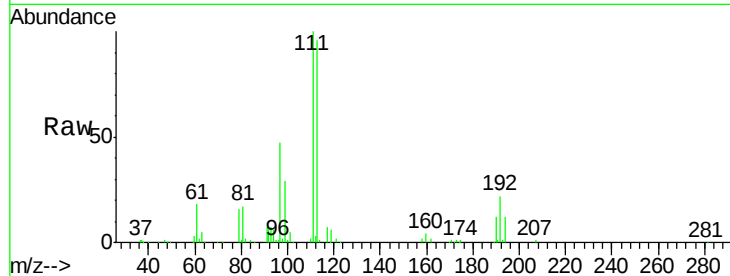




#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

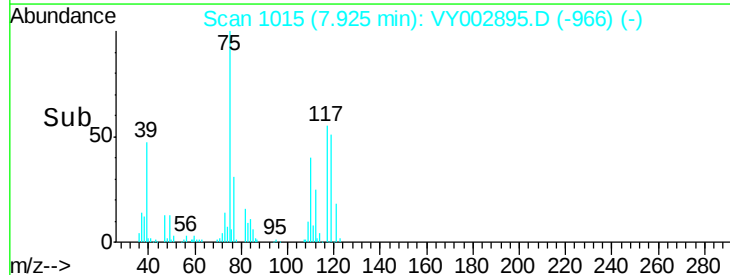
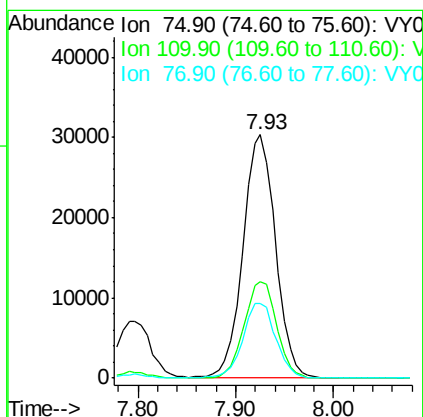
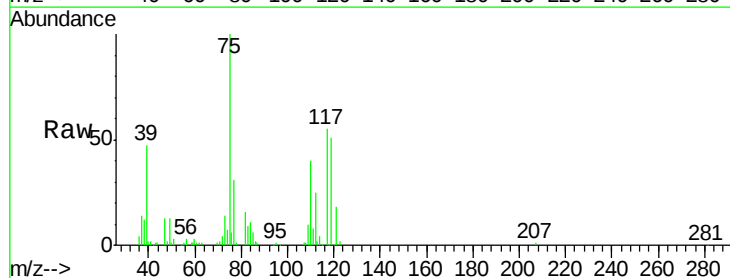
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBSD01

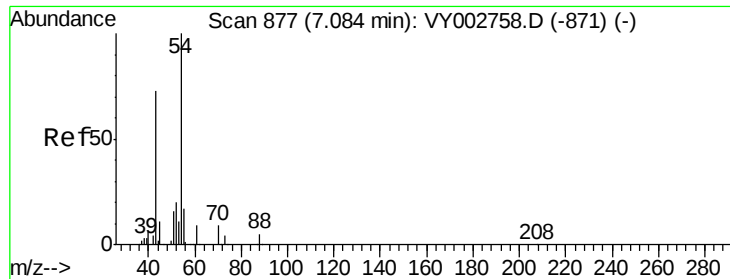
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.4	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 20.758 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.3	57.9
77	31.1	24.8	37.2

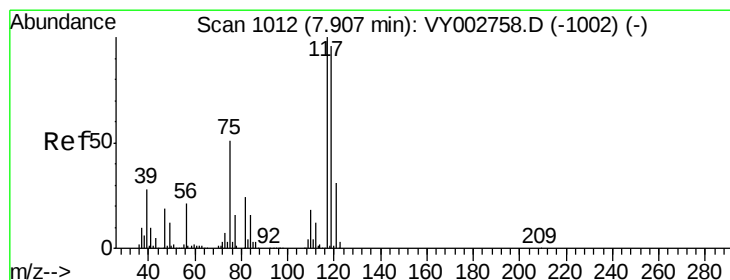
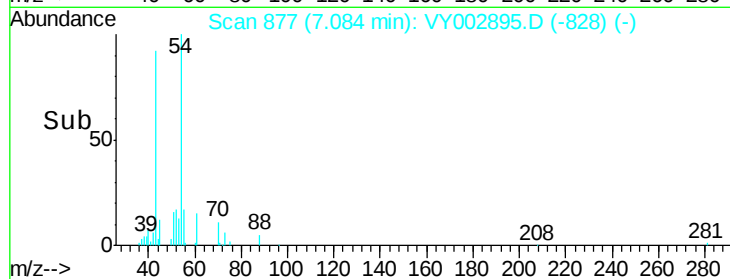
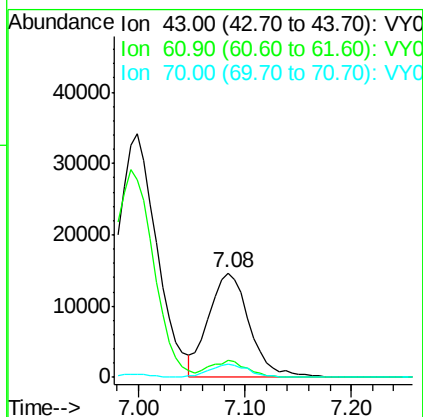
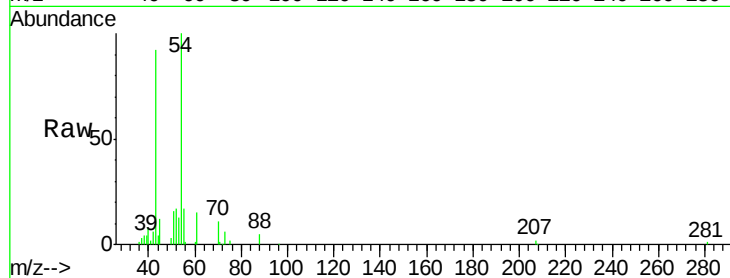




#37
Ethyl Acetate
Concen: 21.052 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

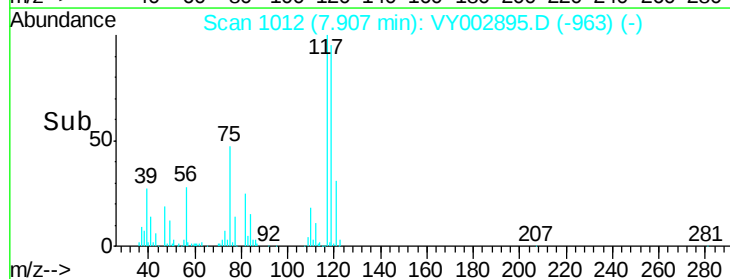
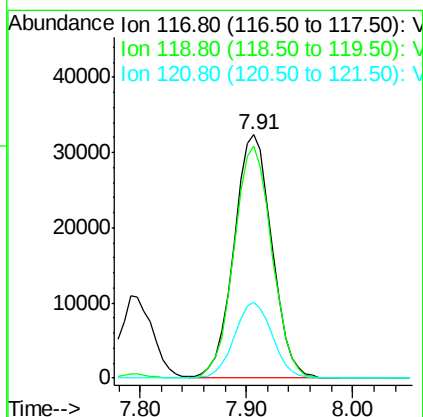
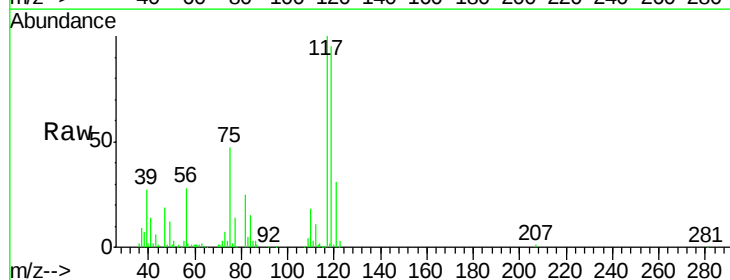
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

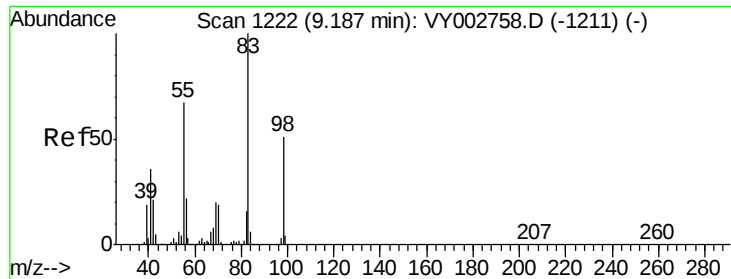
Tot Ion: 43 Resp: 38625
Ion Ratio Lower Upper
43 100
61 15.2 11.9 17.9
70 12.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 21.669 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 117 Resp: 81178
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
121 31.4 24.8 37.2

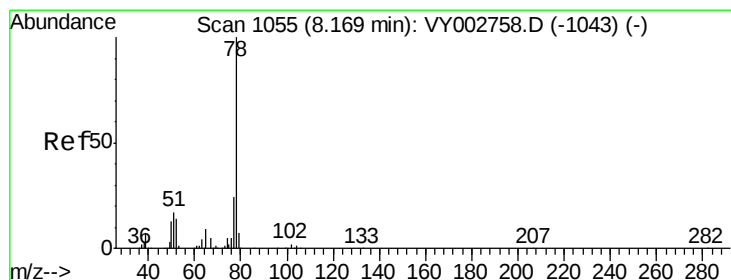
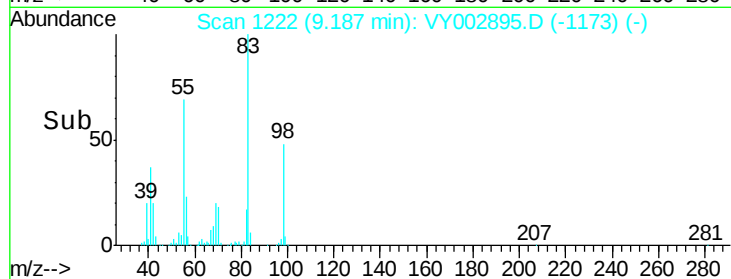
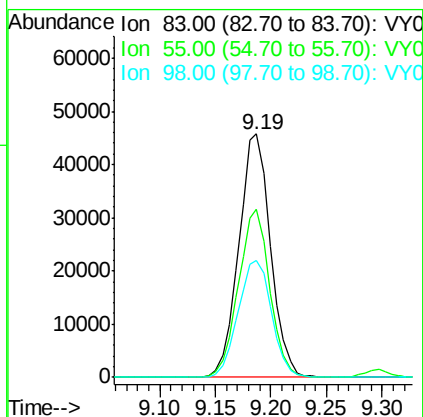
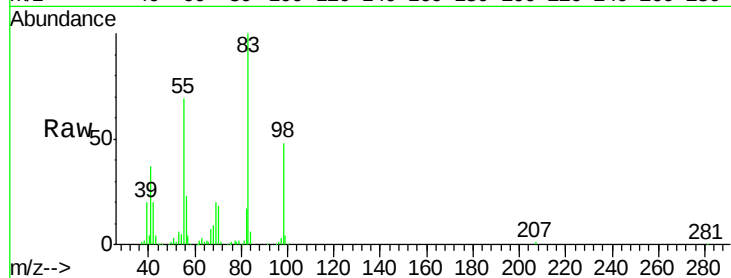




#39
Methvlcvclohexane
Concen: 20.340 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

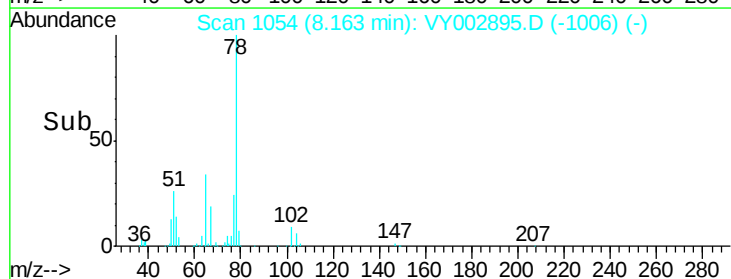
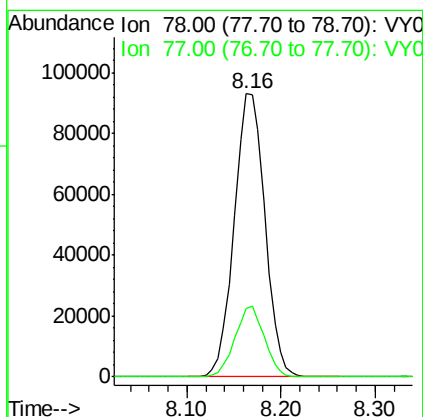
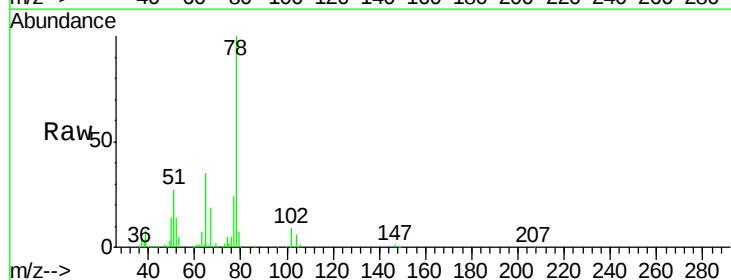
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

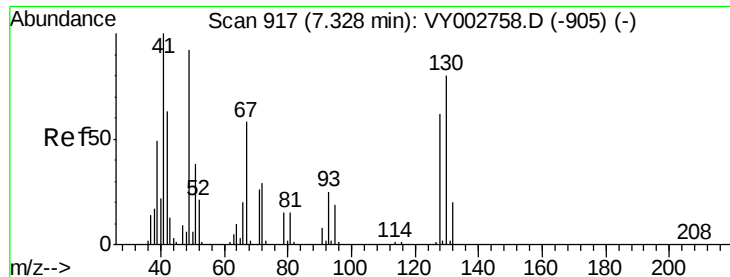
Tot Ion: 83 Resp: 90409
Ion Ratio Lower Upper
83 100
55 69.1 53.3 79.9
98 48.2 41.1 61.7



#40
Benzene
Concen: 21.119 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 78 Resp: 210441
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2

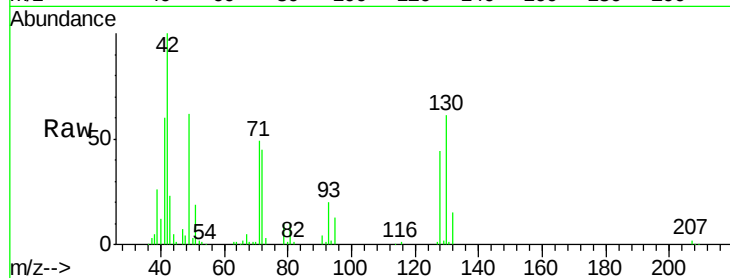




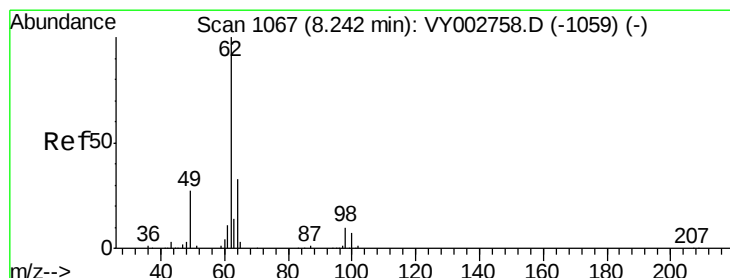
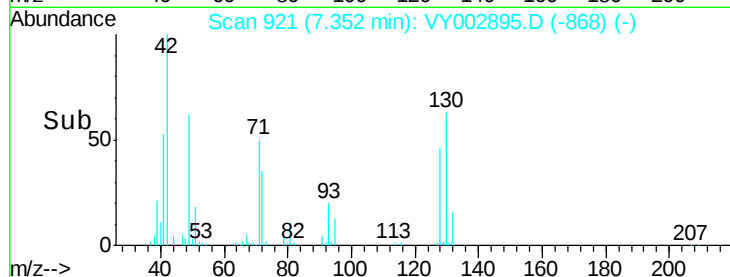
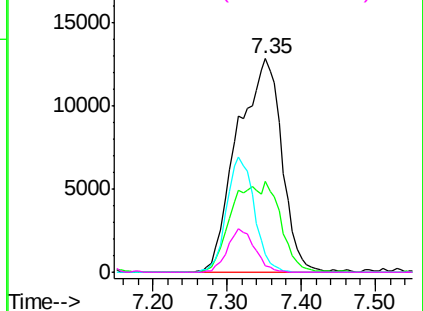
#41
Methacrylonitrile
Concen: 54.565 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion: 41 Resp: 53784
Ion Ratio Lower Upper
41 100
39 28.7 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

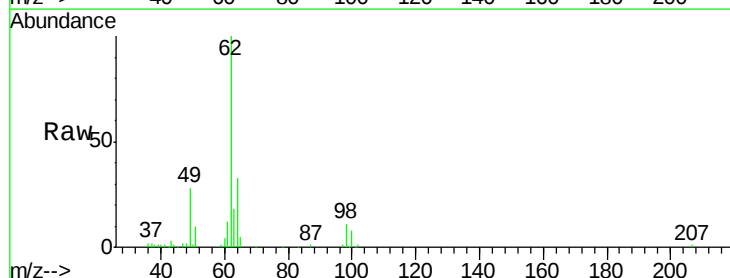


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

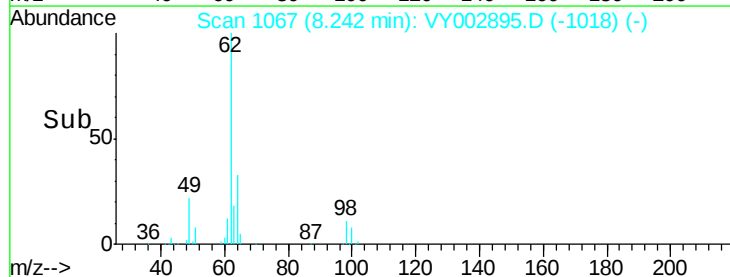
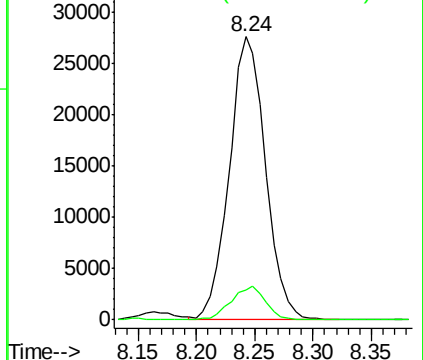


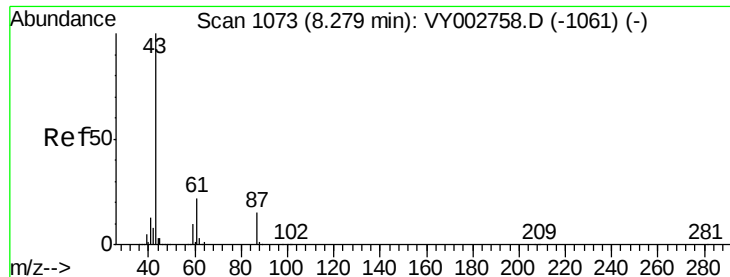
#42
1,2-Dichloroethane
Concen: 21.383 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 62 Resp: 59713
Ion Ratio Lower Upper
62 100
98 11.4 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: 21.032 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

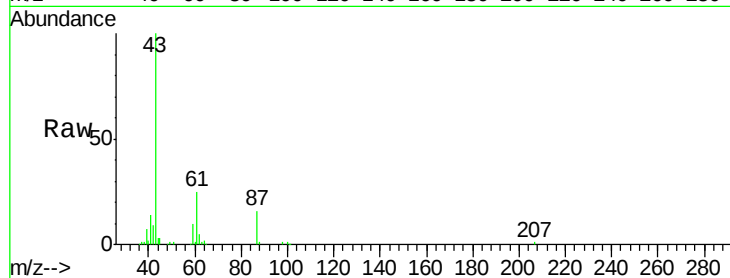
Tot Ion: 43 Resp: 73127

Ion Ratio Lower Upper

43 100

61 31.7 24.8 37.2

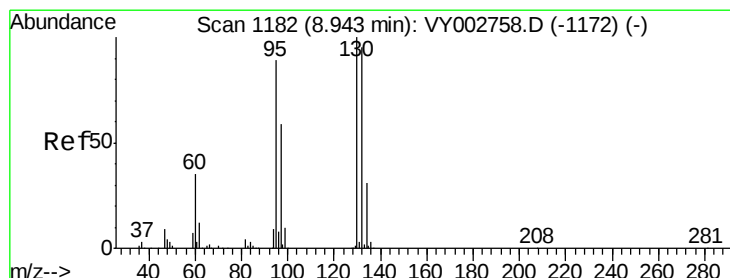
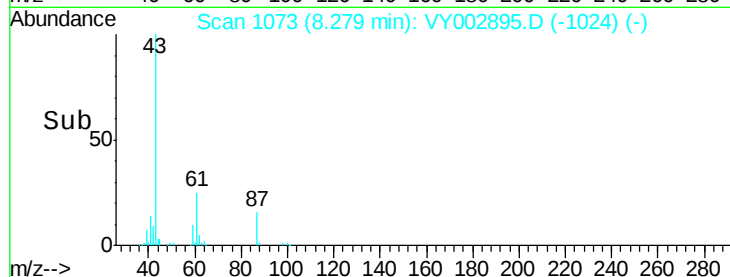
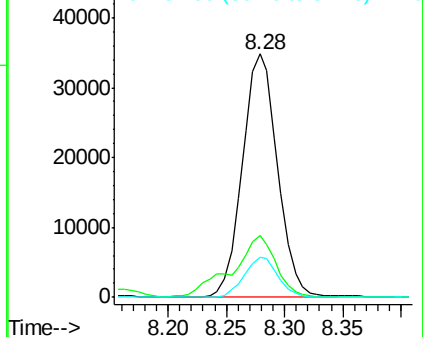
87 15.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002895.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002895.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002895.D (-1024) (-)



#44

Trichloroethene

Concen: 21.104 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002895.D

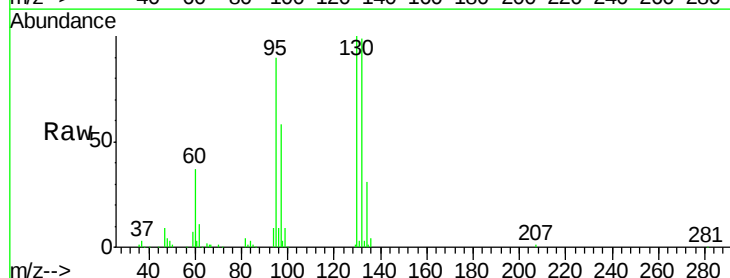
Acq: 15 Jun 2020 11:36

Tgt Ion: 130 Resp: 66425

Ion Ratio Lower Upper

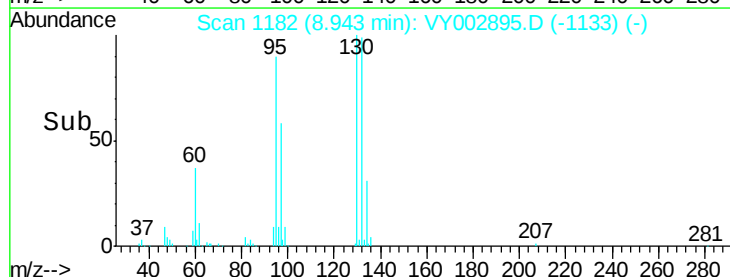
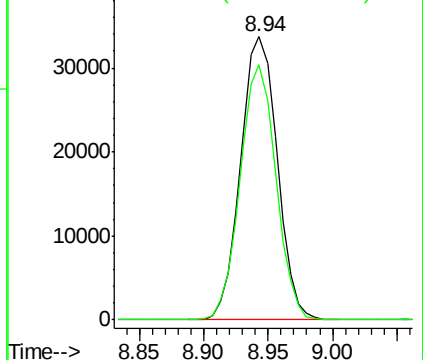
130 100

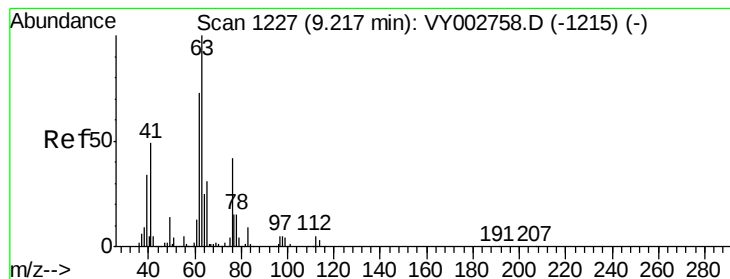
95 90.1 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002895.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002895.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 21.109 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

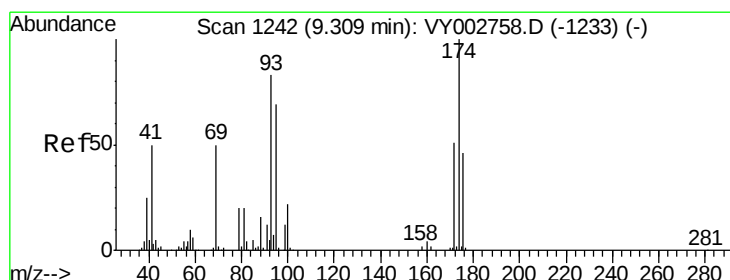
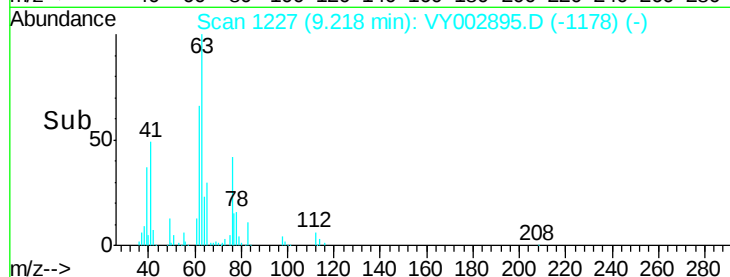
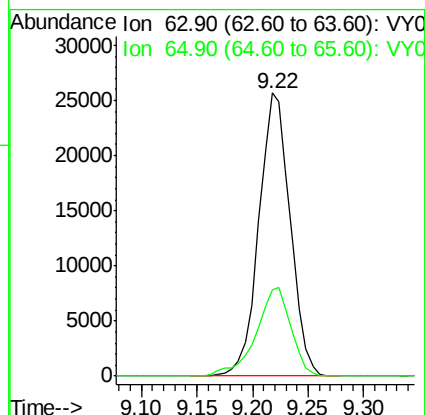
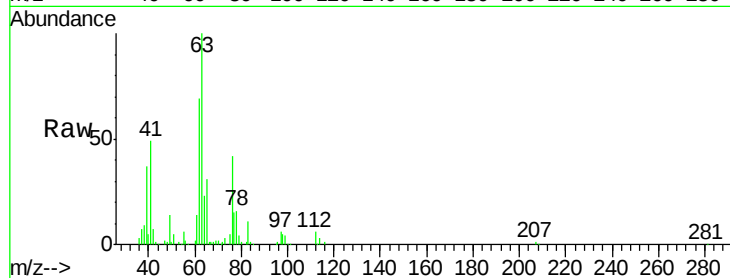
VY0615SBS01

Tot Ion: 63 Resp: 50442

Ion Ratio Lower Upper

63 100

65 30.5 24.8 37.2



#46

Dibromomethane

Concen: 21.213 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

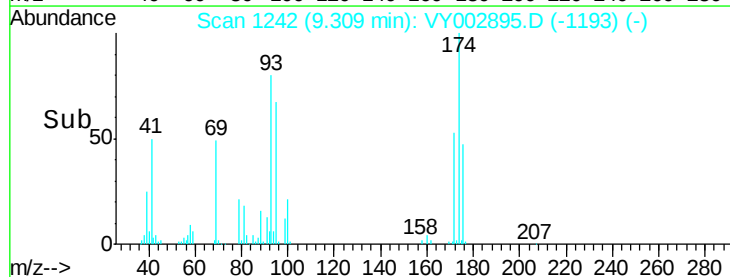
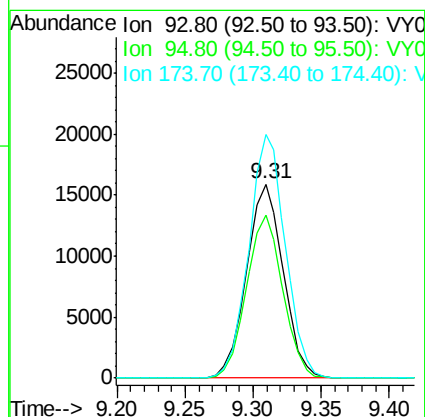
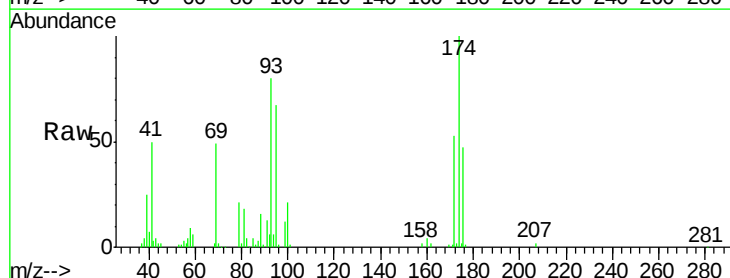
Tgt Ion: 93 Resp: 30104

Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

174 124.5 97.7 146.5





#47

Bromodichloromethane

Concen: 21.858 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

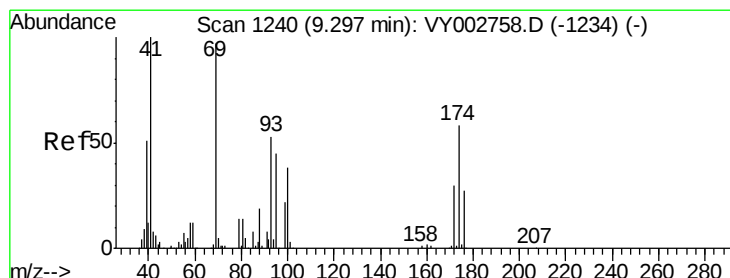
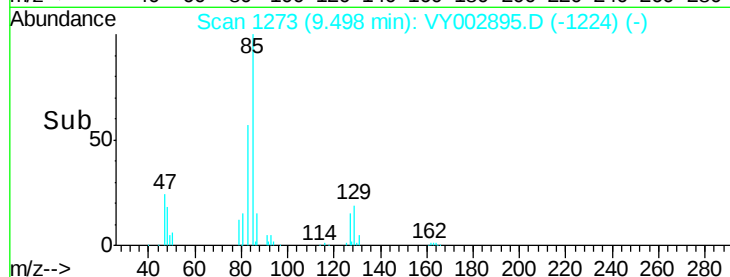
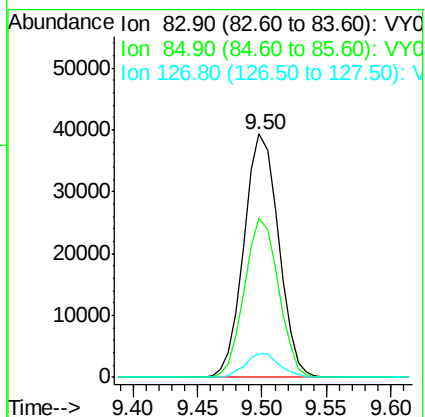
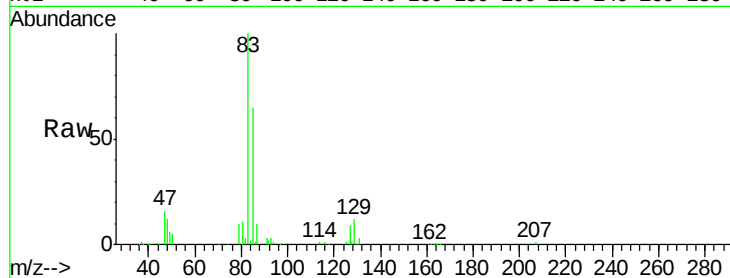
Tot Ion: 83 Resp: 73128

Ion Ratio Lower Upper

83 100

85 65.3 51.9 77.9

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 21.248 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

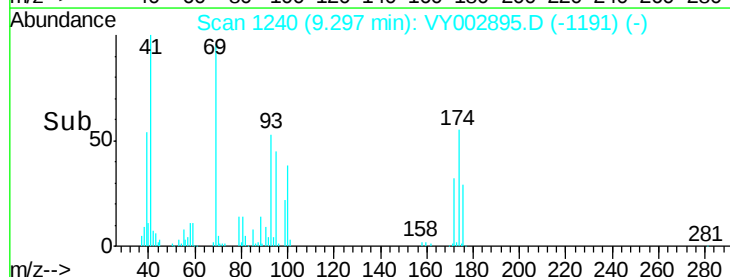
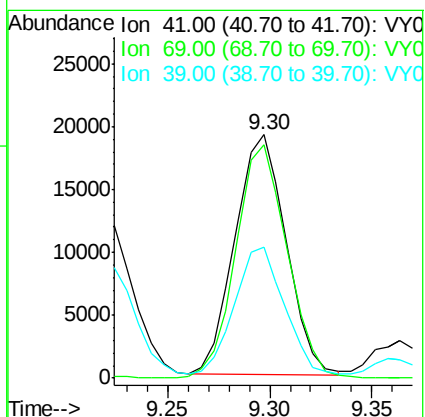
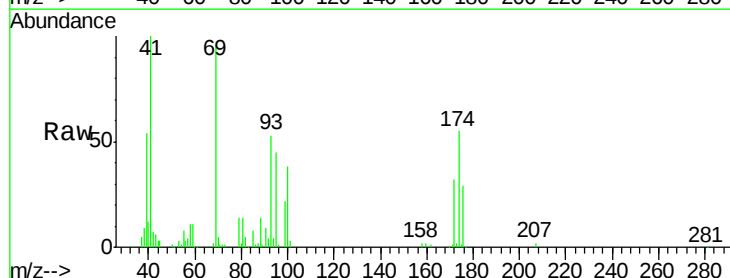
Tgt Ion: 41 Resp: 33351

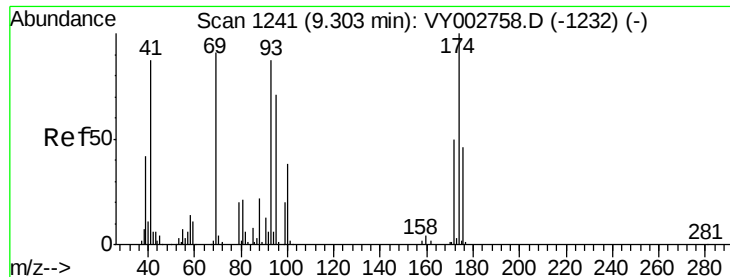
Ion Ratio Lower Upper

41 100

69 97.2 79.7 119.5

39 55.0 43.3 64.9

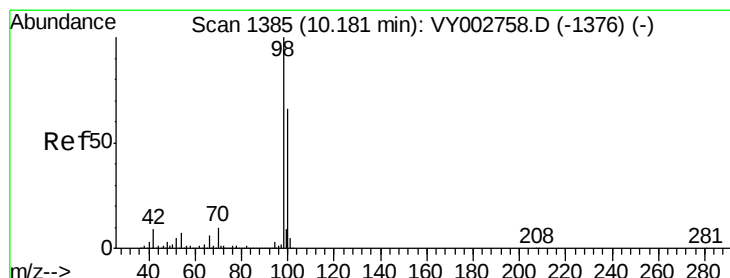
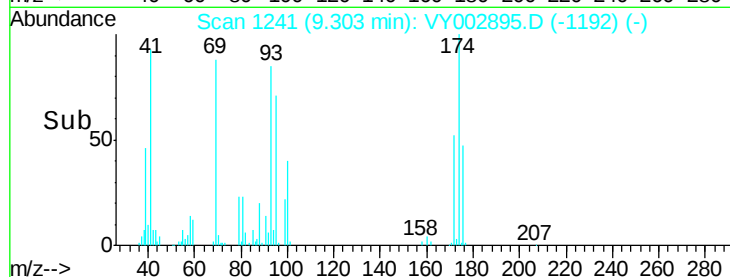
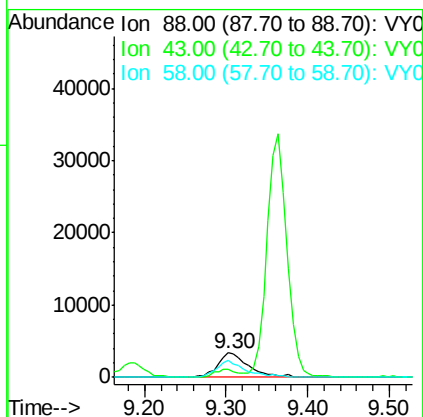
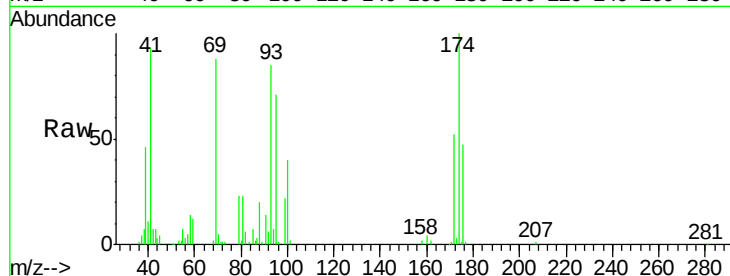




#49
1,4-Dioxane
Concen: 413.165 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

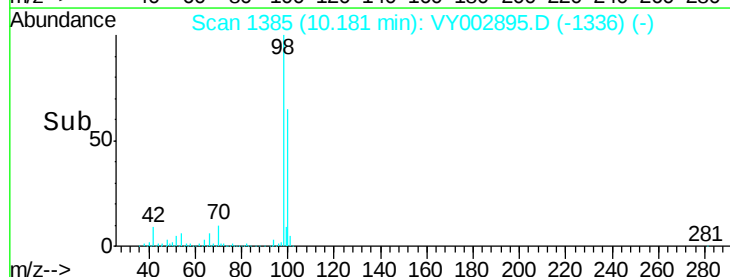
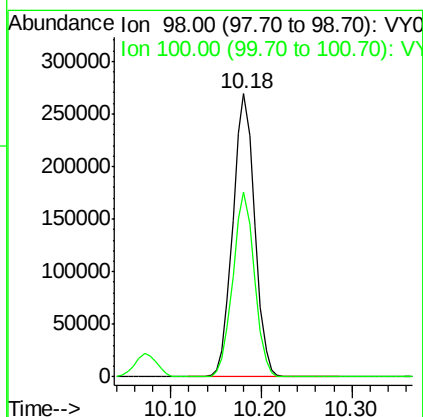
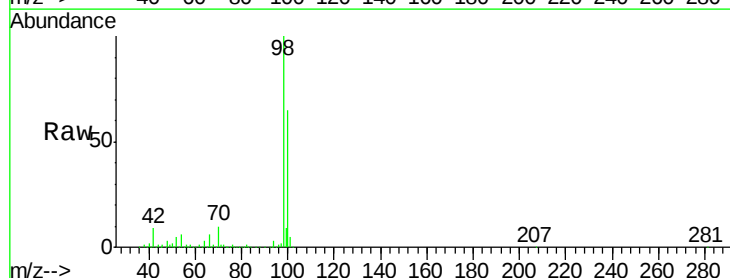
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

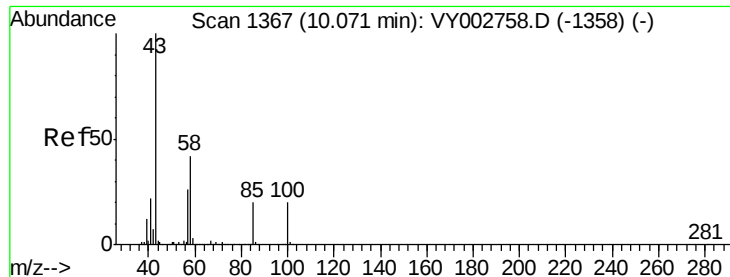
Tot Ion: 88 Resp: 9003
Ion Ratio Lower Upper
88 100
43 25.7 21.3 31.9
58 65.7 52.2 78.2



#50
Toluene-d8
Concen: 47.316 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 98 Resp: 448843
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 106.093 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

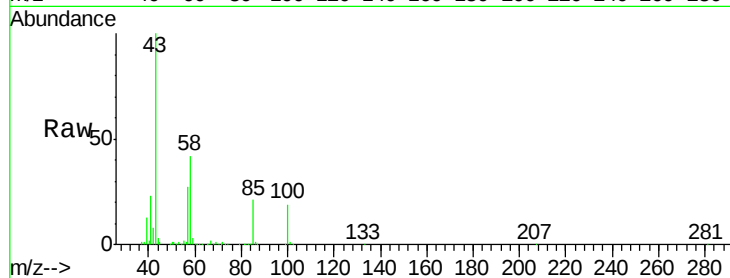
VY0615SBS01

Tot Ion: 43 Resp: 195328

Ion Ratio Lower Upper

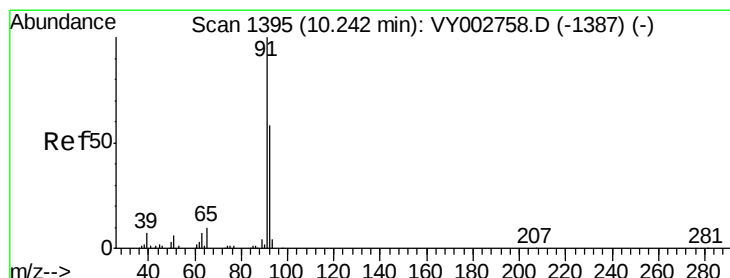
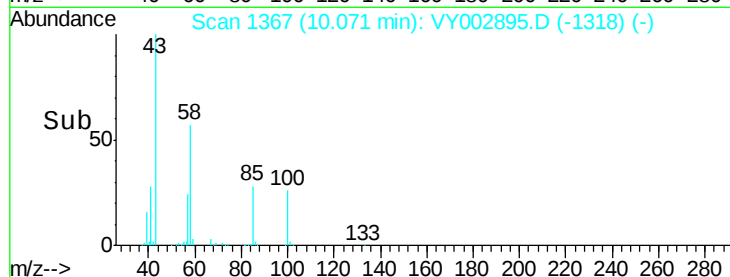
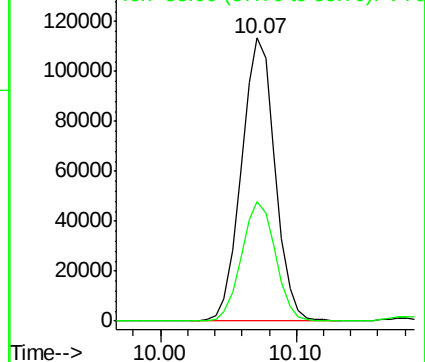
43 100

58 42.5 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.268 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002895.D

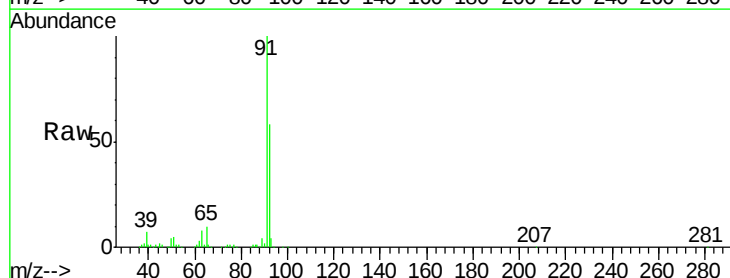
Acq: 15 Jun 2020 11:36

Tgt Ion: 92 Resp: 138633

Ion Ratio Lower Upper

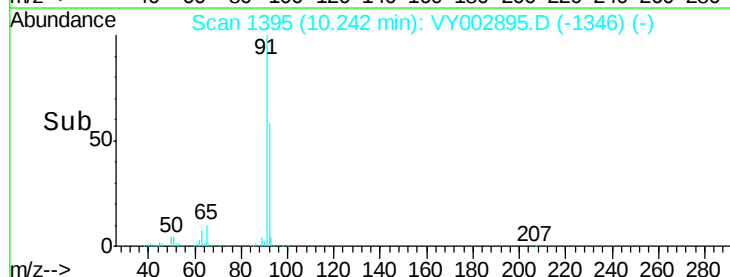
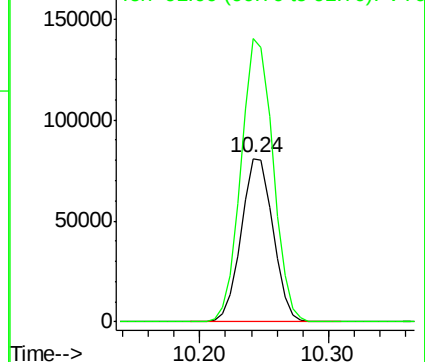
92 100

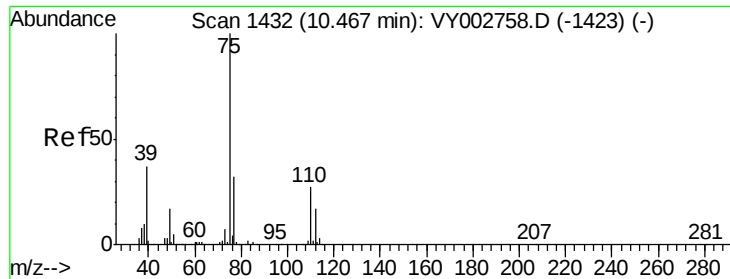
91 173.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 21.655 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

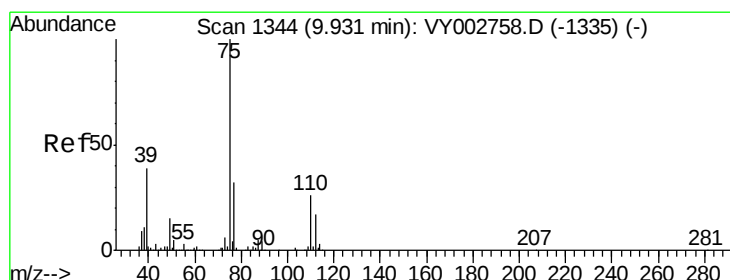
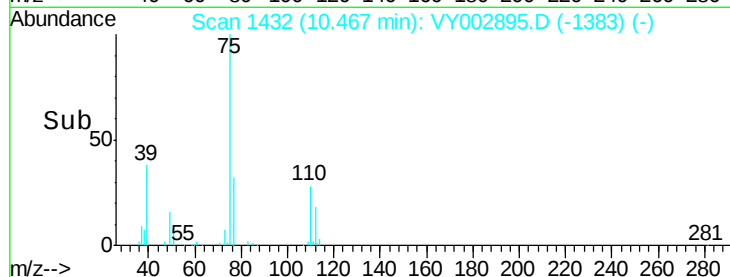
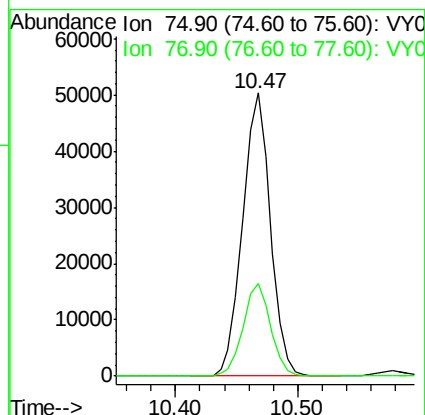
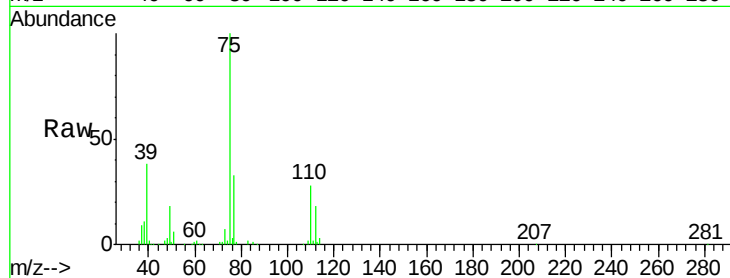
VY0615SBS01

Tot Ion: 75 Resp: 79131

Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.535 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

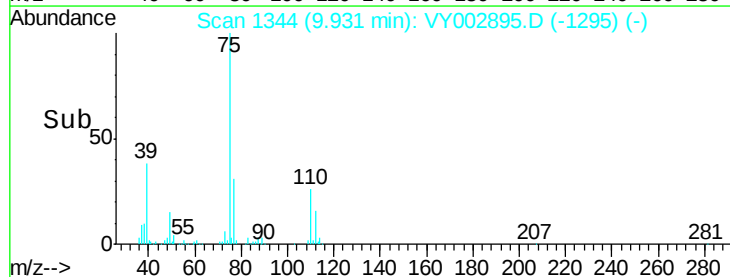
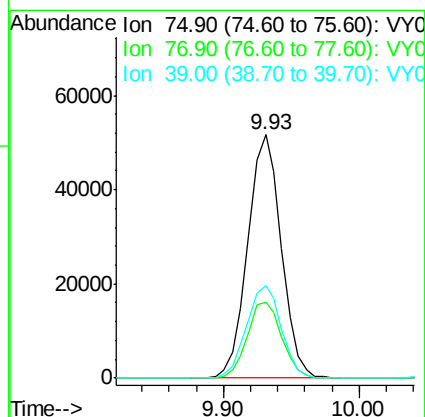
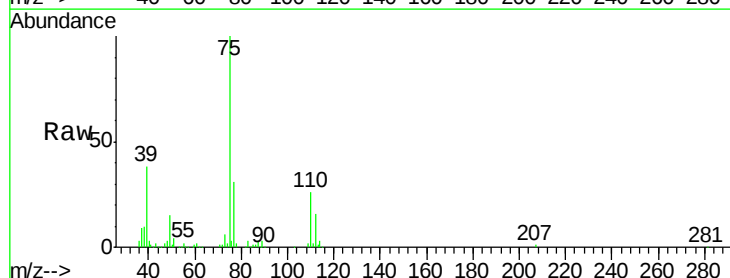
Tgt Ion: 75 Resp: 89166

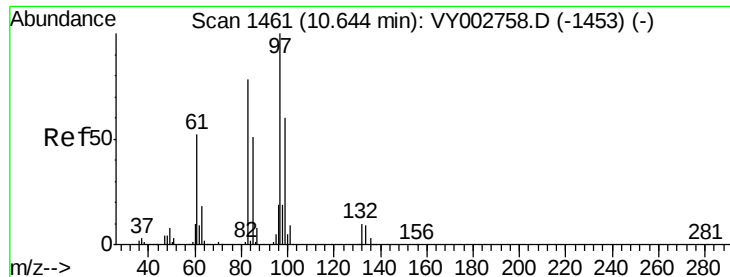
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 37.8 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 21.395 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

Tot Ion: 97 Resp: 46484

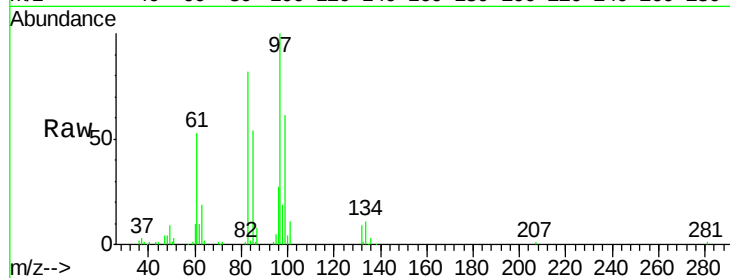
Ion Ratio Lower Upper

97 100

83 82.2 62.7 94.1

85 53.8 40.6 60.8

99 61.3 48.2 72.4

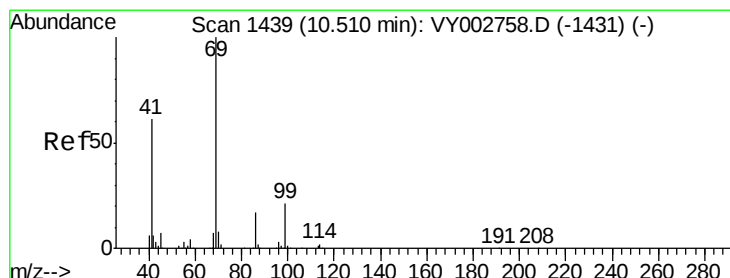
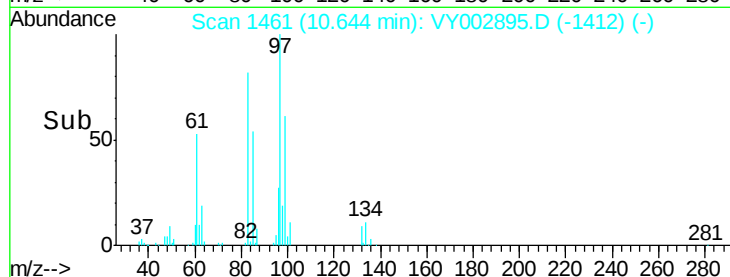
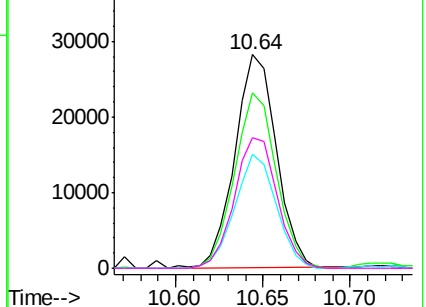


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.216 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

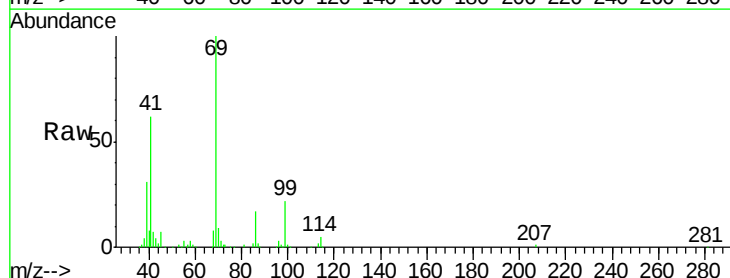
Tgt Ion: 69 Resp: 61740

Ion Ratio Lower Upper

69 100

41 58.4 47.0 70.4

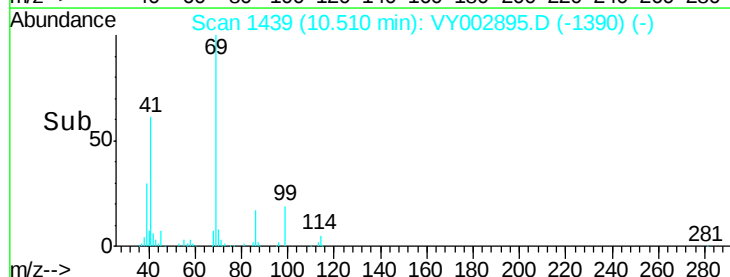
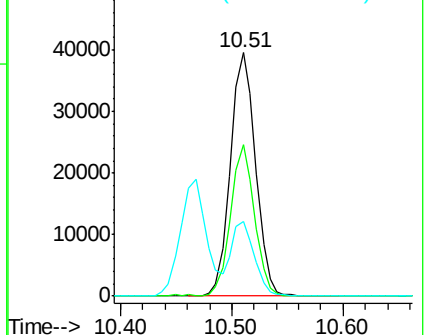
39 28.3 22.0 33.0



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.154 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

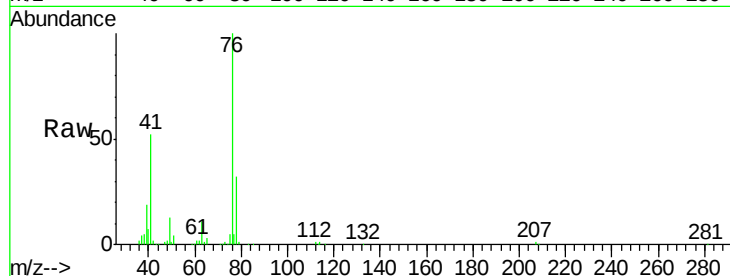
VY0615SBS01

Tot Ion: 76 Resp: 75596

Ion Ratio Lower Upper

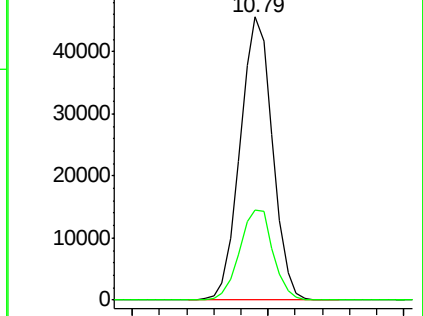
76 100

78 33.1 26.1 39.1

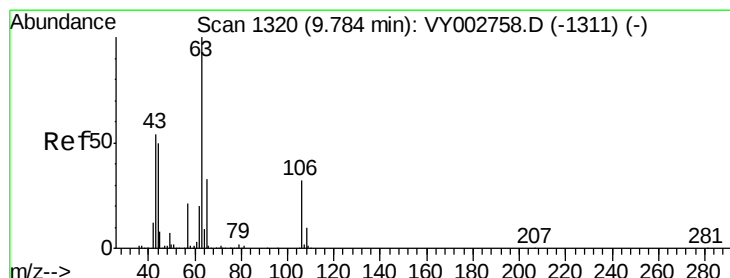
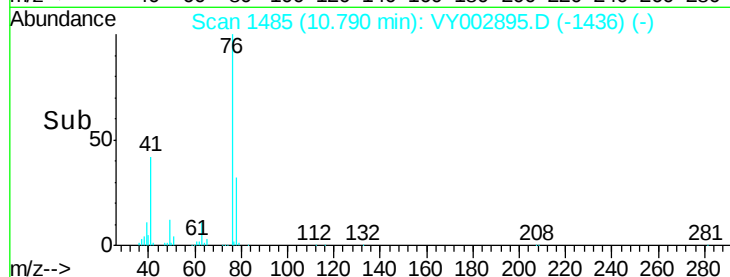


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 108.819 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002895.D

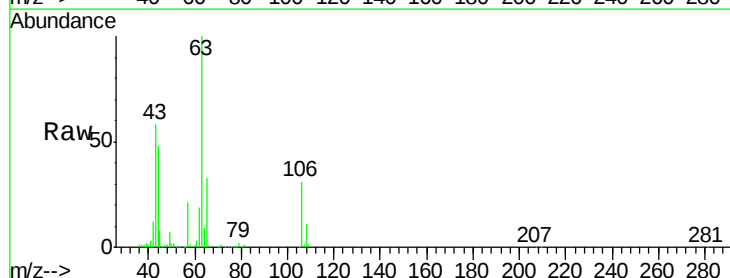
Acq: 15 Jun 2020 11:36

Tgt Ion: 63 Resp: 154733

Ion Ratio Lower Upper

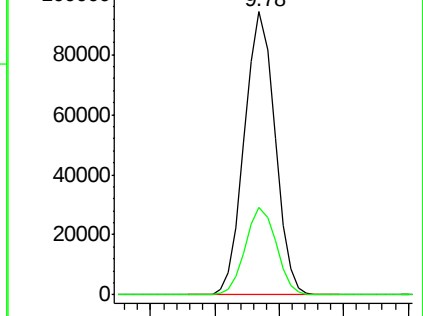
63 100

106 31.3 25.4 38.2

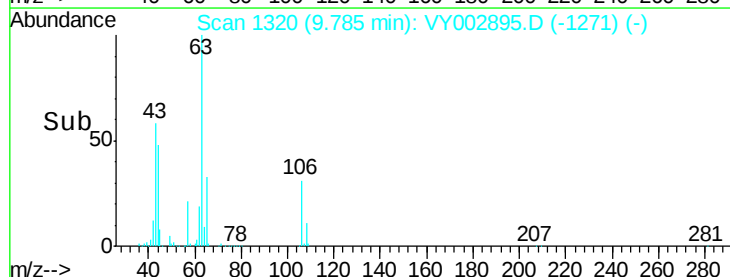


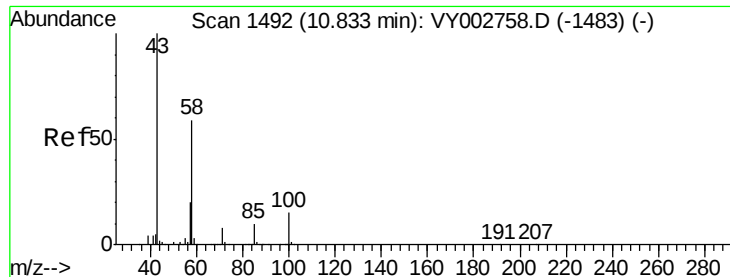
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.70 9.75 9.80 9.85

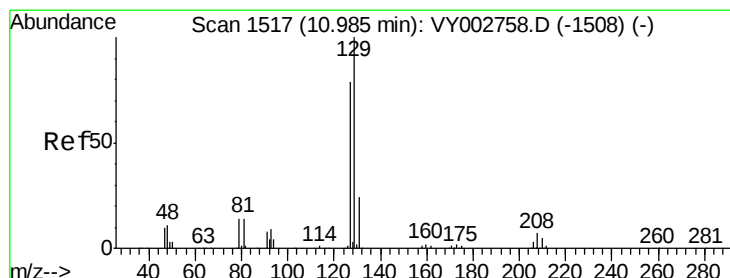
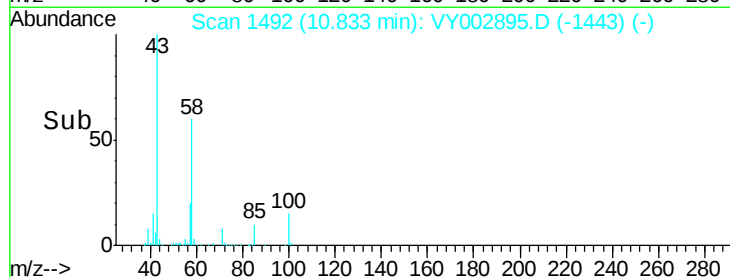
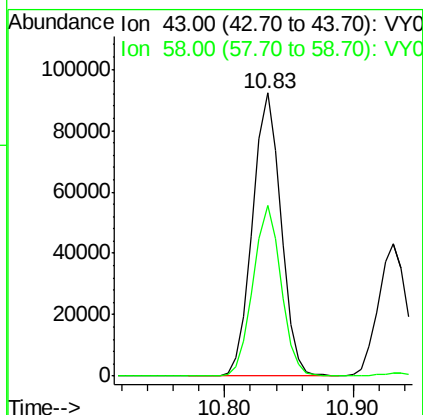
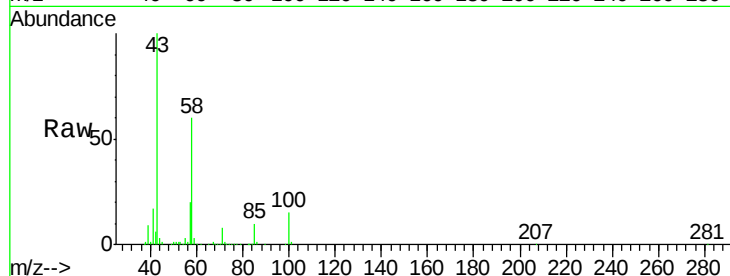




#59
2-Hexanone
Concen: 107.508 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

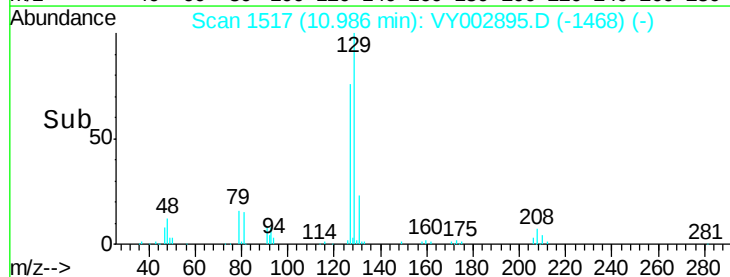
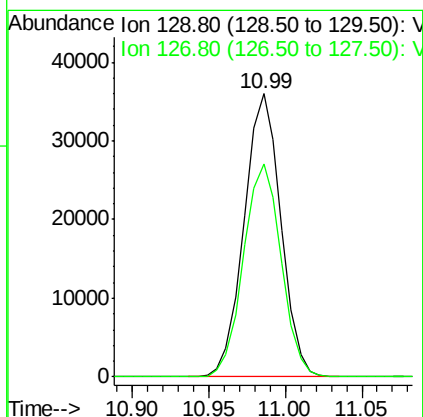
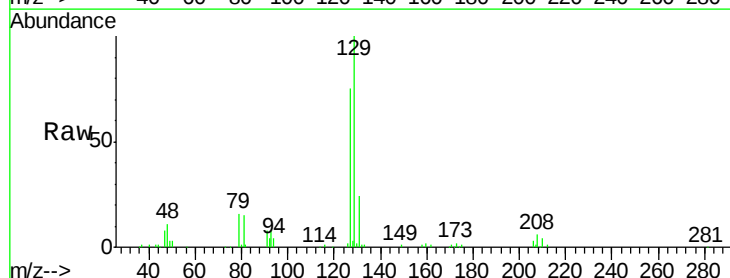
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

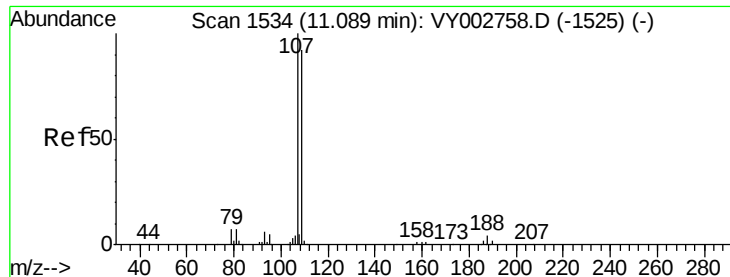
Tot Ion: 43 Resp: 140439
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 21.854 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 129 Resp: 60197
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

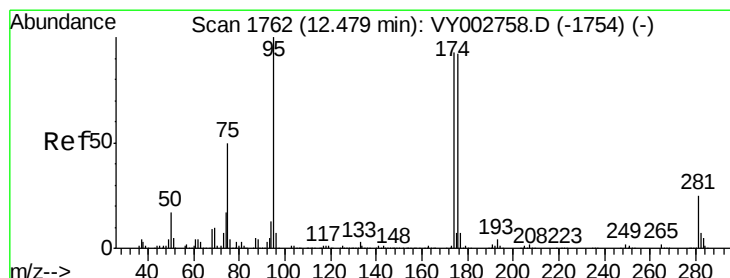
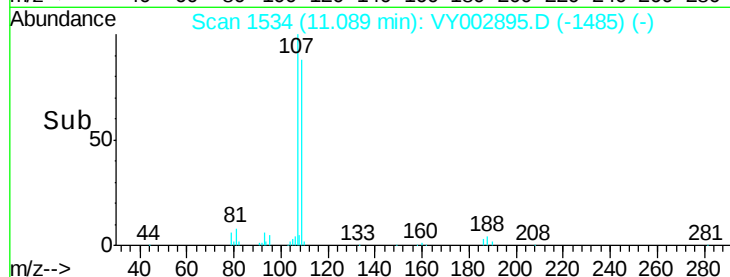
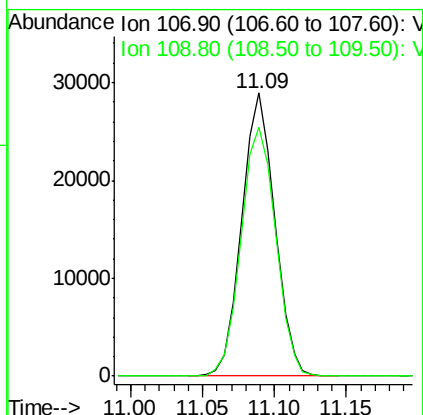
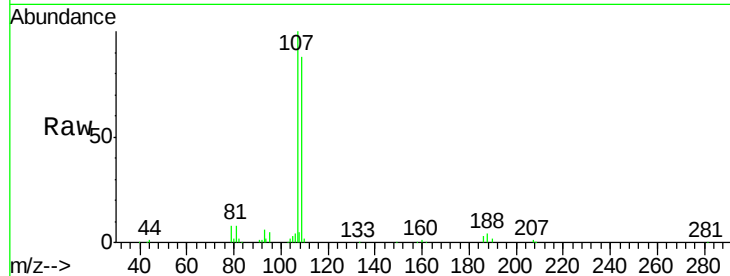




#61
 1,2-Dibromoethane
 Concen: 21.452 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

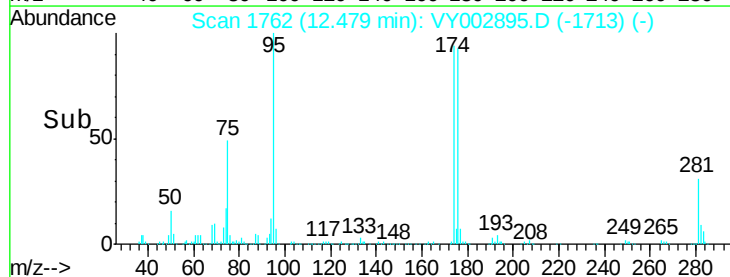
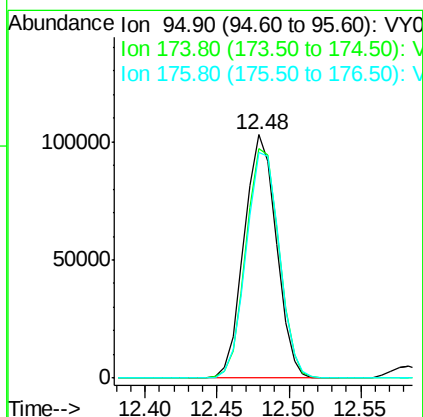
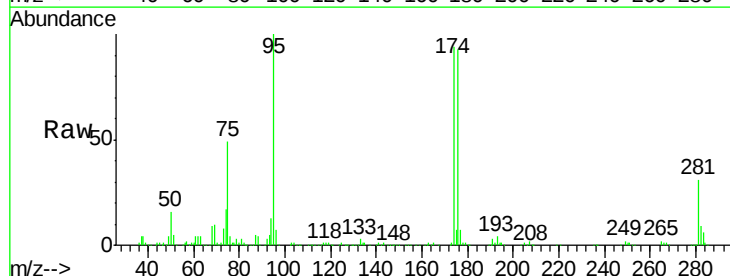
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

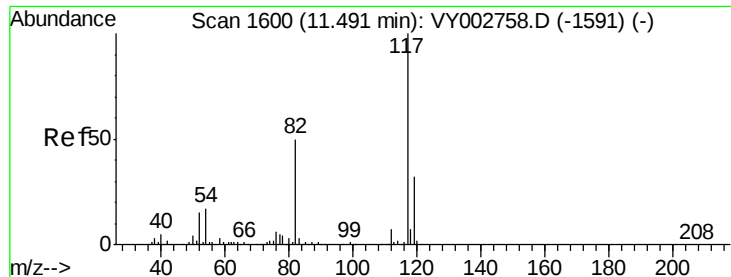
Tot Ion: 107 Resp: 45976
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.192 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion: 95 Resp: 159475
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 191.2
 176 95.2 0.0 188.8

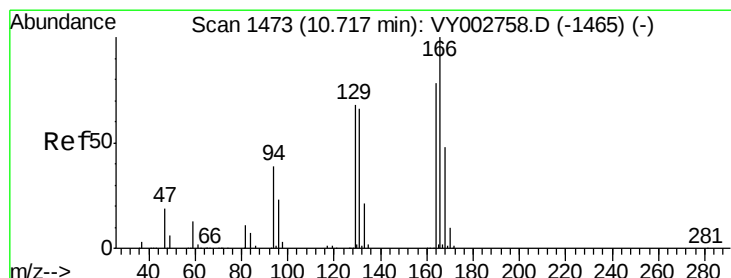
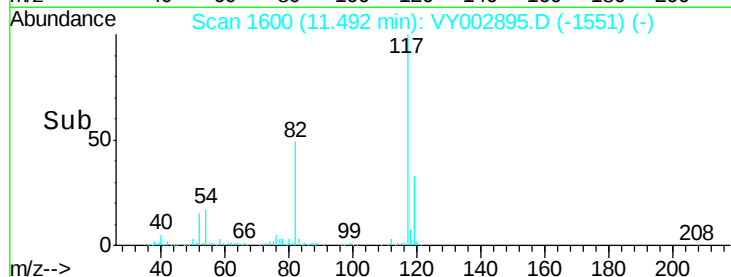
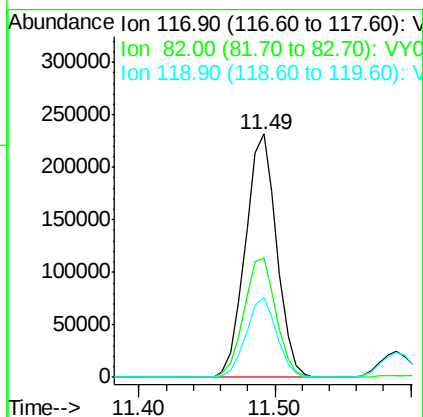
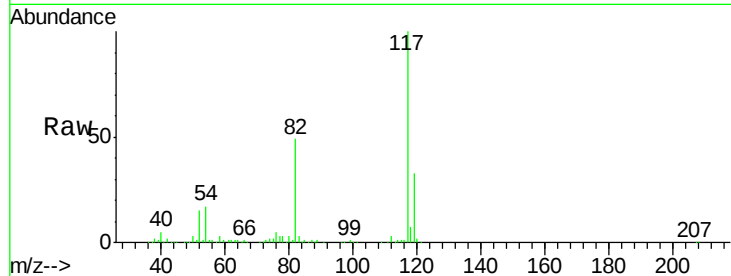




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

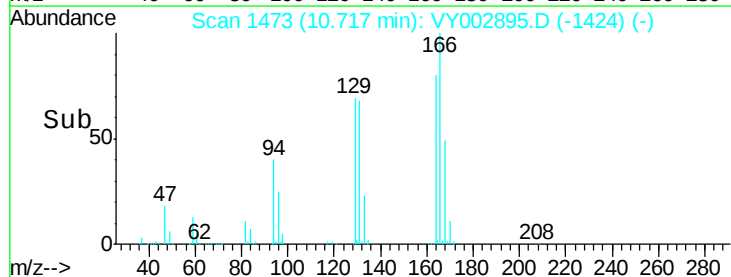
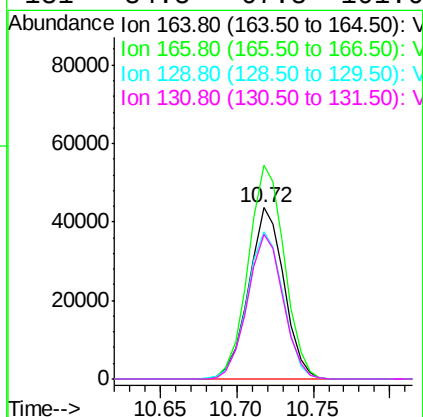
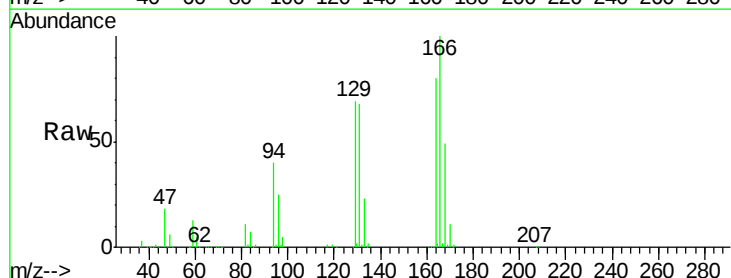
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

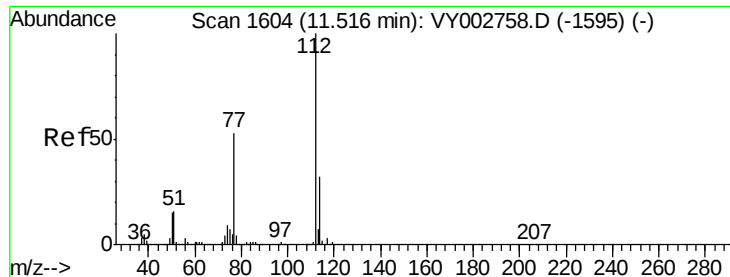
Tot Ion:117 Resp: 372394
Ion Ratio Lower Upper
117 100
82 49.0 40.2 60.4
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 20.722 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:164 Resp: 70135
Ion Ratio Lower Upper
164 100
166 124.8 102.3 153.5
129 86.2 69.4 104.2
131 84.5 67.8 101.6

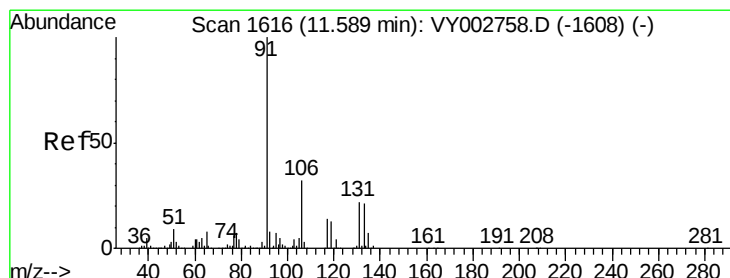
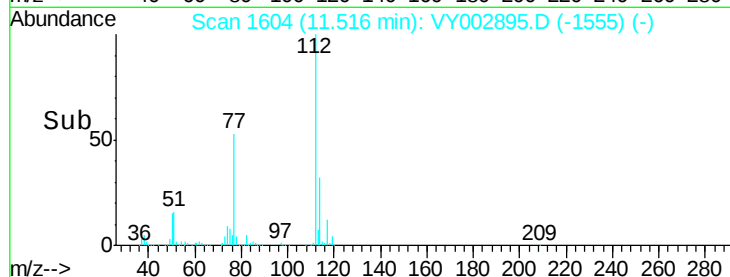
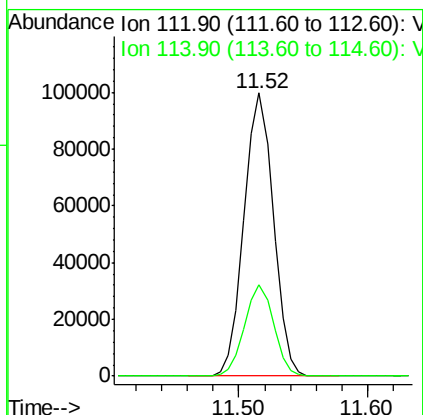
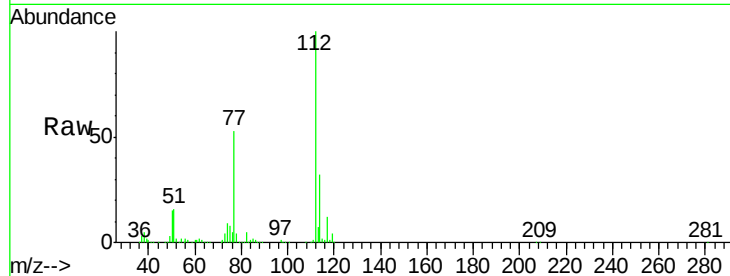




#65
Chlorobenzene
Concen: 21.378 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

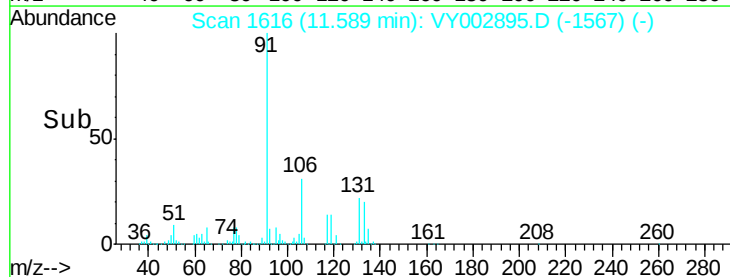
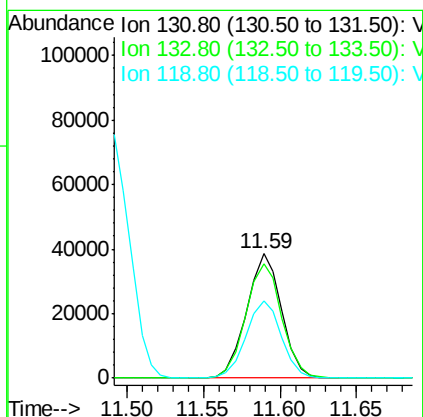
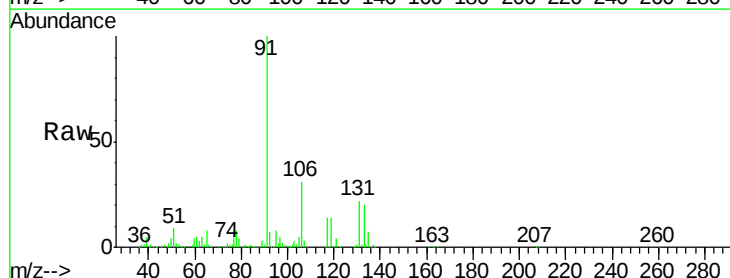
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion:112 Resp: 157349
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.129 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:131 Resp: 61342
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 62.6 31.7 95.1

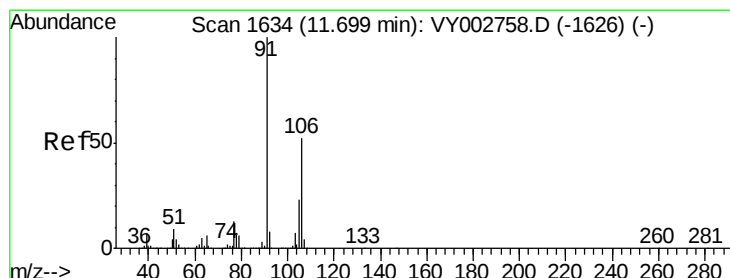
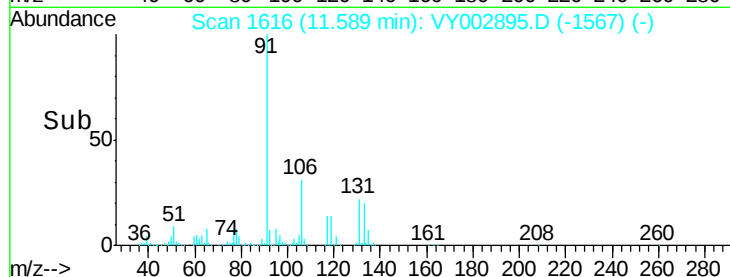
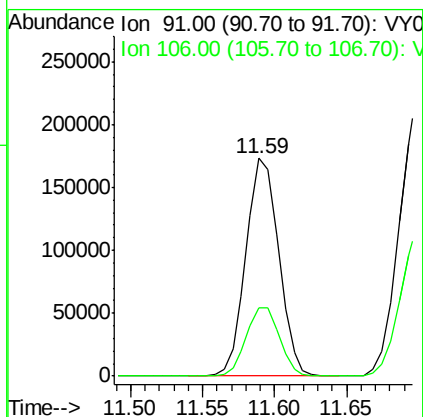
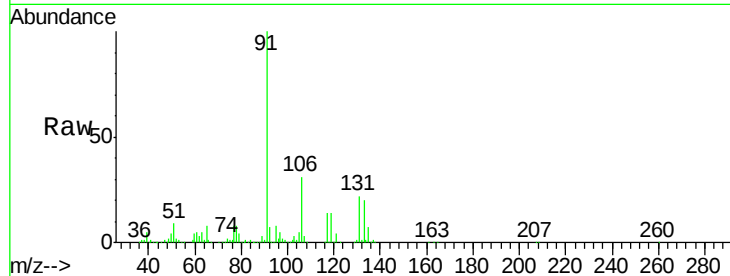




#67
Ethyl Benzene
Concen: 21.372 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

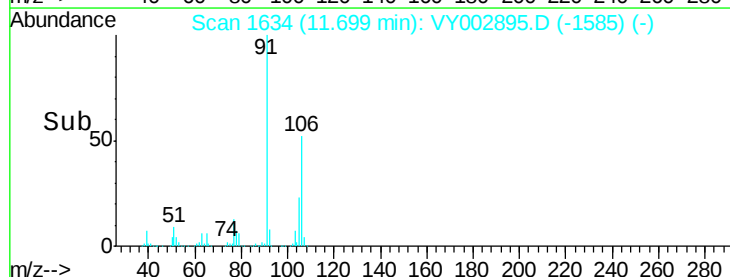
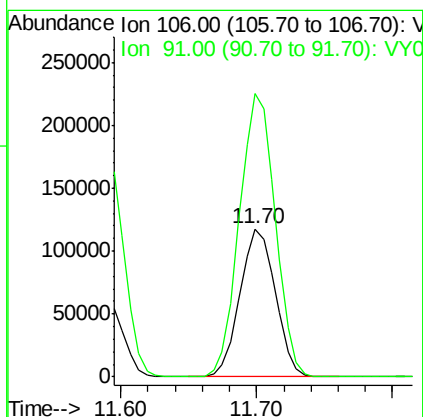
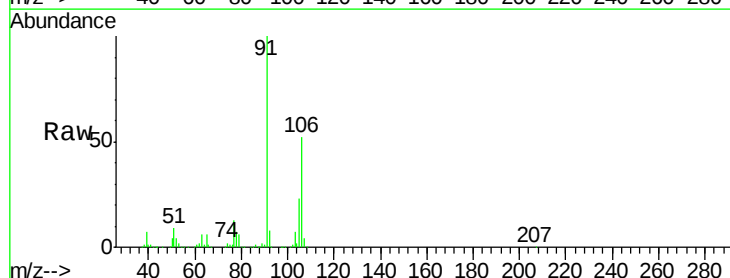
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

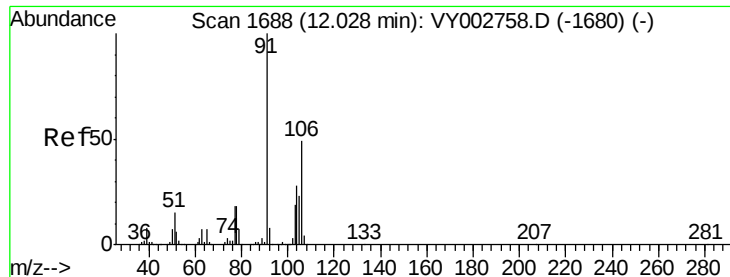
Tot Ion: 91 Resp: 272715
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 43.275 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 106 Resp: 214093
Ion Ratio Lower Upper
106 100
91 193.9 156.0 234.0

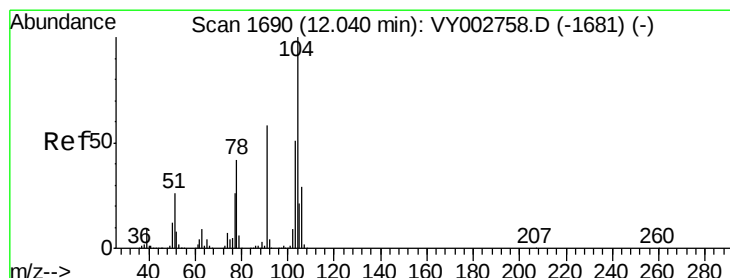
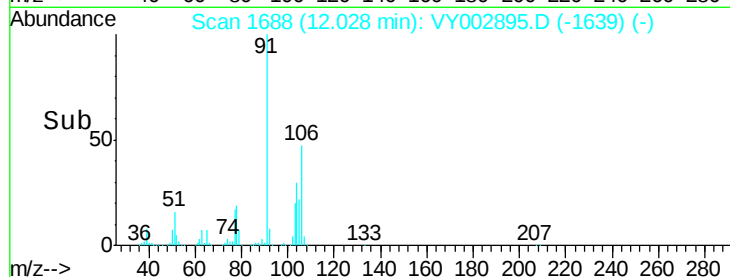
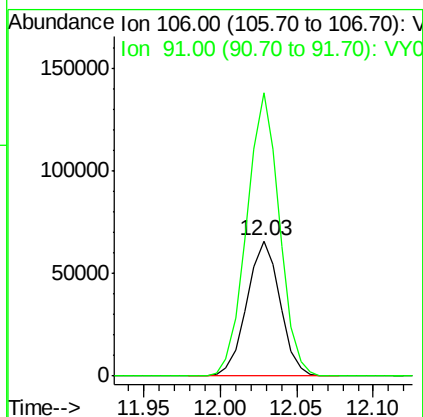
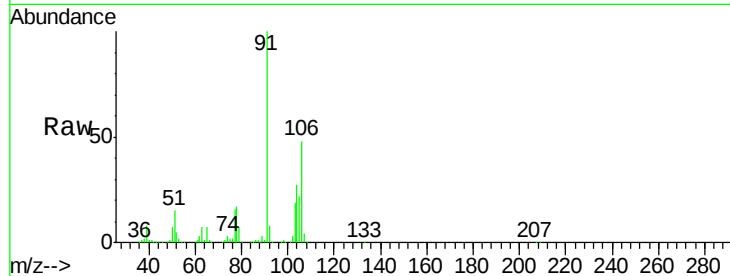




#69
o-Xylene
Concen: 21.332 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

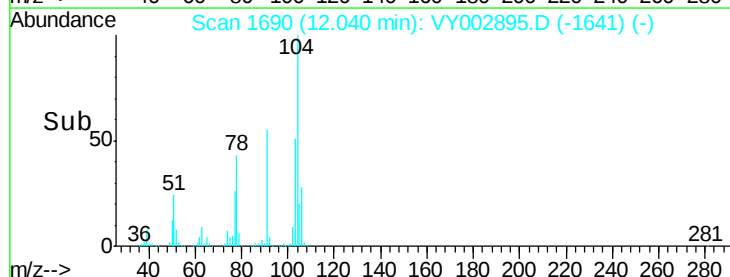
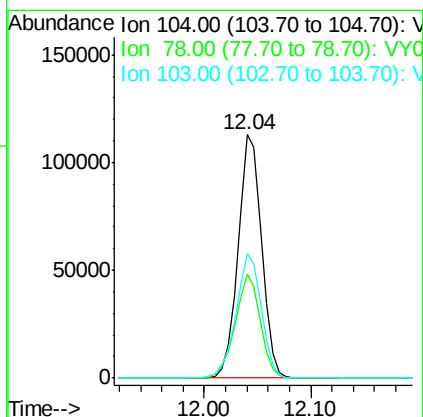
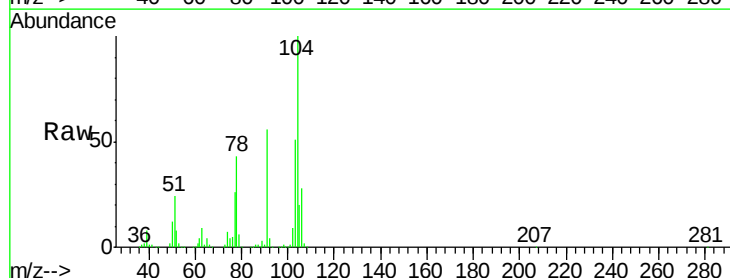
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

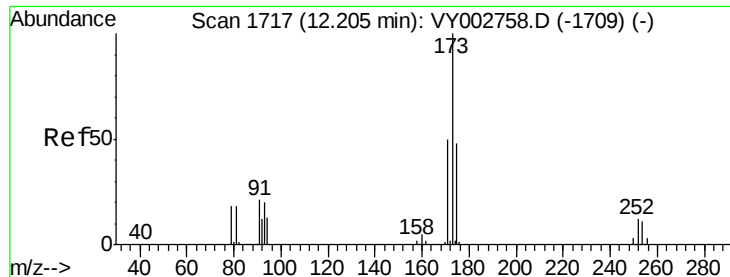
Tot Ion:106 Resp: 99628
Ion Ratio Lower Upper
106 100
91 206.0 102.4 307.1



#70
Styrene
Concen: 21.655 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:104 Resp: 175329
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.4
103 55.0 43.6 65.4

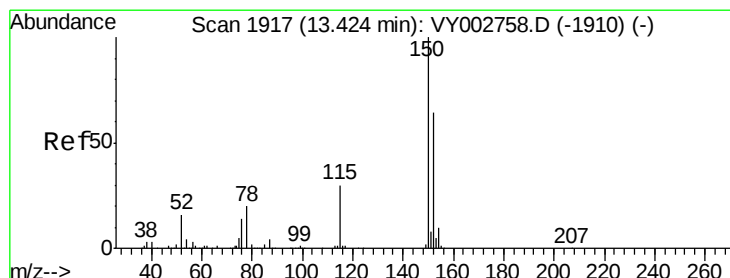
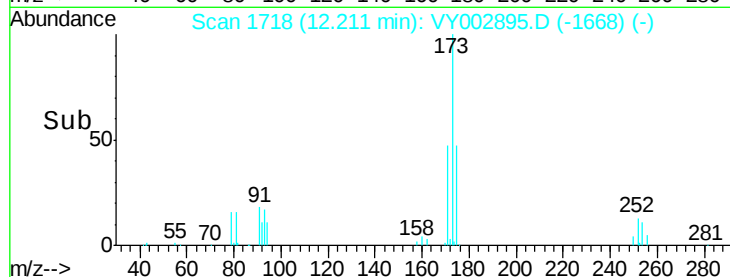
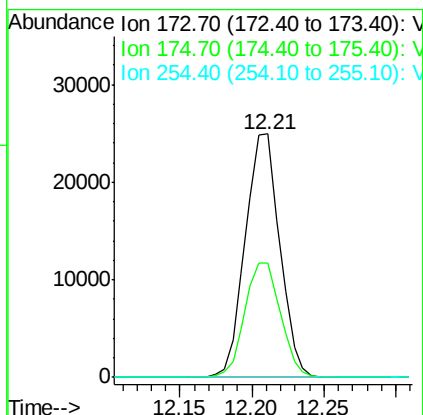
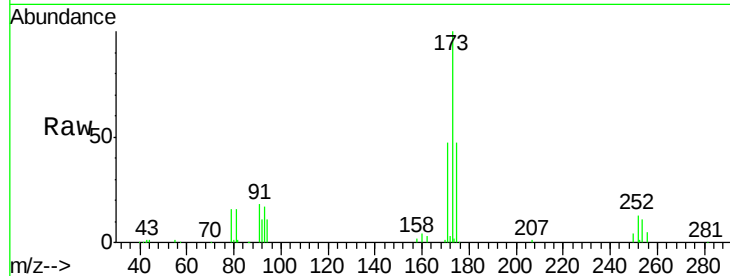




#71
Bromoform
Concen: 22.282 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

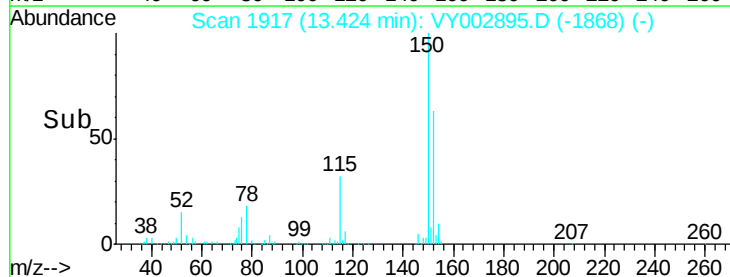
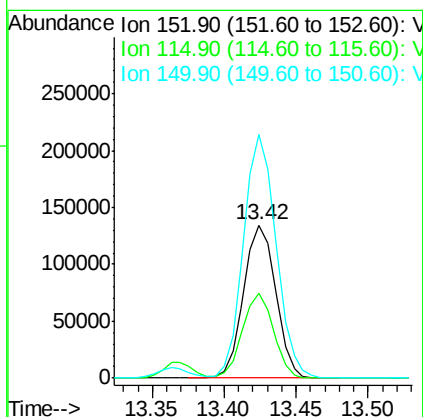
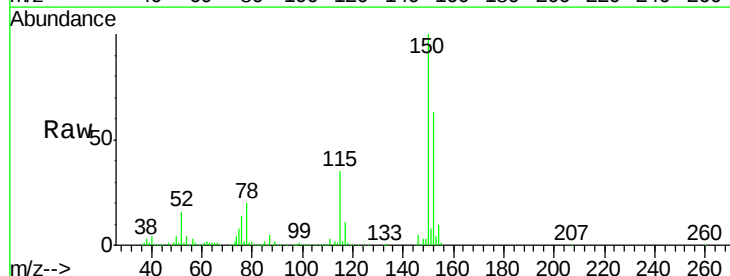
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

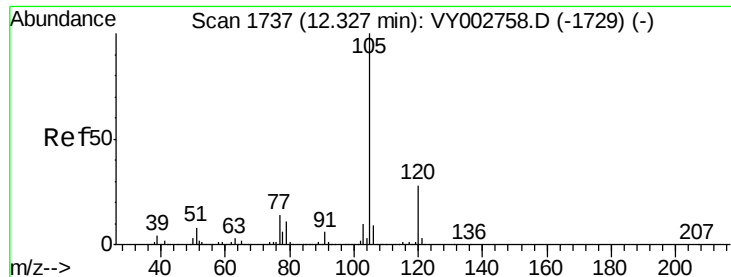
Tot Ion:173 Resp: 41330
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:152 Resp: 207637
Ion Ratio Lower Upper
152 100
115 53.7 27.0 81.0
150 161.9 0.0 344.8





#73

Isopropylbenzene

Concen: 20.588 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

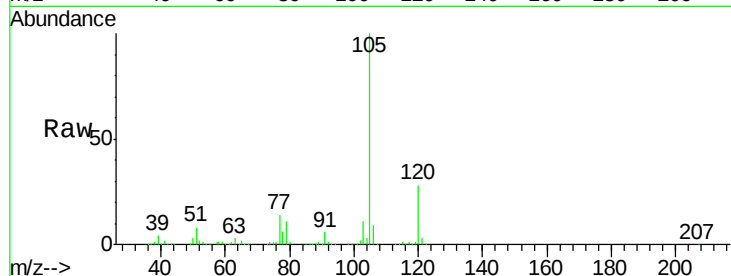
VY0615SBS01

Tot Ion:105 Resp: 273952

Ion Ratio Lower Upper

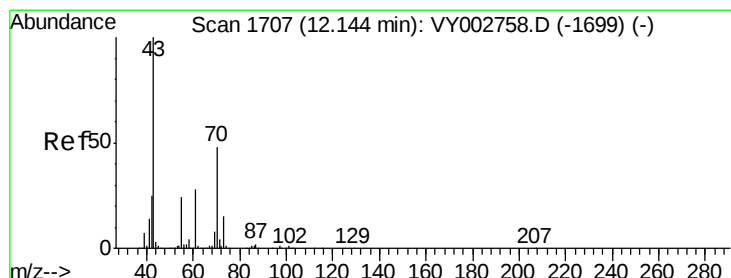
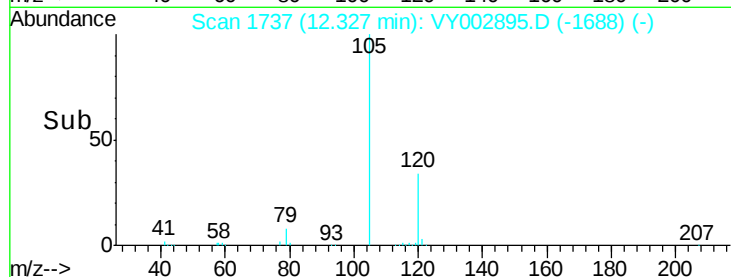
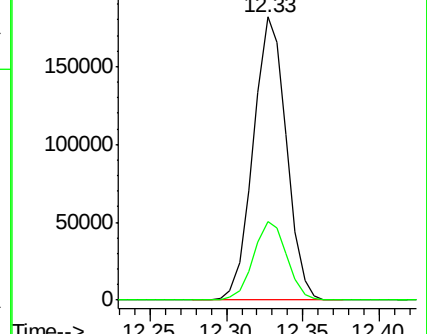
105 100

120 27.9 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.299 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion: 43 Resp: 69302

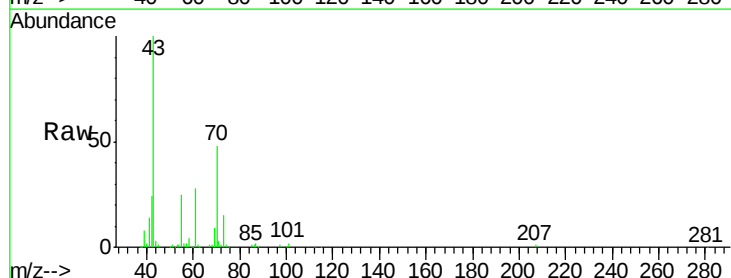
Ion Ratio Lower Upper

43 100

70 48.8 37.7 56.5

55 25.9 19.8 29.6

61 27.3 21.7 32.5

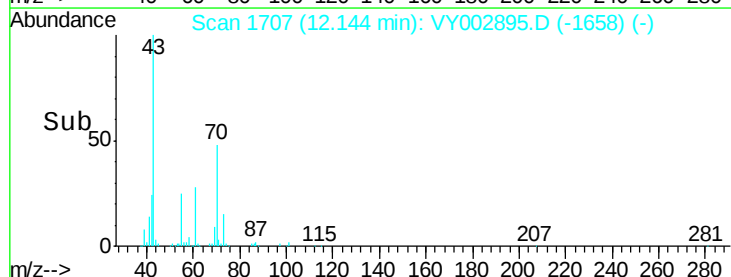
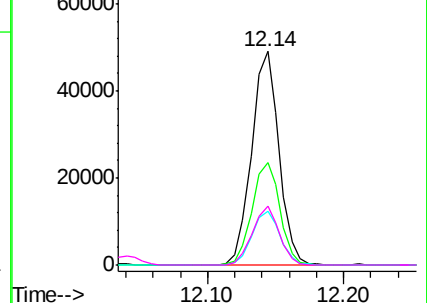


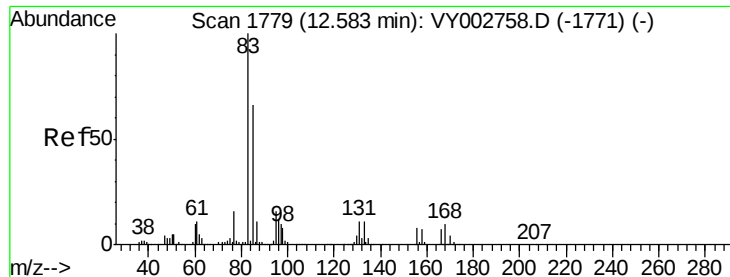
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.706 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

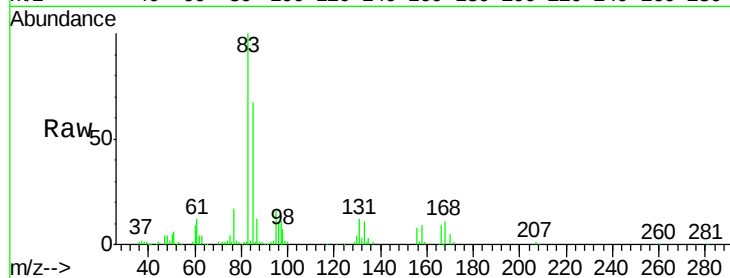
Tot Ion: 83 Resp: 50675

Ion Ratio Lower Upper

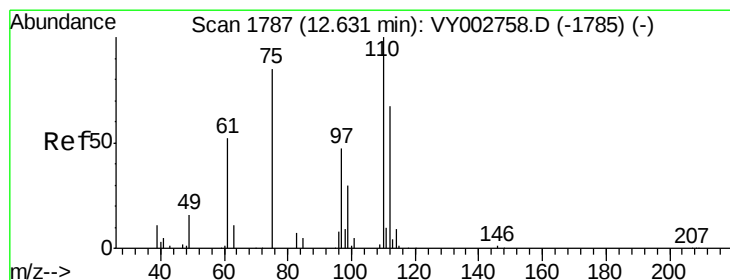
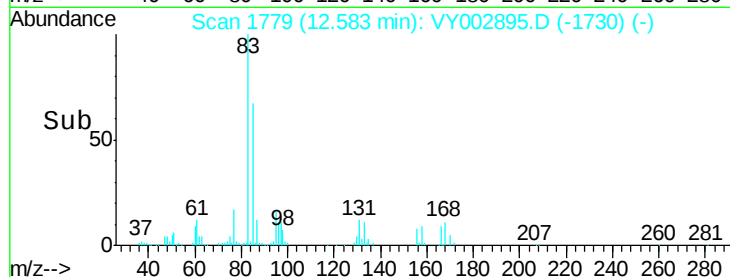
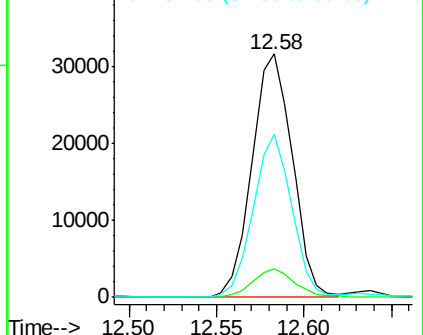
83 100

131 12.1 5.8 17.4

85 64.2 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: 39.222 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002895.D

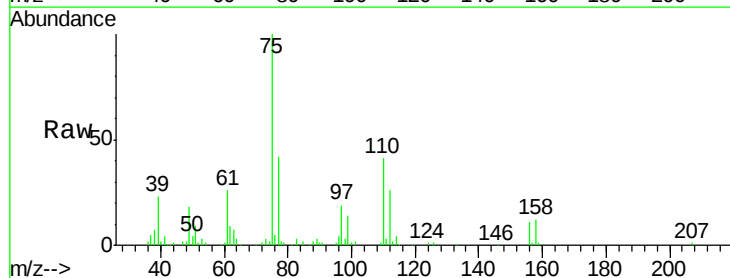
Acq: 15 Jun 2020 11:36

Tgt Ion: 75 Resp: 73382

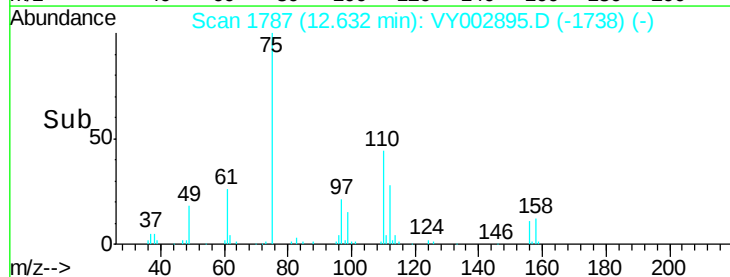
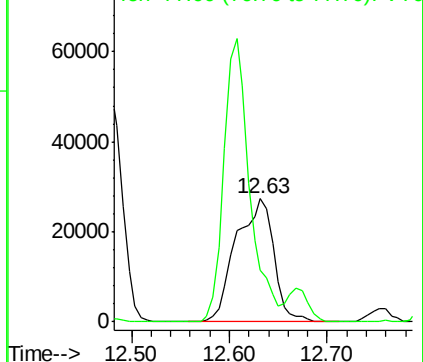
Ion Ratio Lower Upper

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: 21.068 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

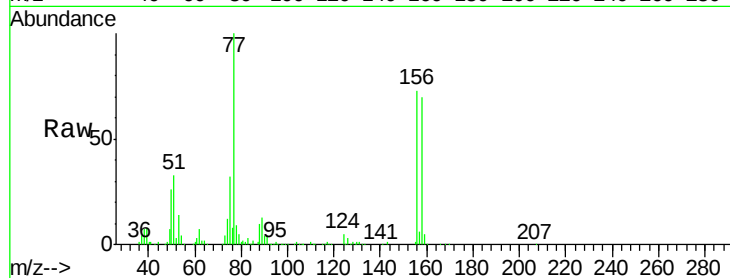
Tot Ion:156 Resp: 72996

Ion Ratio Lower Upper

156 100

77 158.0 81.4 244.2

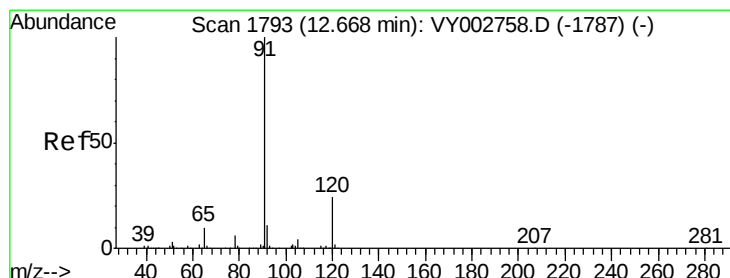
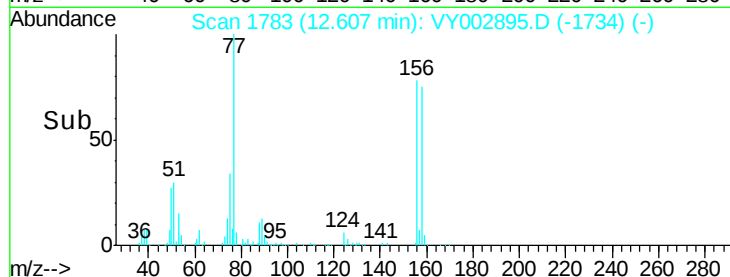
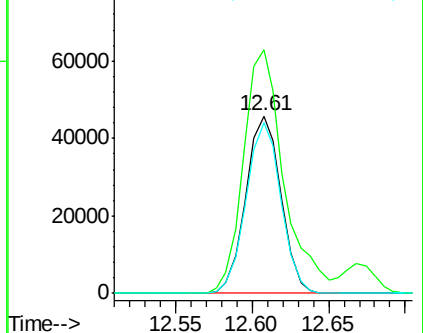
158 95.7 48.5 145.6



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: 20.960 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002895.D

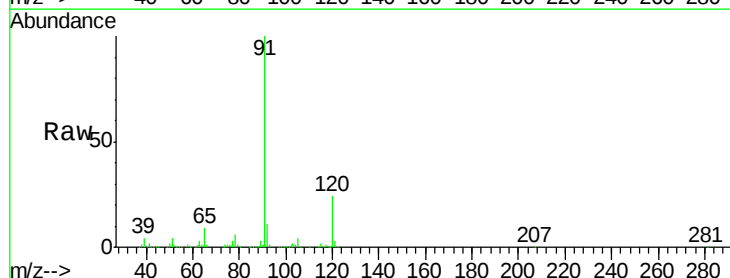
Acq: 15 Jun 2020 11:36

Tgt Ion: 91 Resp: 322165

Ion Ratio Lower Upper

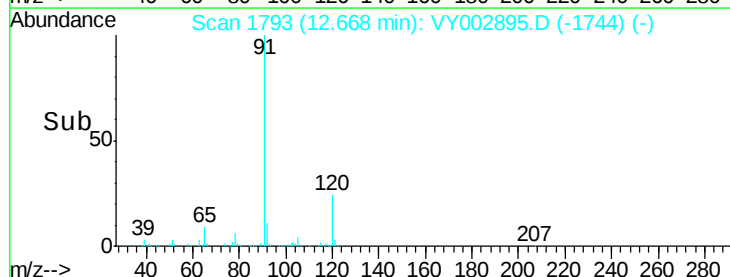
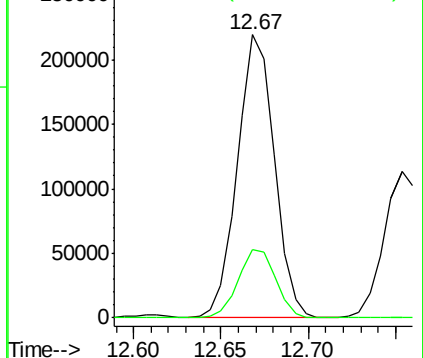
91 100

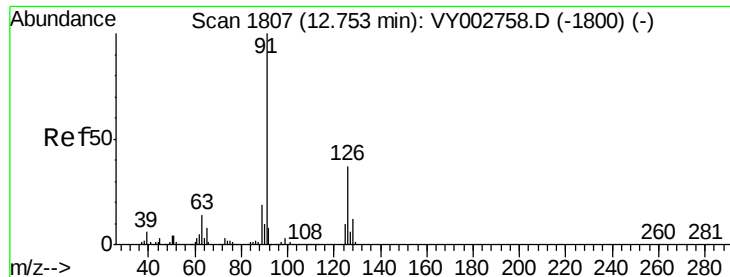
120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

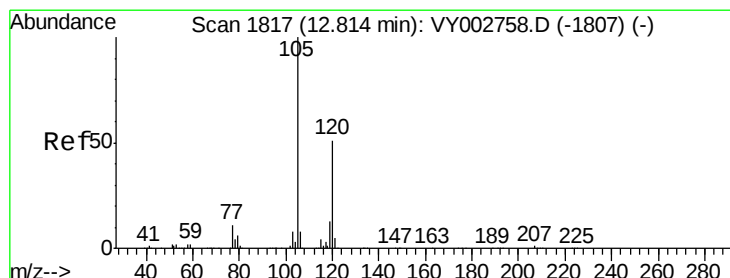
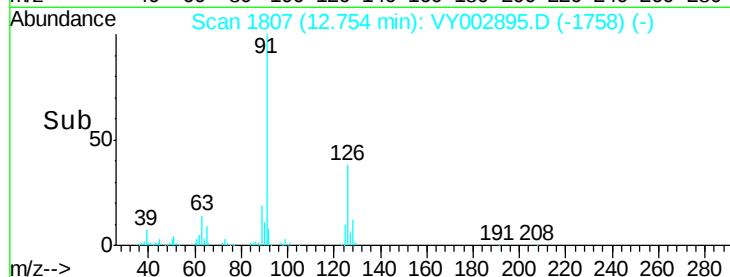
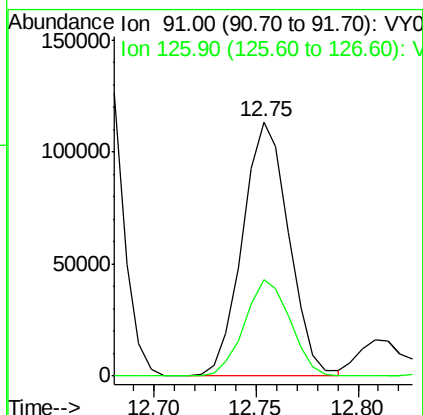
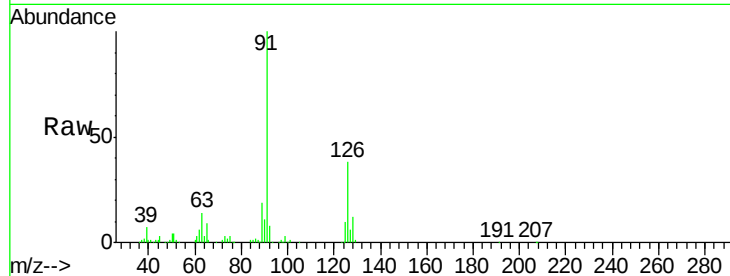




#79
2-Chlorotoluene
Concen: 20.756 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

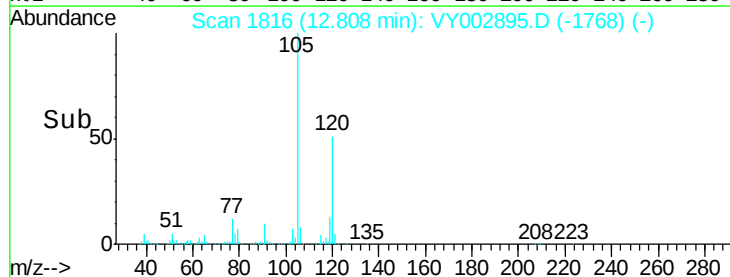
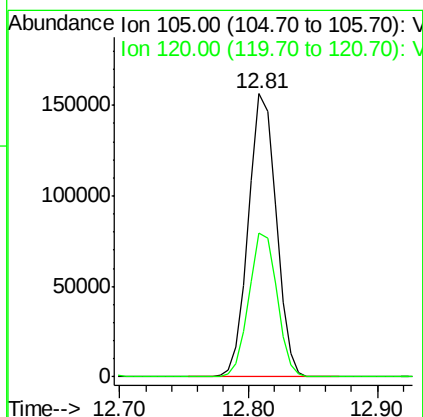
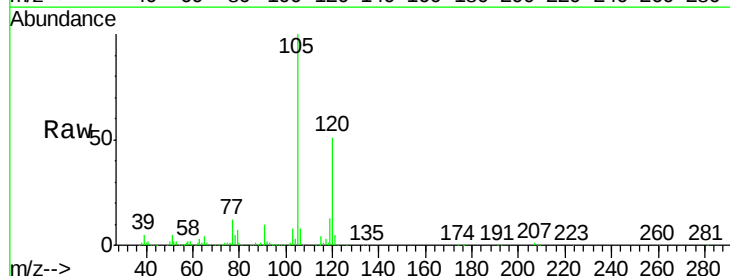
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBSD01

Tot Ion: 91 Resp: 178959
Ion Ratio Lower Upper
91 100
126 37.5 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 20.969 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 105 Resp: 232971
Ion Ratio Lower Upper
105 100
120 51.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.496 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

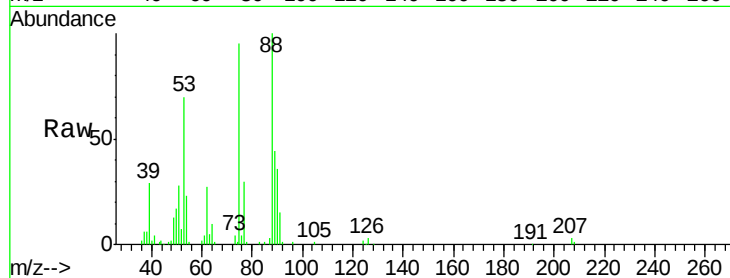
Tot Ion: 75 Resp: 20354

Ion Ratio Lower Upper

75 100

53 80.3 64.0 96.0

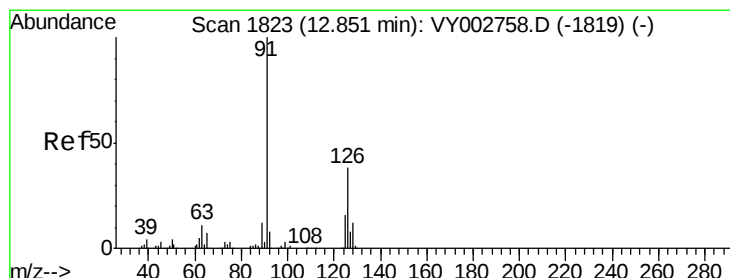
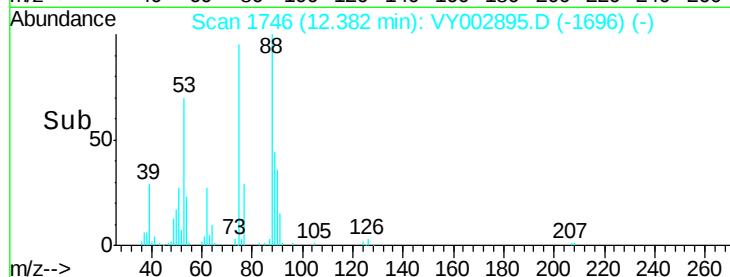
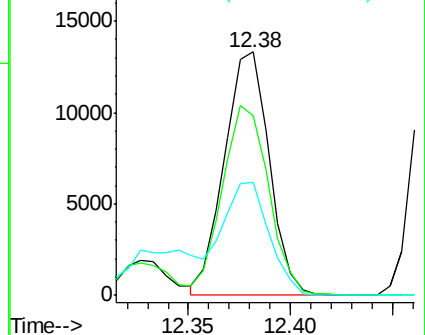
89 47.8 37.4 56.2



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: 21.231 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002895.D

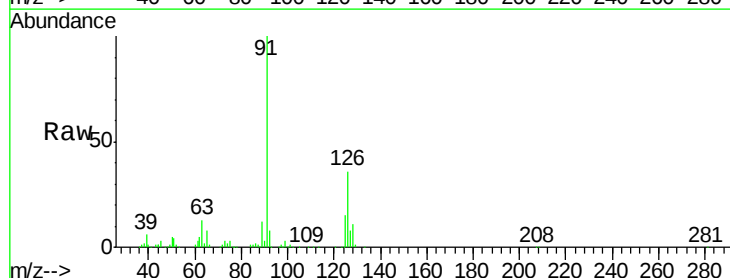
Acq: 15 Jun 2020 11:36

Tgt Ion: 91 Resp: 191790

Ion Ratio Lower Upper

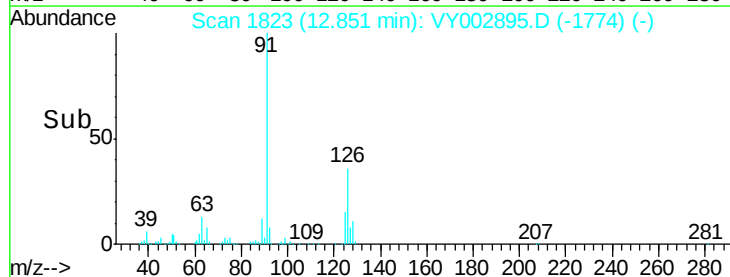
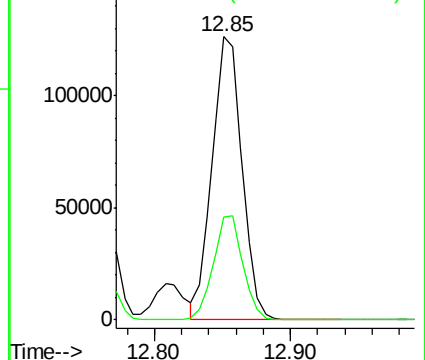
91 100

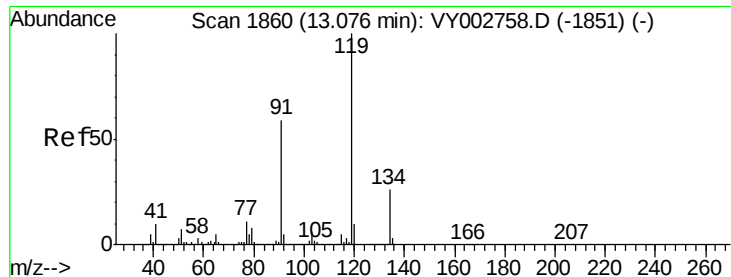
126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

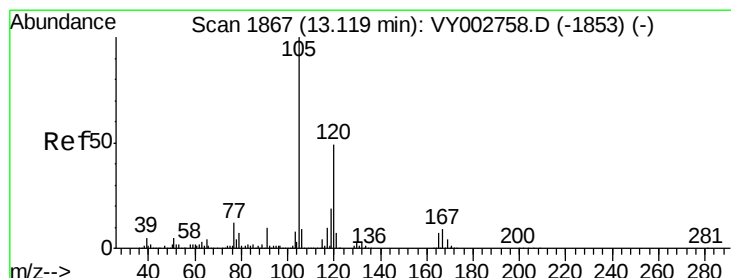
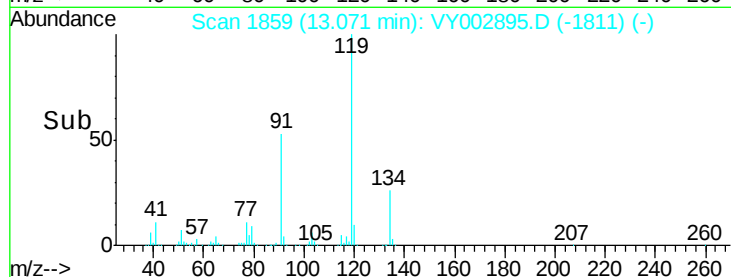
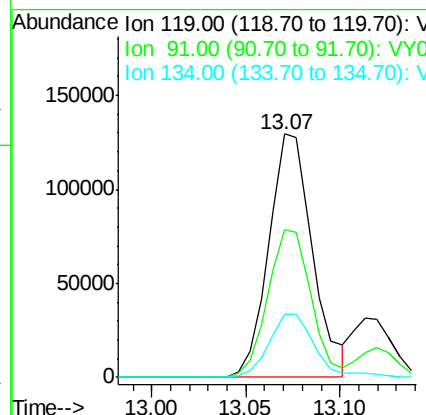
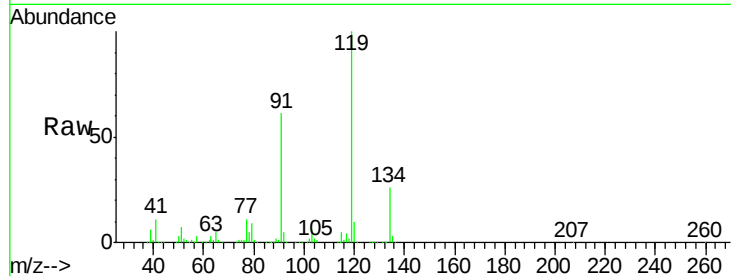




#83
tert-Butylbenzene
Concen: 20.997 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

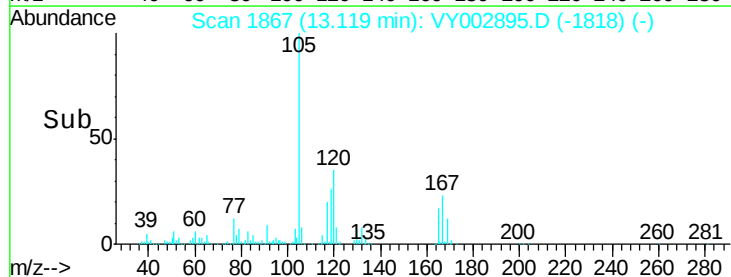
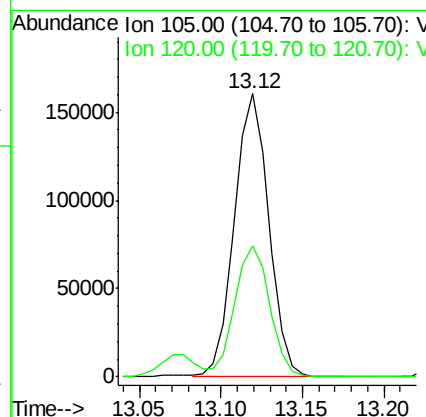
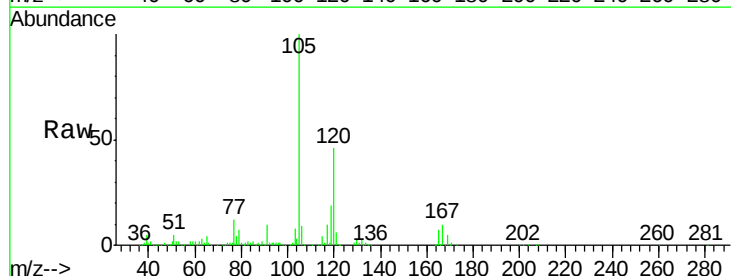
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

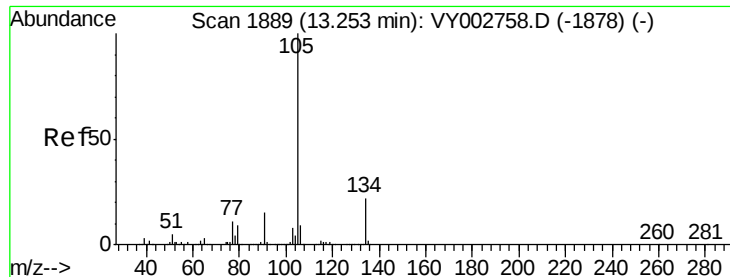
Tot Ion:119 Resp: 208092
Ion Ratio Lower Upper
119 100
91 59.8 29.8 89.4
134 27.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.077 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:105 Resp: 235459
Ion Ratio Lower Upper
105 100
120 46.6 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.058 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

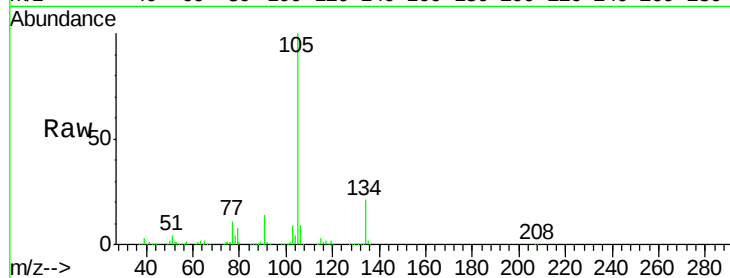
VY0615SBS01

Tot Ion:105 Resp: 285341

Ion Ratio Lower Upper

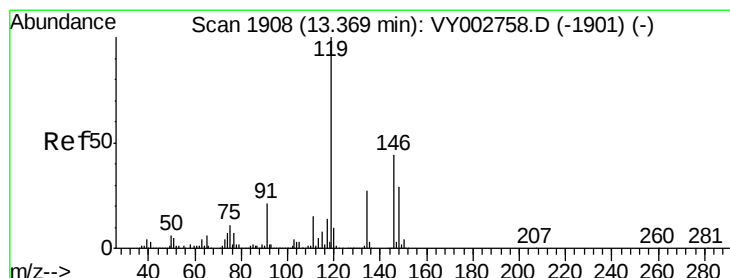
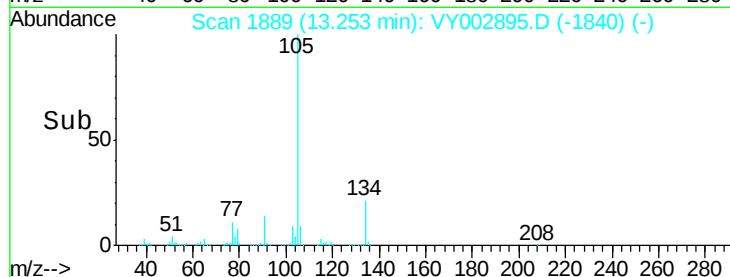
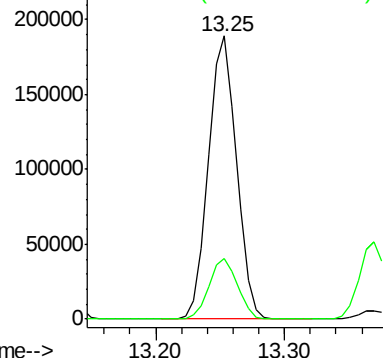
105 100

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: 21.421 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

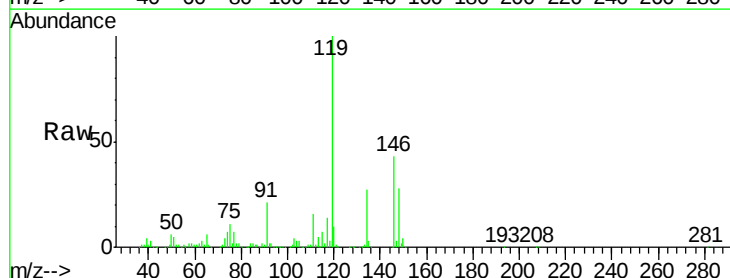
Tgt Ion:119 Resp: 270094

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

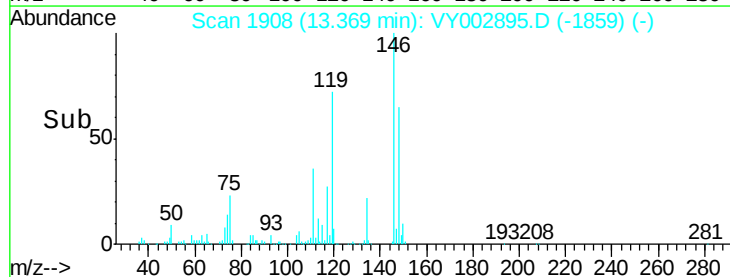
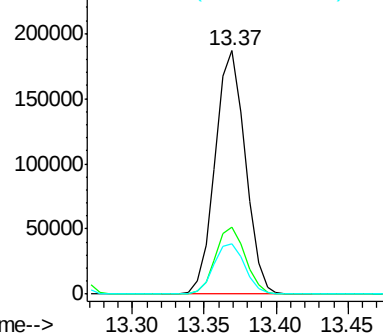
91 21.3 10.8 32.4

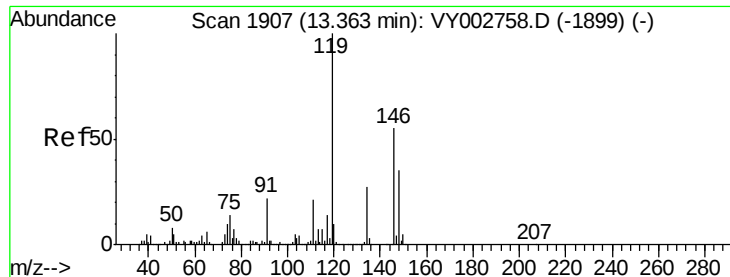


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.095 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

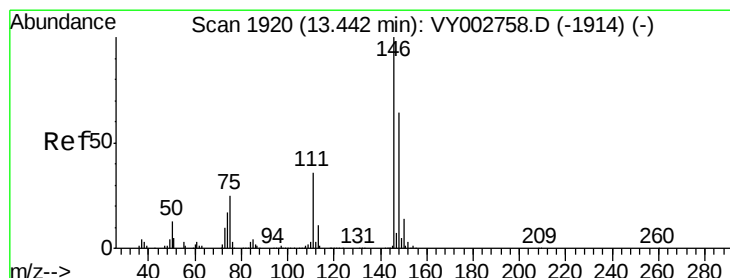
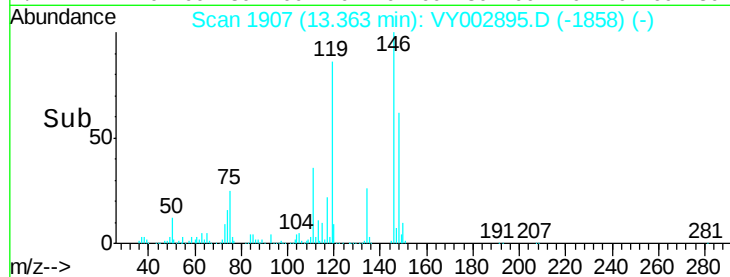
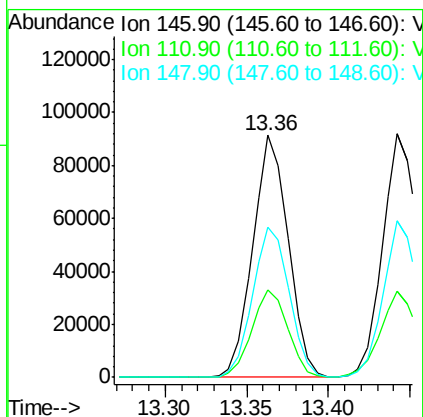
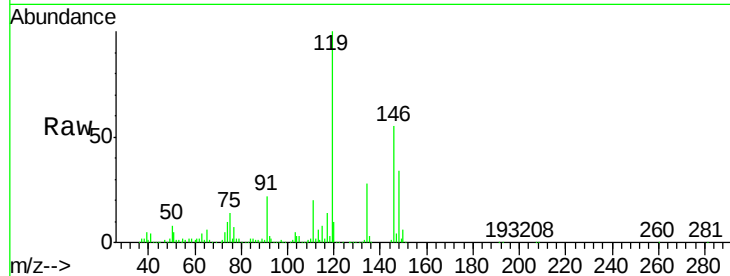
Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion:146 Resp: 138446

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	63.9	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 21.425 ug/l

RT: 13.44 min Scan# 1920

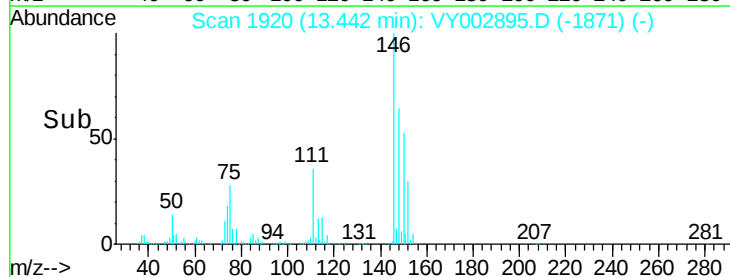
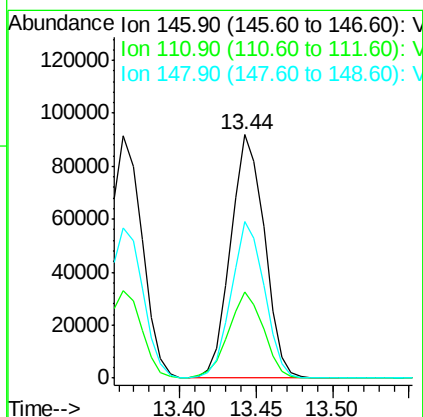
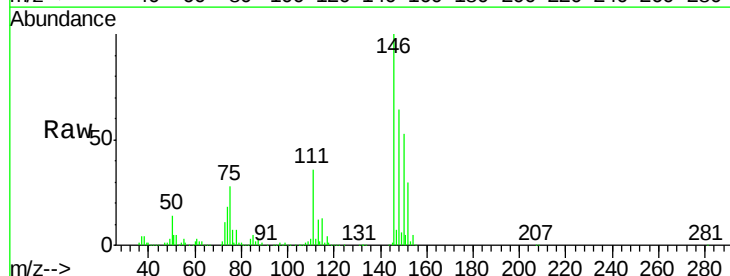
Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Tgt Ion:146 Resp: 140657

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	63.2	32.1	96.3

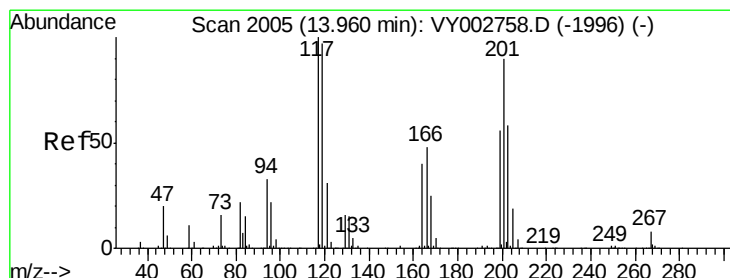
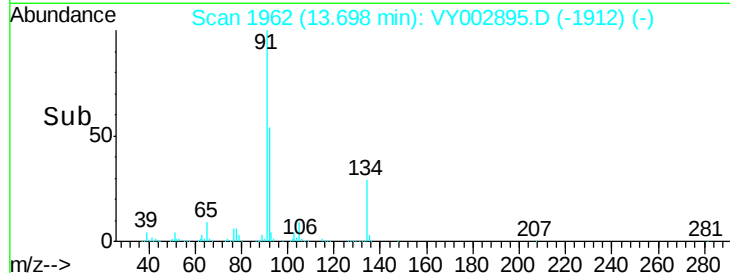
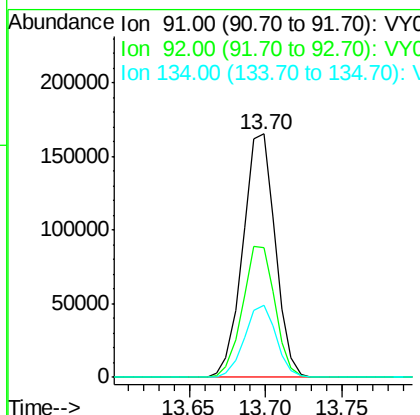
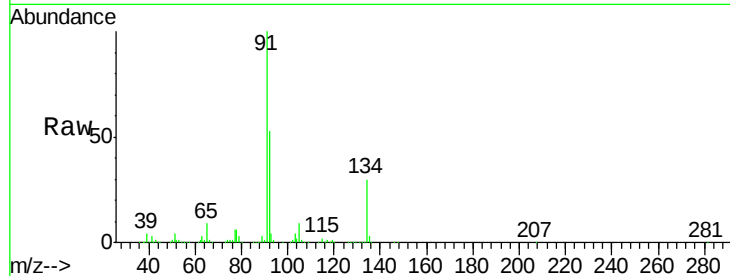




#89
n-Butylbenzene
Concen: 21.154 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

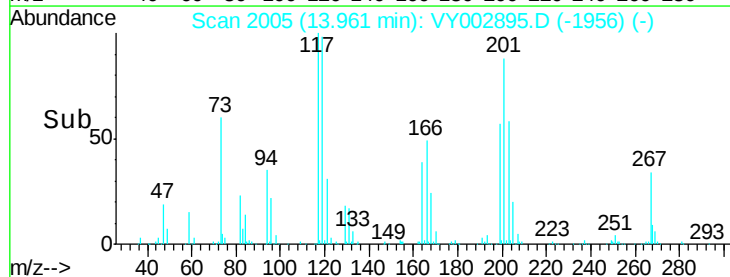
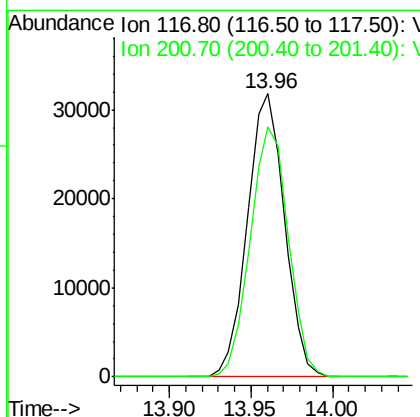
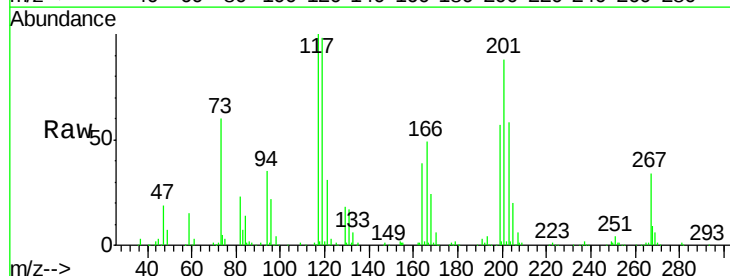
Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

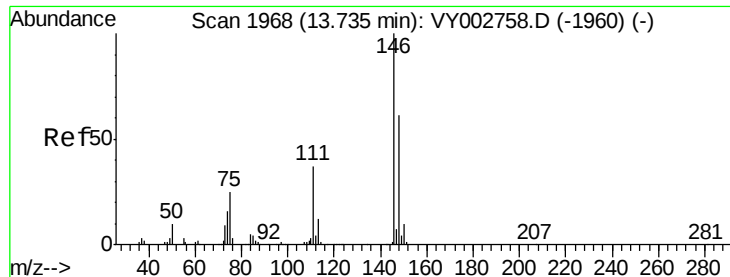
Tot Ion: 91 Resp: 242155
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 29.2 14.3 42.9



#90
Hexachloroethane
Concen: 21.431 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion: 117 Resp: 50587
Ion Ratio Lower Upper
117 100
201 90.3 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 21.210 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0615SBS01

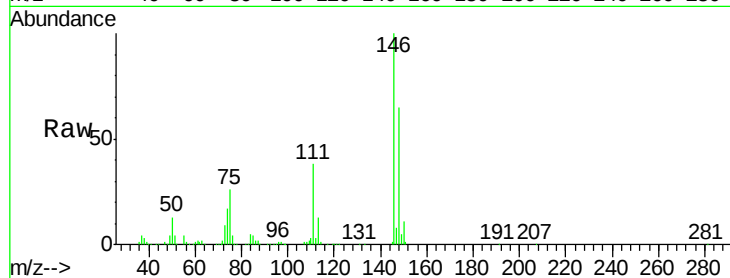
Tot Ion:146 Resp: 126238

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

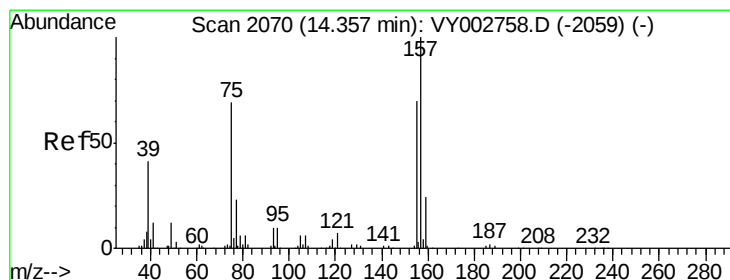
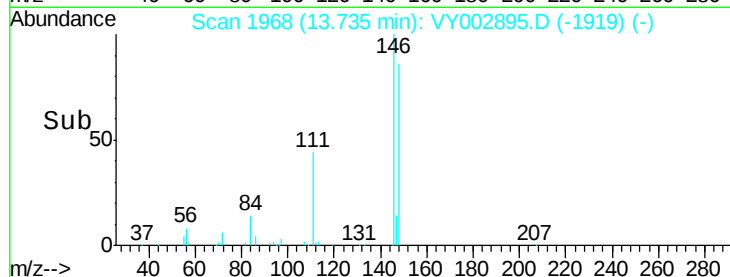
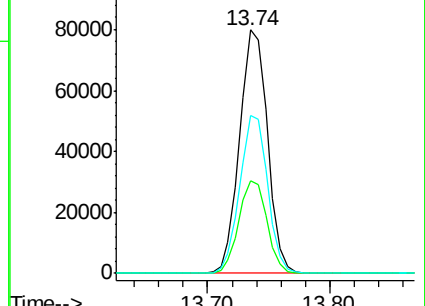
148 64.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.023 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002895.D

Acq: 15 Jun 2020 11:36

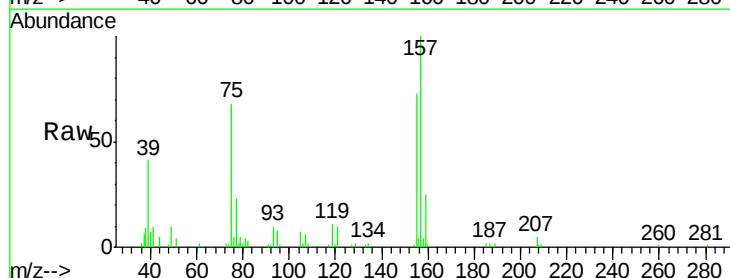
Tgt Ion: 75 Resp: 9443

Ion Ratio Lower Upper

75 100

155 108.3 53.5 160.5

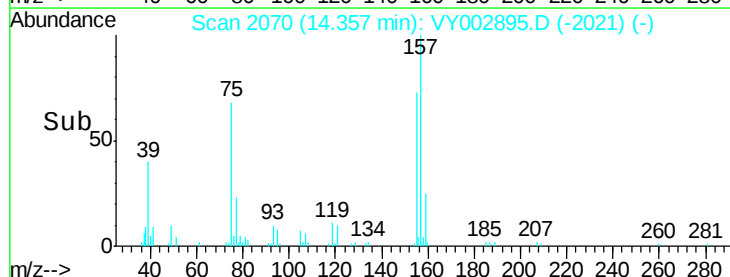
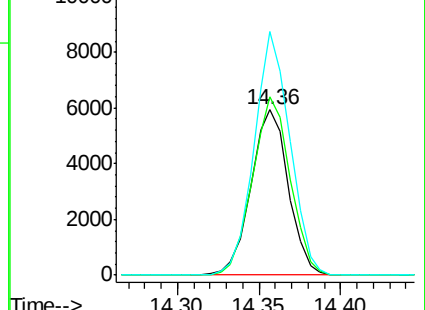
157 140.5 69.9 209.7

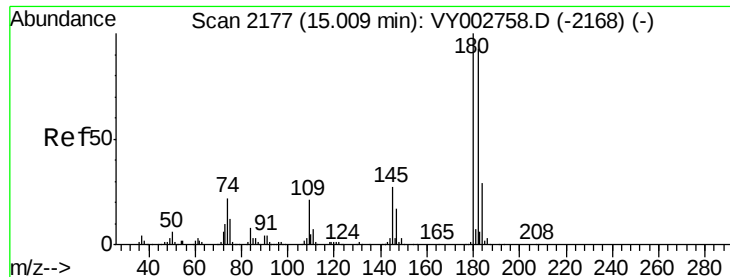


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

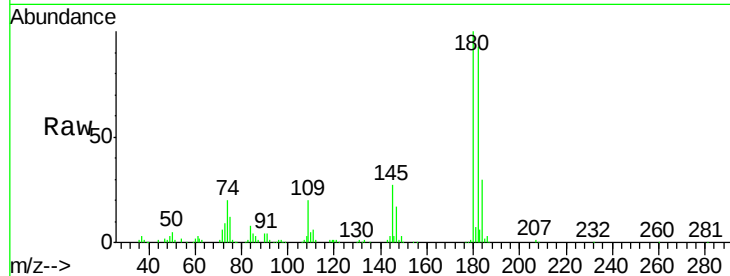




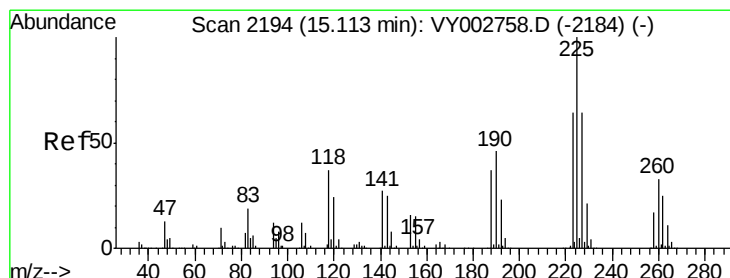
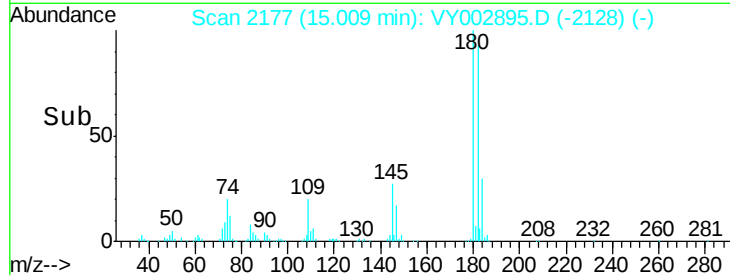
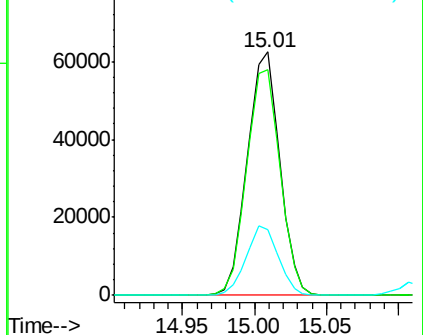
#93
 1,2,4-Trichlorobenzene
 Concen: 21.669 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0615SBS01

Tot Ion:180 Resp: 97214
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 28.5 14.1 42.3

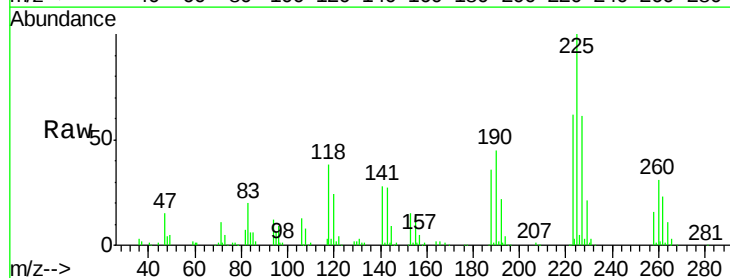


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

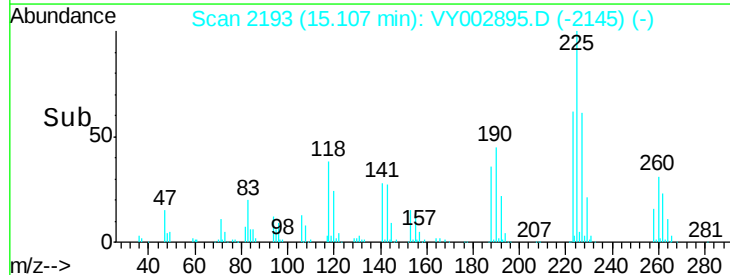
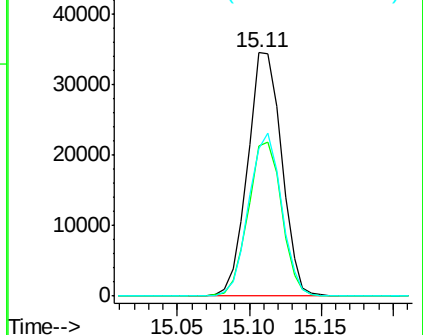


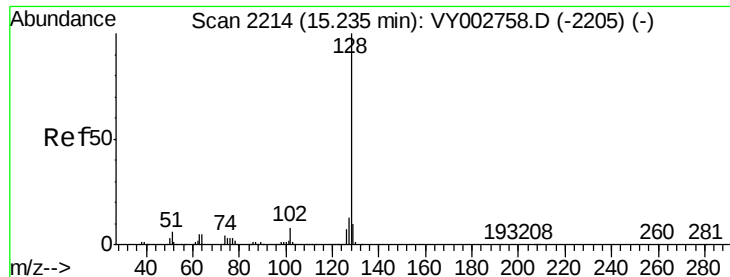
#94
 Hexachlorobutadiene
 Concen: 22.109 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY002895.D
 Acq: 15 Jun 2020 11:36

Tgt Ion:225 Resp: 56256
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.2 32.3 96.9



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

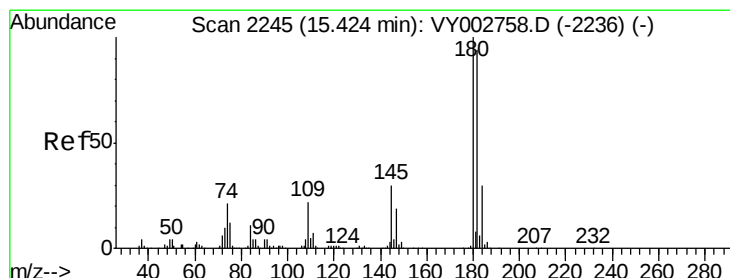
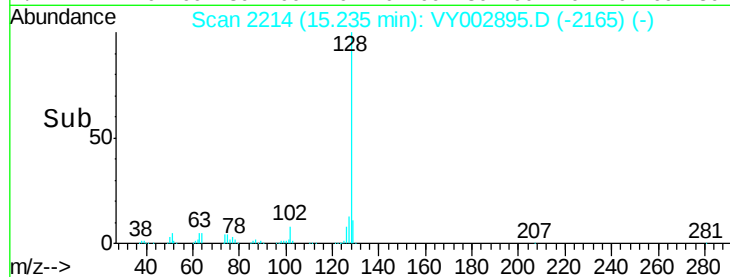
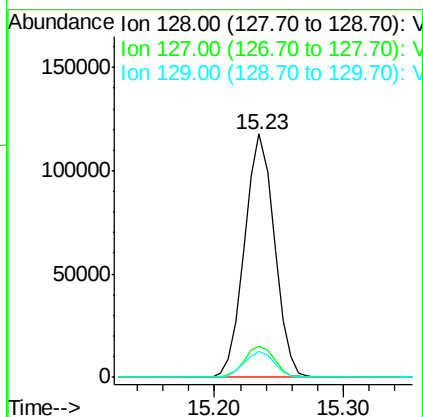
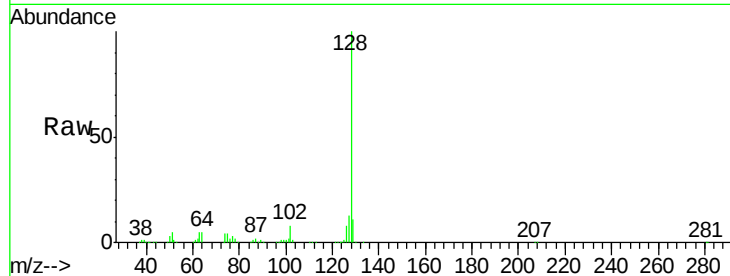




#95
Naphthalene
Concen: 21.023 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0615SBS01

Tot Ion:128 Resp: 189101
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.643 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002895.D
Acq: 15 Jun 2020 11:36

Tgt Ion:180 Resp: 86708
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.4
145 29.8 15.1 45.3

