

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002824.D
 Acq On : 03 Jun 2020 11:41
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 03 17:05:16 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	345189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	509611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	141640	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.72	113	148060	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.18	98	570919	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.48	95	200349	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	44377	18.684	ug/l 98
3) Chloromethane	2.12	50	52919	20.143	ug/l 98
4) Vinyl Chloride	2.26	62	57206	20.601	ug/l 97
5) Bromomethane	2.65	94	42578	20.461	ug/l 98
6) Chloroethane	2.79	64	38573	21.428	ug/l 99
7) Trichlorofluoromethane	3.13	101	101393	20.616	ug/l 97
8) Diethyl Ether	3.54	74	36677	19.099	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	62304	21.337	ug/l 98
10) Methyl Iodide	4.10	142	84272	20.625	ug/l 99
11) Tert butyl alcohol	4.97	59	40777	119.939	ug/l 96
12) 1,1-Dichloroethene	3.88	96	61597	20.976	ug/l 100
13) Acrolein	3.74	56	32213	91.713	ug/l 100
14) Allyl chloride	4.49	41	91442	21.711	ug/l 98
15) Acrylonitrile	5.18	53	93545	107.977	ug/l 99
16) Acetone	3.96	43	73560	104.666	ug/l 99
17) Carbon Disulfide	4.20	76	181282	20.429	ug/l 99
18) Methyl Acetate	4.49	43	43417	24.119	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	170303	21.007	ug/l 100
20) Methylene Chloride	4.72	84	75027	21.845	ug/l 96
21) trans-1,2-Dichloroethene	5.23	96	69349	20.999	ug/l 97
22) Diisopropyl ether	6.13	45	191287	21.856	ug/l 95
23) Vinyl Acetate	6.07	43	626341	108.393	ug/l 97
24) 1,1-Dichloroethane	6.03	63	109819	21.450	ug/l 99
25) 2-Butanone	7.00	43	118814	108.509	ug/l 99
26) 2,2-Dichloropropane	6.99	77	102473	20.869	ug/l 98
27) cis-1,2-Dichloroethene	6.99	96	77460	20.952	ug/l 100
28) Bromochloromethane	7.35	49	47662	22.677	ug/l 97
29) Tetrahydrofuran	7.36	42	77882	109.348	ug/l 99
30) Chloroform	7.52	83	113154	20.828	ug/l 100
31) Cyclohexane	7.79	56	103246	20.311	ug/l 95
32) 1,1,1-Trichloroethane	7.71	97	102426	20.232	ug/l 100
36) 1,1-Dichloropropene	7.93	75	90393	21.057	ug/l 99
37) Ethyl Acetate	7.08	43	51265	21.949	ug/l 99
38) Carbon Tetrachloride	7.91	117	97094	20.360	ug/l 95

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 ClientSampleId :
 VY0603SBS01

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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	113101	19.988	ug/l	99
40) Benzene	8.17	78	263613	20.782	ug/l	99
41) Methacrylonitrile	7.33	41	30164m	24.040	ug/l	
42) 1,2-Dichloroethane	8.24	62	72710	20.454	ug/l	100
43) Isopropyl Acetate	8.28	43	95868	21.660	ug/l	99
44) Trichloroethene	8.94	130	81855	20.430	ug/l	99
45) 1,2-Dichloropropane	9.22	63	64868	21.325	ug/l	99
46) Dibromomethane	9.31	93	38158	21.122	ug/l	98
47) Bromodichloromethane	9.50	83	87228	20.482	ug/l	98
48) Methyl methacrylate	9.30	41	43194	21.618	ug/l	97
49) 1,4-Dioxane	9.31	88	11167	402.579	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	254267	108.490	ug/l	100
52) Toluene	10.25	92	170005	20.488	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	98495	21.174	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	110460	20.957	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	58131	21.018	ug/l	95
56) Ethyl methacrylate	10.51	69	77359	20.883	ug/l	99
57) 1,3-Dichloropropane	10.79	76	95467	20.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	189564	104.726	ug/l	99
59) 2-Hexanone	10.83	43	179234	107.783	ug/l	100
60) Dibromochloromethane	10.99	129	72353	20.634	ug/l	97
61) 1,2-Dibromoethane	11.09	107	56996	20.891	ug/l	100
64) Tetrachloroethene	10.72	164	85725	20.059	ug/l	99
65) Chlorobenzene	11.52	112	193548	20.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	72800	20.798	ug/l	99
67) Ethyl Benzene	11.60	91	331803	20.593	ug/l	100
68) m/p-Xylenes	11.70	106	256705	41.092	ug/l	99
69) o-Xylene	12.03	106	121406	20.586	ug/l	99
70) Styrene	12.05	104	212529	20.789	ug/l	99
71) Bromoform	12.21	173	48389	20.660	ug/l	# 99
73) Isopropylbenzene	12.33	105	331583	20.619	ug/l	99
74) N-amyl acetate	12.14	43	87359	21.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	63239	22.412	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	50494m	22.331	ug/l	
77) Bromobenzene	12.61	156	85722	20.471	ug/l	98
78) n-propylbenzene	12.67	91	387915	20.882	ug/l	99
79) 2-Chlorotoluene	12.76	91	215755	20.705	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	276351	20.581	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25927	21.602	ug/l	# 83
82) 4-Chlorotoluene	12.86	91	229849	21.053	ug/l	99
83) tert-Butylbenzene	13.08	119	247567	20.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	279937	20.734	ug/l	100
85) sec-Butylbenzene	13.25	105	340336	20.782	ug/l	99
86) p-Isopropyltoluene	13.37	119	315654	20.714	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	163575	20.623	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	163129	20.559	ug/l	99
89) n-Butylbenzene	13.70	91	287099	20.751	ug/l	100
90) Hexachloroethane	13.96	117	60409	21.175	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	147869	20.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11825	21.783	ug/l	91

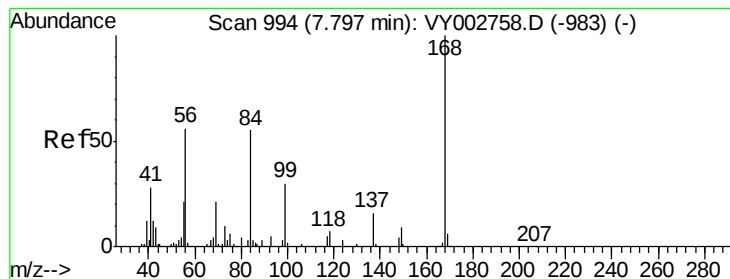
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002824.D
Acq On : 03 Jun 2020 11:41
Operator : SY/MD
Sample : VY0603SBSD01
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	110162	20.317	ug/l	100
94) Hexachlorobutadiene	15.11	225	64025	20.819	ug/l	99
95) Naphthalene	15.24	128	219872	20.225	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	98706	20.386	ug/l	99

(#) = 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: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

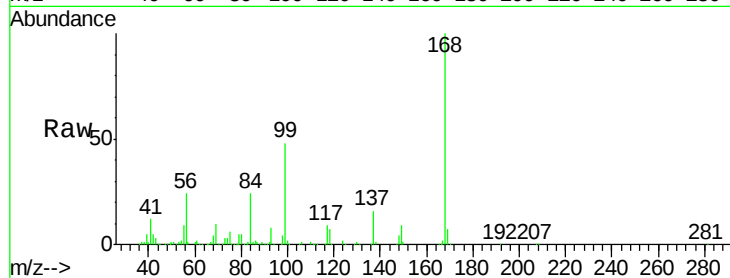
VY0603SBSD01

Tot Ion:168 Resp: 345189

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



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

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

7.80

150000

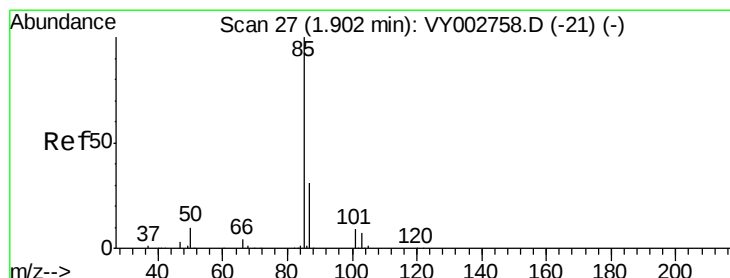
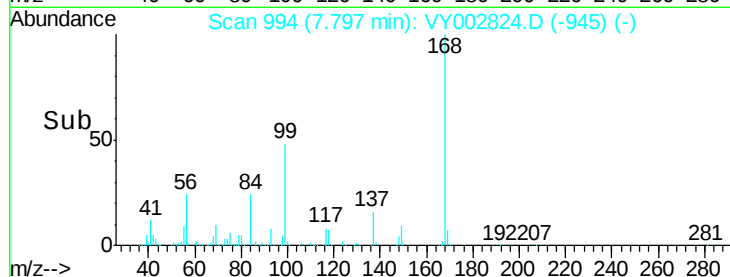
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.684 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002824.D

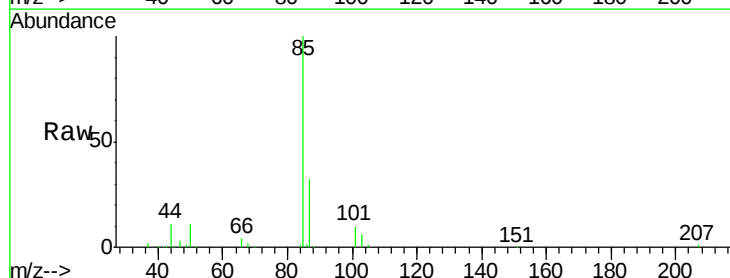
Acq: 03 Jun 2020 11:41

Tgt Ion: 85 Resp: 44377

Ion Ratio Lower Upper

85 100

87 31.9 15.5 46.5



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

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

1.91

30000

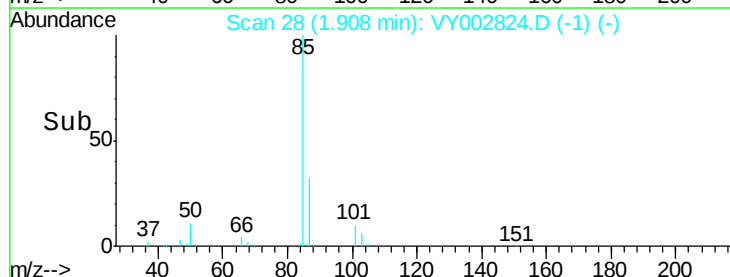
20000

10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.143 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

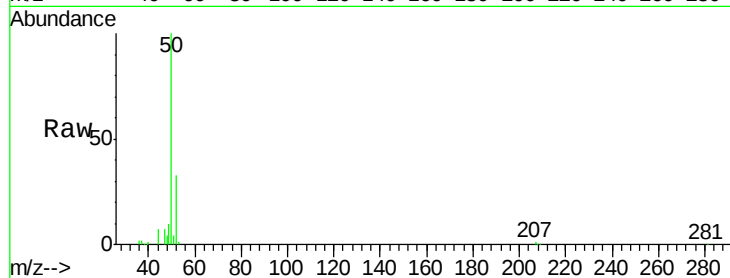
VY0603SBSD01

Tot Ion: 50 Resp: 52919

Ion Ratio Lower Upper

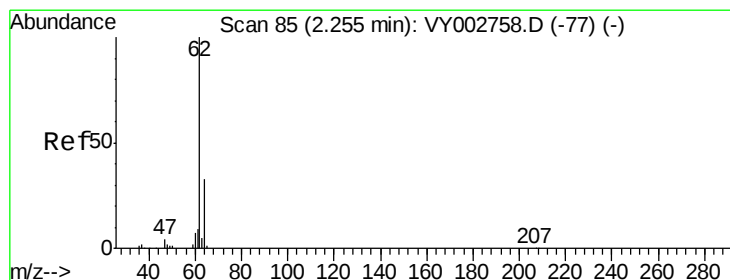
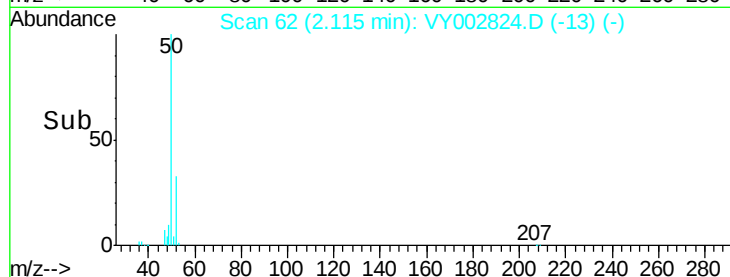
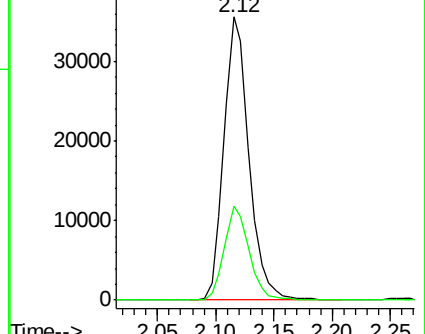
50 100

52 33.4 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: 20.601 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002824.D

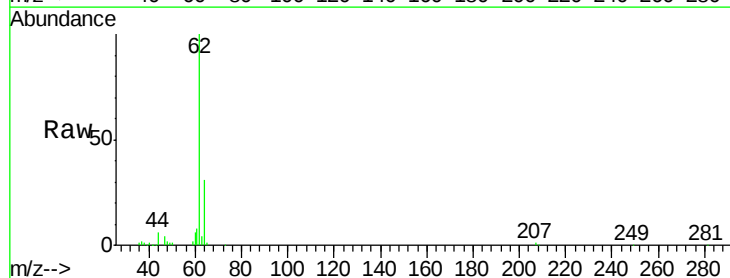
Acq: 03 Jun 2020 11:41

Tgt Ion: 62 Resp: 57206

Ion Ratio Lower Upper

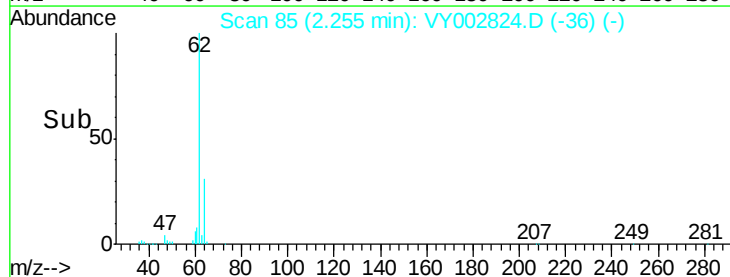
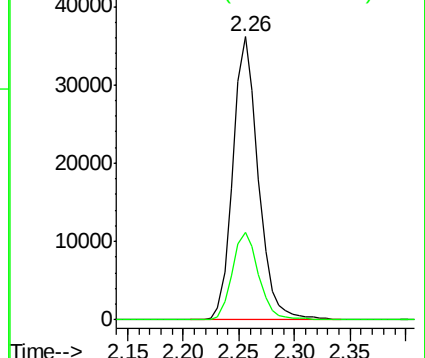
62 100

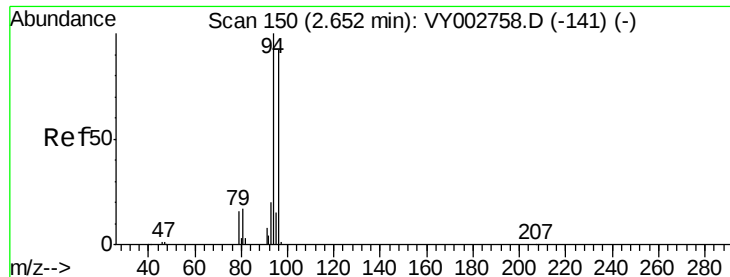
64 30.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.461 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

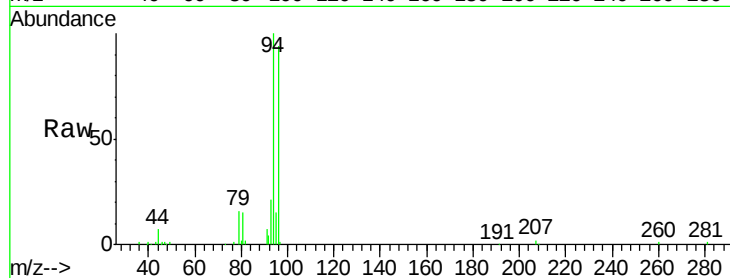
VY0603SBS01

Tot Ion: 94 Resp: 42578

Ion Ratio Lower Upper

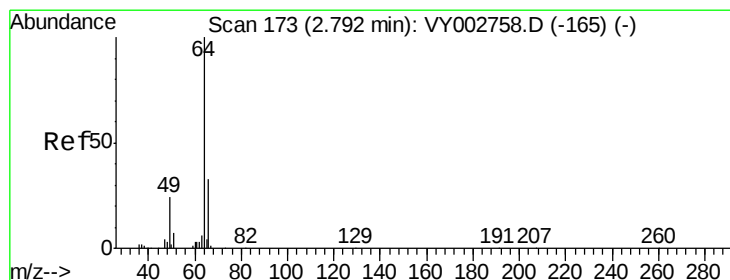
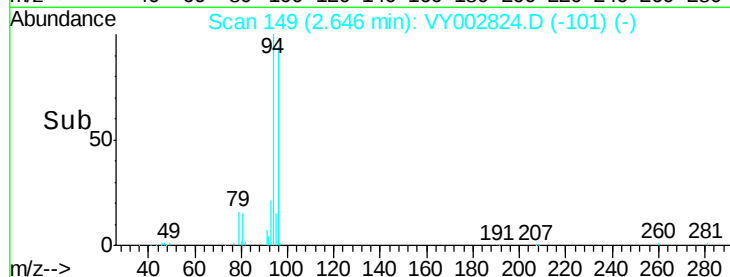
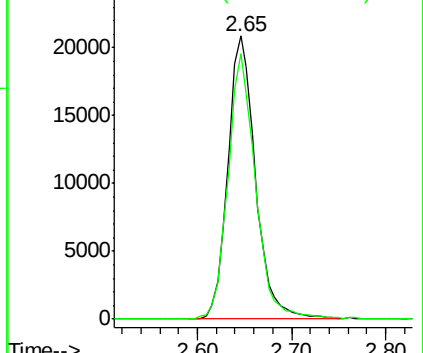
94 100

96 93.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.428 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002824.D

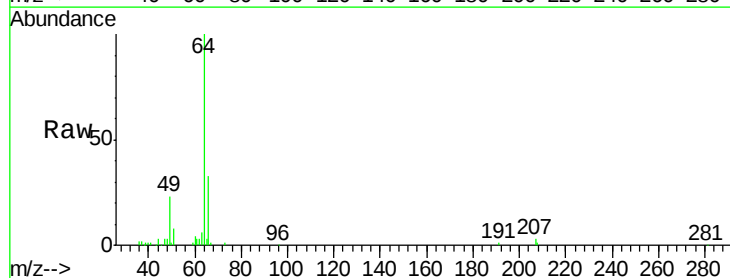
Acq: 03 Jun 2020 11:41

Tgt Ion: 64 Resp: 38573

Ion Ratio Lower Upper

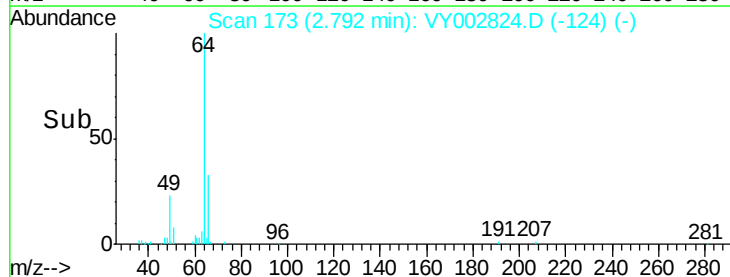
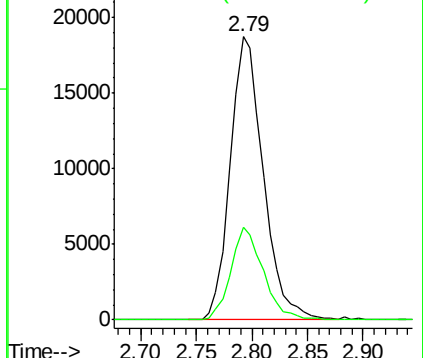
64 100

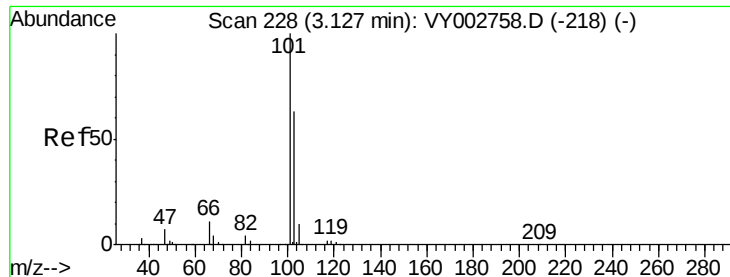
66 32.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



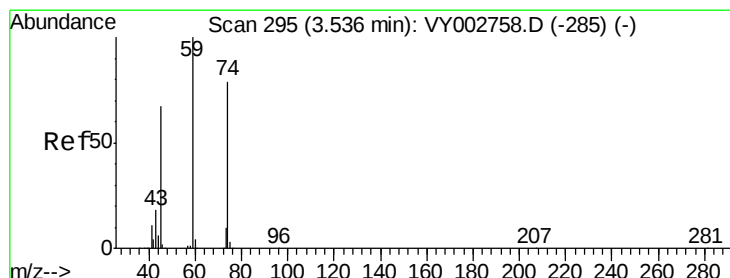
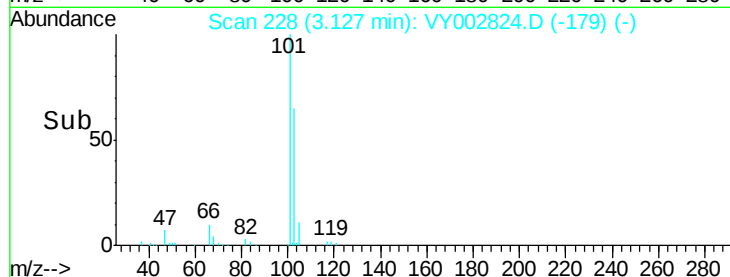
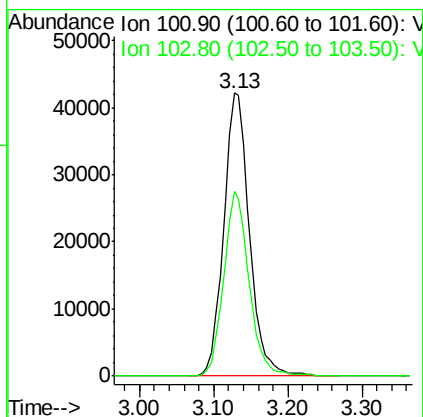
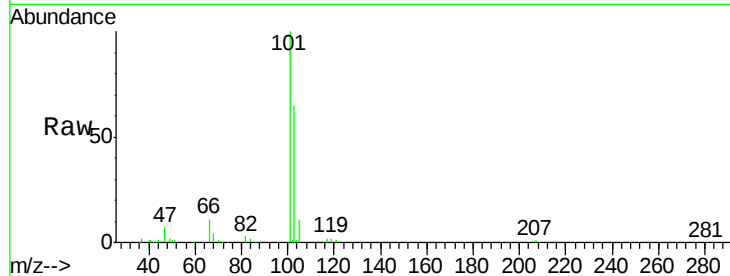


#7

Trichlorofluoromethane
Concen: 20.616 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Instrument :
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VY0603SBS01

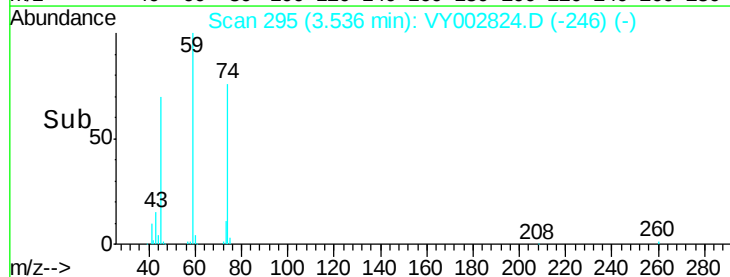
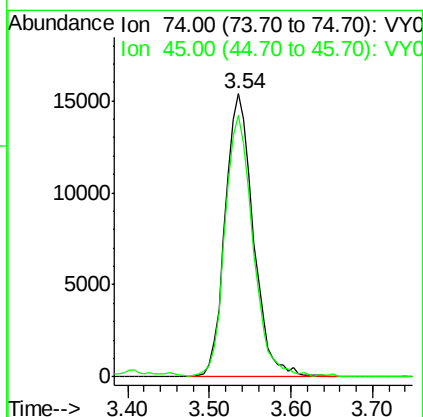
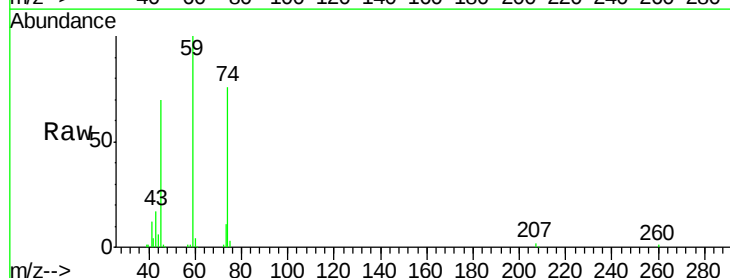
Tot Ion:101 Resp: 101393
Ion Ratio Lower Upper
101 100
103 65.3 50.6 76.0

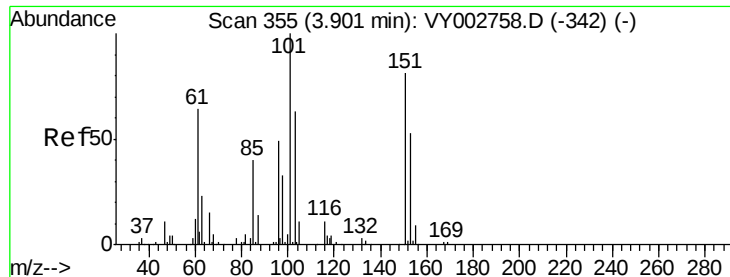


#8

Diethyl Ether
Concen: 19.099 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 74 Resp: 36677
Ion Ratio Lower Upper
74 100
45 92.1 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.337 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

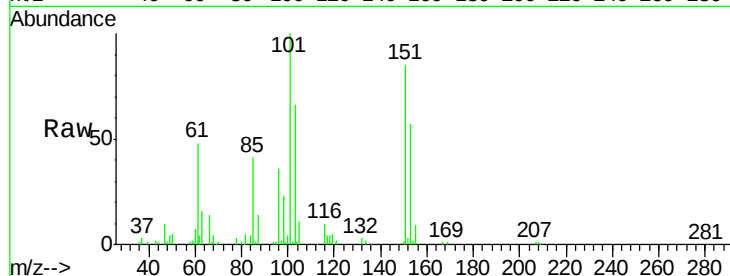
Tot Ion:101 Resp: 62304

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

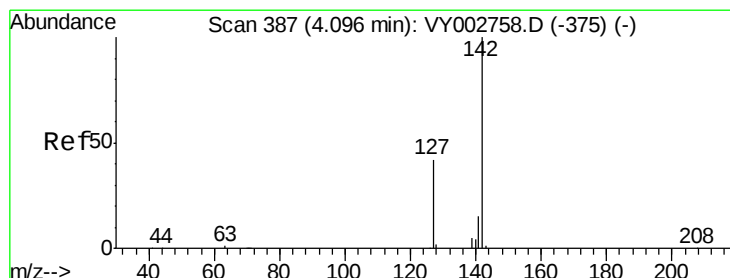
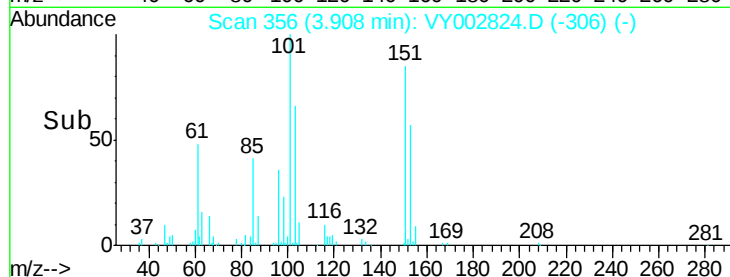
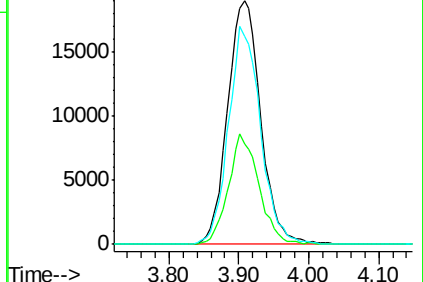
151 86.5 68.0 102.0



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: 20.625 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

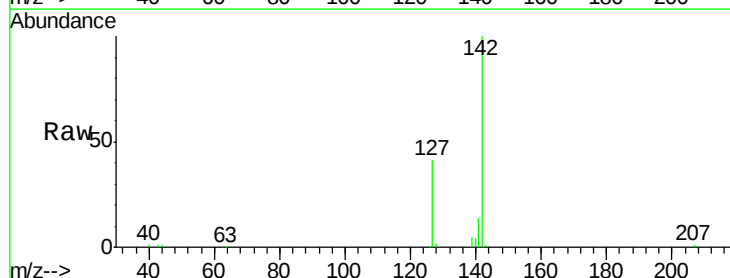
Tgt Ion:142 Resp: 84272

Ion Ratio Lower Upper

142 100

127 40.6 33.3 49.9

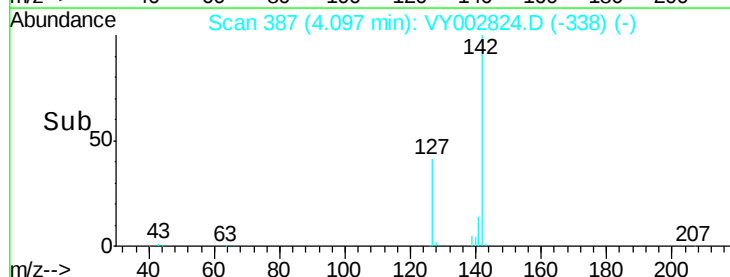
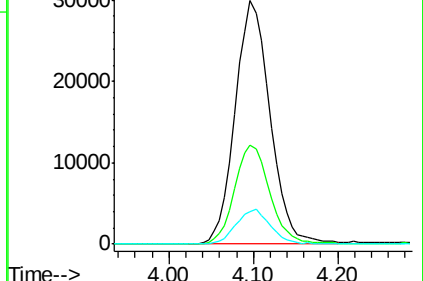
141 14.1 11.5 17.3



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



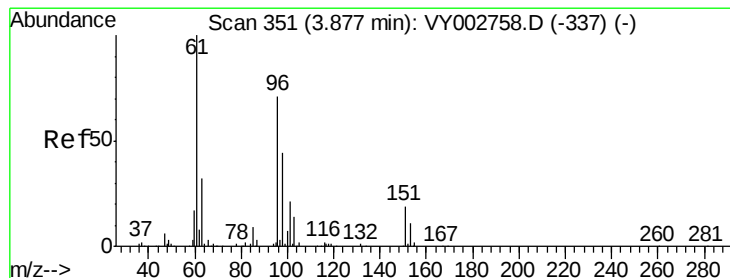
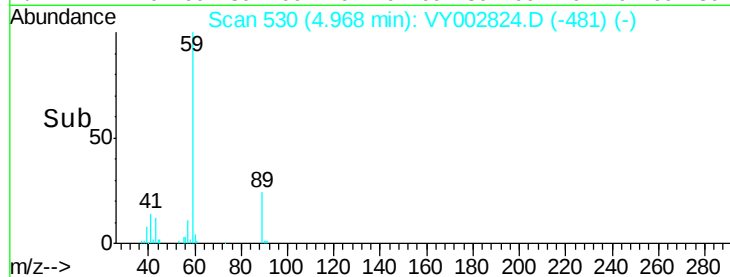
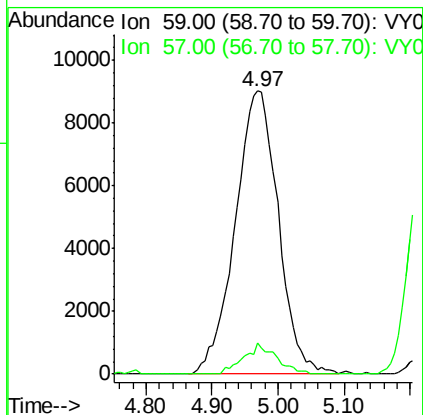
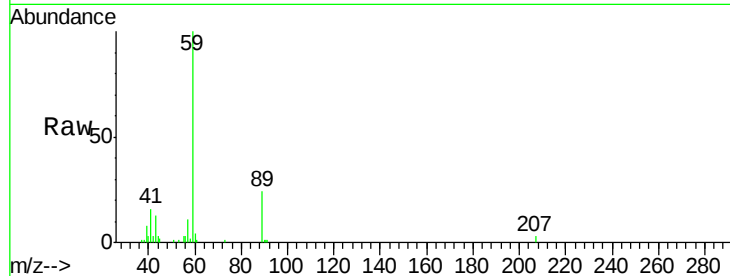


#11

Tert butyl alcohol
 Concen: 119.939 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

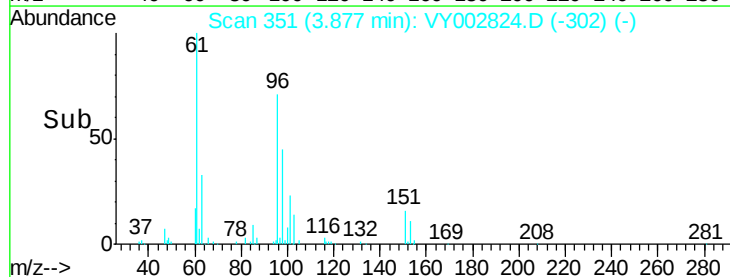
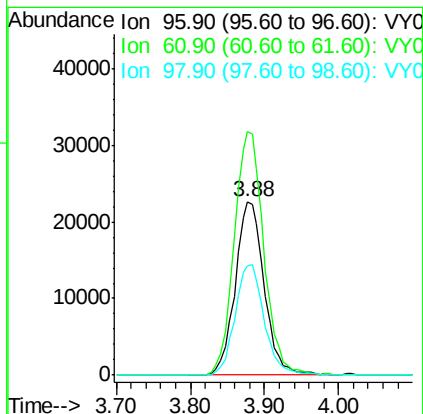
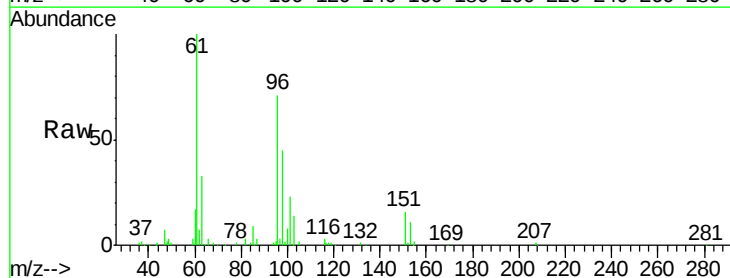
Tot Ion: 59 Resp: 40777
 Ion Ratio Lower Upper
 59 100
 57 8.2 7.7 11.5

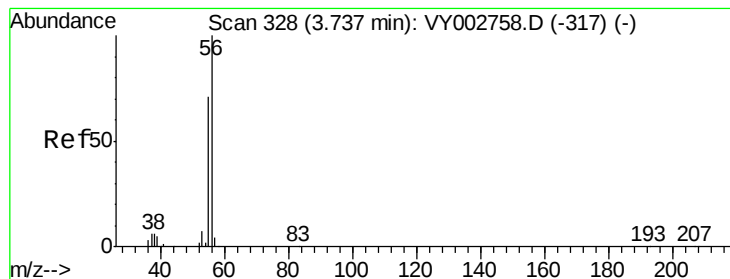


#12

1,1-Dichloroethene
 Concen: 20.976 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion: 96 Resp: 61597
 Ion Ratio Lower Upper
 96 100
 61 140.3 112.6 168.8
 98 62.9 50.0 75.0





#13

Acrolein

Concen: 91.713 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

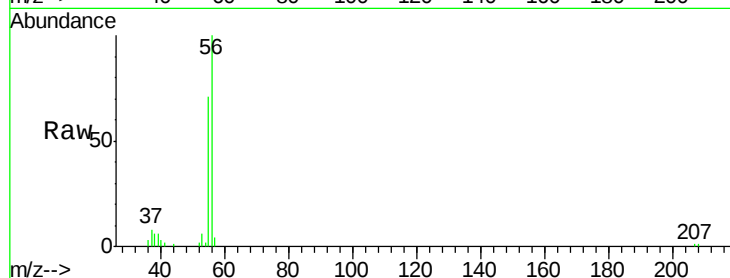
VY0603SBS01

Tot Ion: 56 Resp: 32213

Ion Ratio Lower Upper

56 100

55 69.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

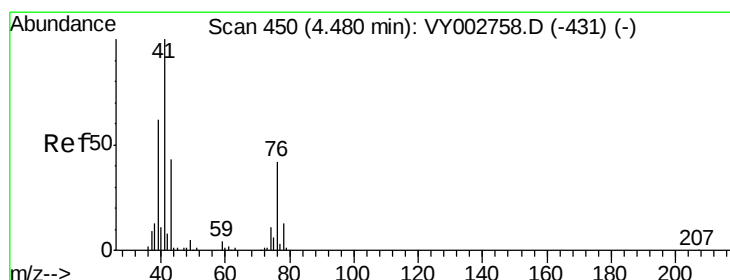
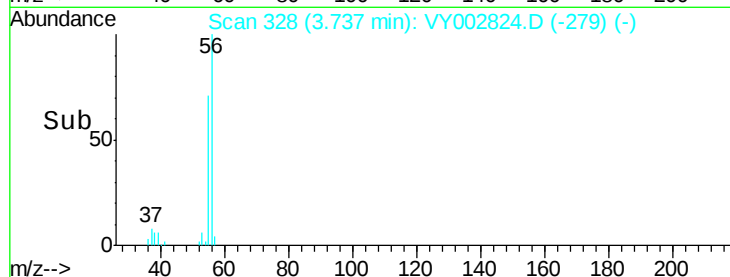
15000

10000

5000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 21.711 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

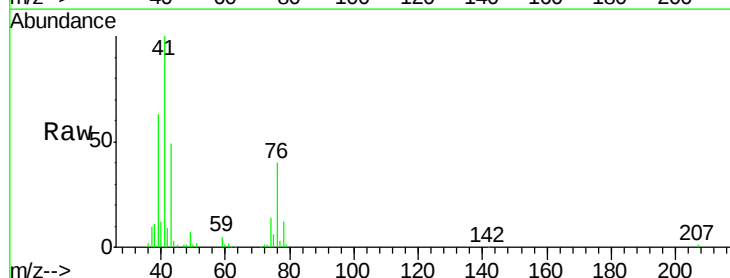
Tgt Ion: 41 Resp: 91442

Ion Ratio Lower Upper

41 100

39 61.6 49.9 74.9

76 40.0 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

4.49

40000

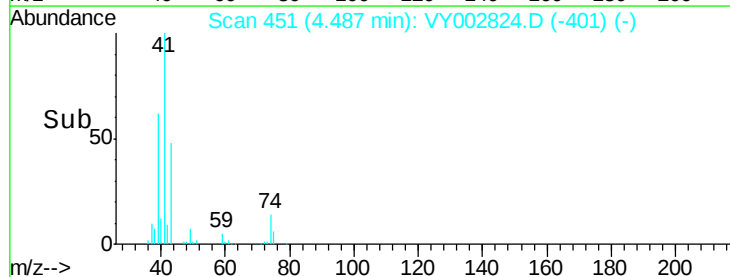
30000

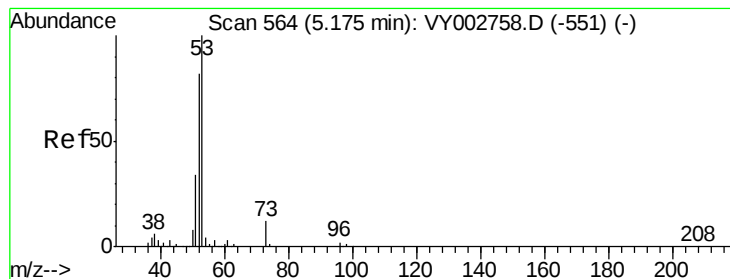
20000

10000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 107.977 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

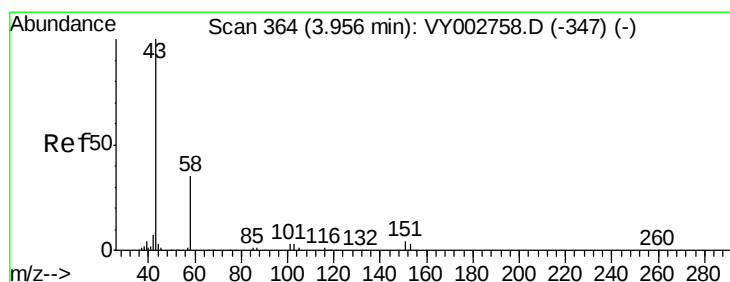
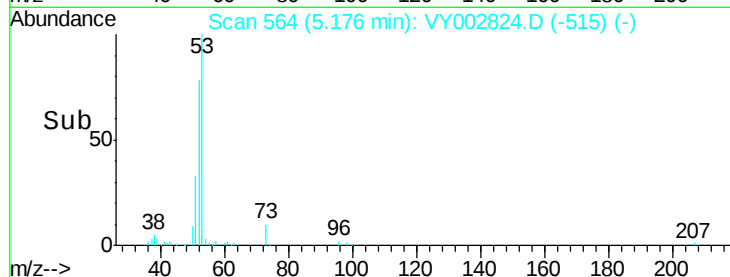
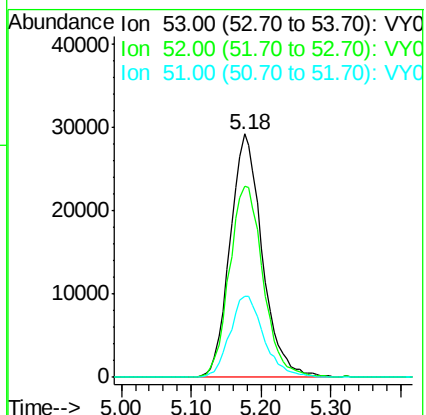
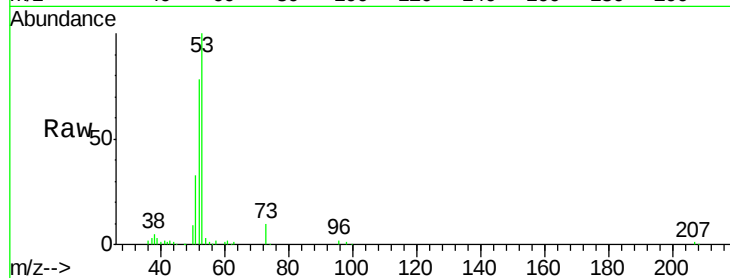
Tot Ion: 53 Resp: 93545

Ion Ratio Lower Upper

53 100

52 82.3 65.3 97.9

51 35.4 28.0 42.0



#16

Acetone

Concen: 104.666 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002824.D

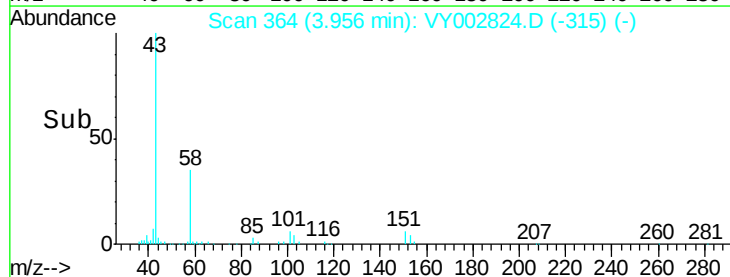
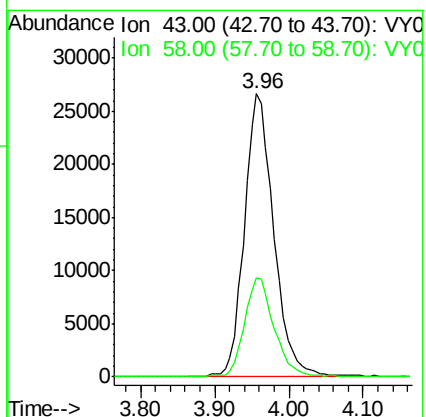
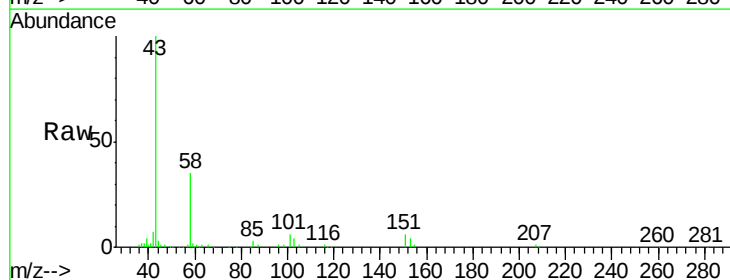
Acq: 03 Jun 2020 11:41

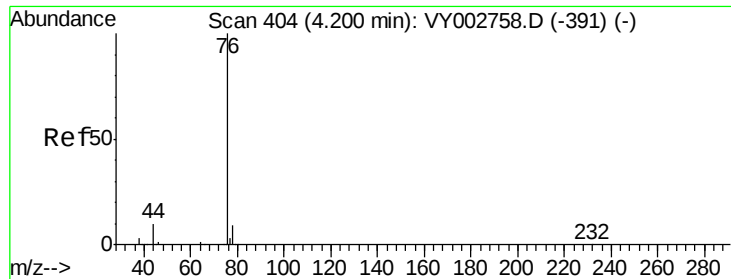
Tgt Ion: 43 Resp: 73560

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5





#17

Carbon Disulfide

Concen: 20.429 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

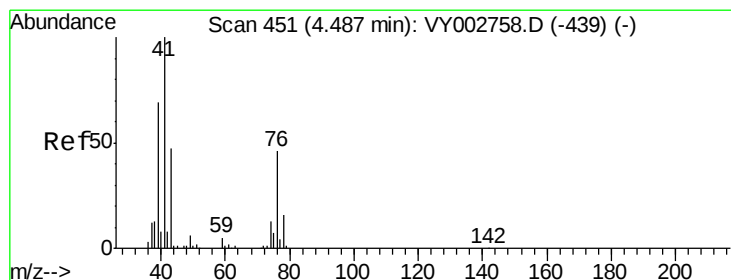
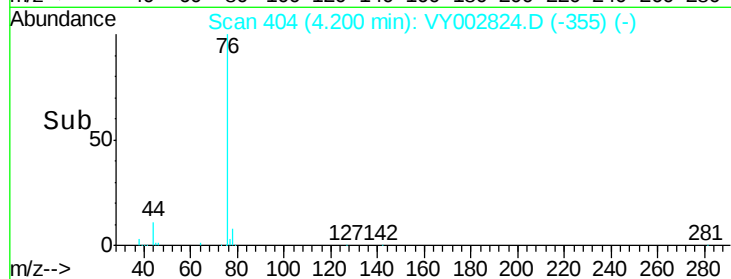
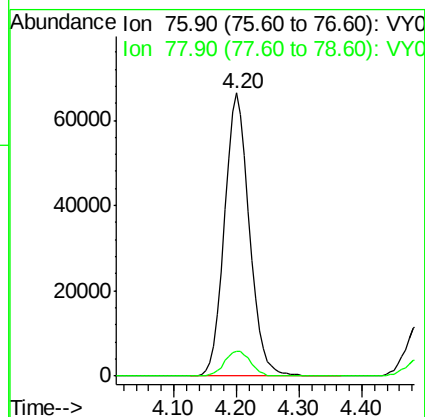
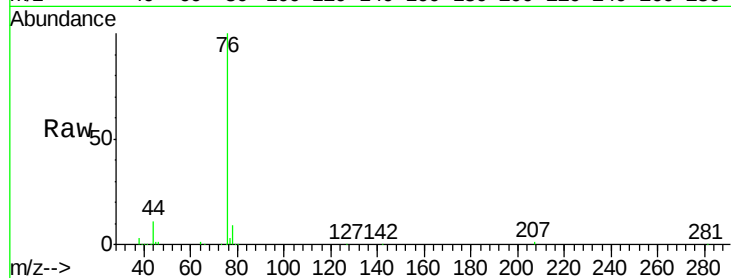
VY0603SBSD01

Tot Ion: 76 Resp: 181282

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3



#18

Methyl Acetate

Concen: 24.119 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002824.D

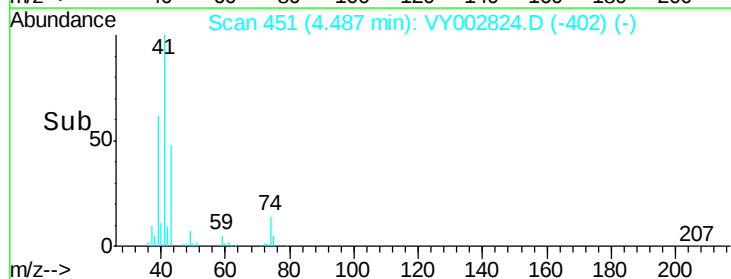
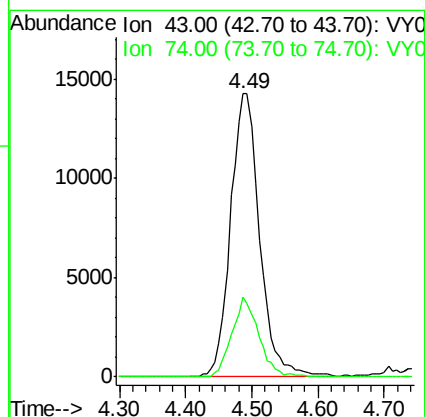
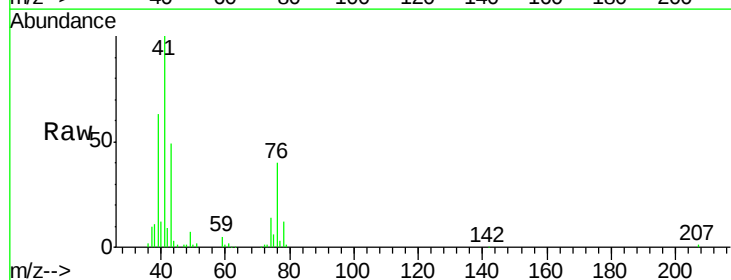
Acq: 03 Jun 2020 11:41

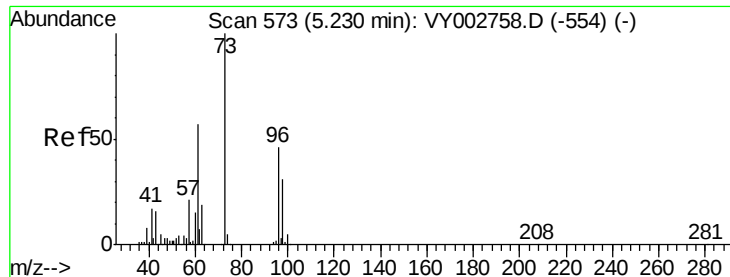
Tgt Ion: 43 Resp: 43417

Ion Ratio Lower Upper

43 100

74 26.0 21.4 32.0

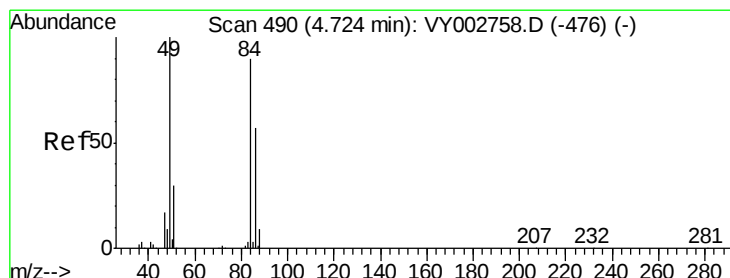
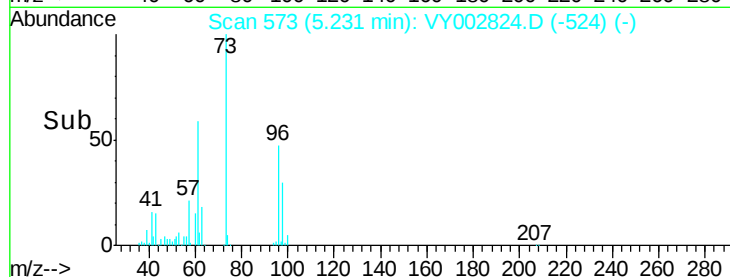
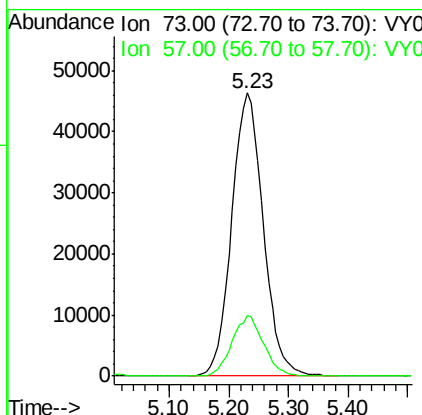
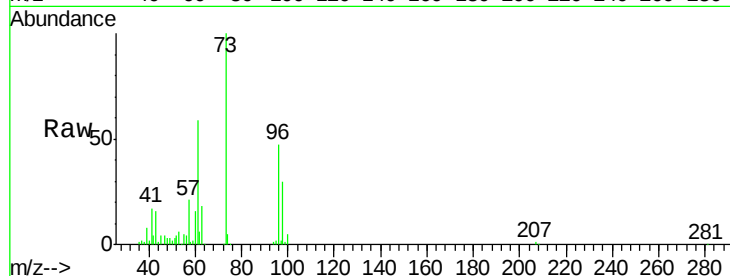




#19
Methvl tert-butvl Ether
Concen: 21.007 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

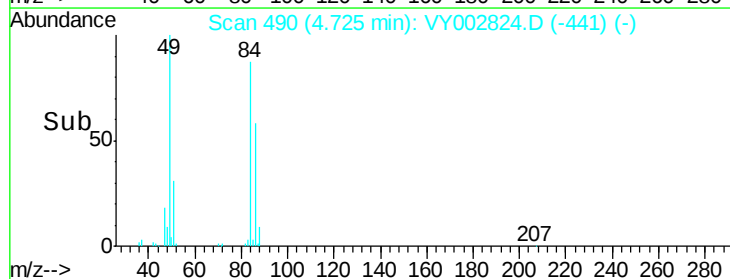
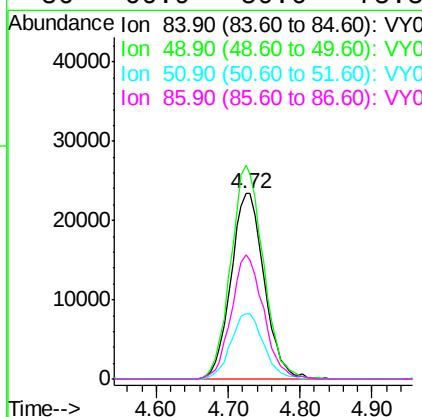
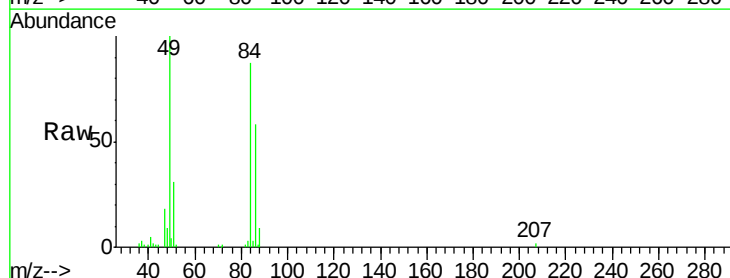
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

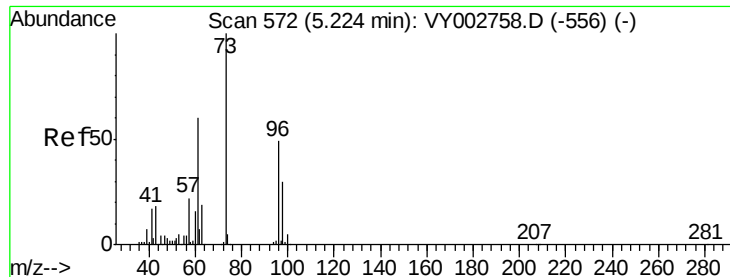
Tot Ion: 73 Resp: 170303
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 21.845 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 84 Resp: 75027
Ion Ratio Lower Upper
84 100
49 115.3 88.5 132.7
51 35.3 26.8 40.2
86 66.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.999 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

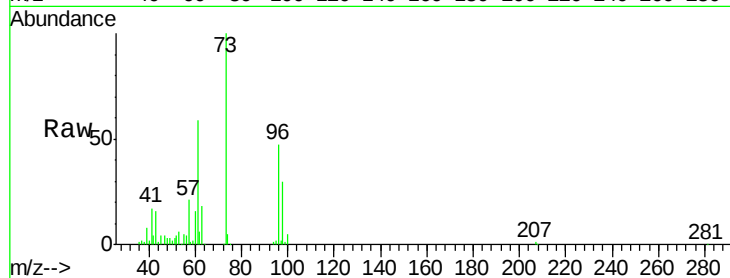
Tot Ion: 96 Resp: 69349

Ion Ratio Lower Upper

96 100

61 125.5 96.8 145.2

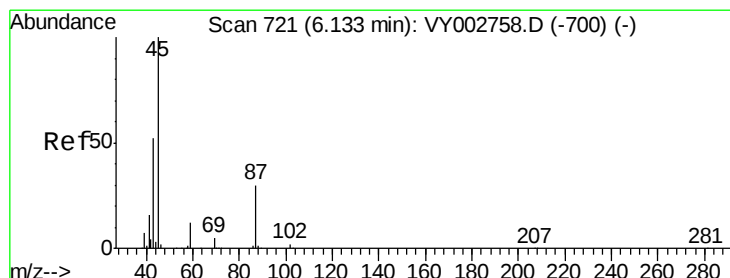
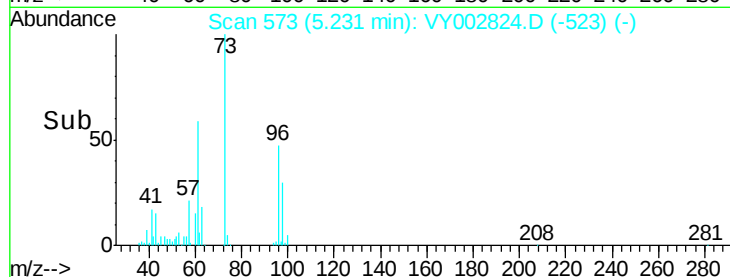
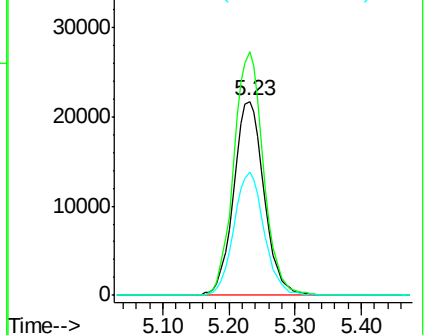
98 63.5 49.4 74.0



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: 21.856 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Tgt Ion: 45 Resp: 191287

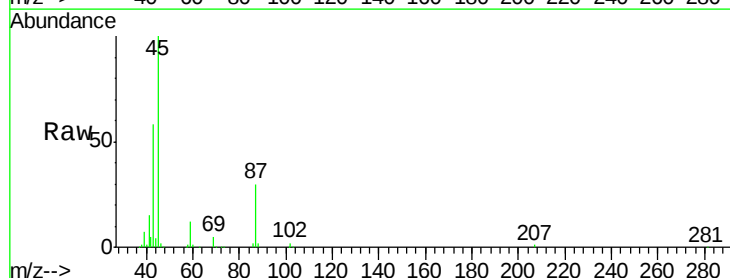
Ion Ratio Lower Upper

45 100

43 58.2 41.7 62.5

87 29.8 24.2 36.2

59 11.8 9.8 14.8

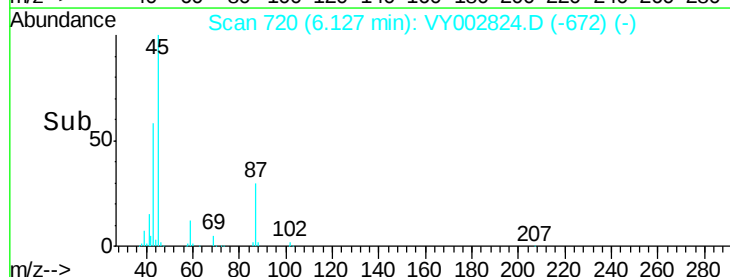
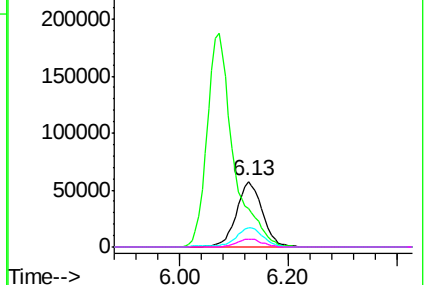


Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 108.393 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

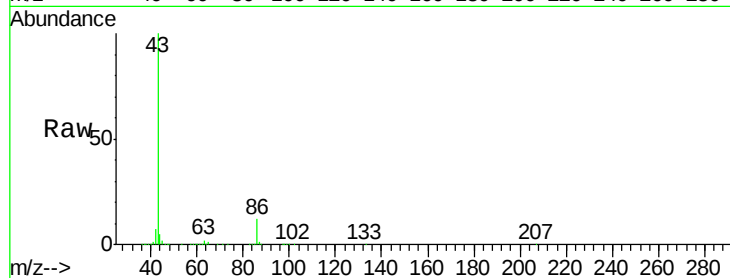
VY0603SBS01

Tot Ion: 43 Resp: 626341

Ion Ratio Lower Upper

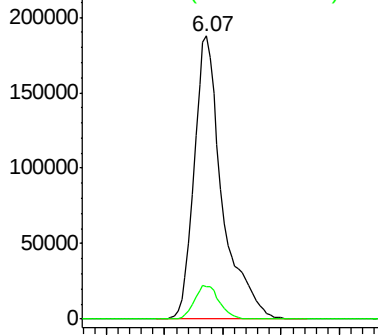
43 100

86 11.6 10.2 15.2

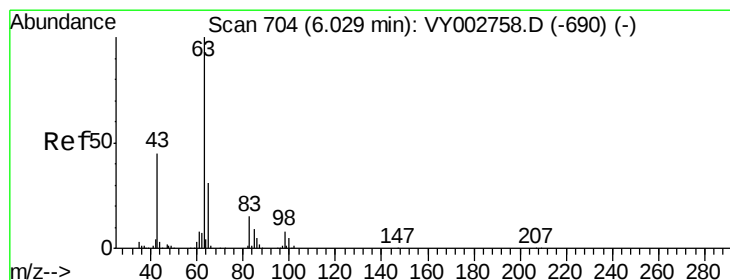
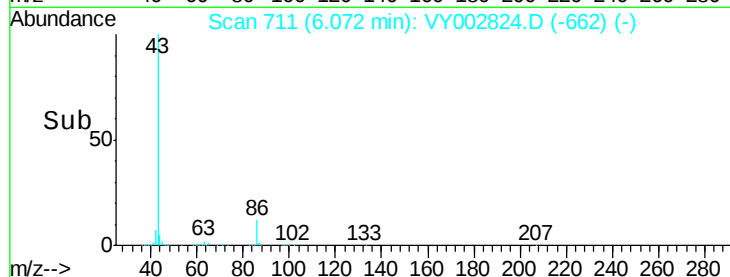


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.450 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

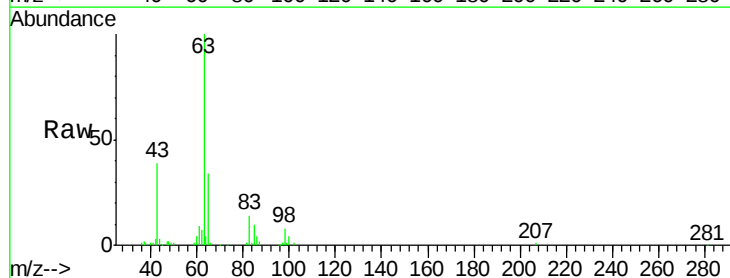
Tgt Ion: 63 Resp: 109819

Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

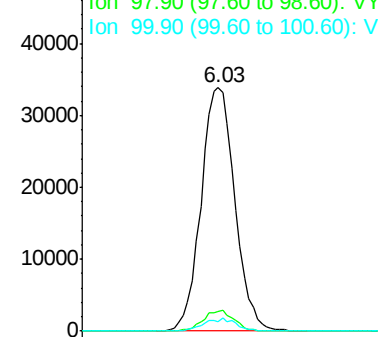
100 4.1 2.4 7.1



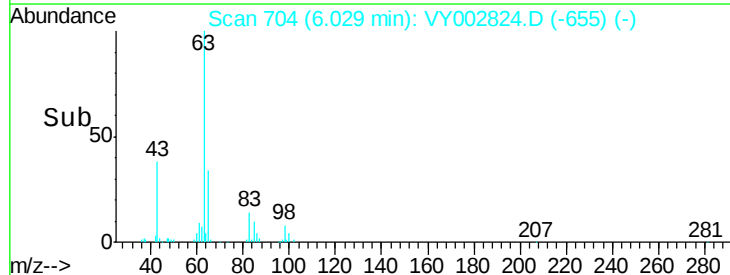
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time--> 5.90 6.00 6.10 6.20

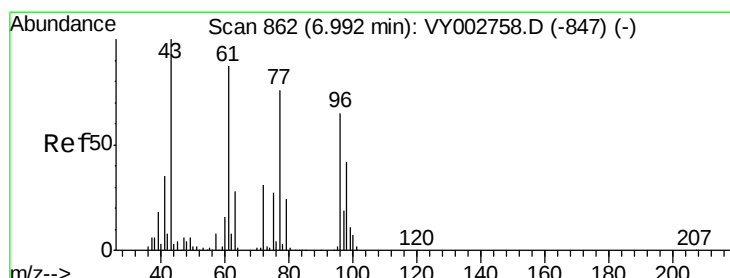
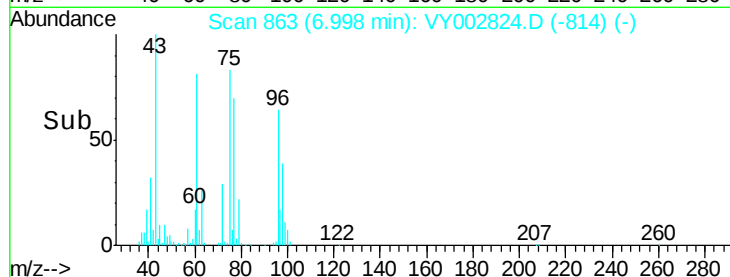
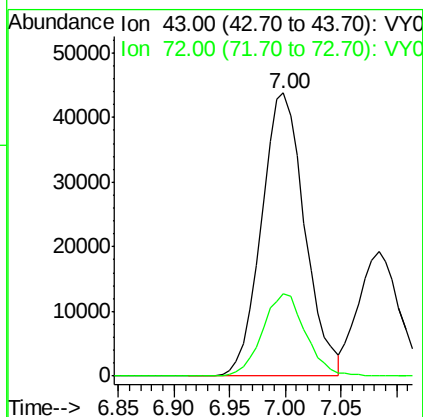
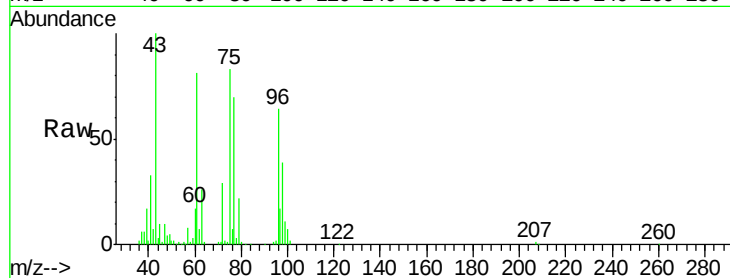




#25
2-Butanone
Concen: 108.509 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

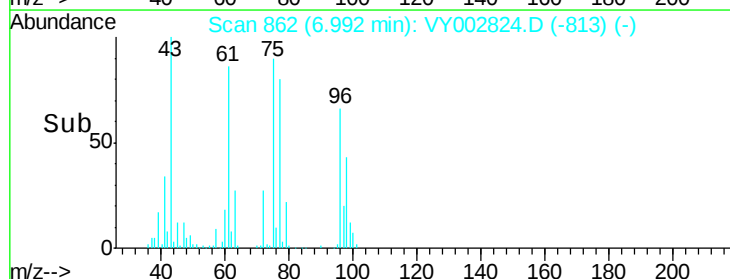
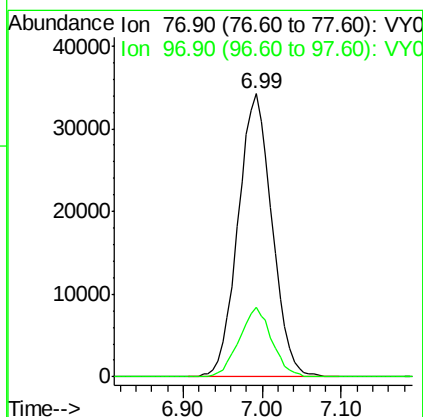
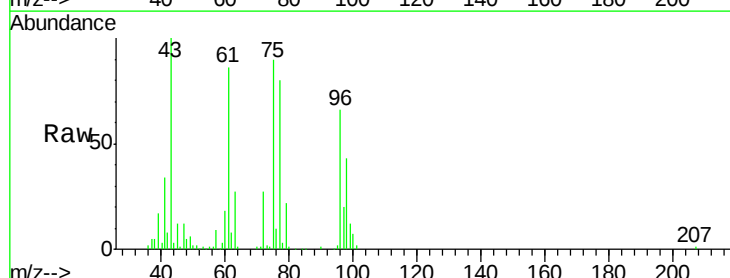
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

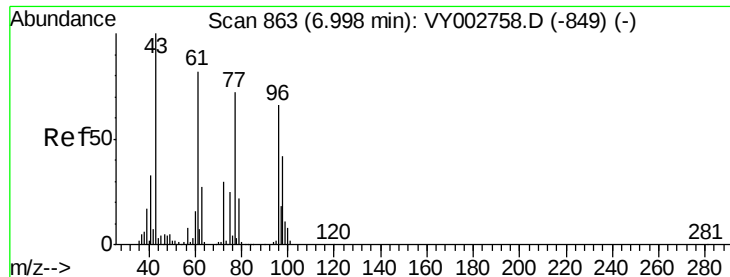
Tot Ion: 43 Resp: 118814
Ion Ratio Lower Upper
43 100
72 29.2 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.869 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 77 Resp: 102473
Ion Ratio Lower Upper
77 100
97 23.4 12.2 36.6



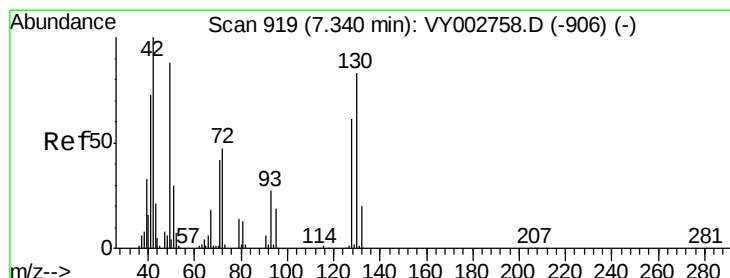
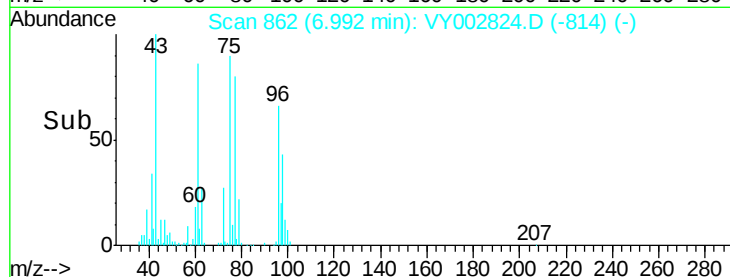
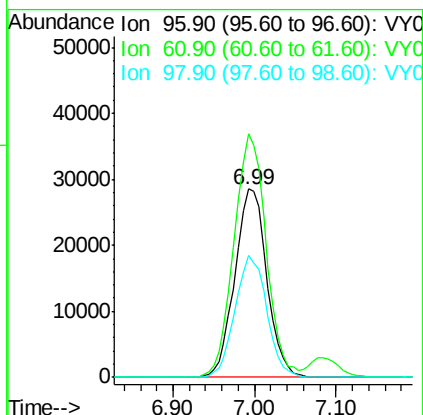
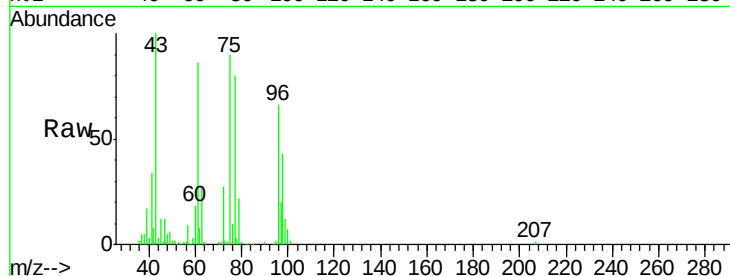


#27

cis-1,2-Dichloroethene
 Concen: 20.952 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

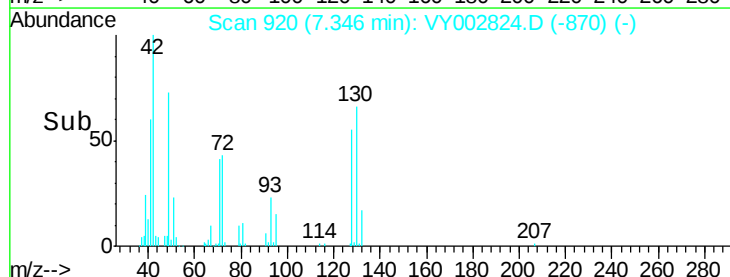
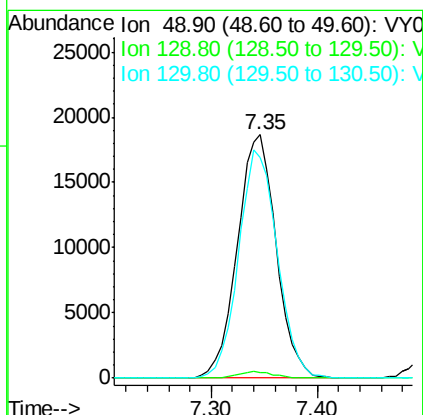
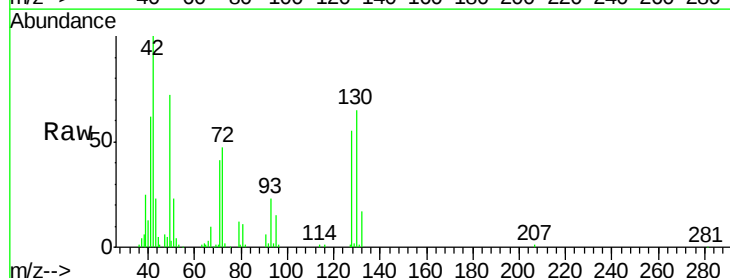
Tot Ion	96	Resp	77460
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	260.2
98	64.3	0.0	128.2



#28

Bromochloromethane
 Concen: 22.677 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion	49	Resp	47662
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	93.4	77.1	115.7





#29

Tetrahydrofuran

Concen: 109.348 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

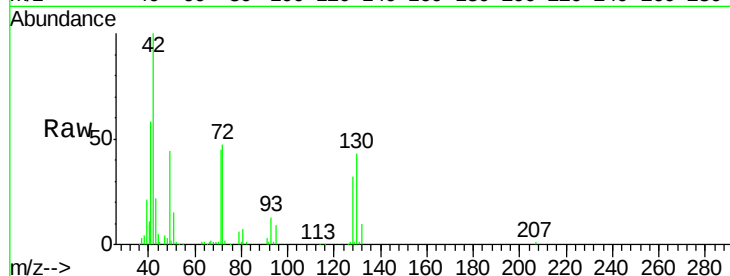
Tot Ion: 42 Resp: 77882

Ion Ratio Lower Upper

42 100

72 47.3 38.6 58.0

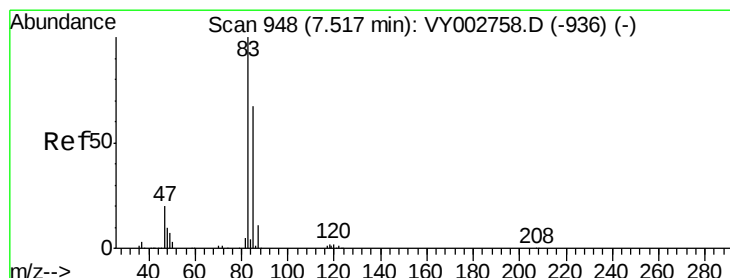
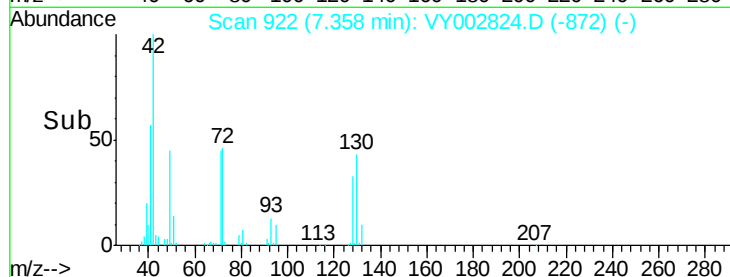
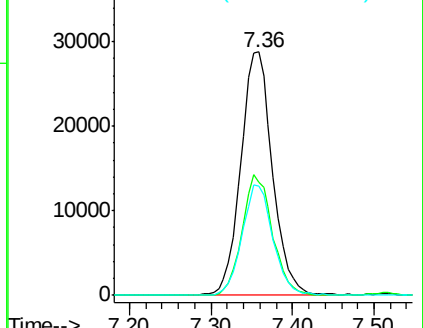
71 44.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.828 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002824.D

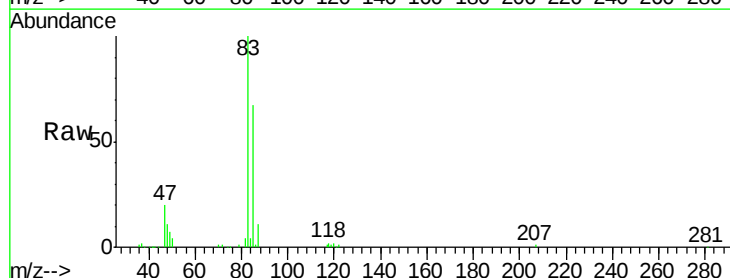
Acq: 03 Jun 2020 11:41

Tgt Ion: 83 Resp: 113154

Ion Ratio Lower Upper

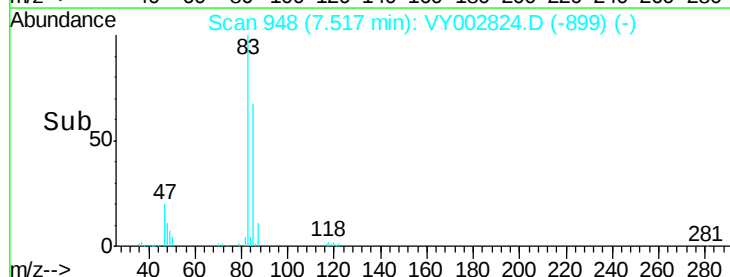
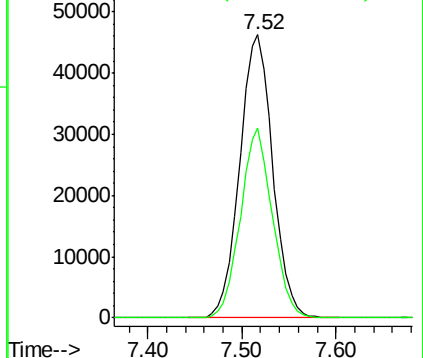
83 100

85 66.9 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.311 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

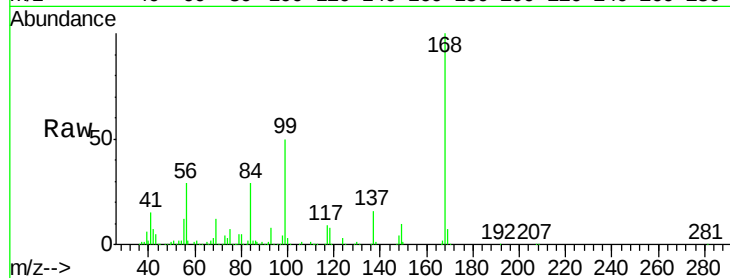
Tot Ion: 56 Resp: 103246

Ion Ratio Lower Upper

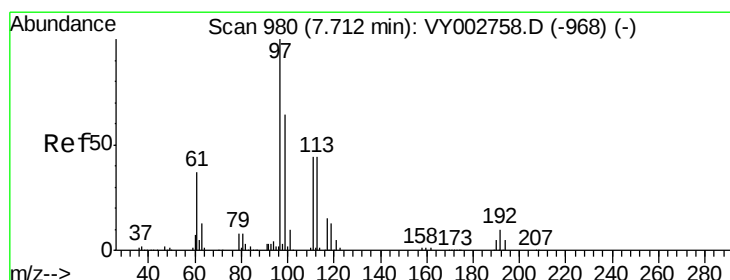
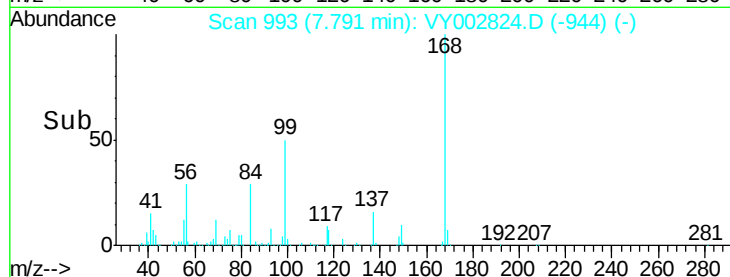
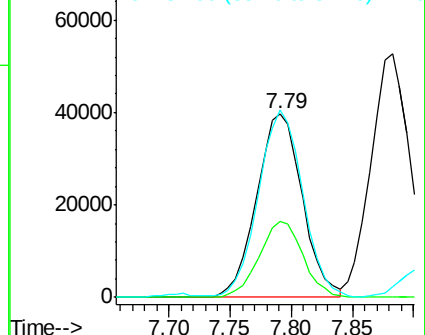
56 100

69 40.9 28.0 42.0

84 100.8 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 20.232 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

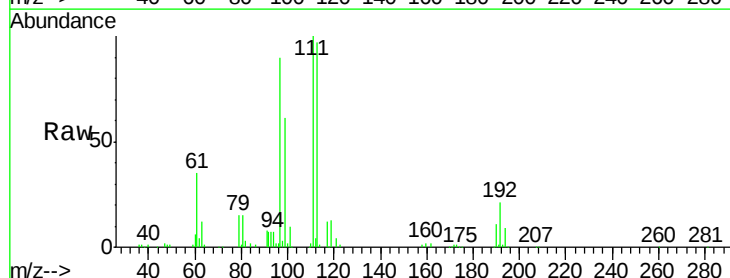
Tgt Ion: 97 Resp: 102426

Ion Ratio Lower Upper

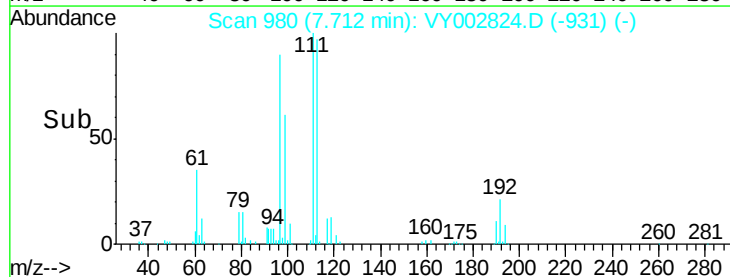
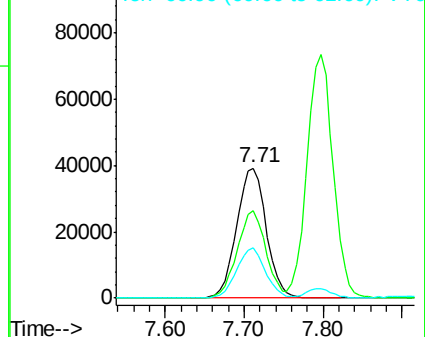
97 100

99 64.8 51.4 77.0

61 37.6 30.1 45.1



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

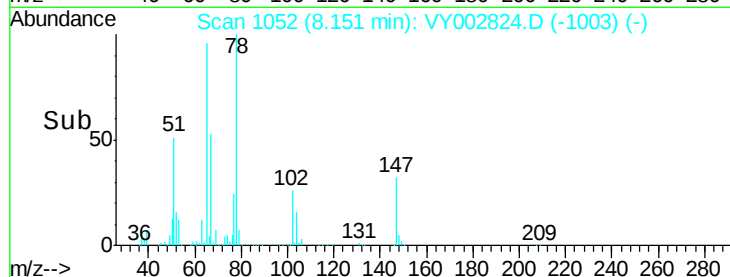
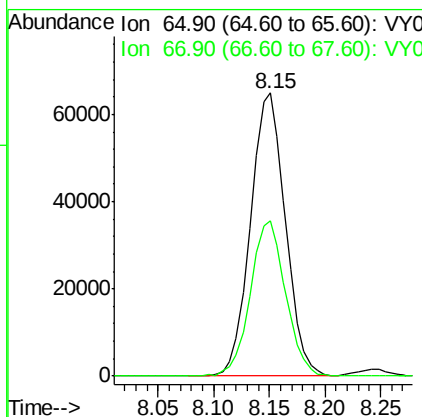
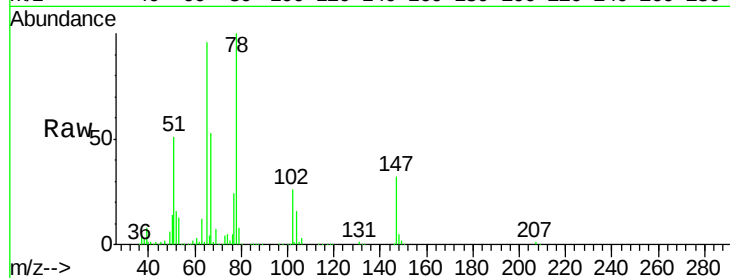




#33
 1,2-Dichloroethane-d4
 Concen: 47.257 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

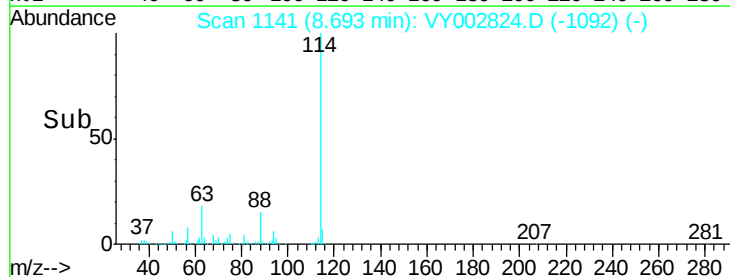
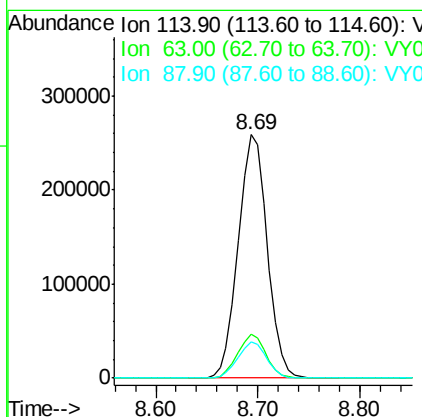
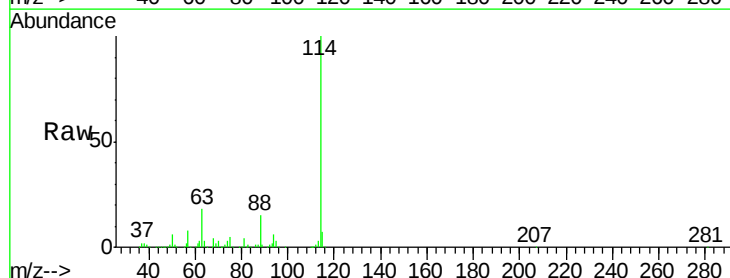
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

Tot Ion: 65 Resp: 141640
 Ion Ratio Lower Upper
 65 100
 67 55.4 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: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion: 114 Resp: 509611
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 15.0 0.0 29.2

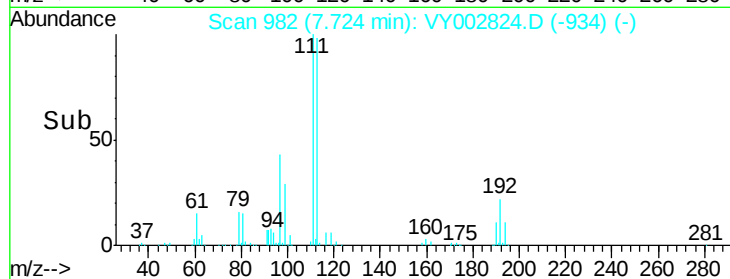
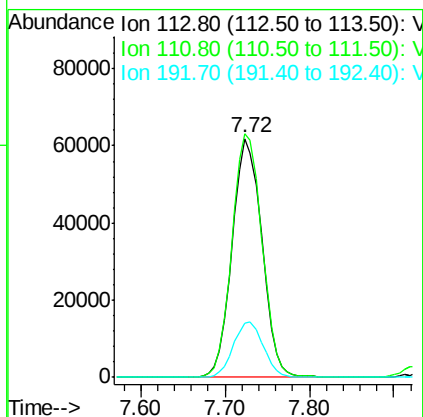
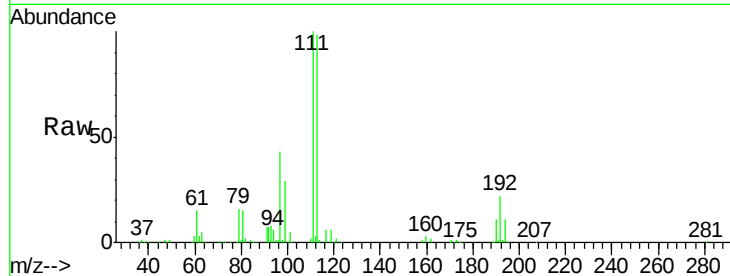




#35
 Dibromofluoromethane
 Concen: 49.575 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

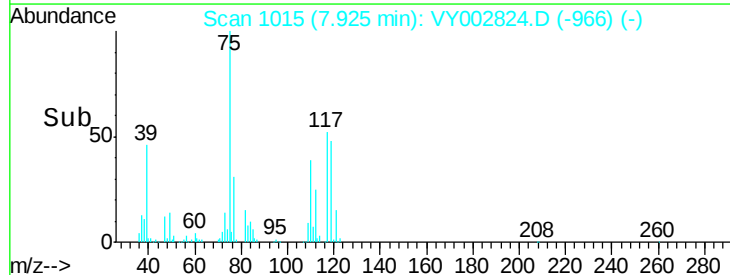
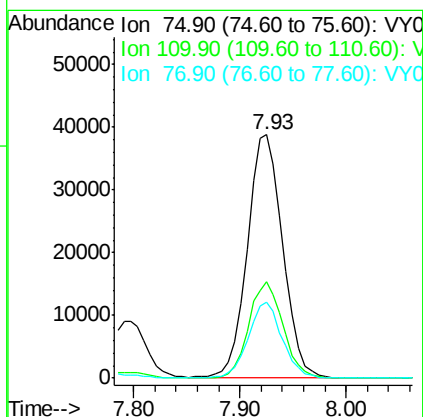
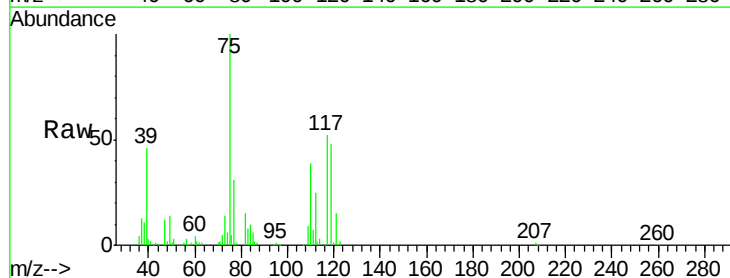
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

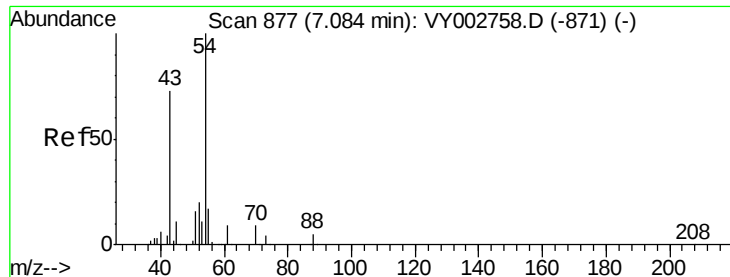
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.057 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.3	57.9
77	30.1	24.8	37.2

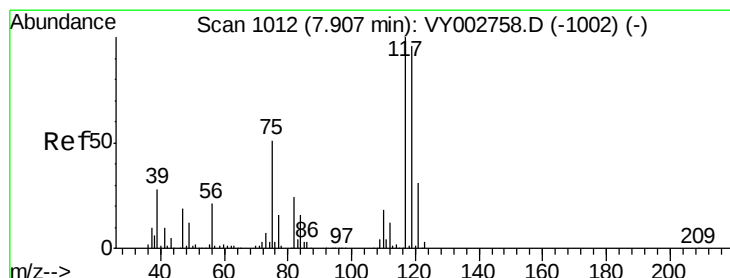
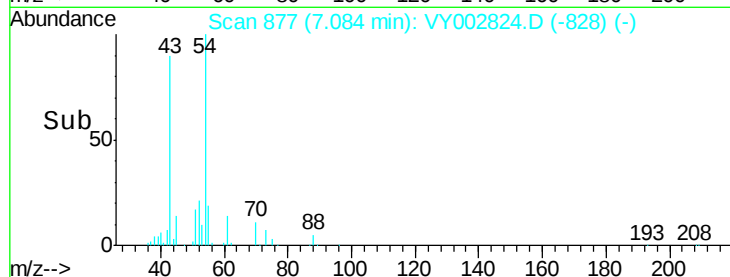
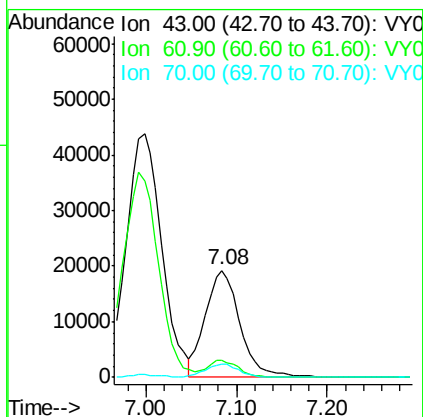
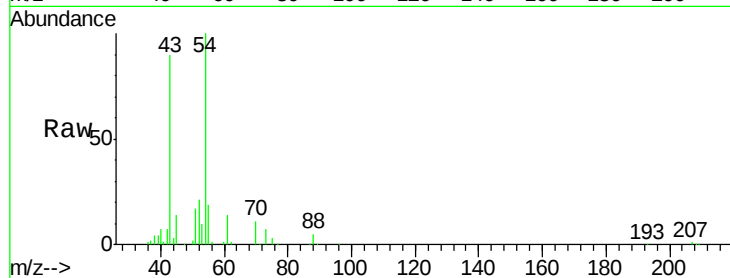




#37
Ethyl Acetate
Concen: 21.949 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

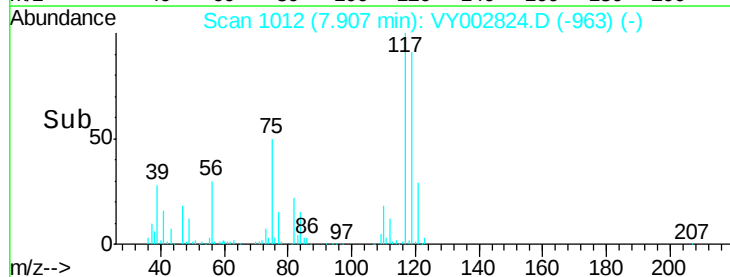
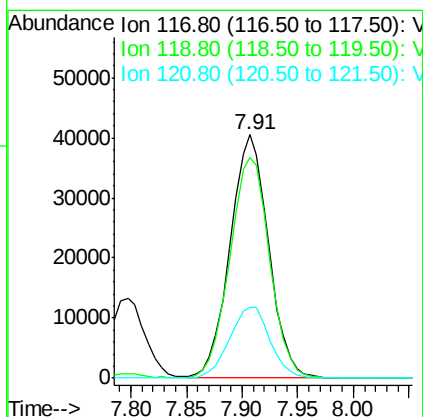
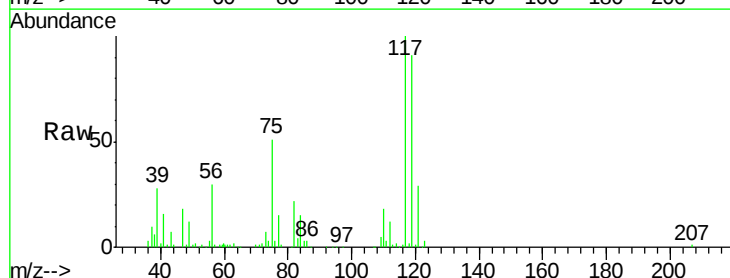
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

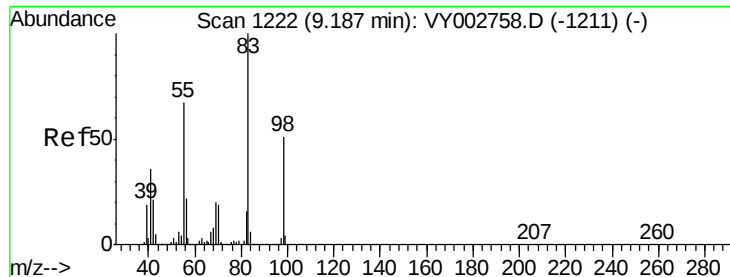
Tot Ion: 43 Resp: 51265
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.360 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 117 Resp: 97094
Ion Ratio Lower Upper
117 100
119 90.8 76.8 115.2
121 29.0 24.8 37.2

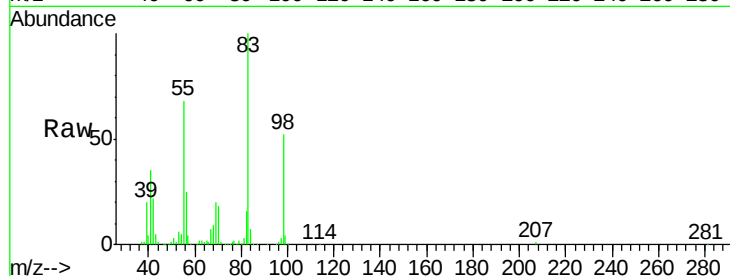




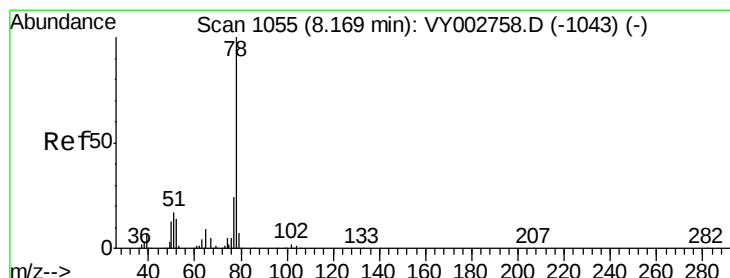
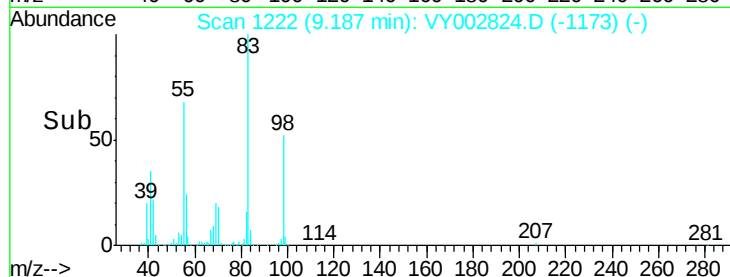
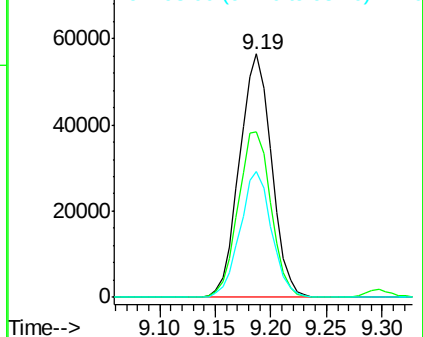
#39
Methvlcvclohexane
Concen: 19.988 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tot Ion: 83 Resp: 113101
Ion Ratio Lower Upper
83 100
55 68.2 53.3 79.9
98 51.5 41.1 61.7

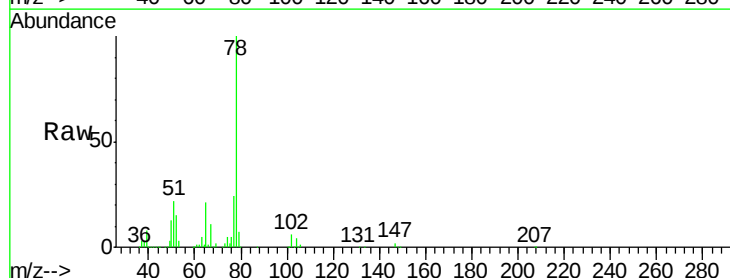


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

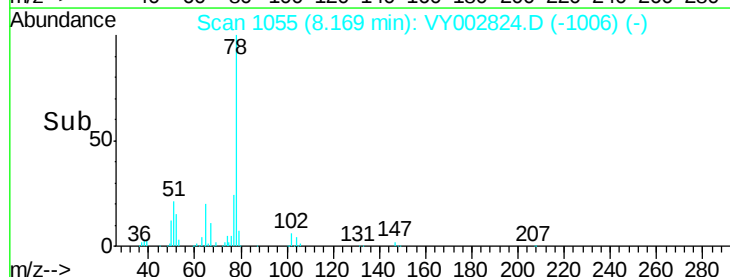
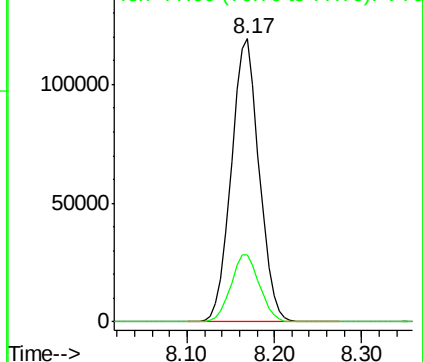


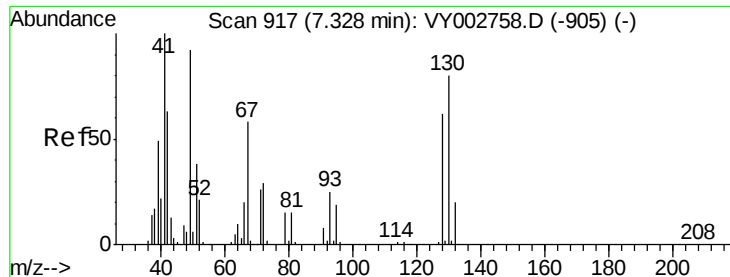
#40
Benzene
Concen: 20.782 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 78 Resp: 263613
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



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

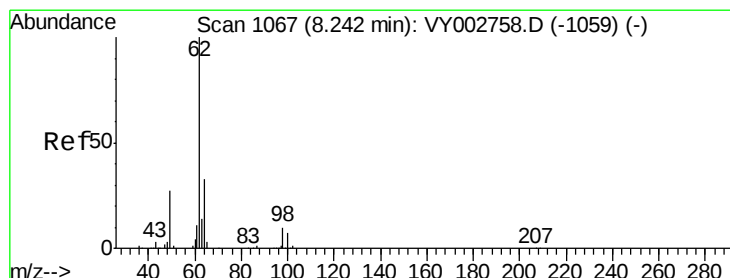
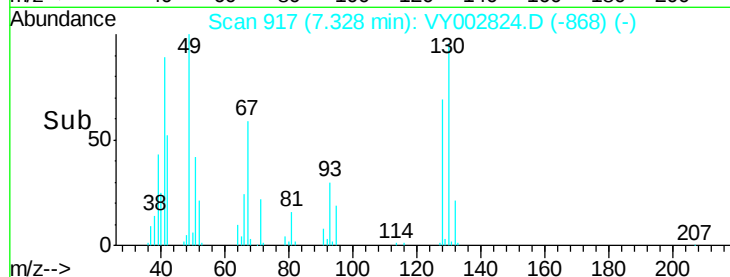
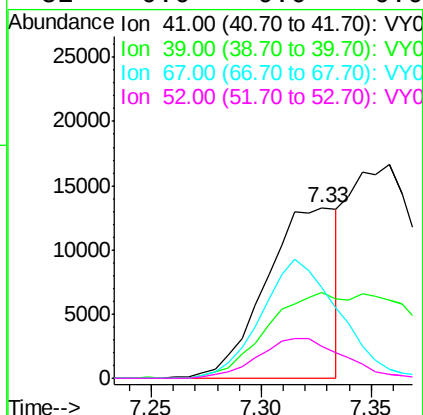
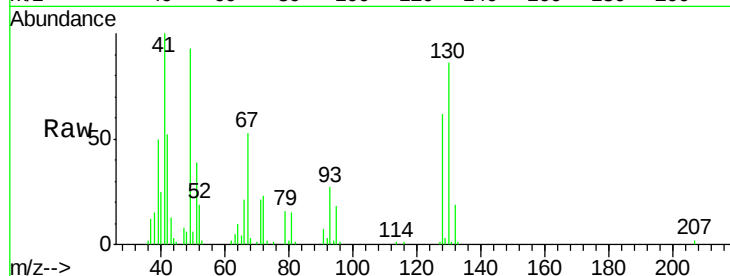




#41
Methacrylonitrile
Concen: 24.040 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

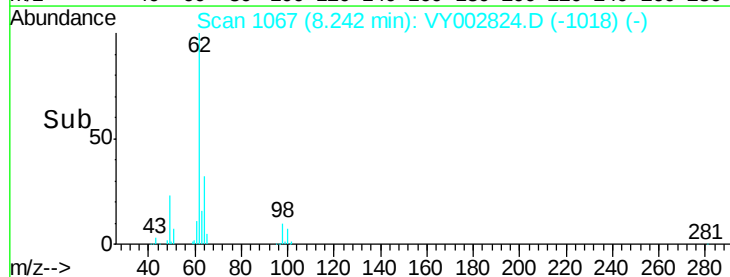
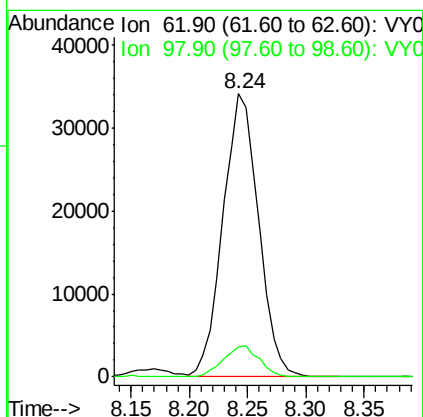
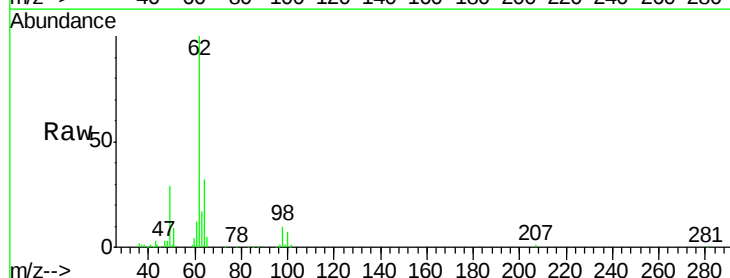
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

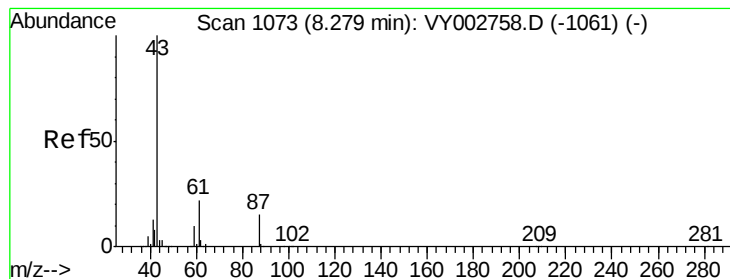
Tot Ion:	41	Resp:	30164
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.454 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion:	62	Resp:	72710
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6



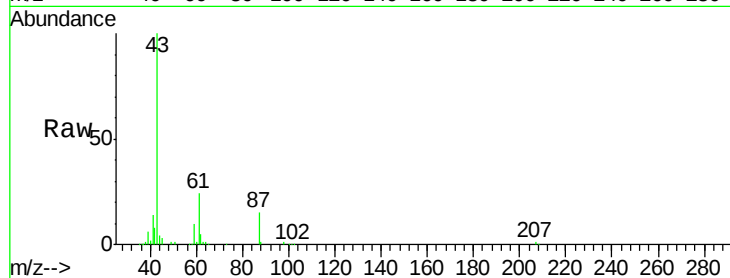


#43

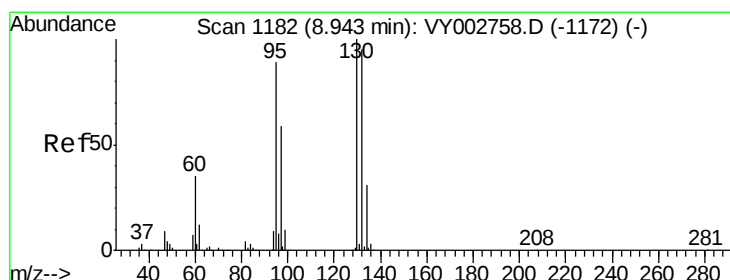
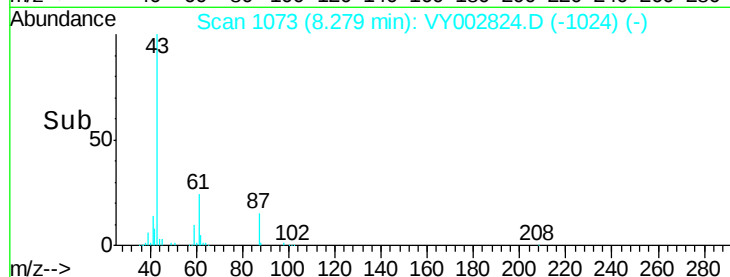
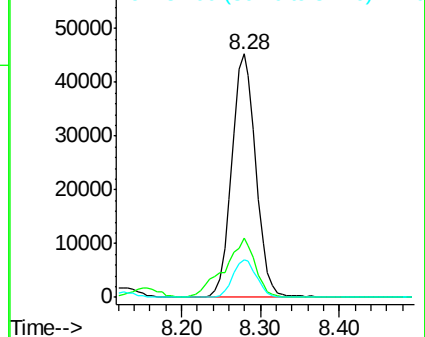
Isopropyl Acetate
 Concen: 21.660 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Tot Ion	43	Resp	95868
Ion Ratio	Lower	Upper	
43	100		
61	31.4	24.8	37.2
87	15.3	12.4	18.6



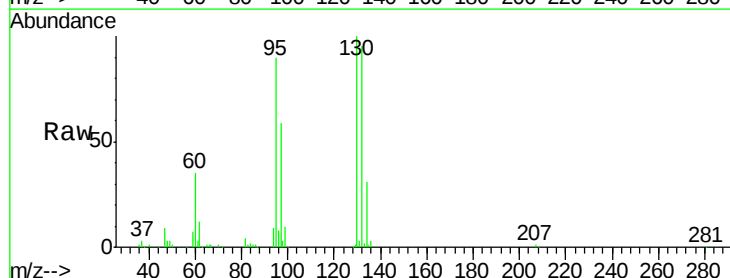
Abundance Ion 43.00 (42.70 to 43.70): VY002824.D (-1024) (-)



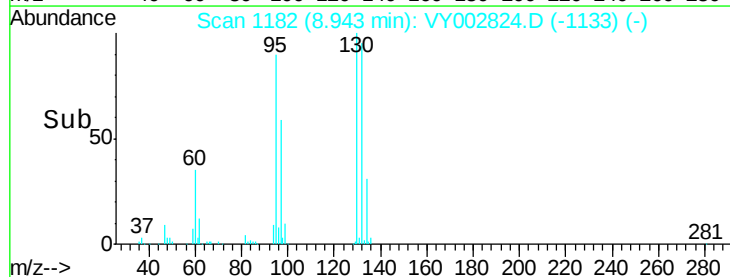
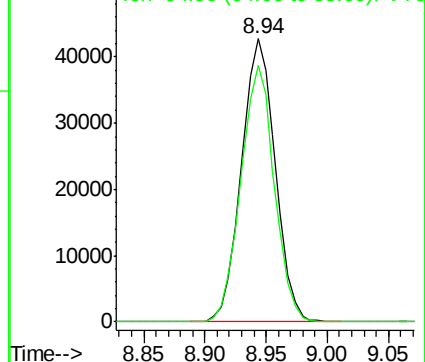
#44

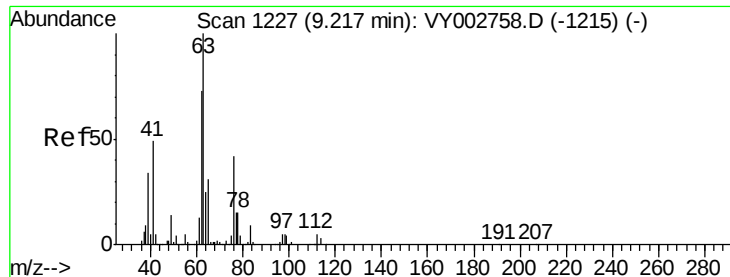
Trichloroethene
 Concen: 20.430 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion	130	Resp	81855
Ion Ratio	Lower	Upper	
130	100		
95	90.5	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002824.D (-1133) (-)

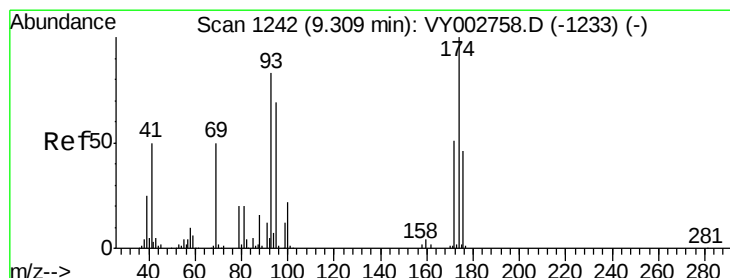
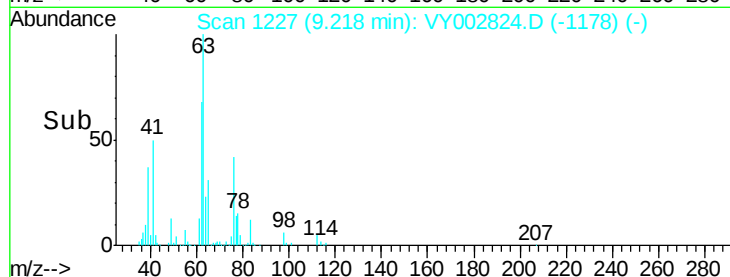
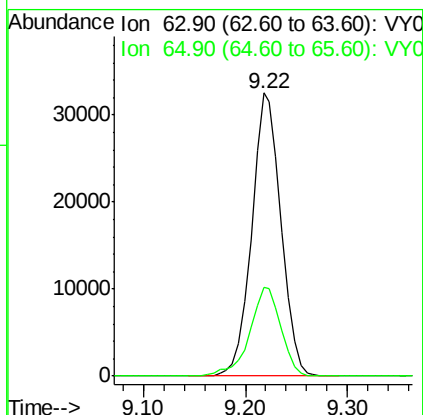
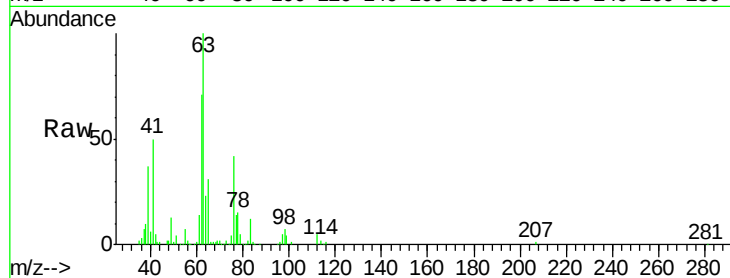




#45
 1,2-Dichloropropane
 Concen: 21.325 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

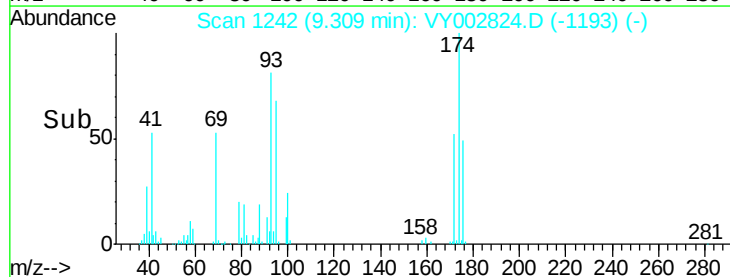
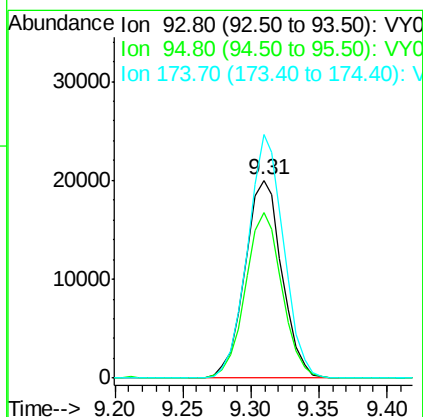
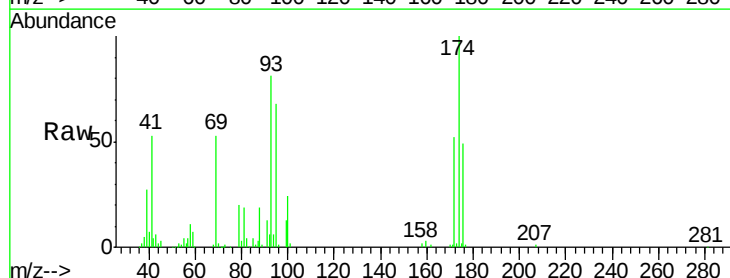
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

Tot Ion: 63 Resp: 64868
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 21.122 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion: 93 Resp: 38158
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.9 100.3
 174 119.4 97.7 146.5





#47

Bromodichloromethane

Concen: 20.482 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

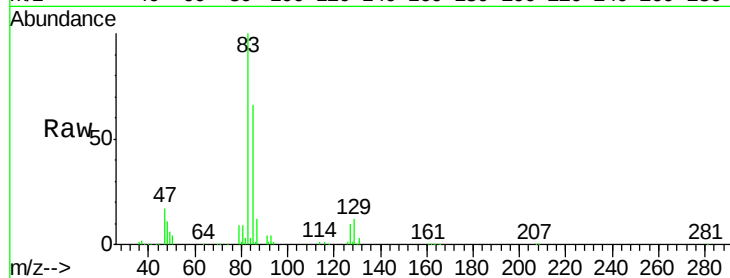
Tot Ion: 83 Resp: 87228

Ion Ratio Lower Upper

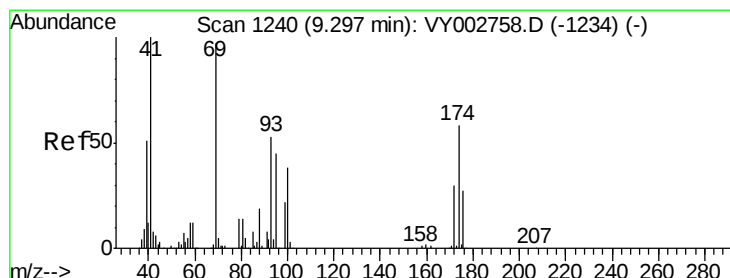
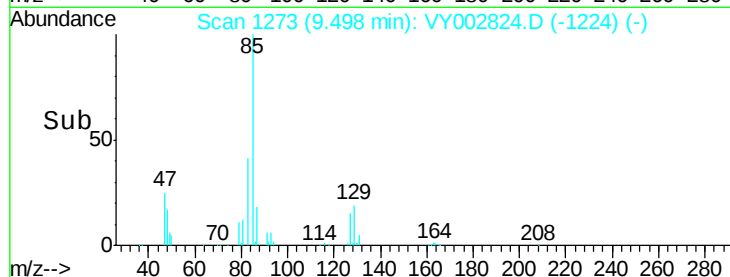
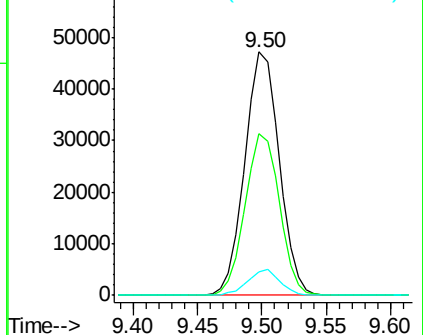
83 100

85 66.3 51.9 77.9

127 9.7 7.1 10.7



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



#48

Methyl methacrylate

Concen: 21.618 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

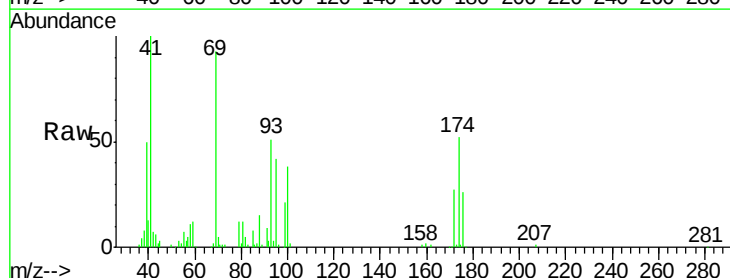
Tgt Ion: 41 Resp: 43194

Ion Ratio Lower Upper

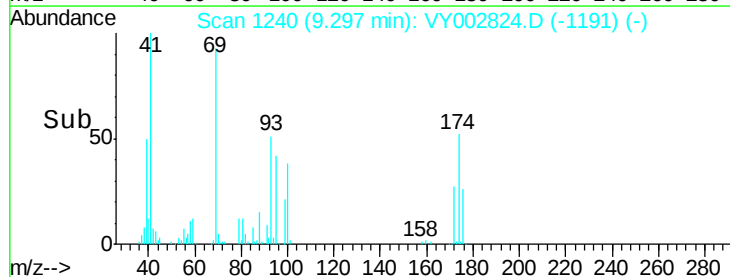
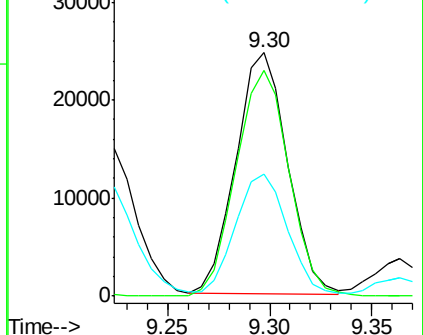
41 100

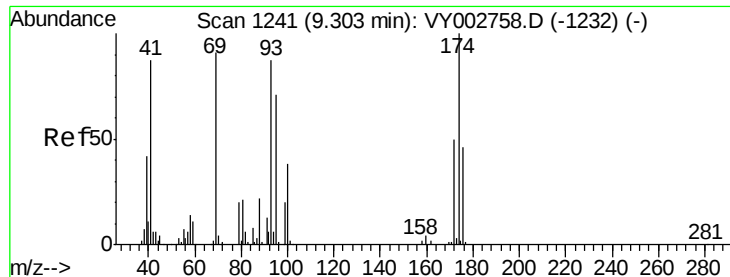
69 96.3 79.7 119.5

39 51.8 43.3 64.9



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

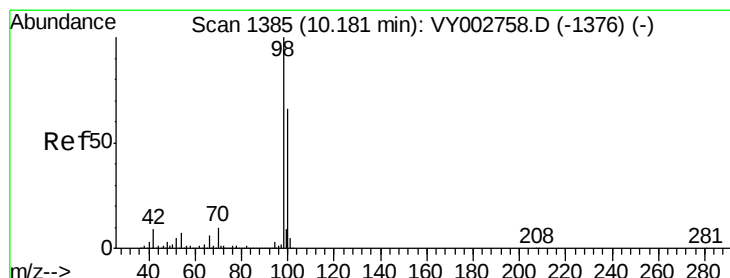
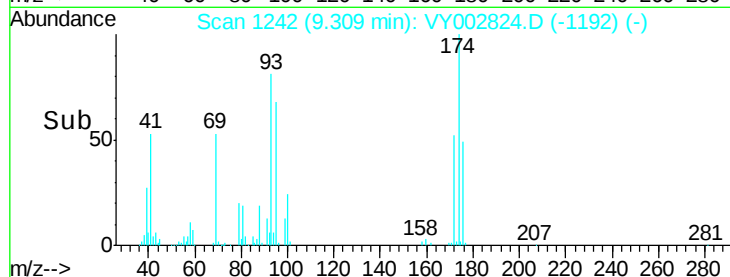
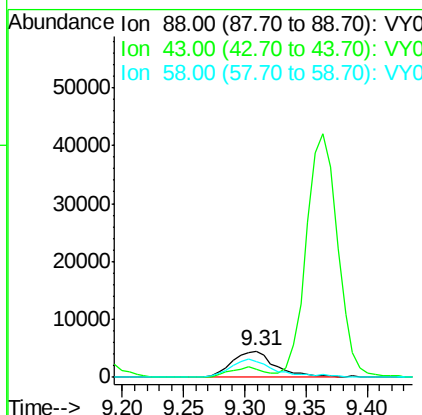
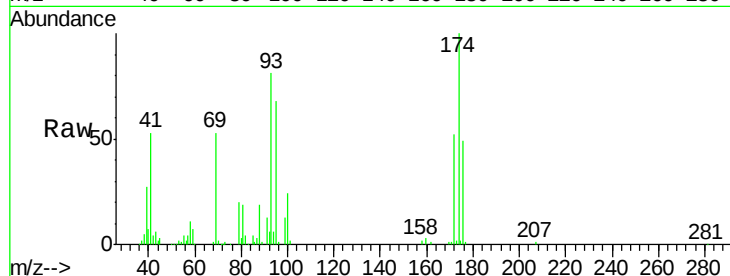




#49
1,4-Dioxane
Concen: 402.579 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

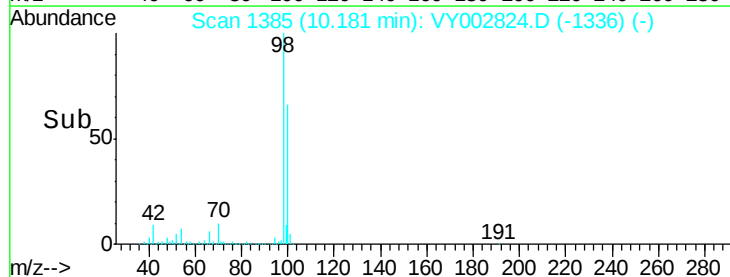
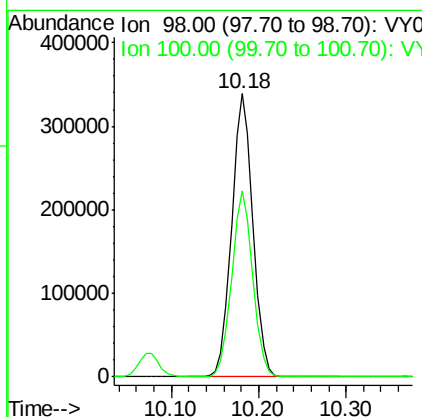
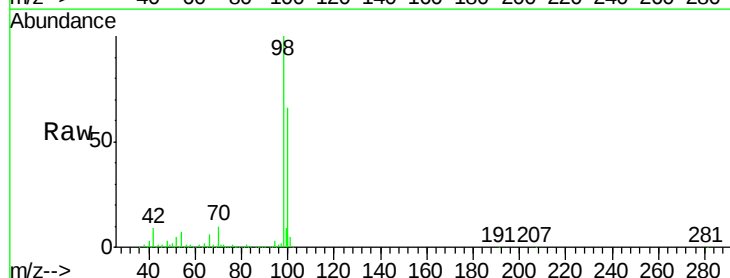
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

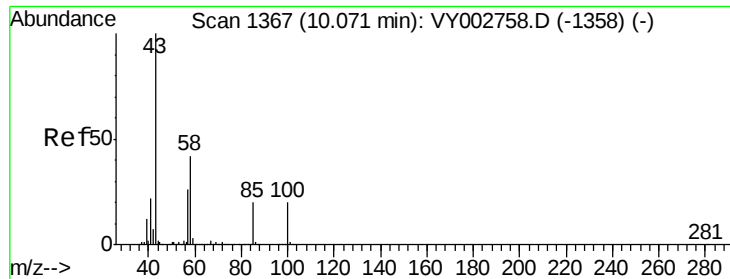
Tot Ion: 88 Resp: 11167
Ion Ratio Lower Upper
88 100
43 29.2 21.3 31.9
58 72.0 52.2 78.2



#50
Toluene-d8
Concen: 47.279 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 98 Resp: 570919
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

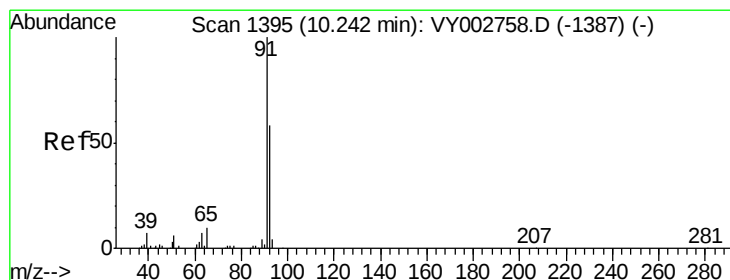
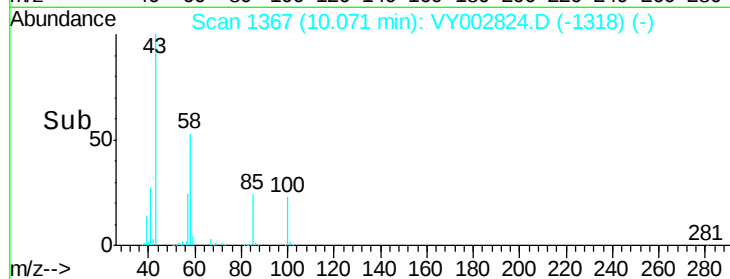
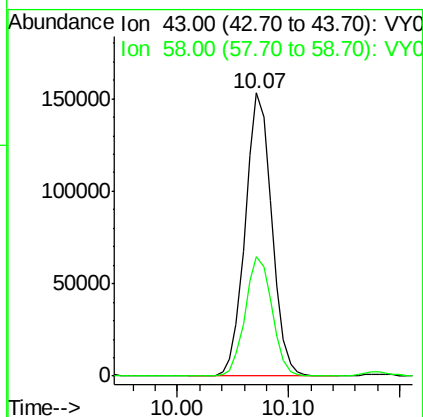
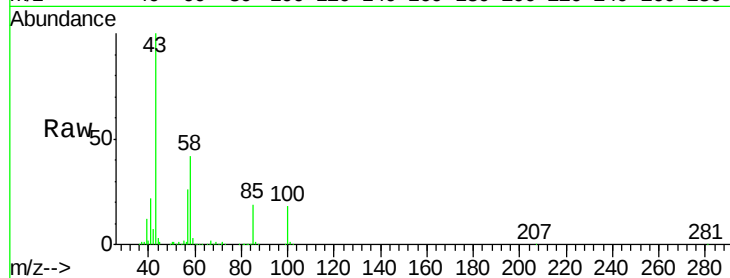




#51
4-Methyl-2-Pentanone
Concen: 108.490 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

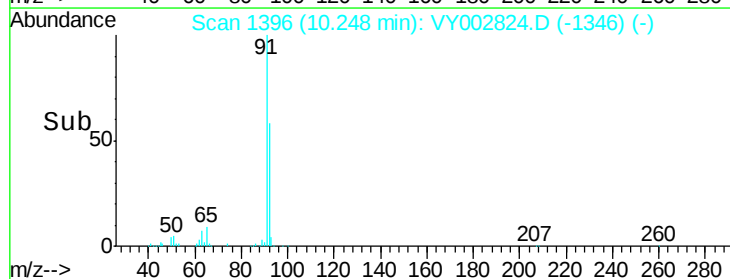
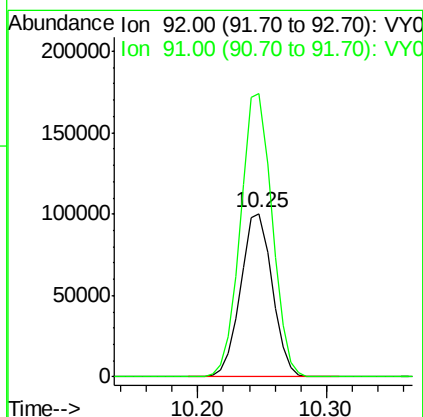
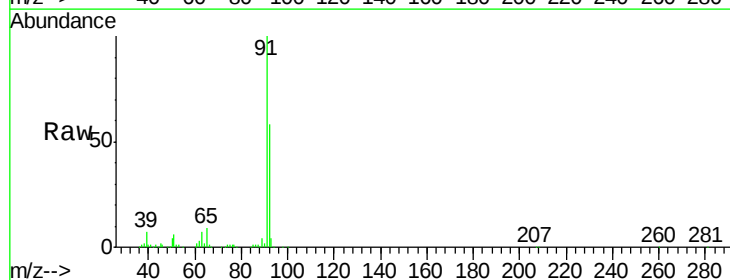
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

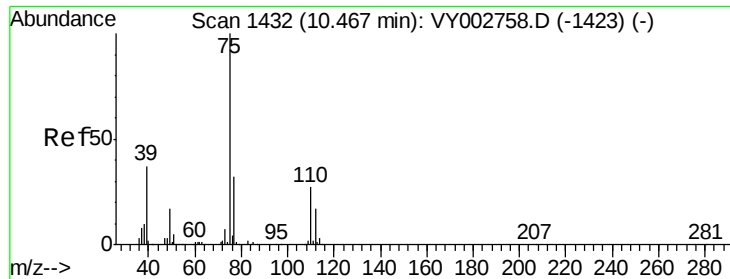
Tot Ion: 43 Resp: 254267
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.2



#52
Toluene
Concen: 20.488 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 92 Resp: 170005
Ion Ratio Lower Upper
92 100
91 173.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.174 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

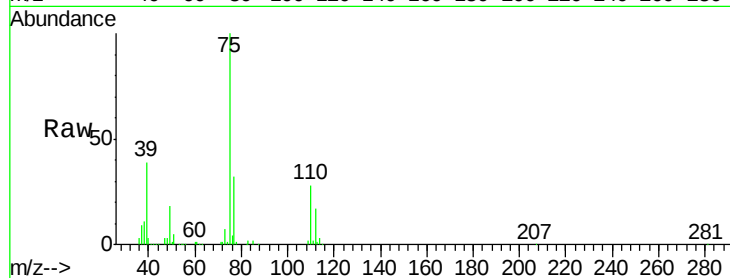
VY0603SBSD01

Tot Ion: 75 Resp: 98495

Ion Ratio Lower Upper

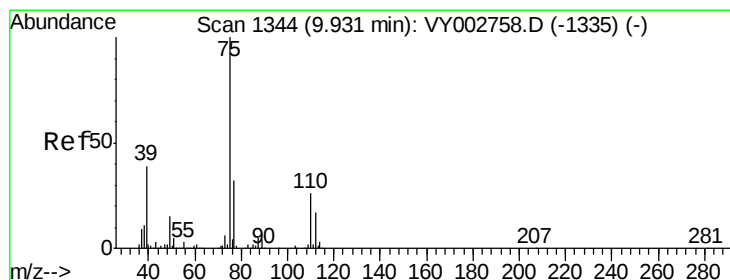
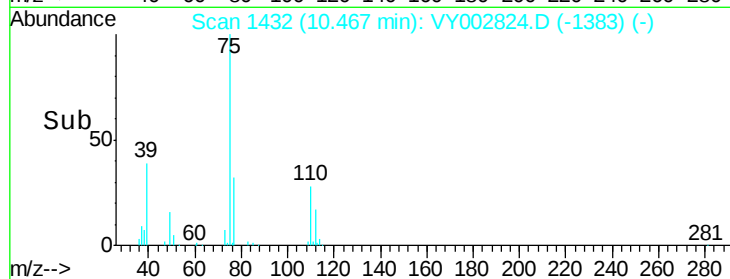
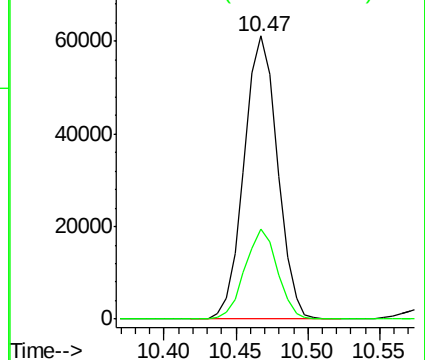
75 100

77 31.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.957 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

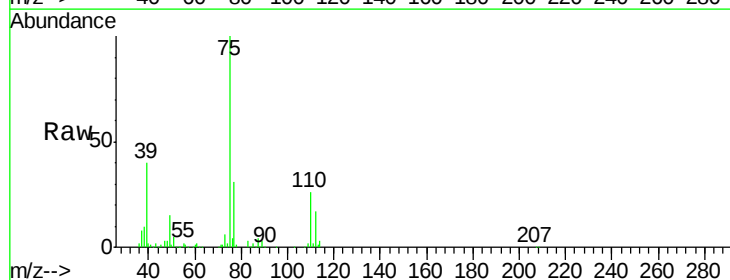
Tgt Ion: 75 Resp: 110460

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

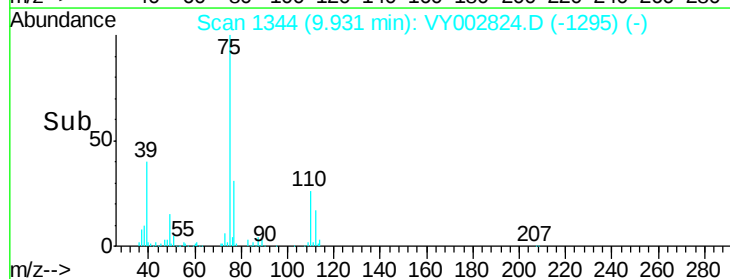
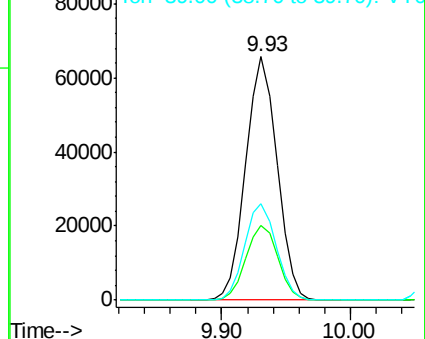
39 39.6 31.3 46.9

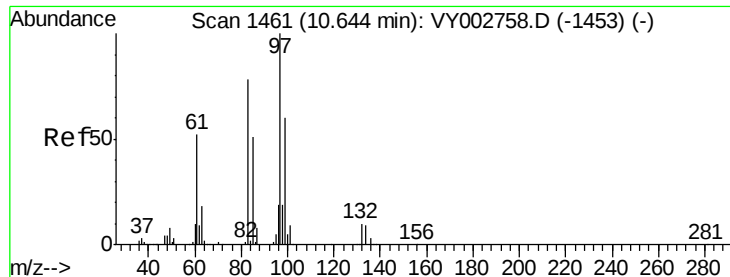


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

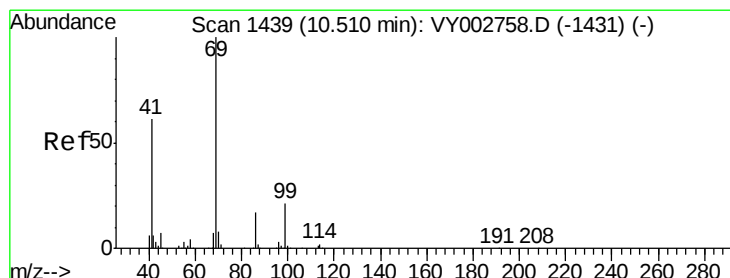
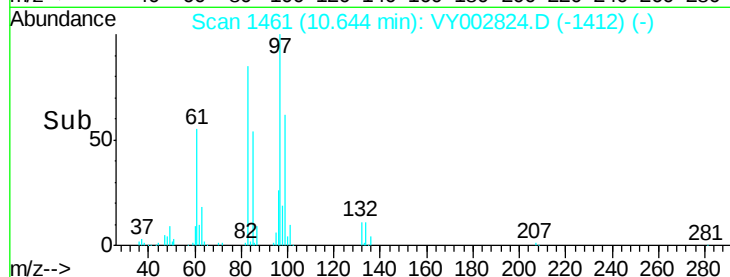
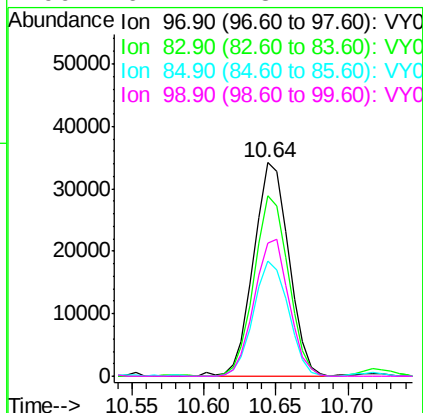
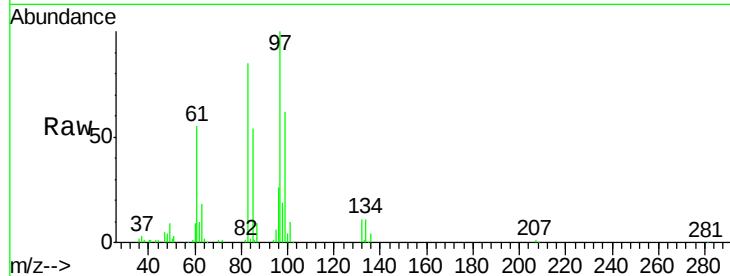




#55
 1,1,2-Trichloroethane
 Concen: 21.018 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

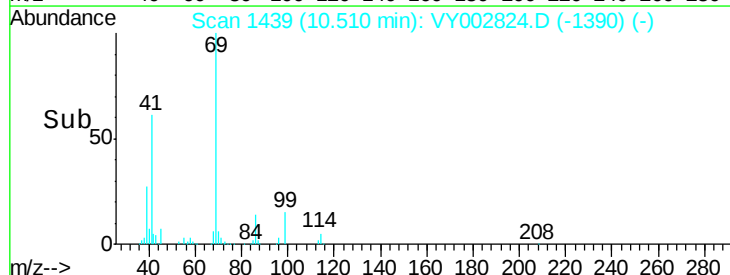
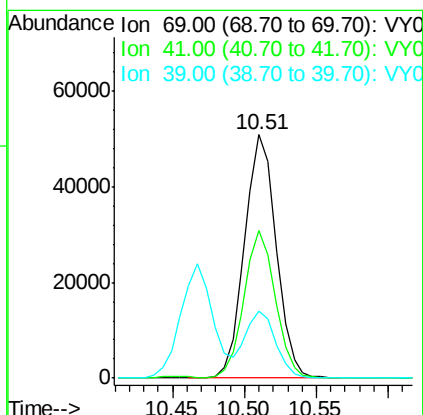
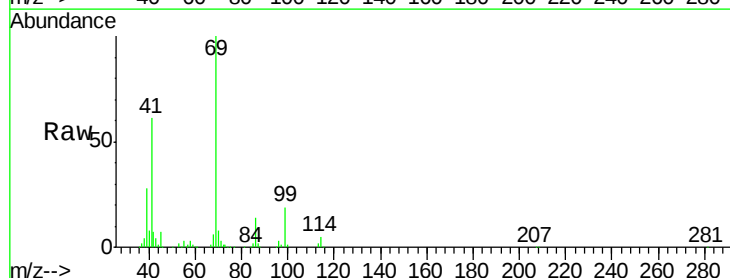
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Tot Ion:	97	Resp:	58131
Ion	Ratio	Lower	Upper
97	100		
83	84.4	62.7	94.1
85	53.9	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 20.883 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion:	69	Resp:	77359
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.0	70.4
39	26.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 20.986 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

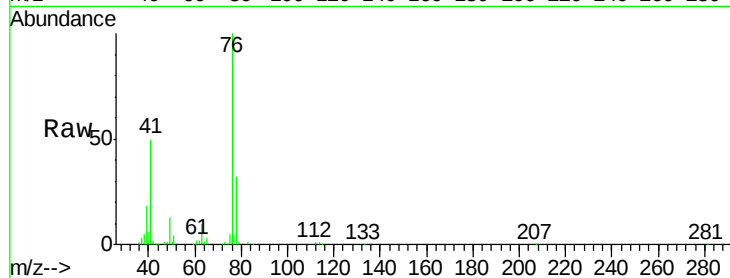
VY0603SBSD01

Tot Ion: 76 Resp: 95467

Ion Ratio Lower Upper

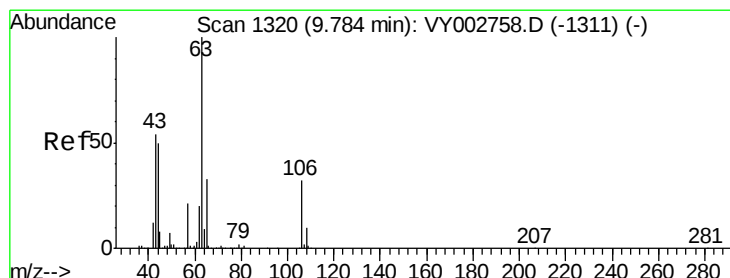
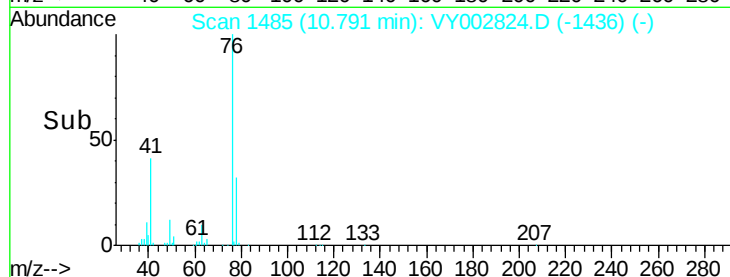
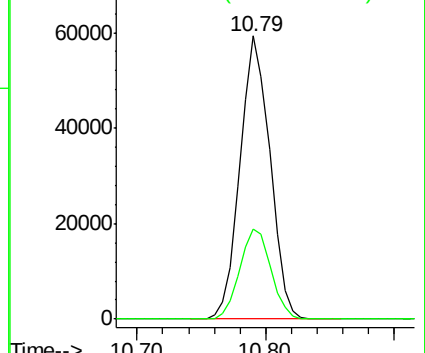
76 100

78 32.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 104.726 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002824.D

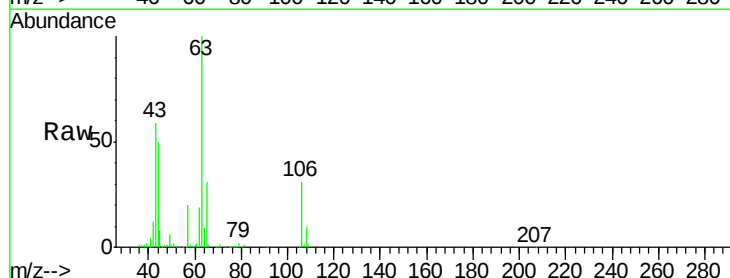
Acq: 03 Jun 2020 11:41

Tgt Ion: 63 Resp: 189564

Ion Ratio Lower Upper

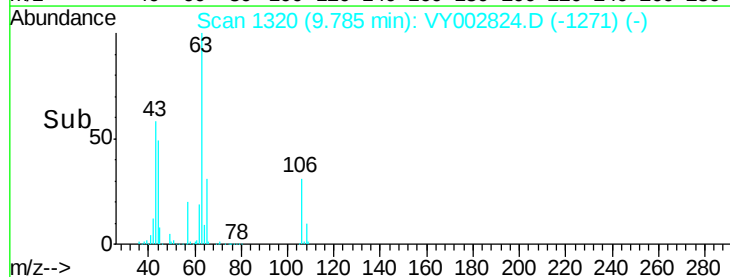
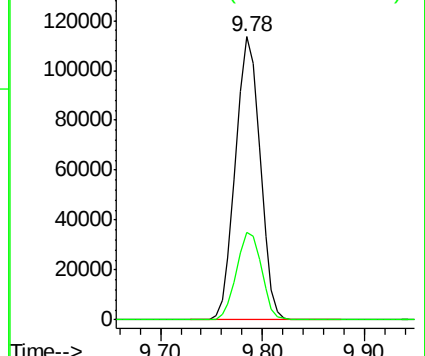
63 100

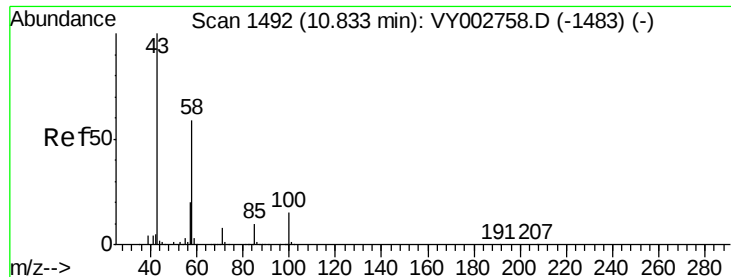
106 31.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

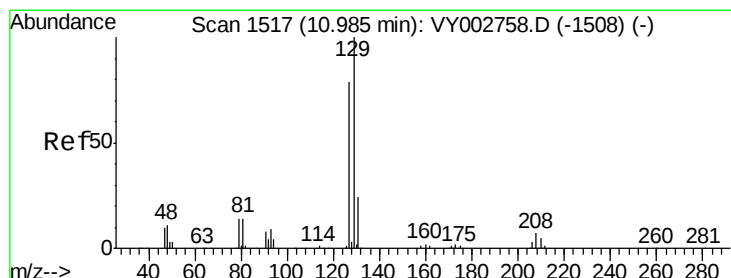
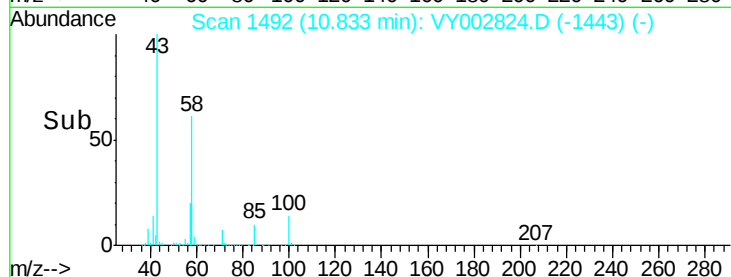
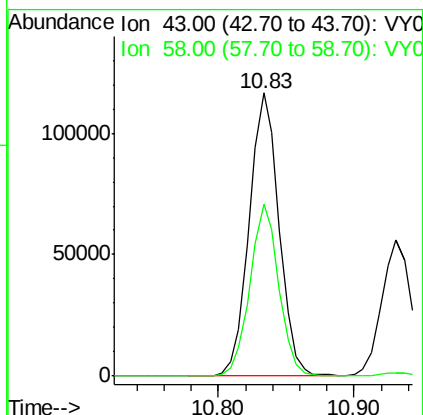
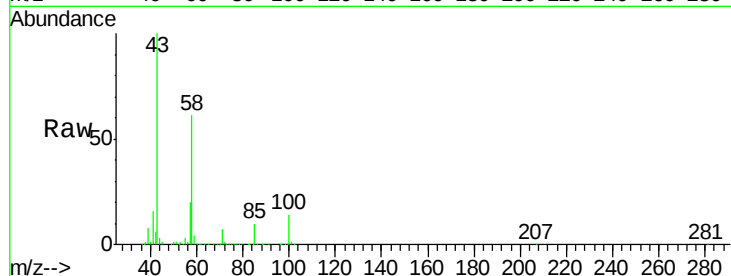




#59
2-Hexanone
Concen: 107.783 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

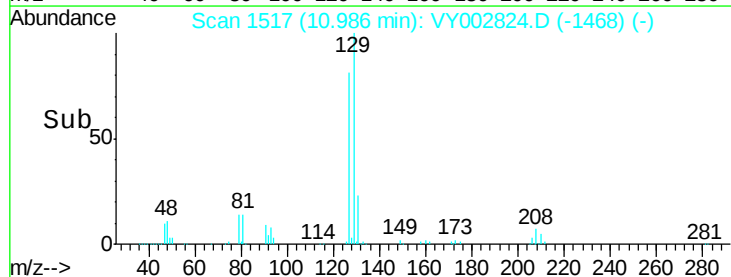
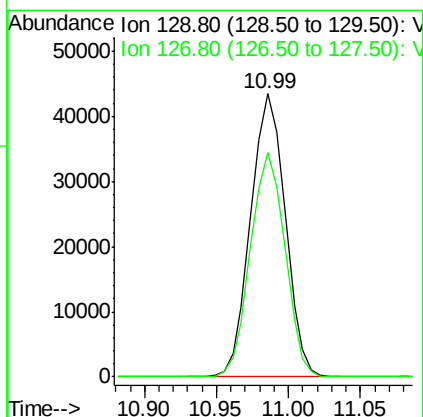
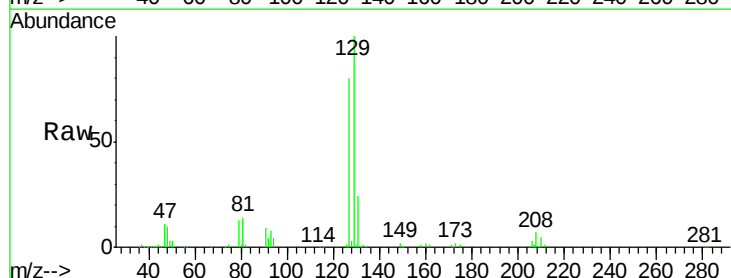
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

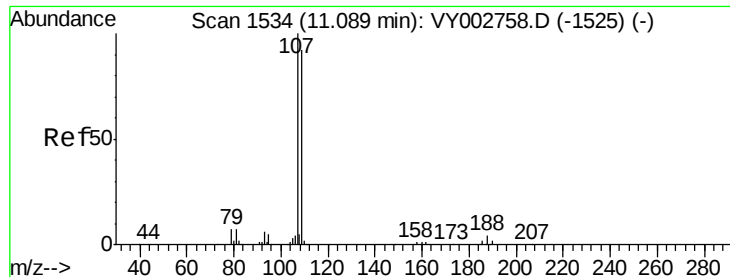
Tot Ion: 43 Resp: 179234
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.5



#60
Dibromochloromethane
Concen: 20.634 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion: 129 Resp: 72353
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.891 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

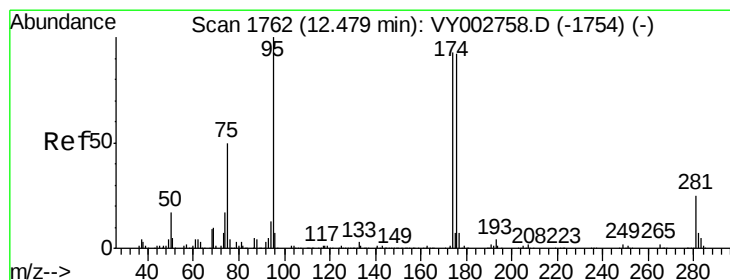
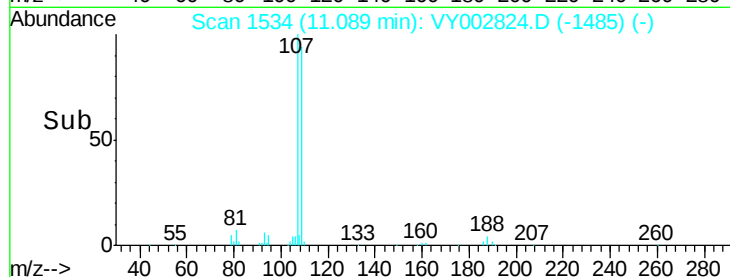
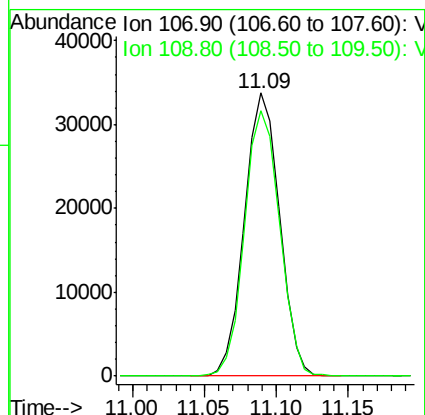
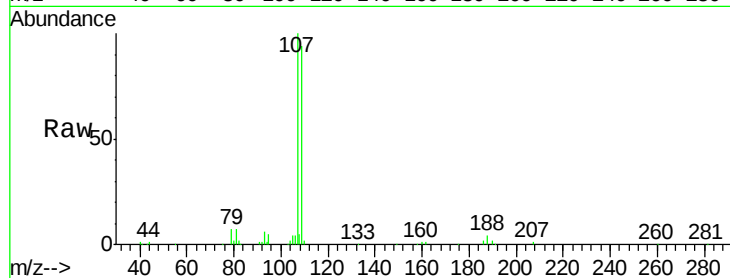
VY0603SBS01

Tot Ion:107 Resp: 56996

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

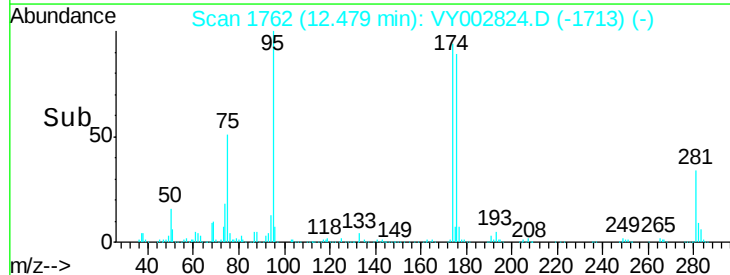
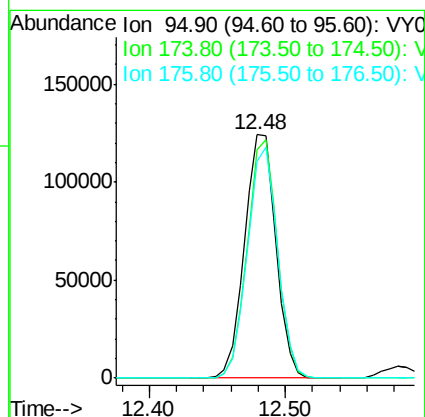
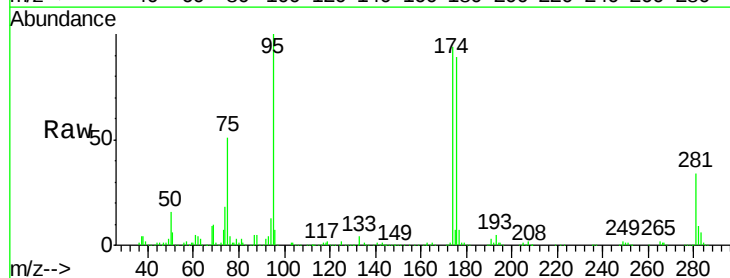
Tgt Ion: 95 Resp: 200349

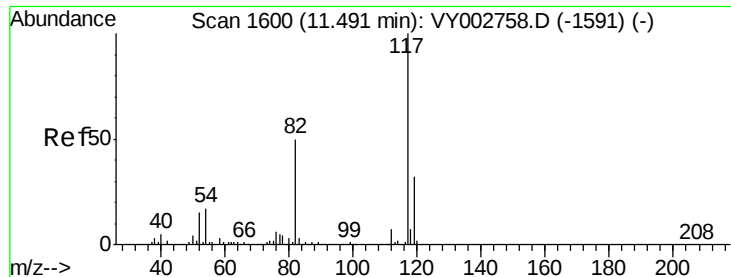
Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.2

176 92.0 0.0 188.8

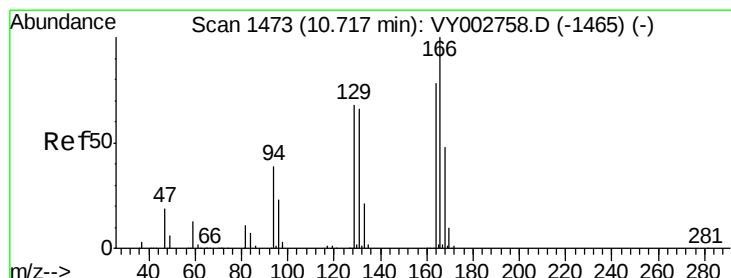
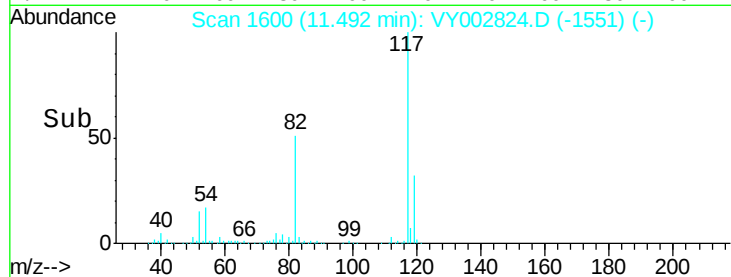
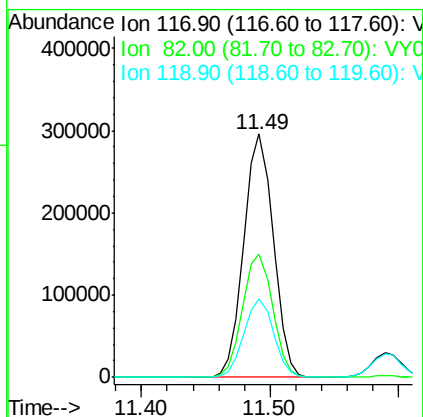
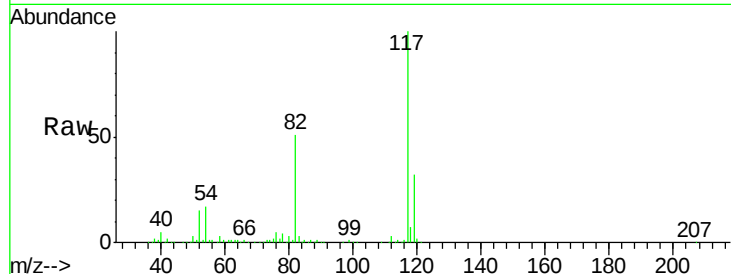




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

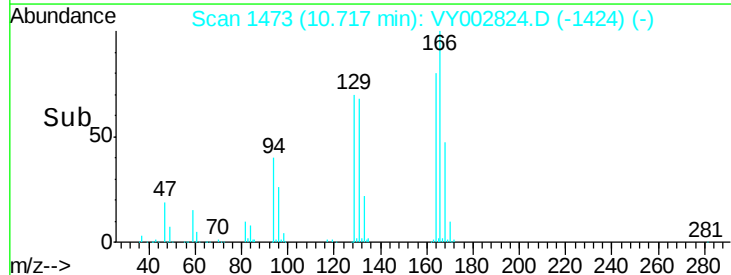
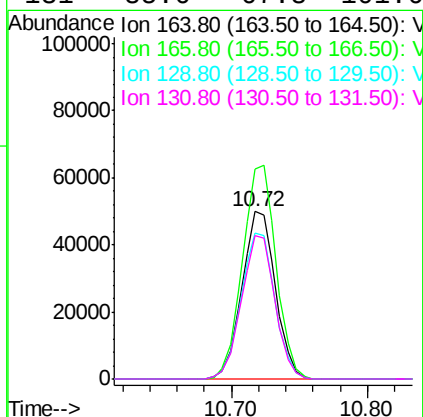
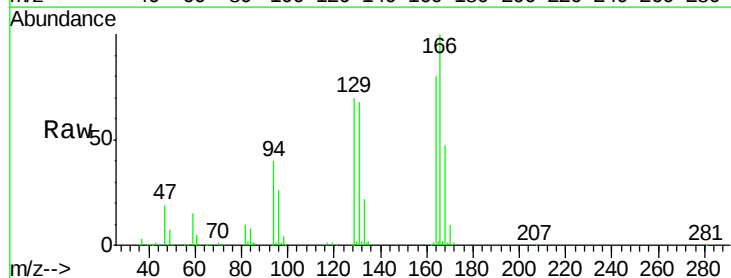
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

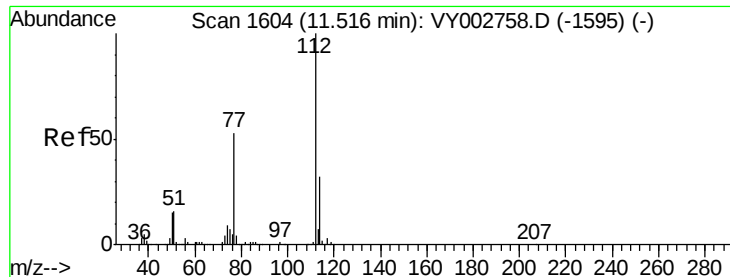
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.2	60.4
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 20.059 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.3	153.5
129	87.4	69.4	104.2
131	85.6	67.8	101.6





#65

Chlorobenzene

Concen: 20.825 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

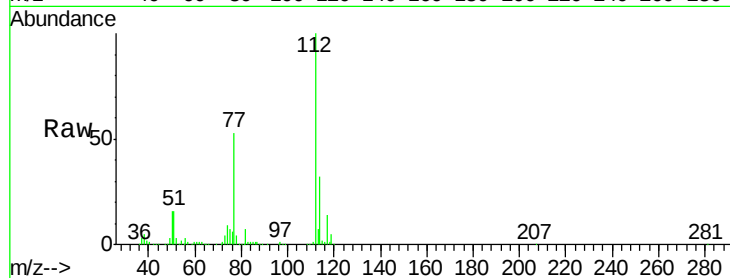
VY0603SBS01

Tot Ion:112 Resp: 193548

Ion Ratio Lower Upper

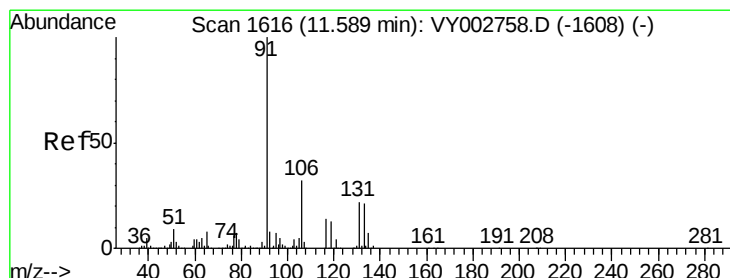
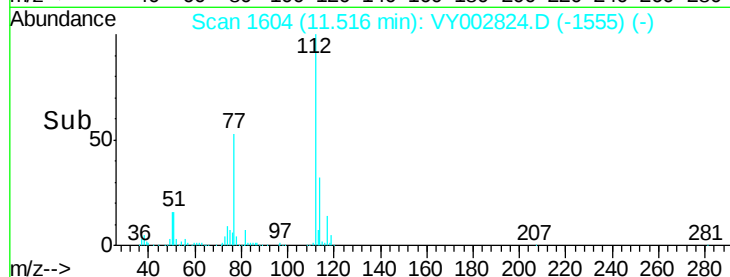
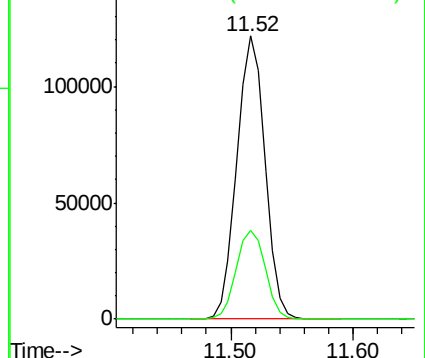
112 100

114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.798 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

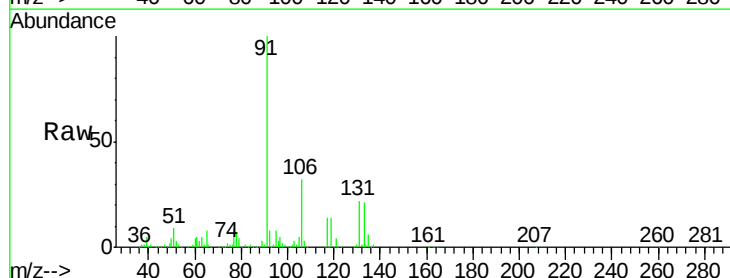
Tgt Ion:131 Resp: 72800

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.8

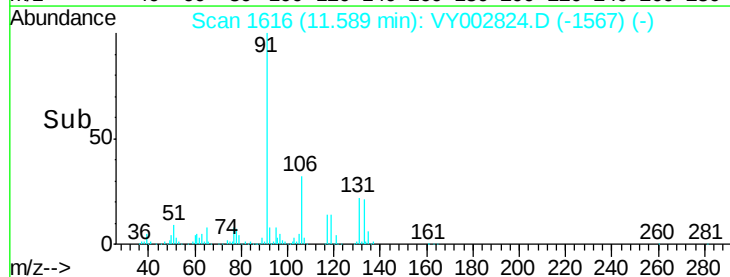
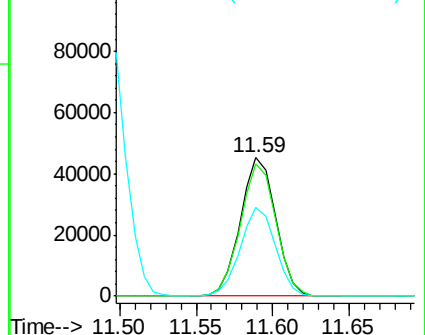
119 63.7 31.7 95.1

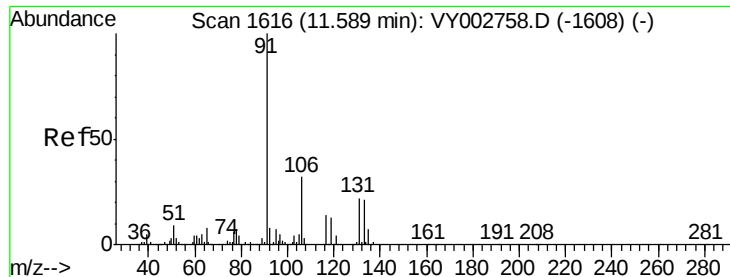


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.593 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

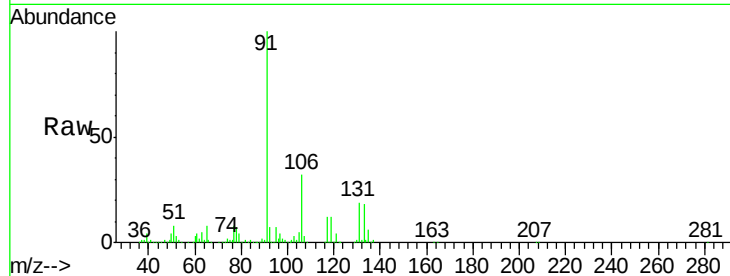
VY0603SBSD01

Tot Ion: 91 Resp: 331803

Ion Ratio Lower Upper

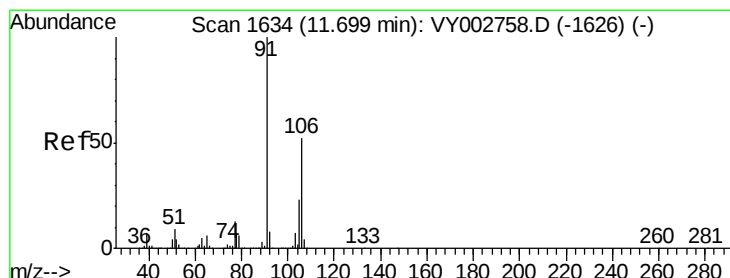
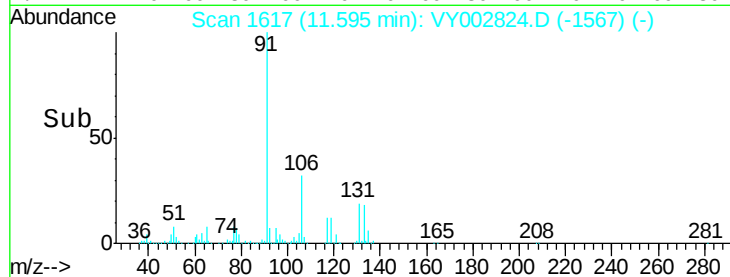
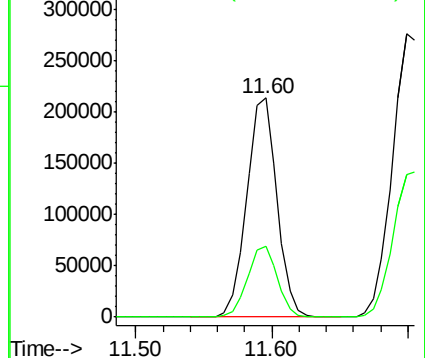
91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.092 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002824.D

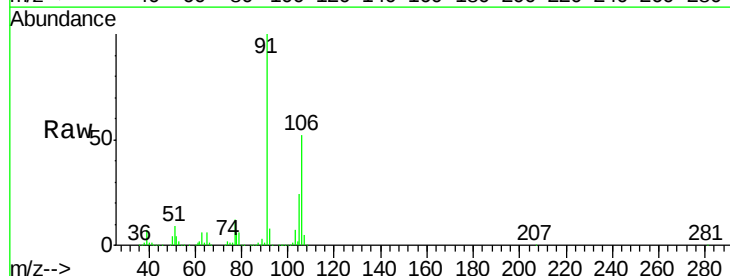
Acq: 03 Jun 2020 11:41

Tgt Ion: 106 Resp: 256705

Ion Ratio Lower Upper

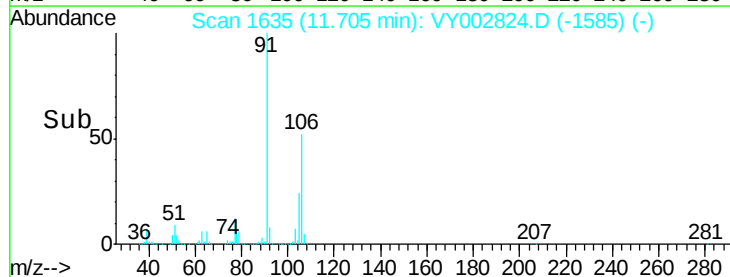
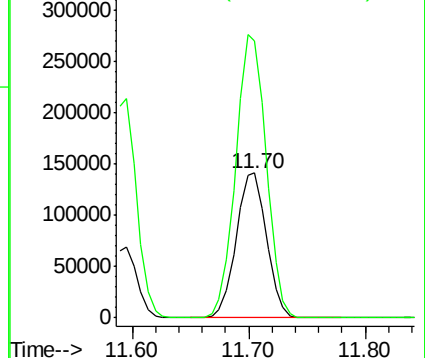
106 100

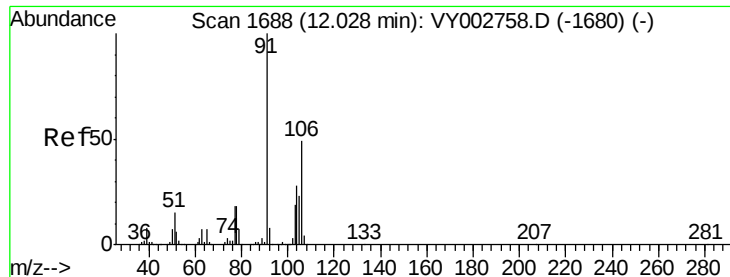
91 196.6 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

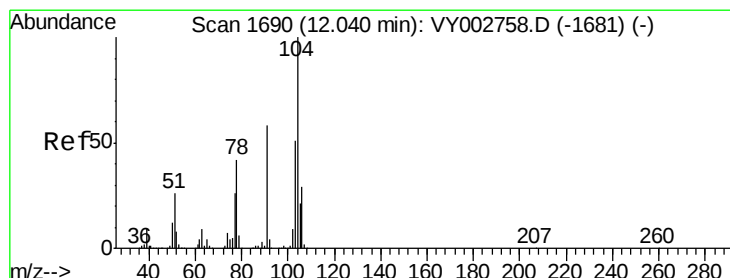
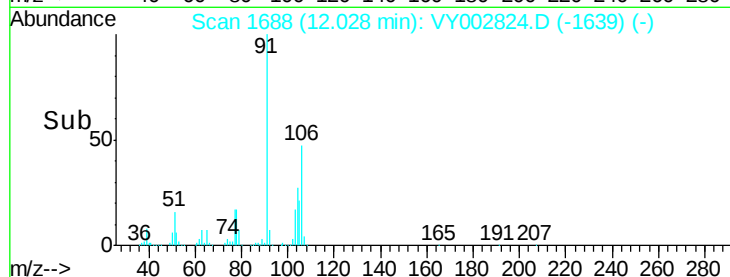
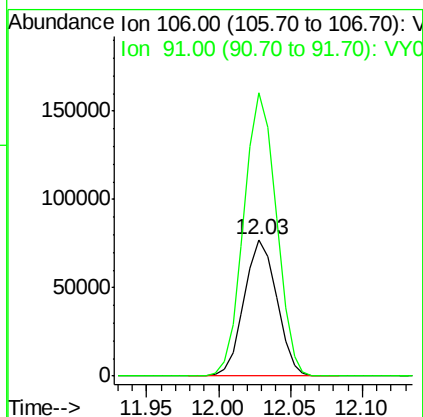
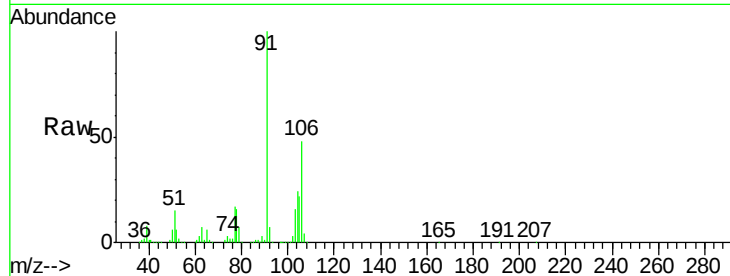




#69
o-Xylene
Concen: 20.586 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

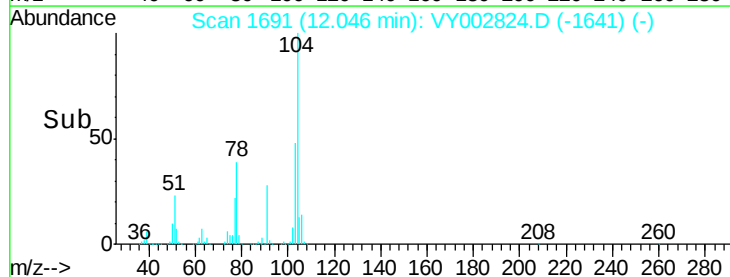
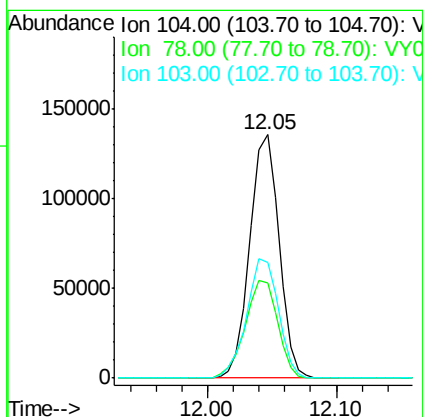
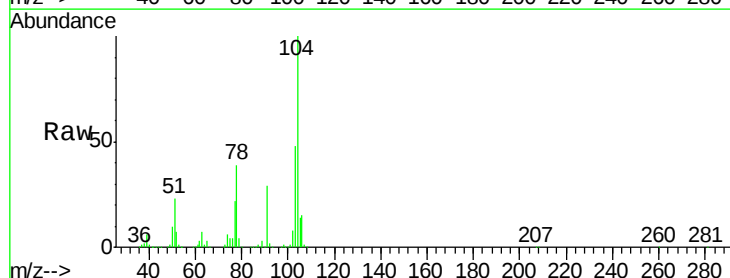
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

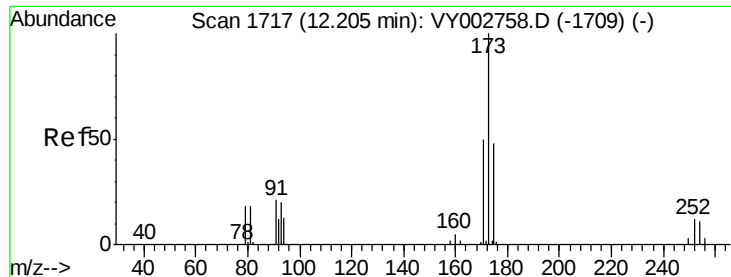
Tot Ion:106 Resp: 121406
Ion Ratio Lower Upper
106 100
91 206.8 102.4 307.1



#70
Styrene
Concen: 20.789 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion:104 Resp: 212529
Ion Ratio Lower Upper
104 100
78 44.8 36.2 54.4
103 53.5 43.6 65.4

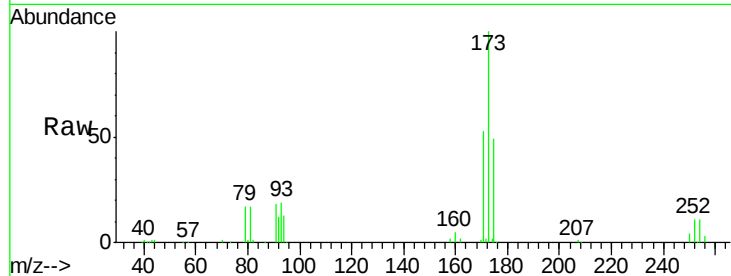




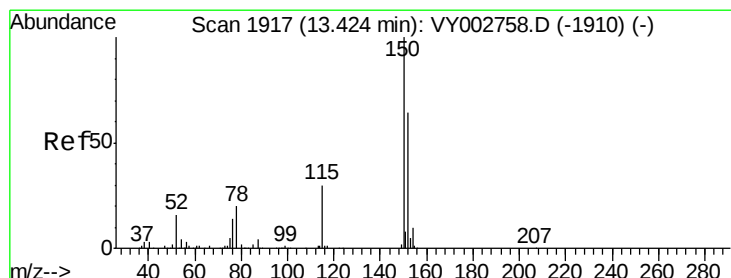
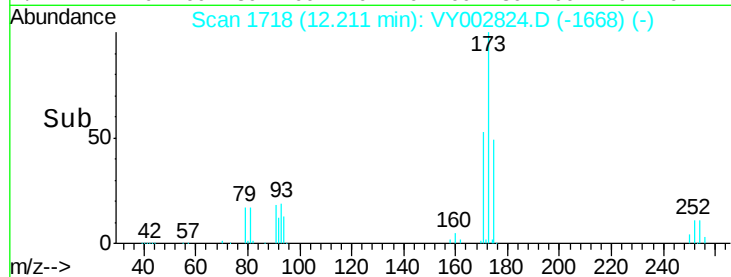
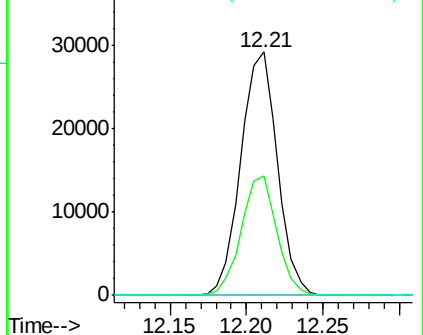
#71
Bromoform
Concen: 20.660 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tot Ion:173 Resp: 48389
Ion Ratio Lower Upper
173 100
175 47.6 24.3 72.8
254 0.0 0.1 0.1#

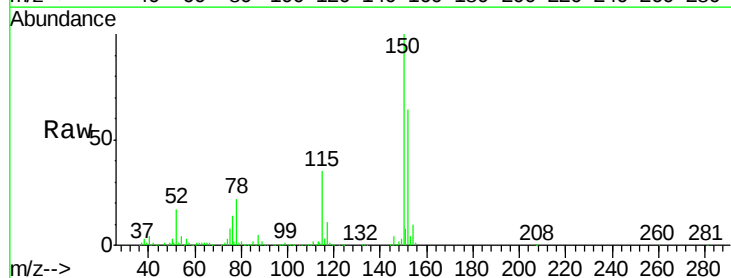


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

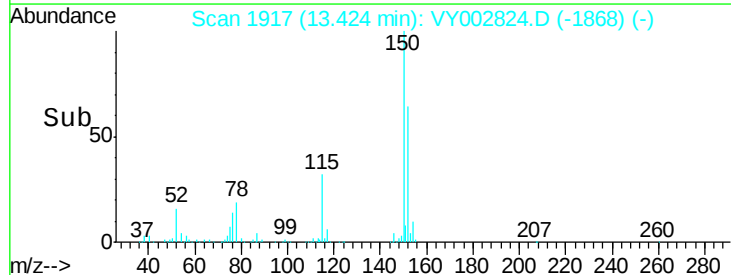
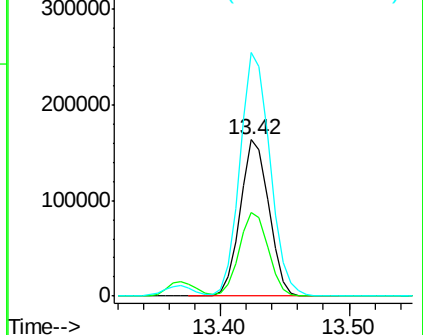


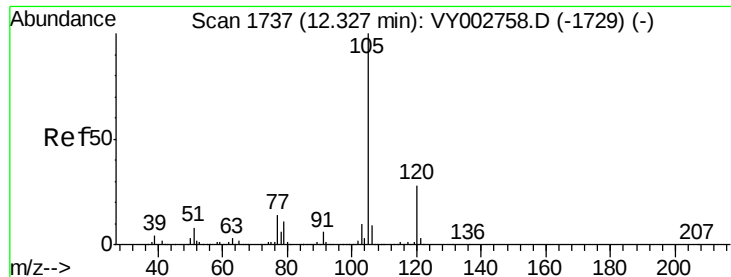
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion:152 Resp: 250946
Ion Ratio Lower Upper
152 100
115 53.9 27.0 81.0
150 163.6 0.0 344.8



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





#73

Isopropylbenzene

Concen: 20.619 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

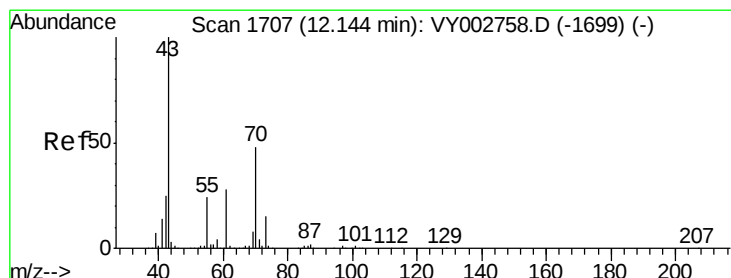
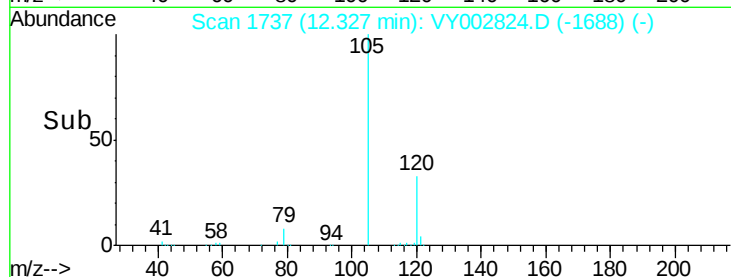
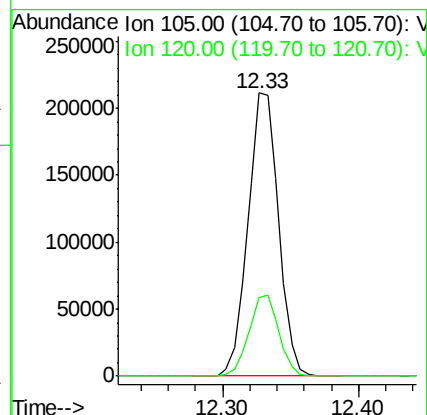
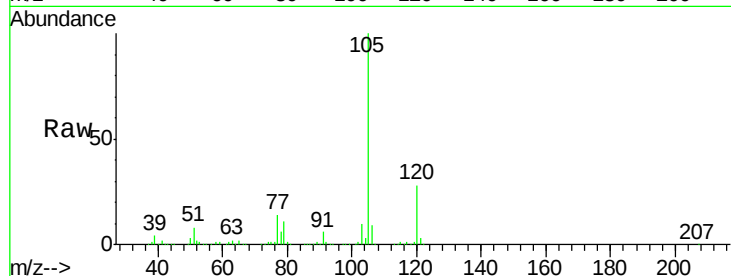
VY0603SBSD01

Tot Ion:105 Resp: 331583

Ion Ratio Lower Upper

105 100

120 27.9 13.7 41.1



#74

N-ethyl acetate

Concen: 21.171 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Tgt Ion: 43 Resp: 87359

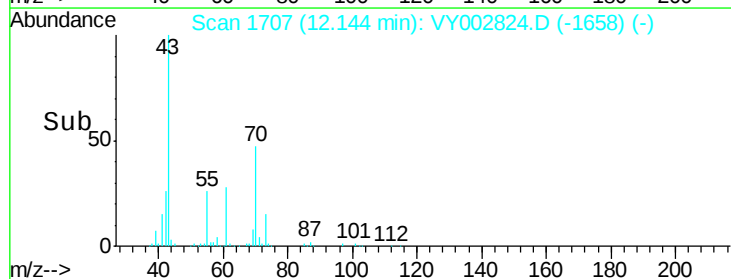
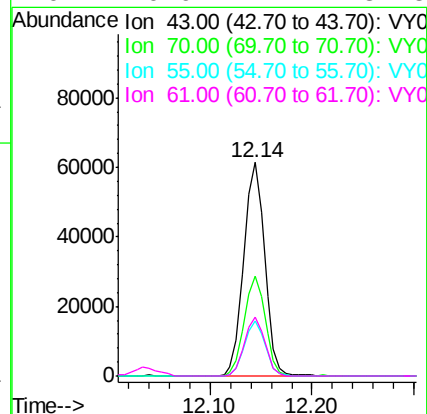
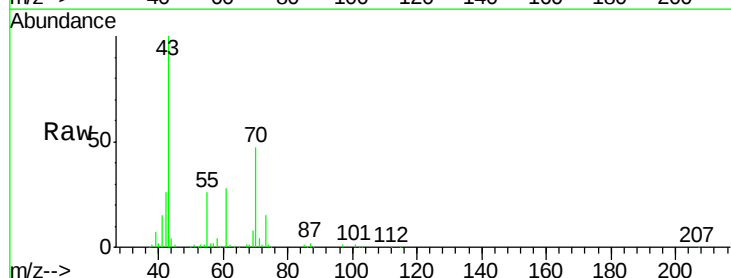
Ion Ratio Lower Upper

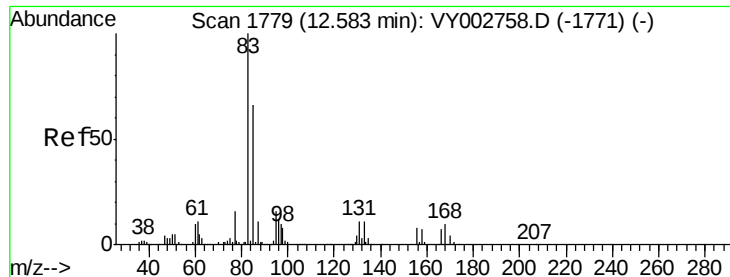
43 100

70 47.1 37.7 56.5

55 25.7 19.8 29.6

61 26.9 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.412 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

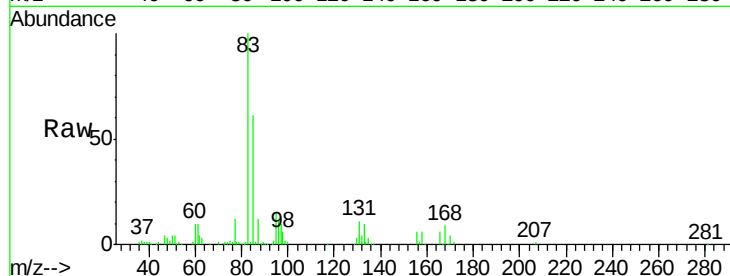
Tot Ion: 83 Resp: 63239

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

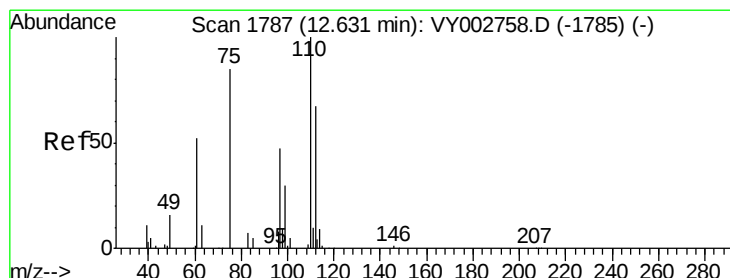
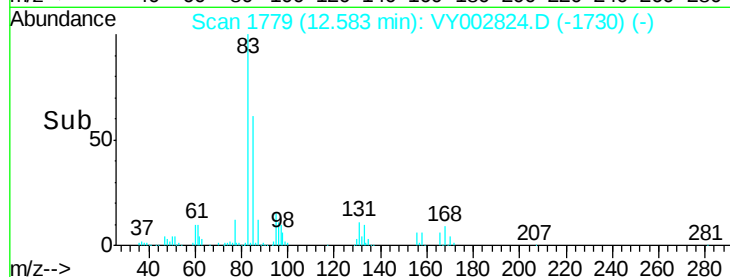
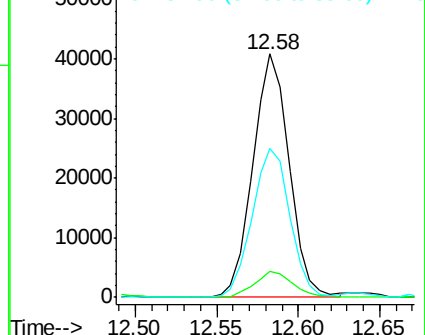
85 63.4 32.6 98.0



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: 22.331 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002824.D

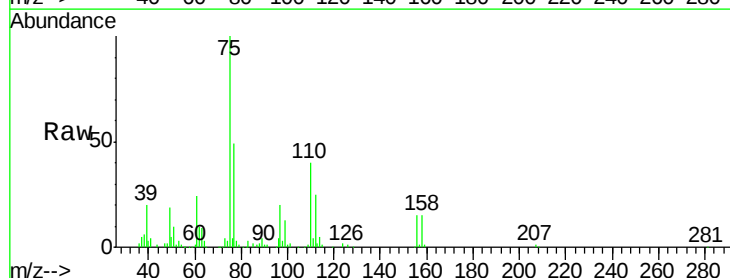
Acq: 03 Jun 2020 11:41

Tgt Ion: 75 Resp: 50494

Ion Ratio Lower Upper

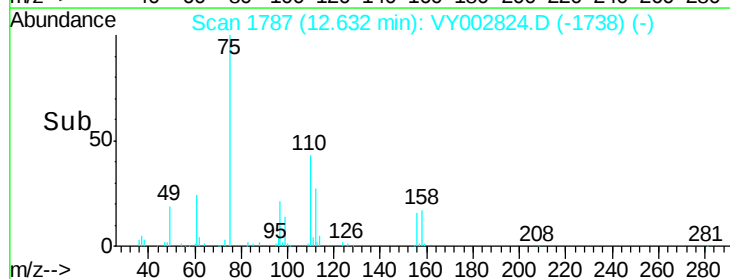
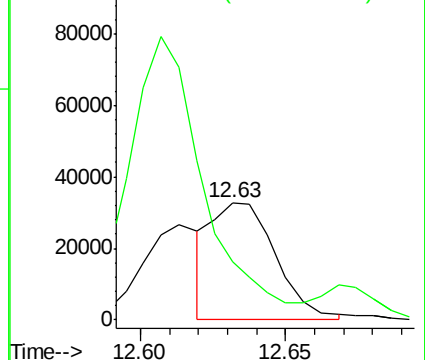
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.471 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

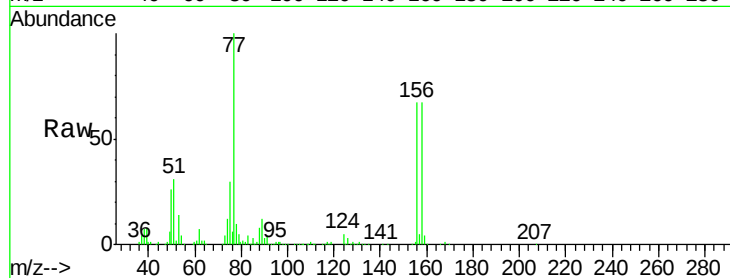
Tot Ion:156 Resp: 85722

Ion Ratio Lower Upper

156 100

77 167.0 81.4 244.2

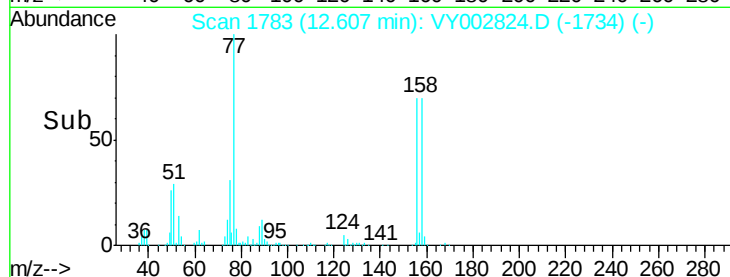
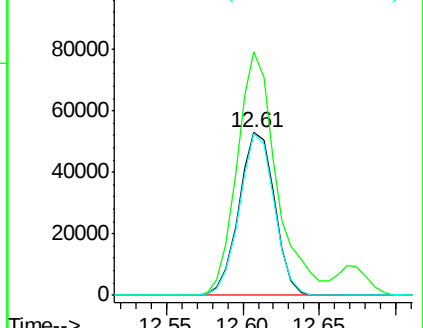
158 97.2 48.5 145.6



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: 20.882 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002824.D

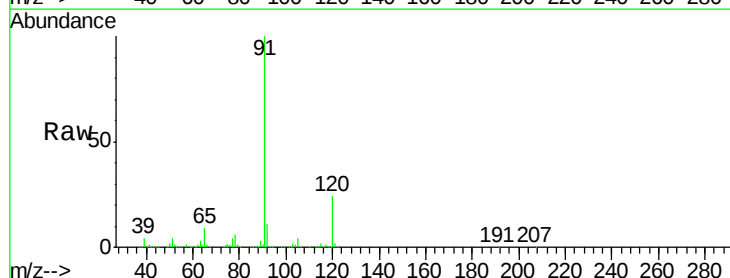
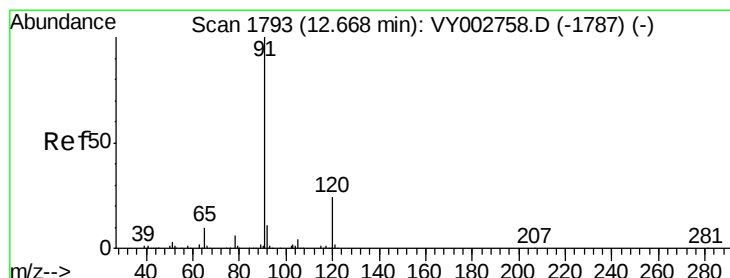
Acq: 03 Jun 2020 11:41

Tgt Ion: 91 Resp: 387915

Ion Ratio Lower Upper

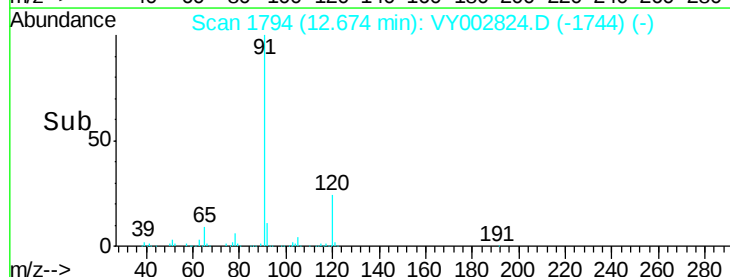
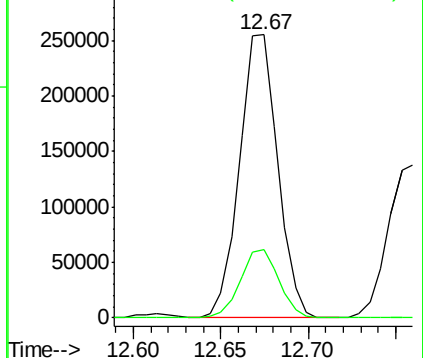
91 100

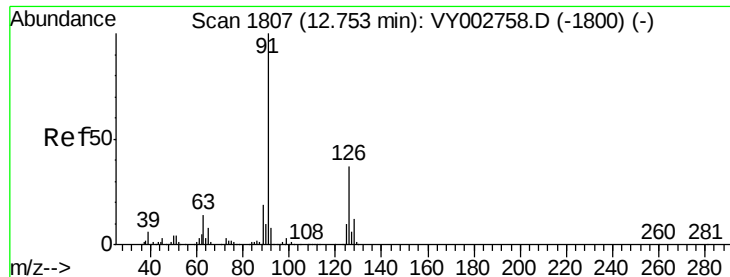
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.705 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

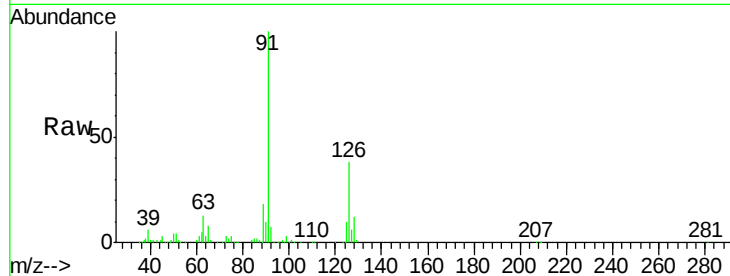
VY0603SBSD01

Tot Ion: 91 Resp: 215755

Ion Ratio Lower Upper

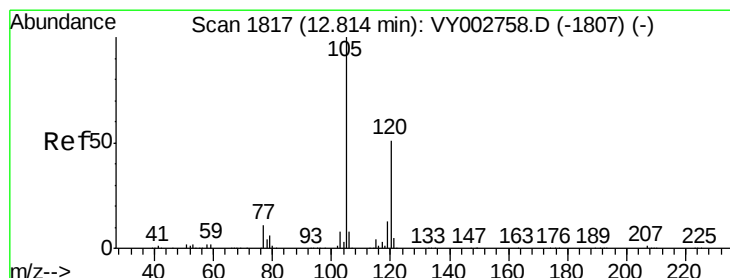
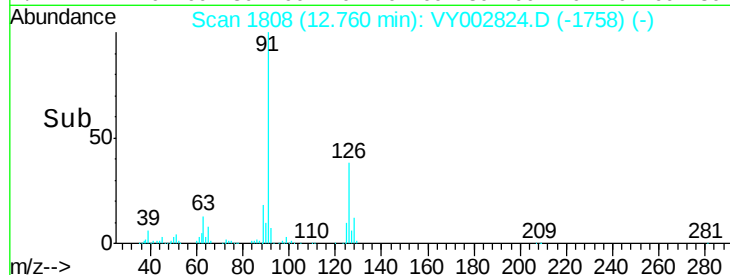
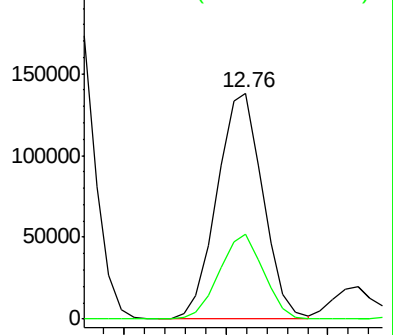
91 100

126 36.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.581 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002824.D

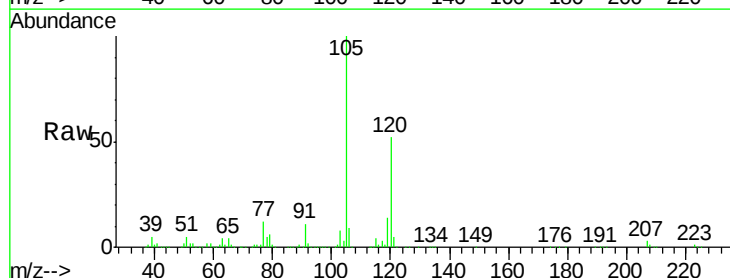
Acq: 03 Jun 2020 11:41

Tgt Ion: 105 Resp: 276351

Ion Ratio Lower Upper

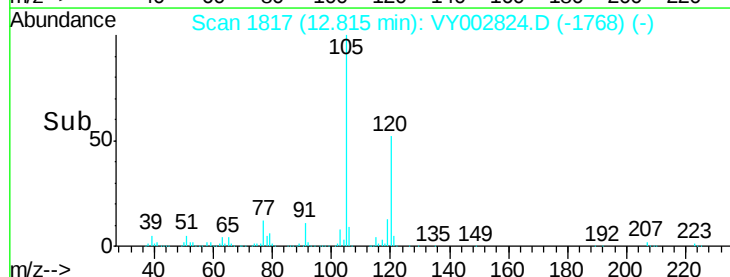
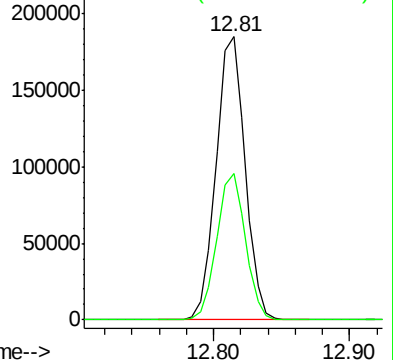
105 100

120 51.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.602 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

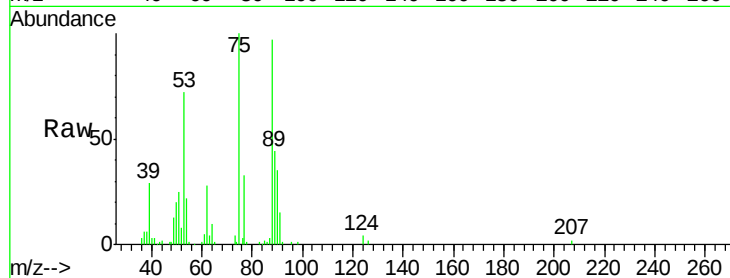
Tot Ion: 75 Resp: 25927

Ion Ratio Lower Upper

75 100

53 75.6 64.0 96.0

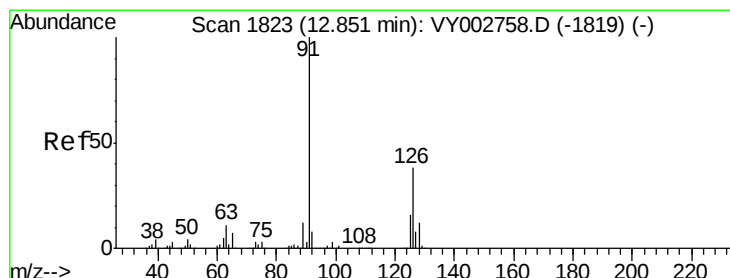
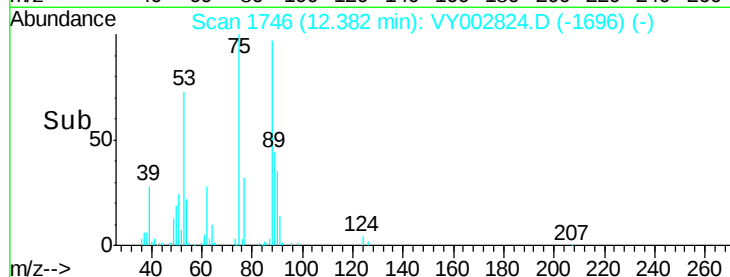
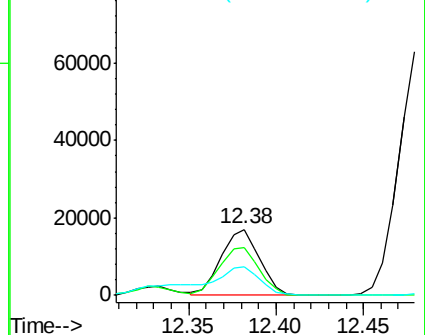
89 72.5 37.4 56.2#



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: 21.053 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002824.D

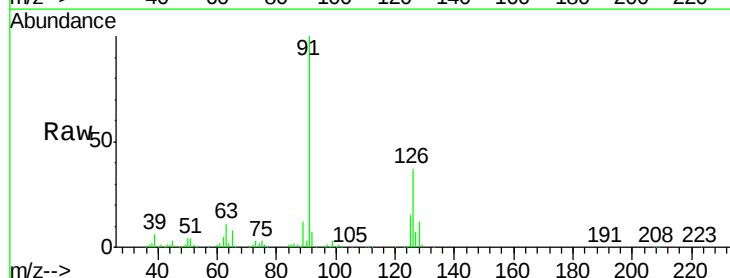
Acq: 03 Jun 2020 11:41

Tgt Ion: 91 Resp: 229849

Ion Ratio Lower Upper

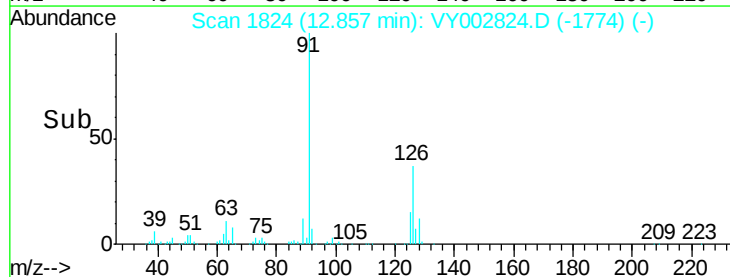
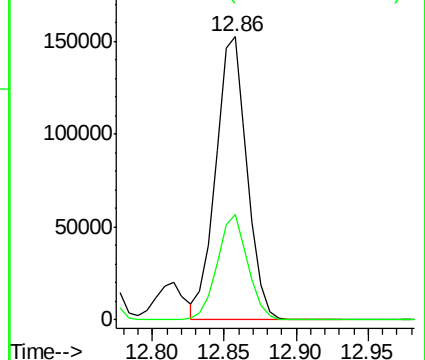
91 100

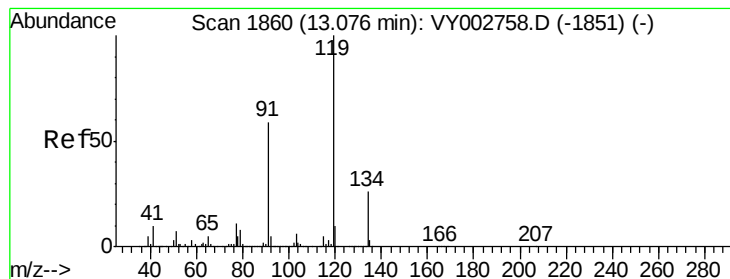
126 36.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.669 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

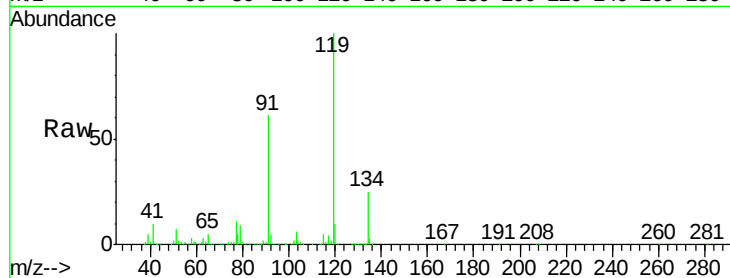
Tot Ion:119 Resp: 247567

Ion Ratio Lower Upper

119 100

91 60.1 29.8 89.4

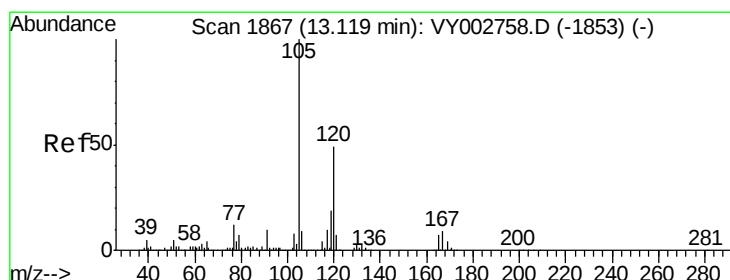
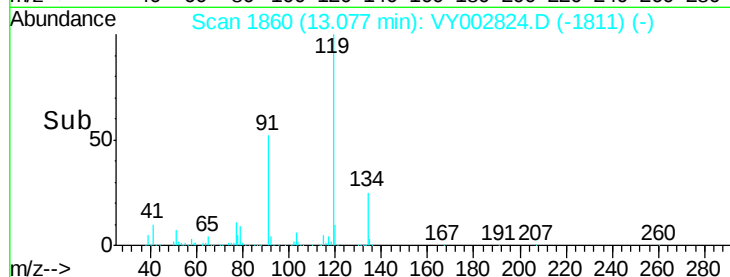
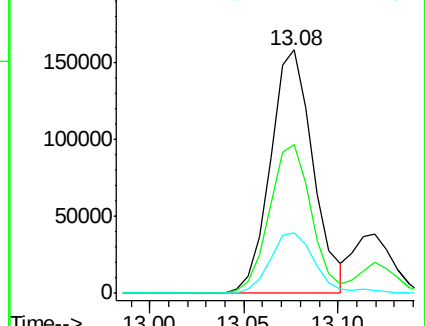
134 26.7 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.734 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002824.D

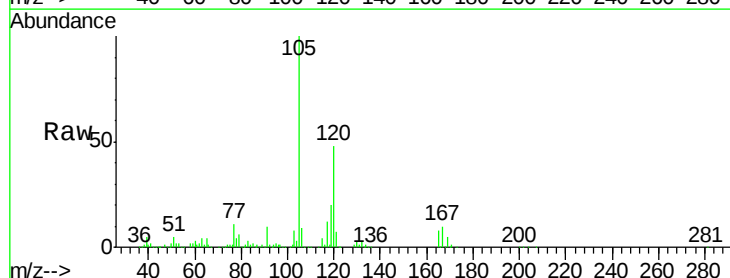
Acq: 03 Jun 2020 11:41

Tgt Ion:105 Resp: 279937

Ion Ratio Lower Upper

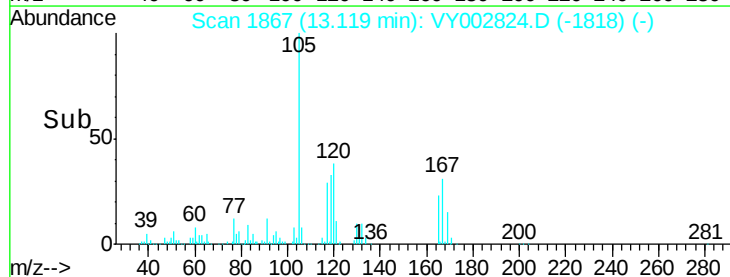
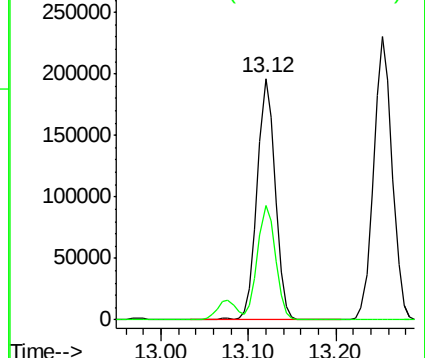
105 100

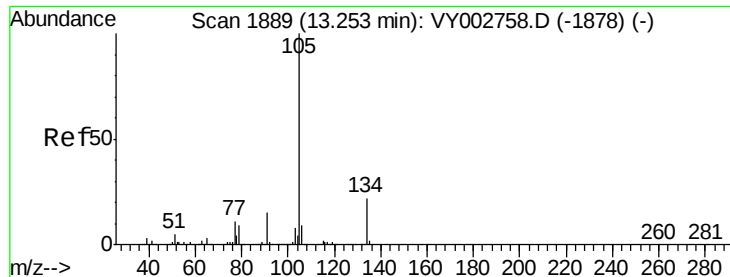
120 47.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

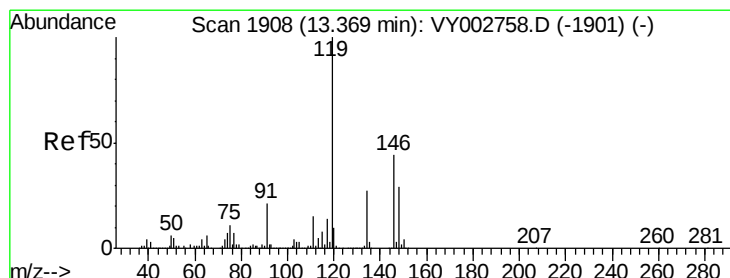
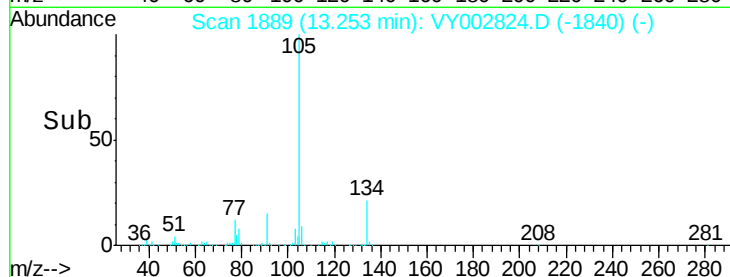
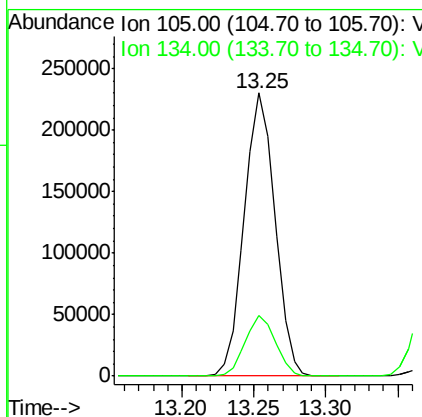
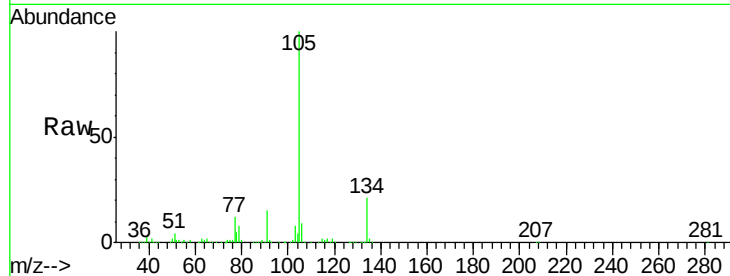




#85
 sec-Butylbenzene
 Concen: 20.782 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

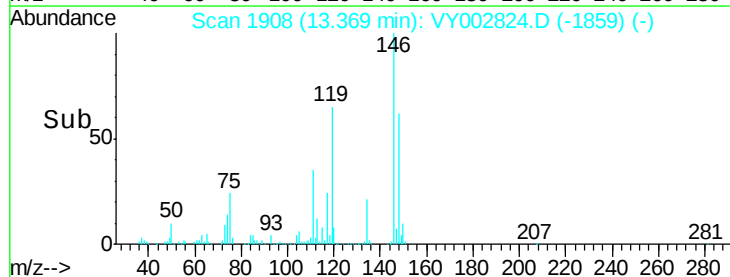
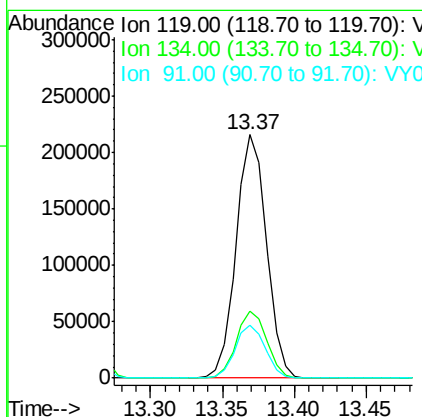
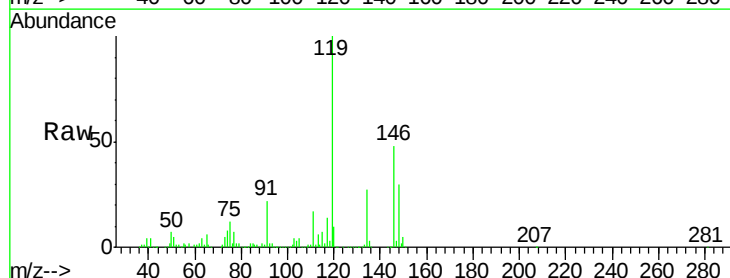
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

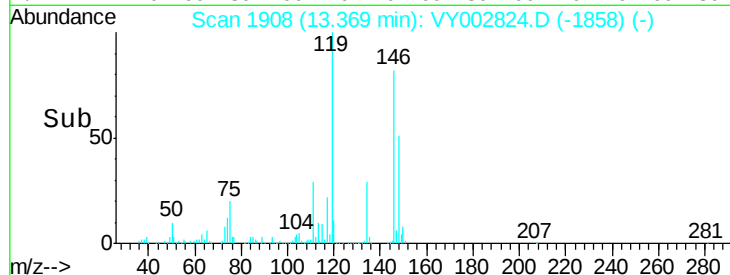
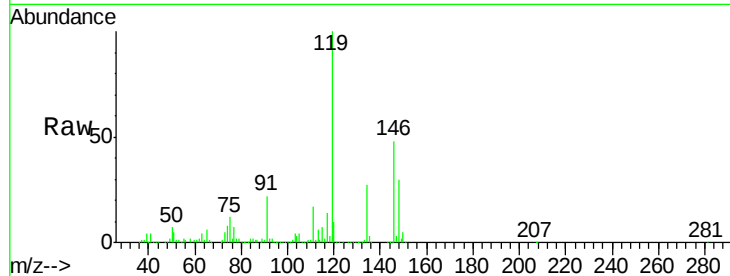
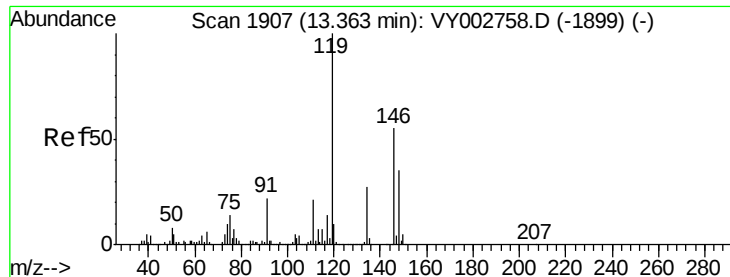
Tot Ion:105 Resp: 340336
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 20.714 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion:119 Resp: 315654
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.7 41.0
 91 21.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 20.623 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002824.D

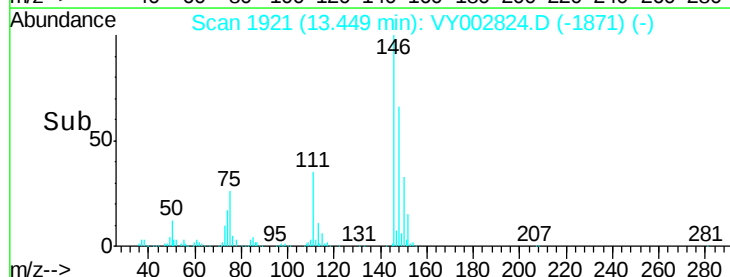
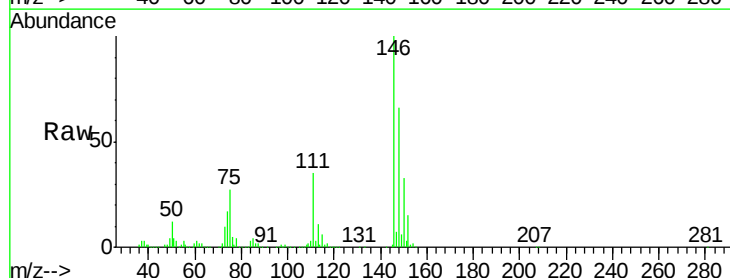
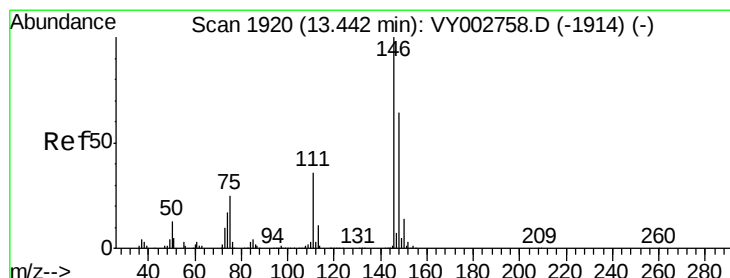
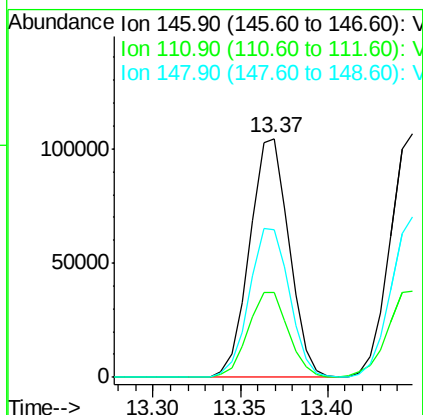
Acq: 03 Jun 2020 11:41

Instrument :
MSVOA_Y

ClientSampleId :
VY0603SBS01

Tot Ion:146 Resp: 163575

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.0
148	63.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.559 ug/l

RT: 13.45 min Scan# 1921

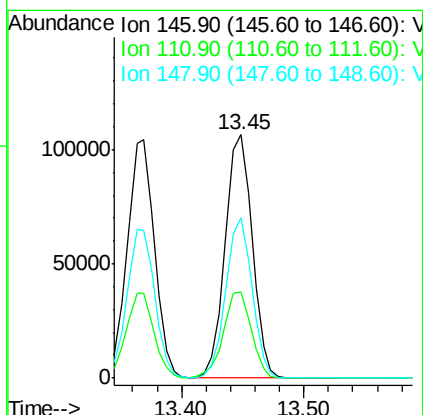
Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Tgt Ion:146 Resp: 163129

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.3
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 20.751 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002824.D

Acq: 03 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

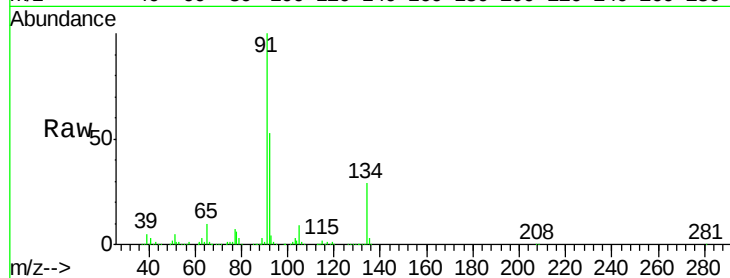
Tot Ion: 91 Resp: 287099

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.2

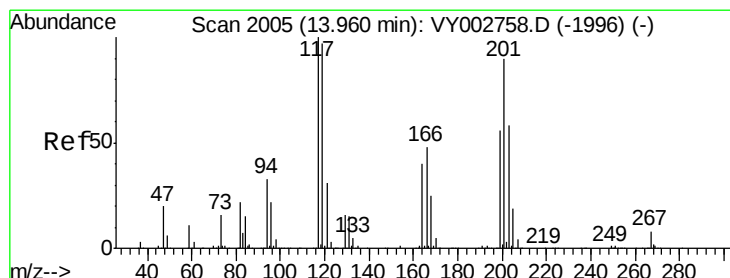
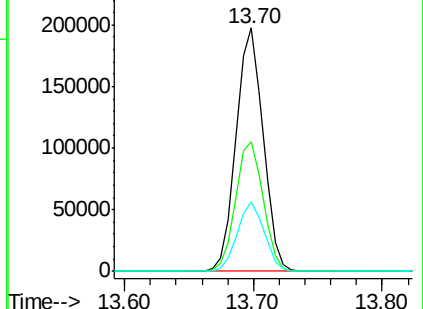
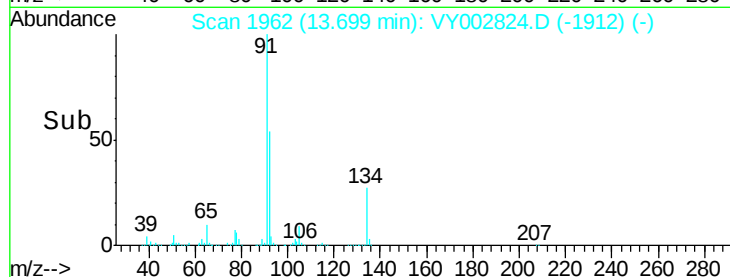
134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): VY0



#90

Hexachloroethane

Concen: 21.175 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002824.D

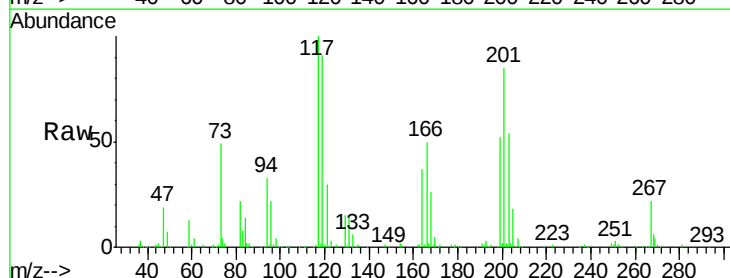
Acq: 03 Jun 2020 11:41

Tgt Ion: 117 Resp: 60409

Ion Ratio Lower Upper

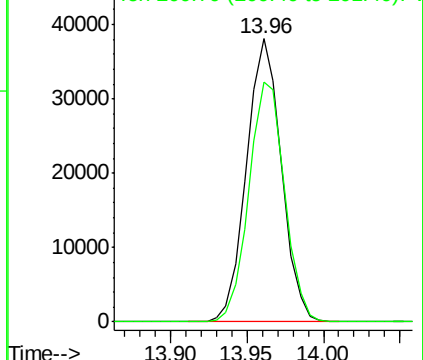
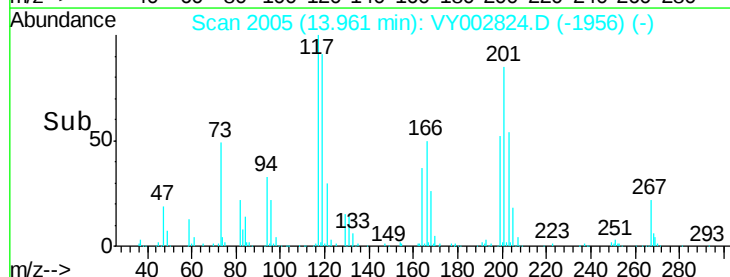
117 100

201 86.5 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

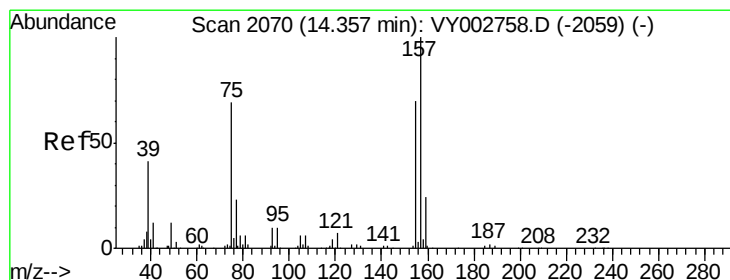
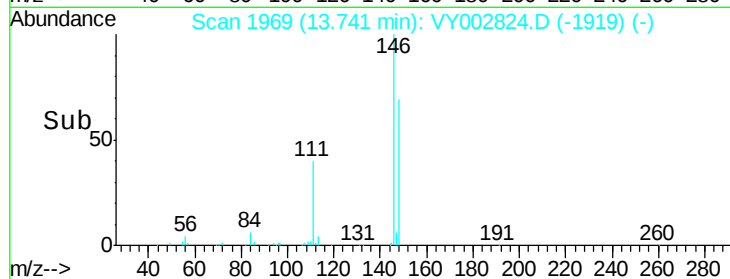
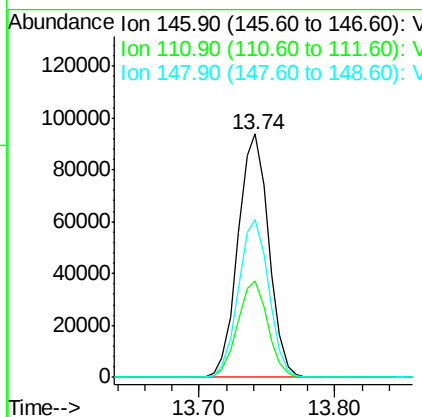
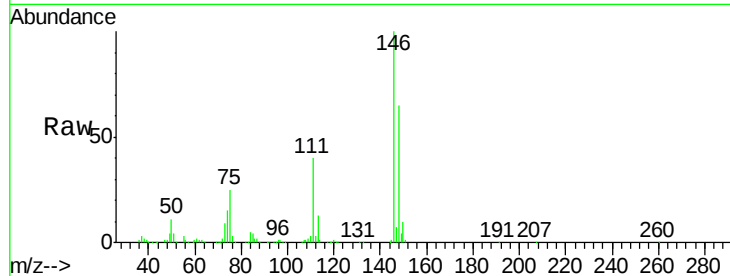




#91
 1,2-Dichlorobenzene
 Concen: 20.556 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

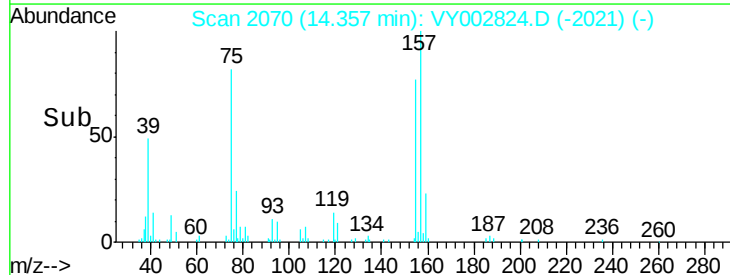
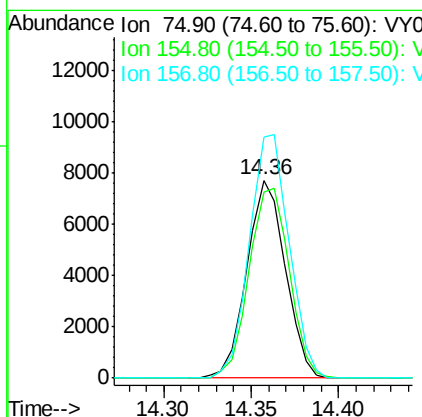
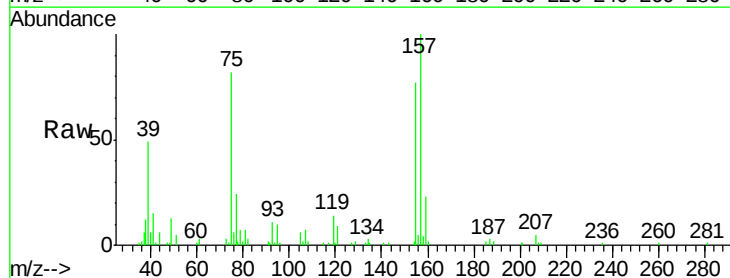
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

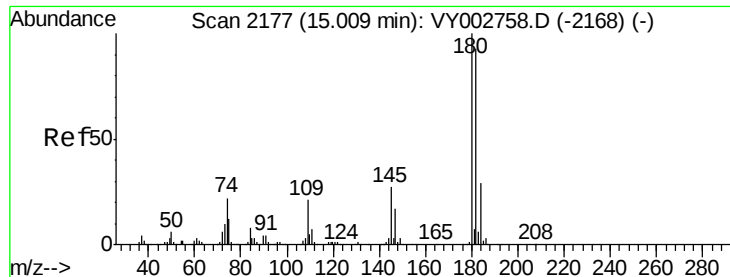
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.783 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.2	53.5	160.5
157	126.9	69.9	209.7

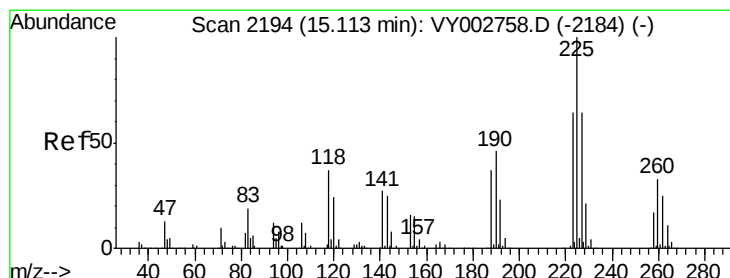
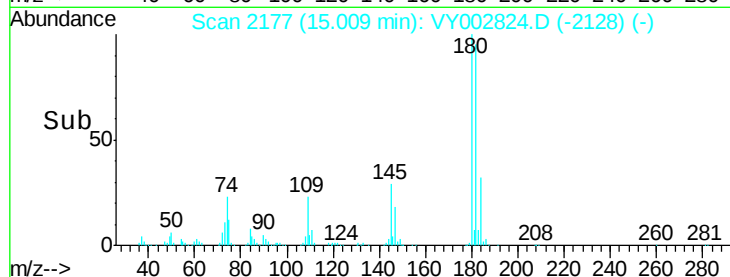
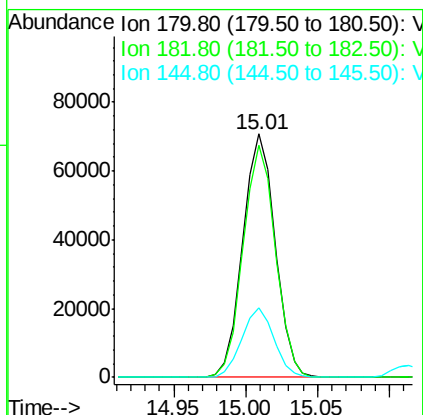
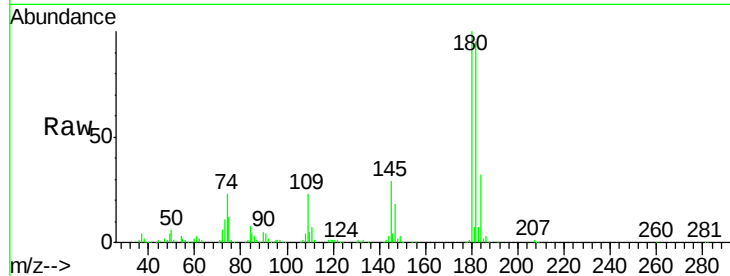




#93
 1,2,4-Trichlorobenzene
 Concen: 20.317 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

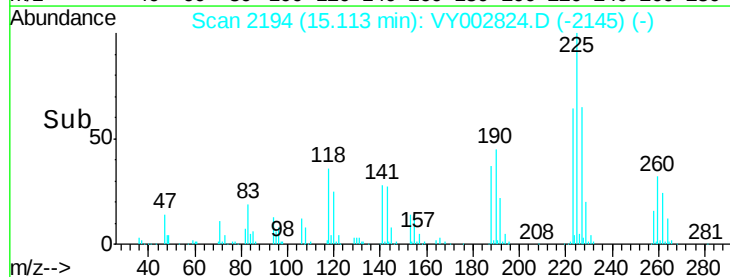
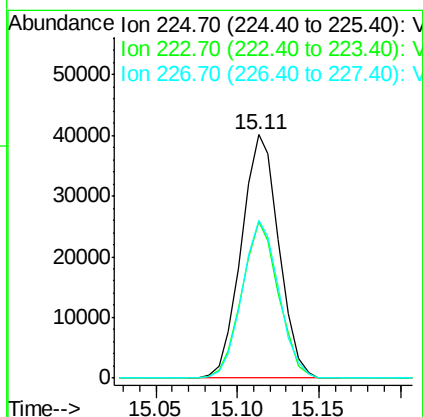
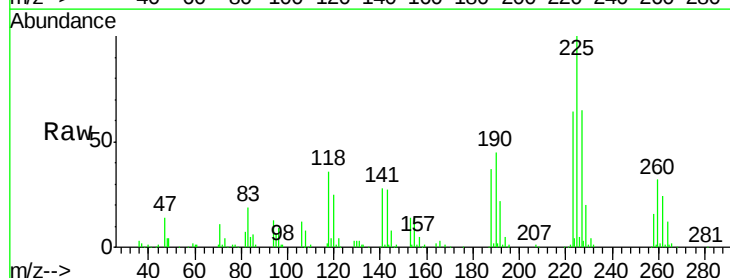
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

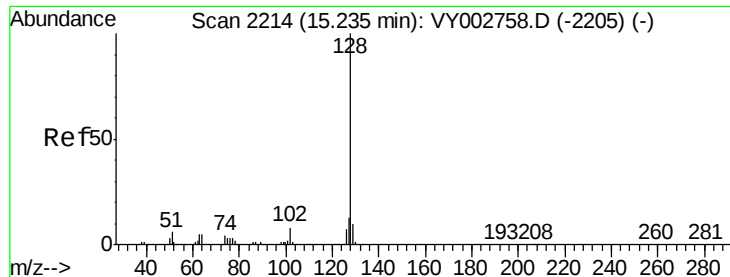
Tot Ion:180 Resp: 110162
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 28.4 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 20.819 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002824.D
 Acq: 03 Jun 2020 11:41

Tgt Ion:225 Resp: 64025
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 63.7 32.3 96.9

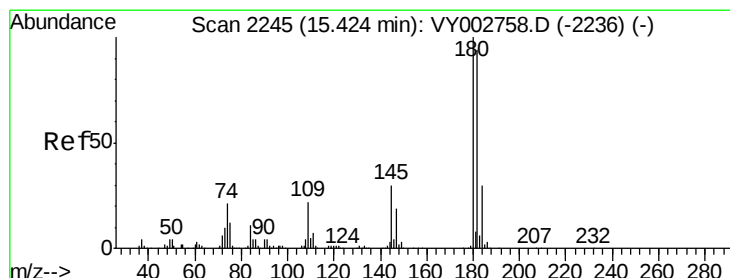
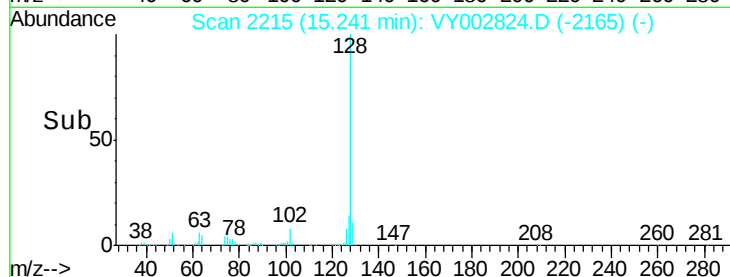
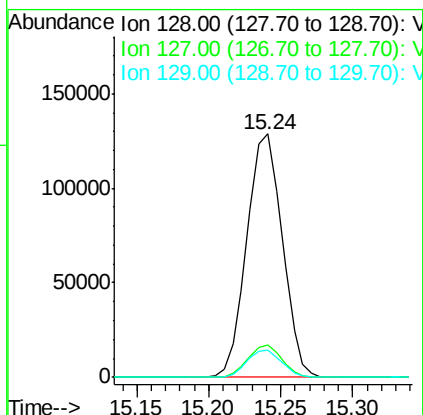
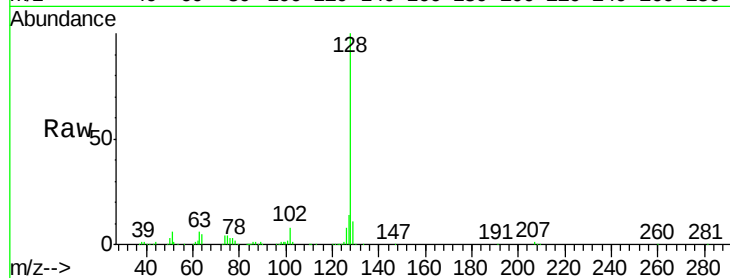




#95
Naphthalene
Concen: 20.225 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tot Ion:128 Resp: 219872
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.386 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY002824.D
Acq: 03 Jun 2020 11:41

Tgt Ion:180 Resp: 98706
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.4
145 29.0 15.1 45.3

