

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002838.D
 Acq On : 04 Jun 2020 13:29
 Operator : SY/MD
 Sample : VY0604SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

Quant Time: Jun 04 16:33:46 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	336179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	499289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	144092	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.72	113	150052	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.18	98	577570	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.48	95	203956	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44927	19.422	ug/l	100
3) Chloromethane	2.12	50	51963	20.309	ug/l	97
4) Vinyl Chloride	2.26	62	56879	21.032	ug/l	97
5) Bromomethane	2.65	94	42351	20.897	ug/l	98
6) Chloroethane	2.79	64	37607	21.451	ug/l	98
7) Trichlorofluoromethane	3.13	101	101863	21.267	ug/l	96
8) Diethyl Ether	3.53	74	38181	20.415	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63985	22.500	ug/l	99
10) Methyl Iodide	4.10	142	81858	20.571	ug/l	99
11) Tert butyl alcohol	4.97	59	39315	118.603	ug/l	99
12) 1,1-Dichloroethene	3.88	96	61701	21.574	ug/l	94
13) Acrolein	3.74	56	31642	92.502	ug/l	99
14) Allyl chloride	4.49	41	92977	22.667	ug/l	98
15) Acrylonitrile	5.18	53	94845	112.412	ug/l	100
16) Acetone	3.96	43	72178	105.452	ug/l	100
17) Carbon Disulfide	4.20	76	181106	20.956	ug/l	99
18) Methyl Acetate	4.49	43	44433	25.395	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	170581	21.605	ug/l	100
20) Methylene Chloride	4.72	84	77670	23.220	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	70067	21.785	ug/l	99
22) Diisopropyl ether	6.13	45	193954	22.755	ug/l	97
23) Vinyl Acetate	6.07	43	632851	112.455	ug/l	98
24) 1,1-Dichloroethane	6.03	63	111082	22.278	ug/l	98
25) 2-Butanone	7.00	43	119317	111.889	ug/l	98
26) 2,2-Dichloropropane	6.99	77	100016	20.915	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	77992	21.661	ug/l	99
28) Bromochloromethane	7.34	49	47146	23.033	ug/l	95
29) Tetrahydrofuran	7.36	42	78988	113.874	ug/l	99
30) Chloroform	7.51	83	114132	21.571	ug/l	96
31) Cyclohexane	7.78	56	106929	21.599	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	102047	20.697	ug/l	99
36) 1,1-Dichloropropene	7.92	75	90123	21.428	ug/l	99
37) Ethyl Acetate	7.08	43	52448	22.920	ug/l	99
38) Carbon Tetrachloride	7.90	117	96272	20.605	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	116767	21.063	ug/l	98
40) Benzene	8.16	78	265680	21.378	ug/l	98
41) Methacrylonitrile	7.32	41	26476m	21.537	ug/l	
42) 1,2-Dichloroethane	8.24	62	73550	21.118	ug/l	99
43) Isopropyl Acetate	8.28	43	97208	22.417	ug/l	99
44) Trichloroethene	8.94	130	83171	21.187	ug/l	98
45) 1,2-Dichloropropane	9.22	63	64815	21.748	ug/l	98
46) Dibromomethane	9.31	93	38265	21.619	ug/l	98
47) Bromodichloromethane	9.50	83	89945	21.556	ug/l	100
48) Methyl methacrylate	9.30	41	42453	21.687	ug/l	99
49) 1,4-Dioxane	9.30	88	11731	431.655	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	257617	112.192	ug/l	99
52) Toluene	10.24	92	170541	20.977	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	97604	21.416	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	110607	21.418	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	58174	21.469	ug/l	94
56) Ethyl methacrylate	10.51	69	78726	21.691	ug/l	99
57) 1,3-Dichloropropane	10.79	76	96504	21.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	189102	106.630	ug/l	99
59) 2-Hexanone	10.83	43	181979	111.696	ug/l	100
60) Dibromochloromethane	10.99	129	71928	20.937	ug/l	100
61) 1,2-Dibromoethane	11.09	107	58182	21.767	ug/l	99
64) Tetrachloroethene	10.72	164	84647	20.237	ug/l	98
65) Chlorobenzene	11.52	112	194198	21.349	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73100	21.338	ug/l	99
67) Ethyl Benzene	11.59	91	334440	21.208	ug/l	98
68) m/p-Xylenes	11.70	106	258466	42.273	ug/l	99
69) o-Xylene	12.03	106	123818	21.452	ug/l	99
70) Styrene	12.04	104	213297	21.317	ug/l	99
71) Bromoform	12.20	173	49644	21.656	ug/l	# 99
73) Isopropylbenzene	12.33	105	332899	21.060	ug/l	100
74) N-amyl acetate	12.14	43	89667	22.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	63787	22.999	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	47889m	21.547	ug/l	
77) Bromobenzene	12.61	156	85503	20.774	ug/l	97
78) n-propylbenzene	12.67	91	392412	21.492	ug/l	99
79) 2-Chlorotoluene	12.75	91	218732	21.356	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	281295	21.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25699	21.784	ug/l	98
82) 4-Chlorotoluene	12.85	91	229789	21.414	ug/l	99
83) tert-Butylbenzene	13.07	119	249907	21.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	284603	21.446	ug/l	100
85) sec-Butylbenzene	13.25	105	345868	21.486	ug/l	100
86) p-Isopropyltoluene	13.37	119	321571	21.469	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	166892	21.406	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	164392	21.079	ug/l	99
89) n-Butylbenzene	13.70	91	296104	21.774	ug/l	99
90) Hexachloroethane	13.96	117	59266	21.136	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	150901	21.342	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12076	22.632	ug/l	94

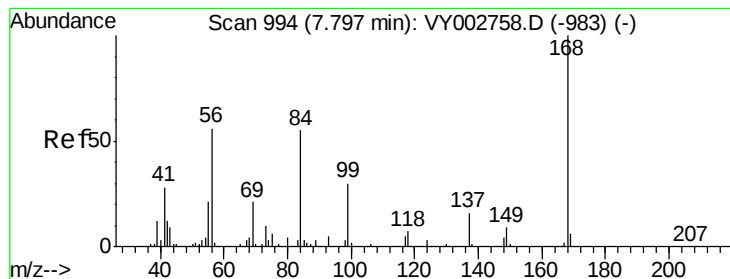
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	115139	21.604	ug/l	99
94) Hexachlorobutadiene	15.11	225	65631	21.713	ug/l	98
95) Naphthalene	15.23	128	230482	21.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	102616	21.562	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: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

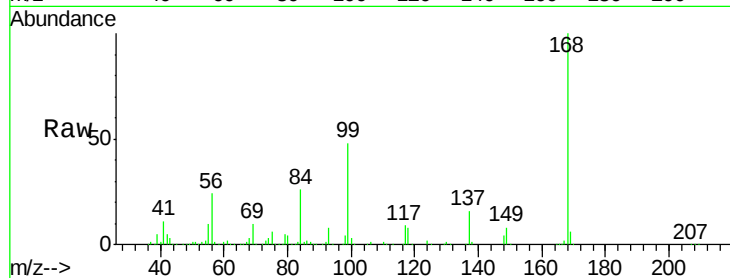
VY0604SBS01

Tot Ion:168 Resp: 336179

Ion Ratio Lower Upper

168 100

99 47.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002838.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002838.D (-945) (-)

7.80

150000

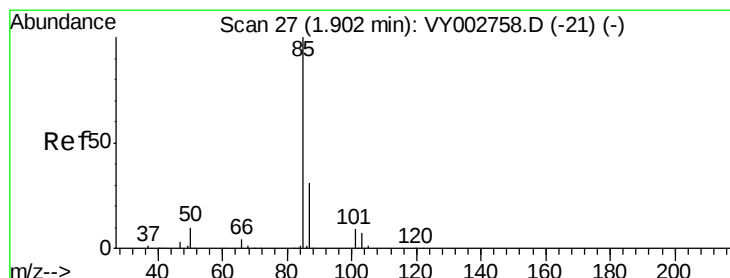
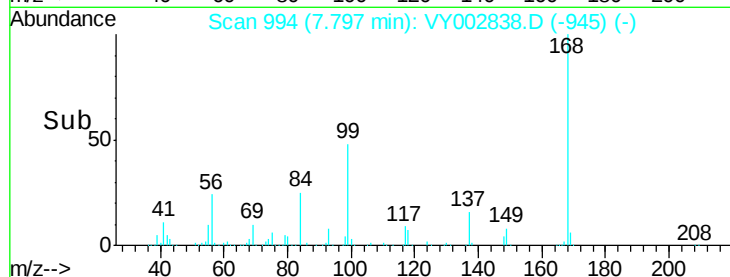
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.422 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY002838.D

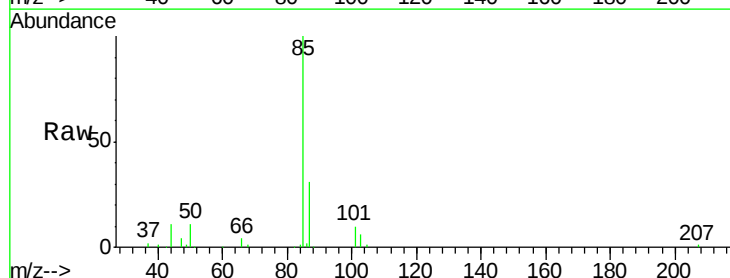
Acq: 04 Jun 2020 13:29

Tgt Ion: 85 Resp: 44927

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002838.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002838.D (-1) (-)

1.90

30000

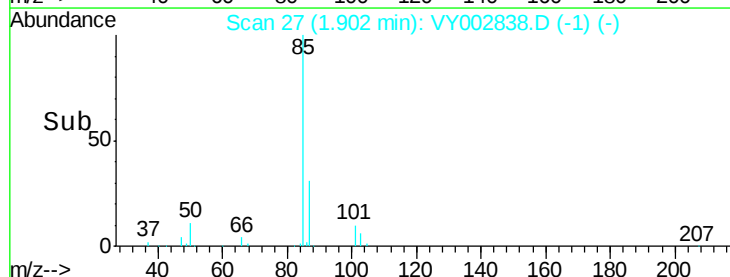
20000

10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.309 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

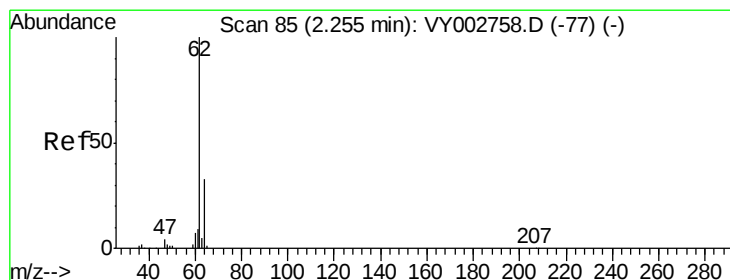
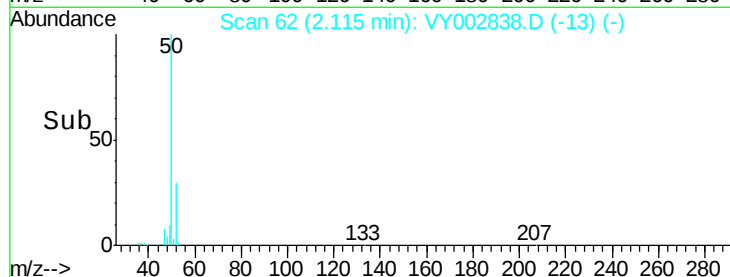
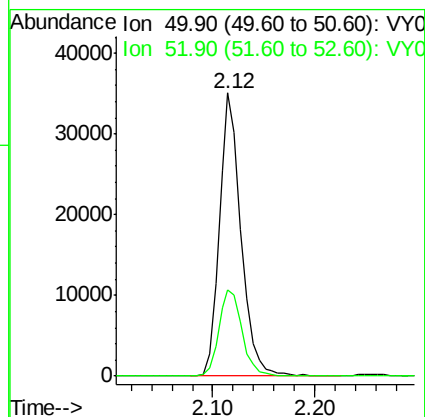
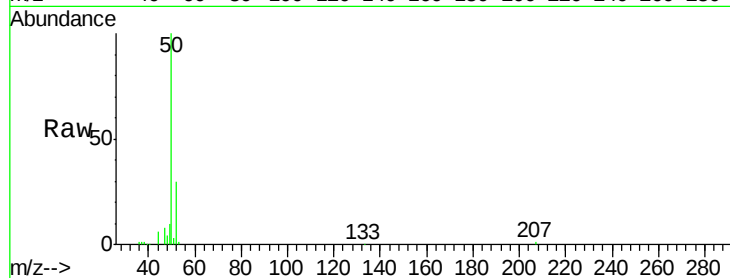
VY0604SBSD01

Tot Ion: 50 Resp: 51963

Ion Ratio Lower Upper

50 100

52 30.4 25.8 38.6



#4

Vinyl Chloride

Concen: 21.032 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002838.D

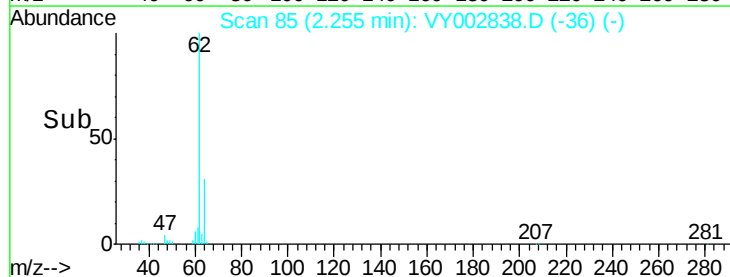
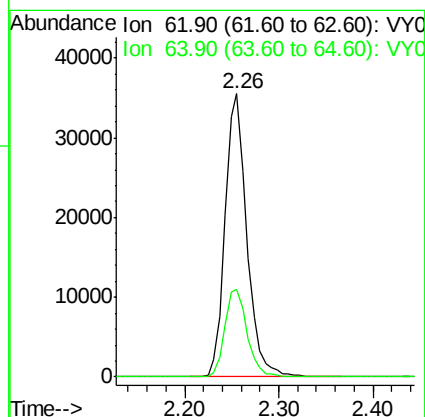
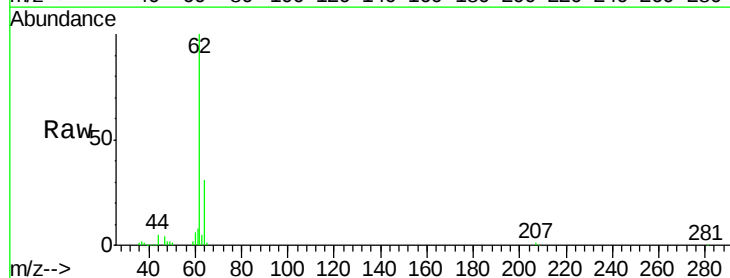
Acq: 04 Jun 2020 13:29

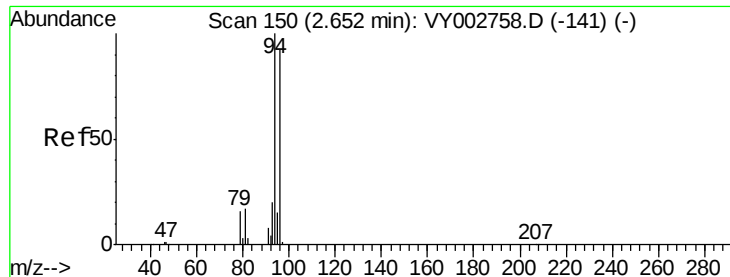
Tgt Ion: 62 Resp: 56879

Ion Ratio Lower Upper

62 100

64 31.1 26.1 39.1





#5

Bromomethane

Concen: 20.897 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

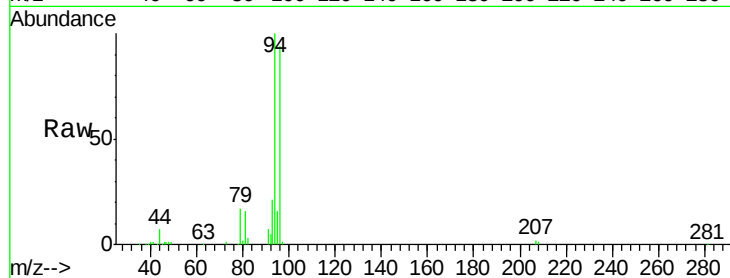
VY0604SBS01

Tot Ion: 94 Resp: 42351

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

2.65

20000

15000

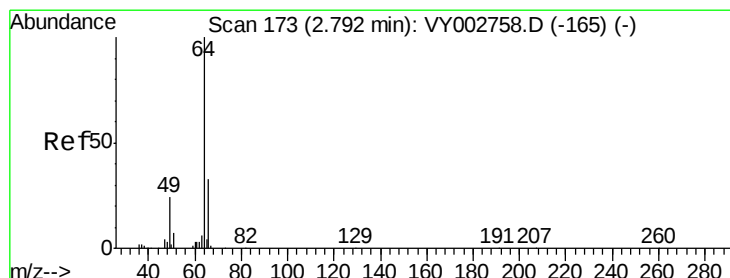
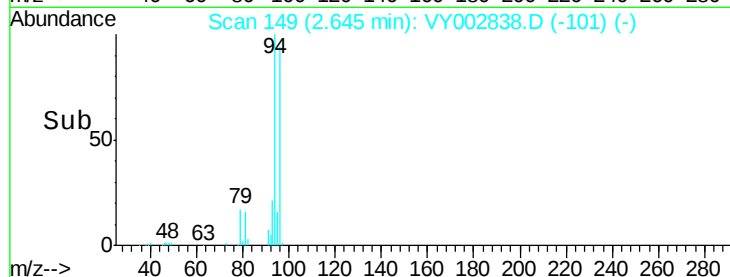
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 21.451 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002838.D

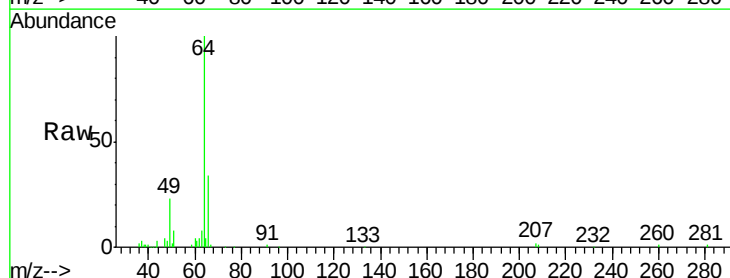
Acq: 04 Jun 2020 13:29

Tgt Ion: 64 Resp: 37607

Ion Ratio Lower Upper

64 100

66 34.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

15000

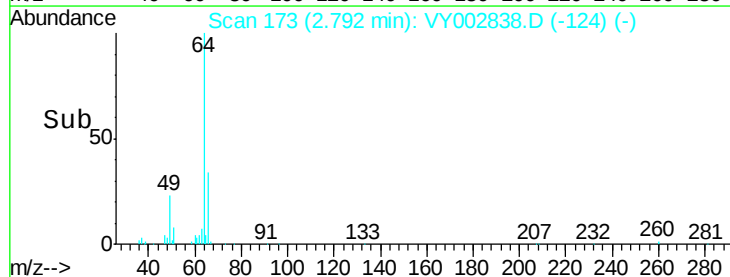
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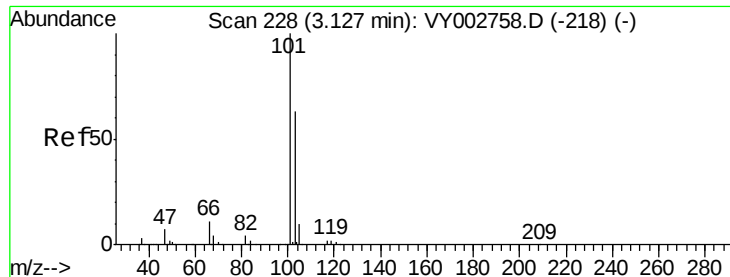
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0

Time-->

2.70 2.80 2.90



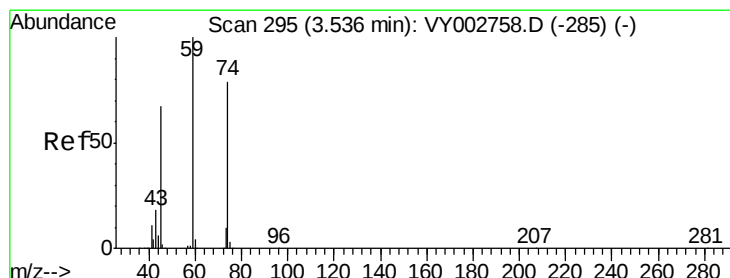
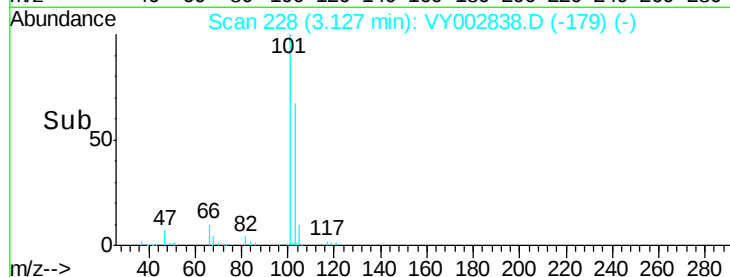
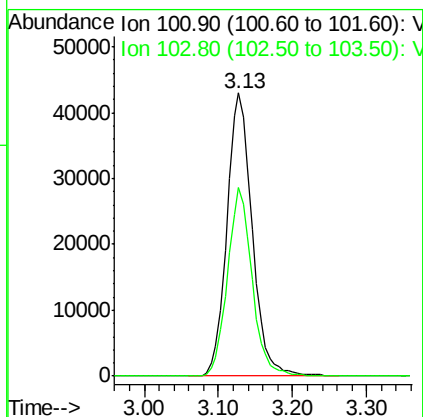
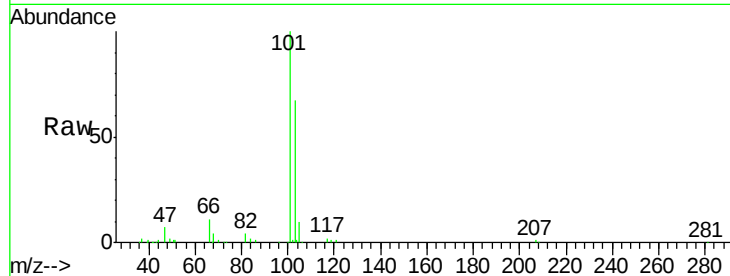


#7

Trichlorofluoromethane
 Concen: 21.267 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Instrument :
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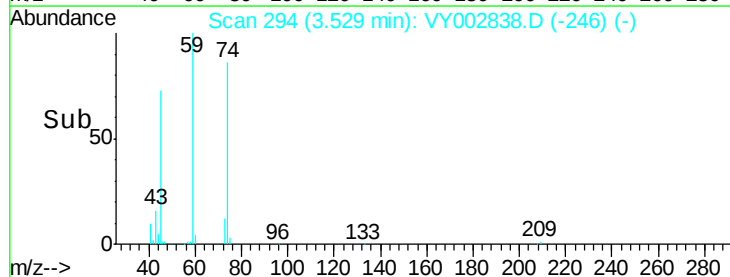
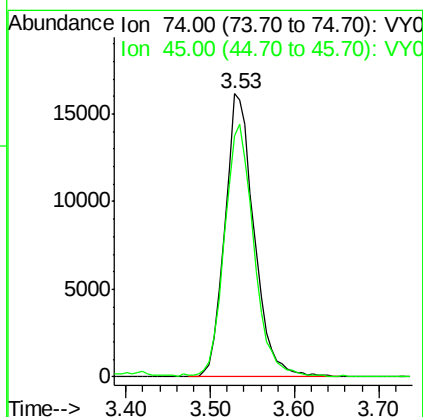
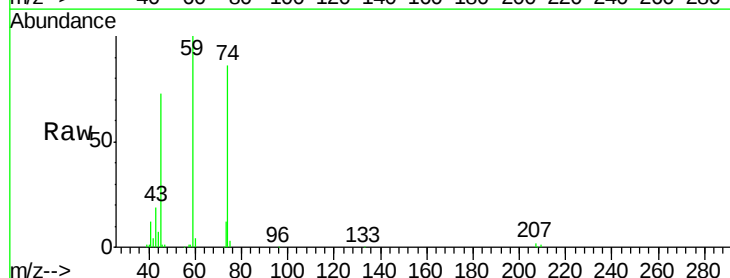
Tot Ion:101 Resp: 101863
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.6 76.0

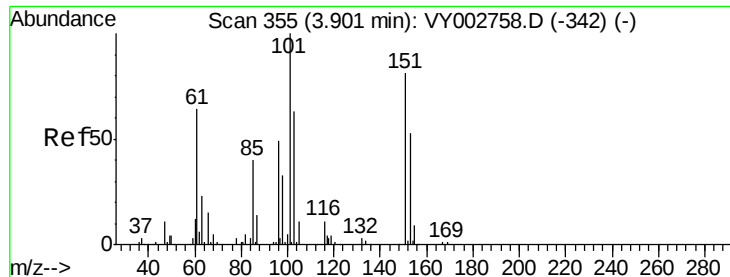


#8

Diethyl Ether
 Concen: 20.415 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 74 Resp: 38181
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.500 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

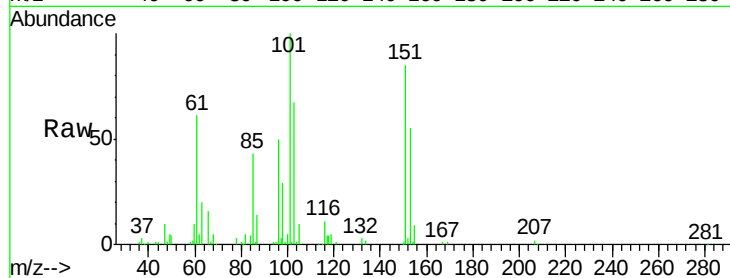
Tot Ion:101 Resp: 63985

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

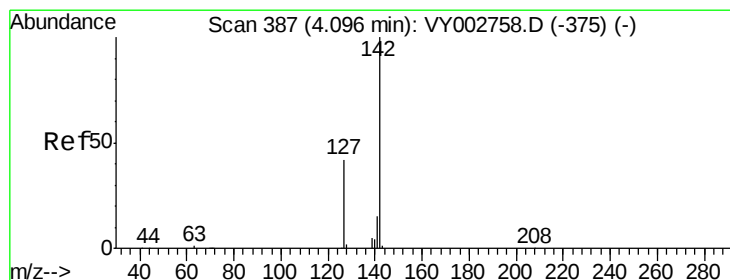
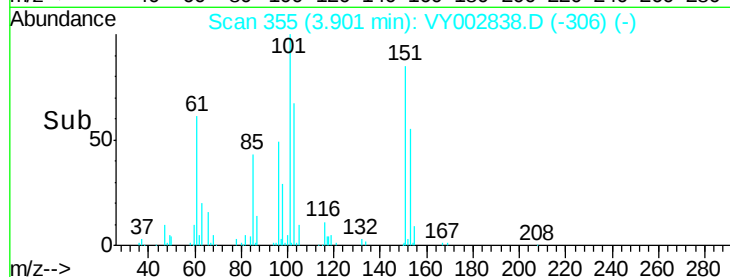
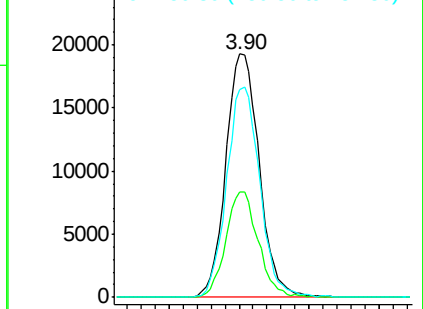
151 85.9 68.0 102.0



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: 20.571 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

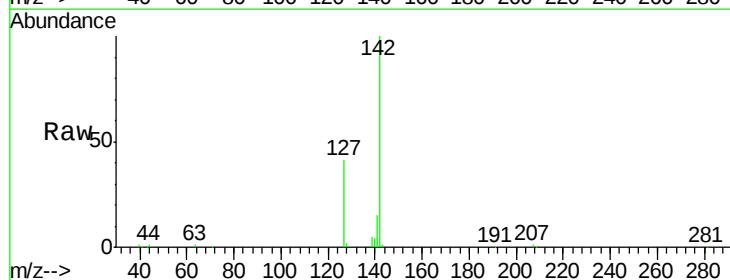
Tgt Ion:142 Resp: 81858

Ion Ratio Lower Upper

142 100

127 40.6 33.3 49.9

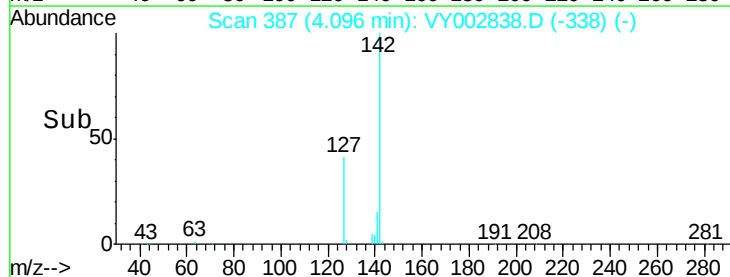
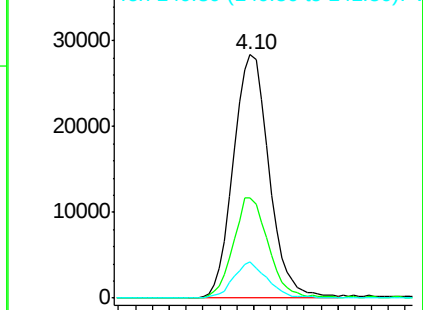
141 14.1 11.5 17.3



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



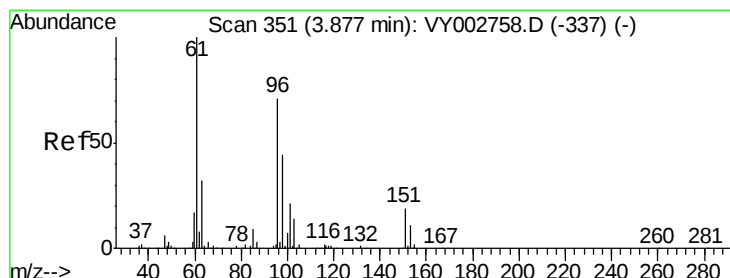
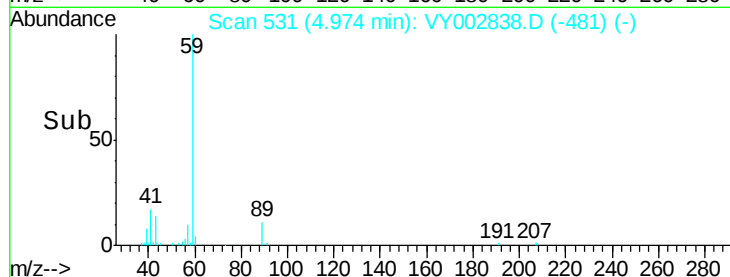
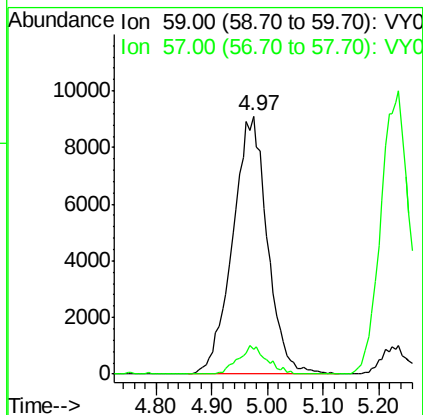
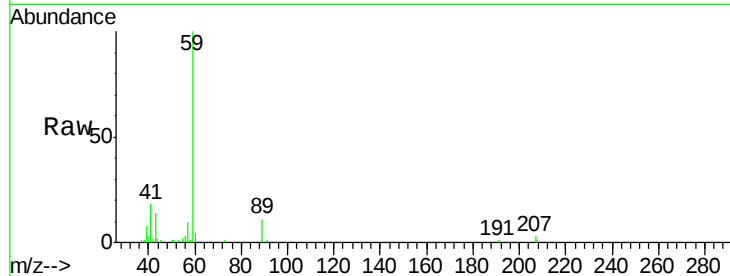


#11

Tert butyl alcohol
 Concen: 118.603 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

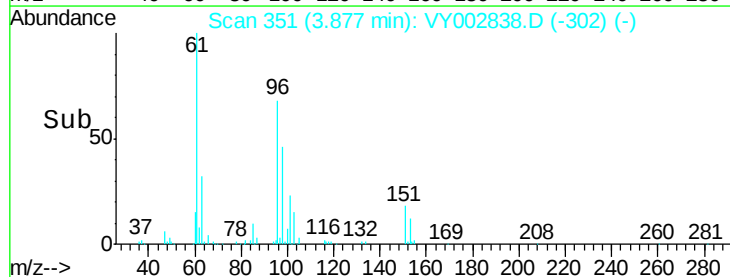
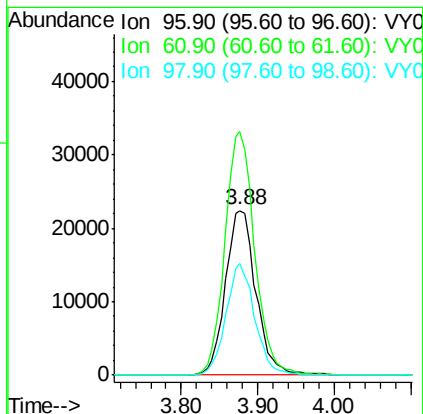
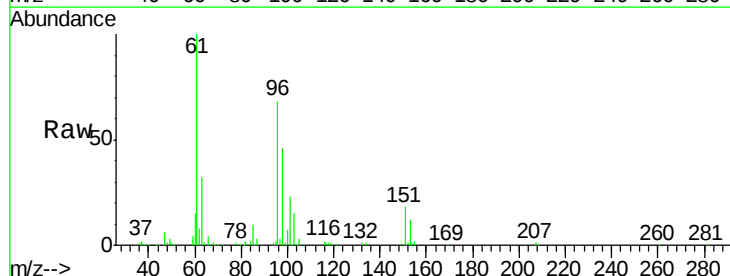
Tot Ion: 59 Resp: 39315
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.7 11.5

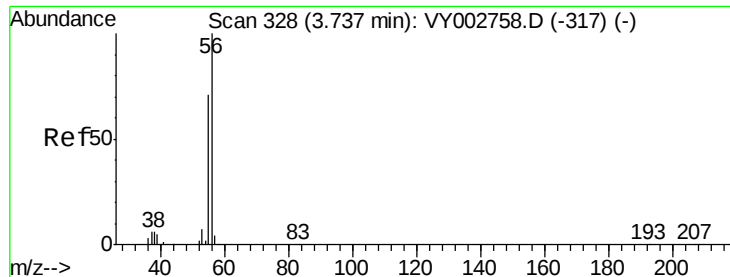


#12

1,1-Dichloroethene
 Concen: 21.574 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 96 Resp: 61701
 Ion Ratio Lower Upper
 96 100
 61 148.1 112.6 168.8
 98 67.6 50.0 75.0





#13

Acrolein

Concen: 92.502 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

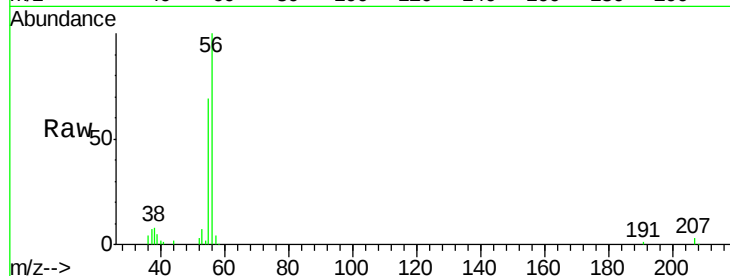
VY0604SBS01

Tot Ion: 56 Resp: 31642

Ion Ratio Lower Upper

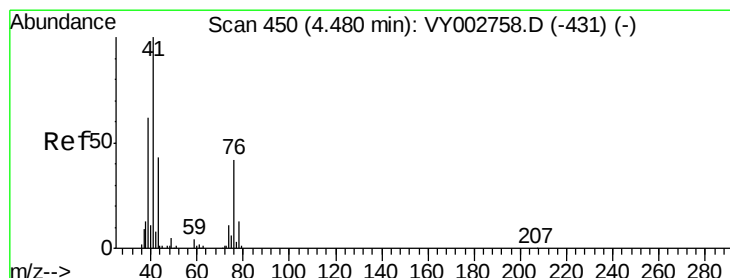
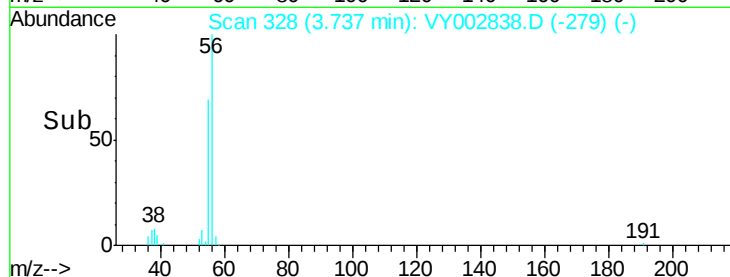
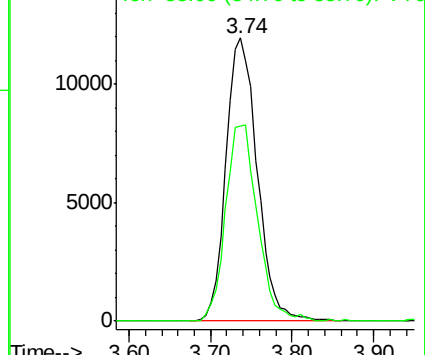
56 100

55 70.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.667 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

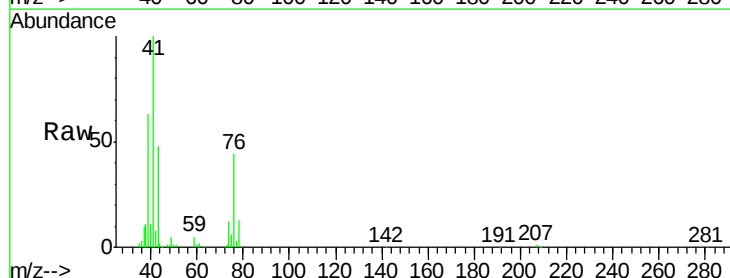
Tgt Ion: 41 Resp: 92977

Ion Ratio Lower Upper

41 100

39 60.7 49.9 74.9

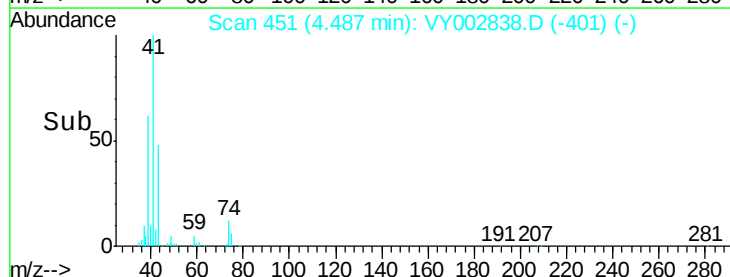
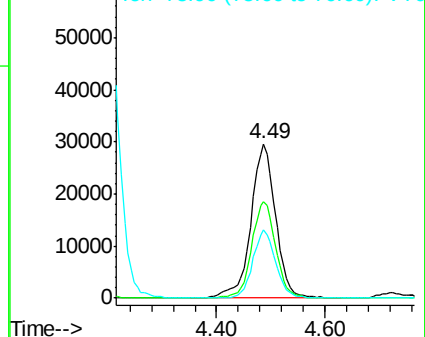
76 40.7 33.2 49.8

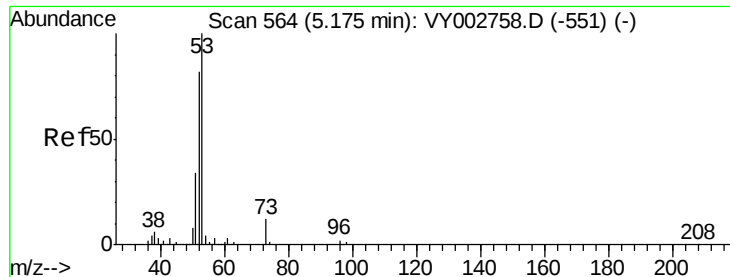


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 112.412 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

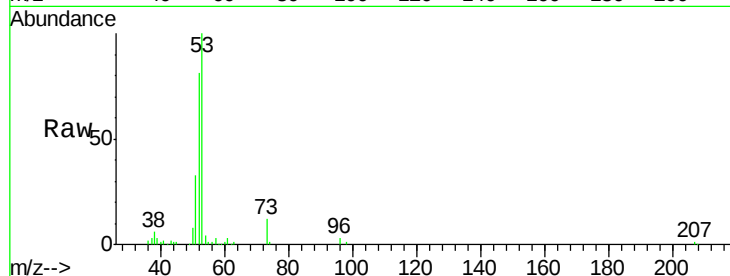
Tot Ion: 53 Resp: 94845

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

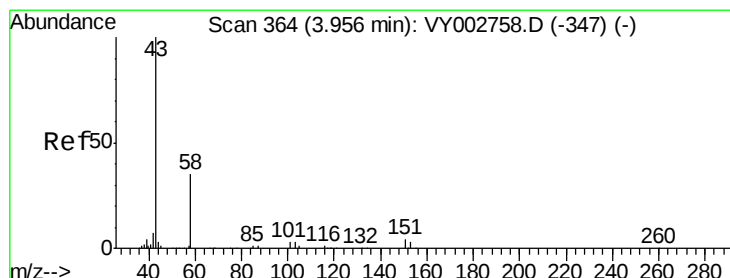
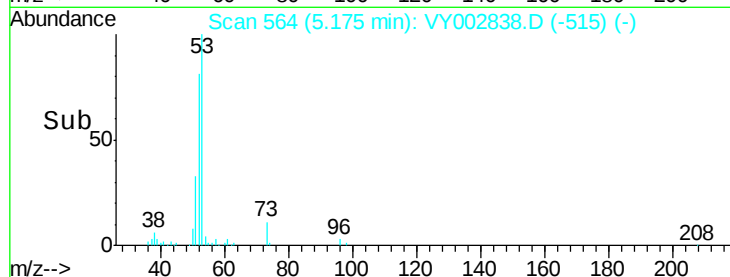
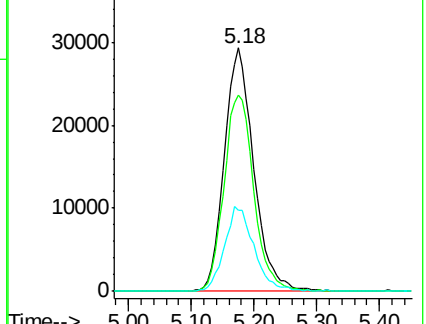
51 35.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 105.452 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002838.D

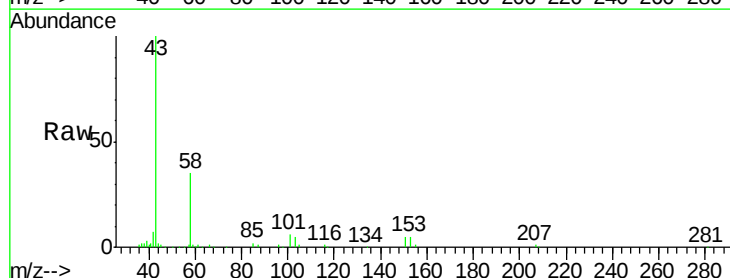
Acq: 04 Jun 2020 13:29

Tgt Ion: 43 Resp: 72178

Ion Ratio Lower Upper

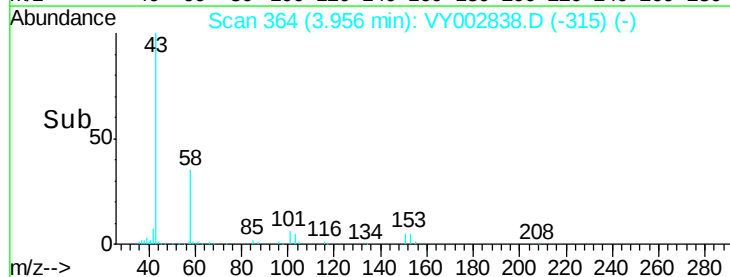
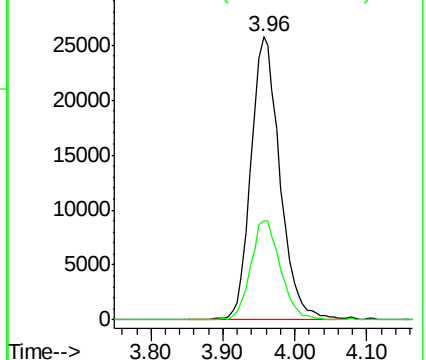
43 100

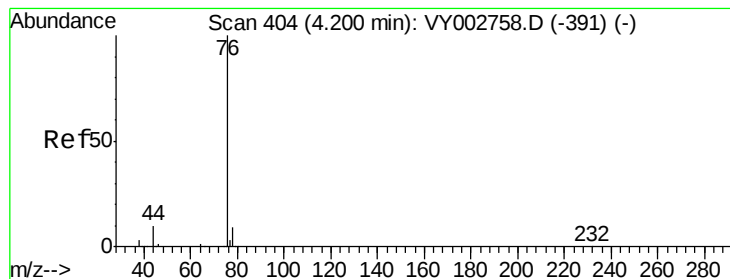
58 34.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.956 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

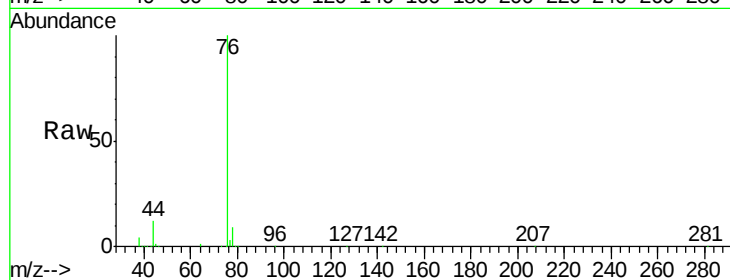
VY0604SBS01

Tot Ion: 76 Resp: 181106

Ion Ratio Lower Upper

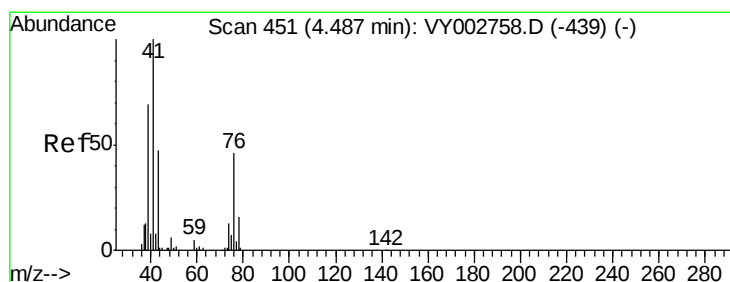
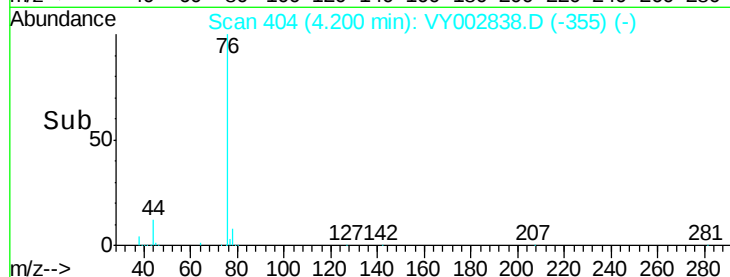
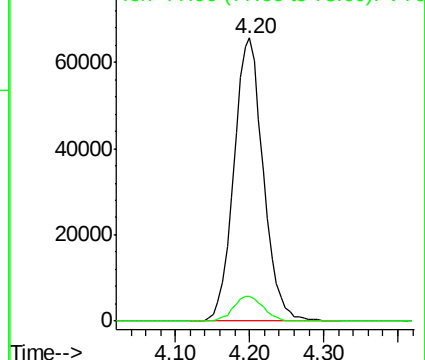
76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.395 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002838.D

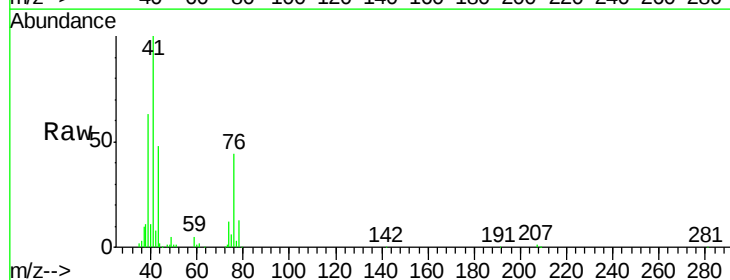
Acq: 04 Jun 2020 13:29

Tgt Ion: 43 Resp: 44433

Ion Ratio Lower Upper

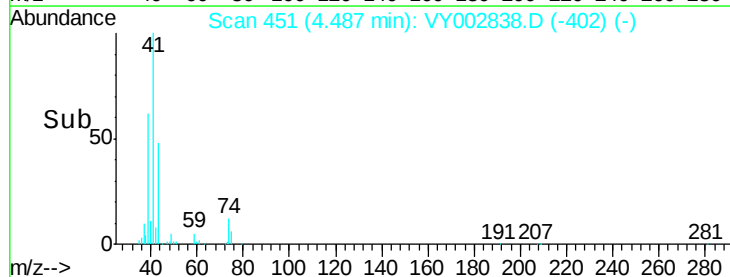
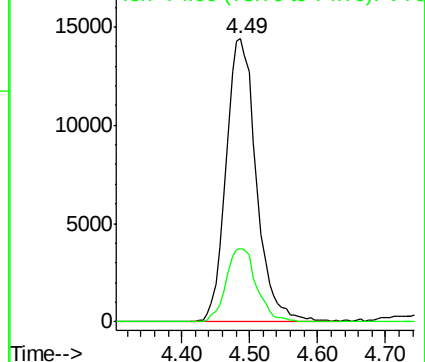
43 100

74 25.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



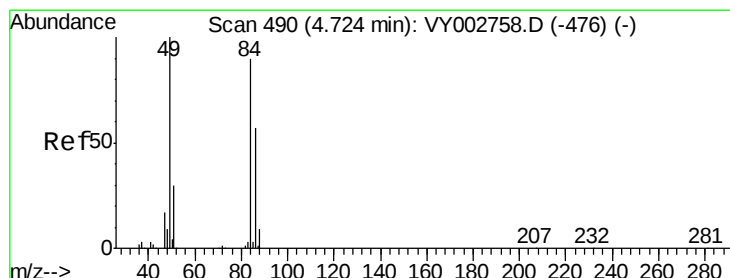
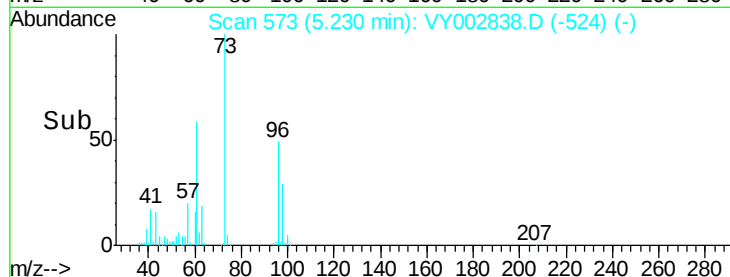
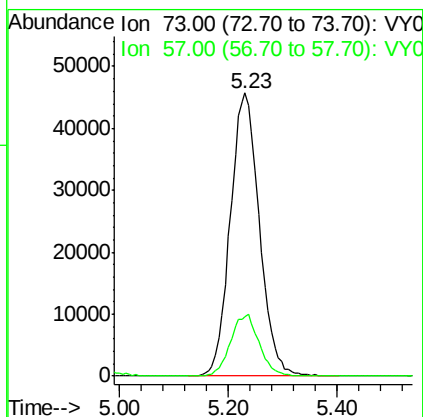
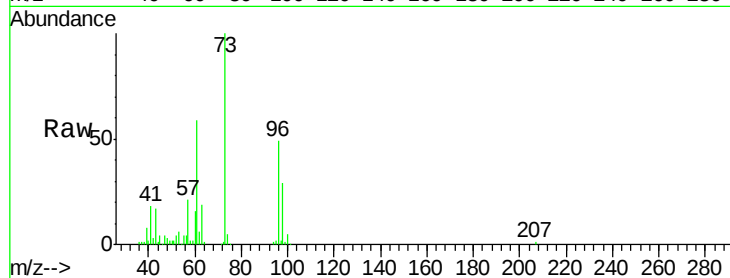


#19

Methyl tert-butyl Ether
 Concen: 21.605 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

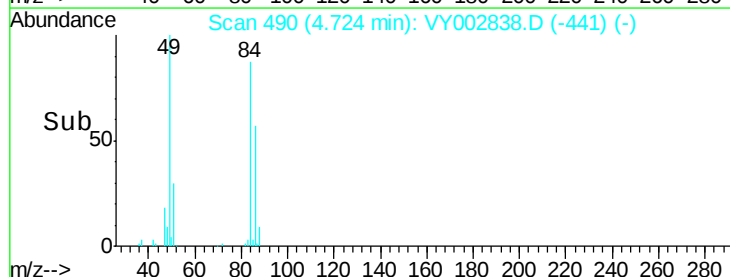
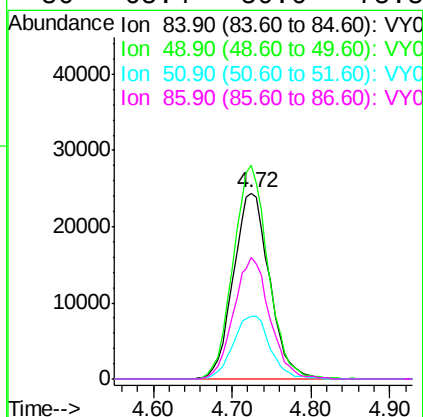
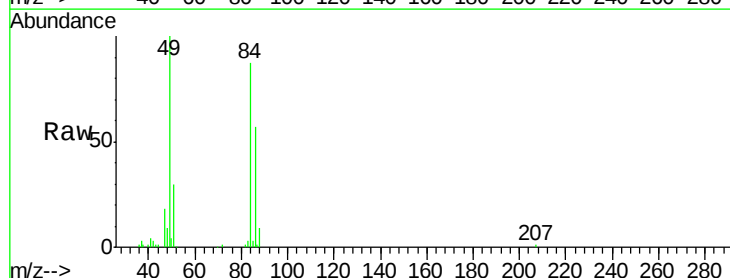
Tot Ion: 73 Resp: 170581
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.0 25.4

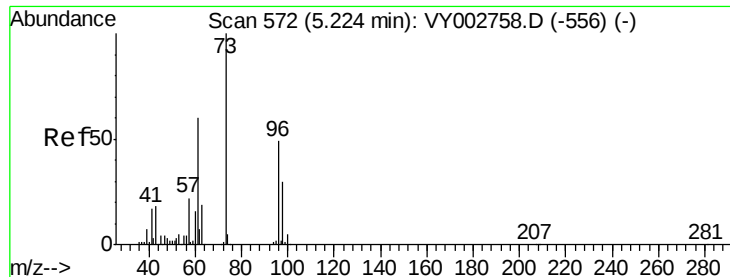


#20

Methylene Chloride
 Concen: 23.220 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 84 Resp: 77670
 Ion Ratio Lower Upper
 84 100
 49 114.9 88.5 132.7
 51 33.9 26.8 40.2
 86 65.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.785 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

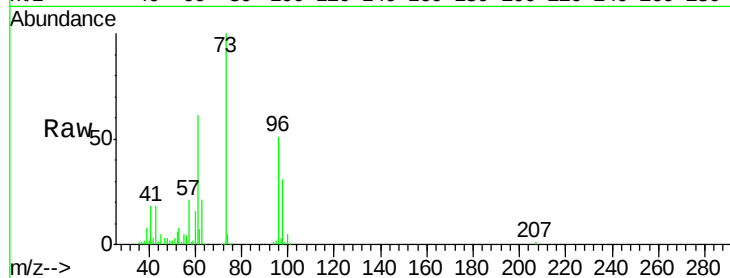
Tot Ion: 96 Resp: 70067

Ion Ratio Lower Upper

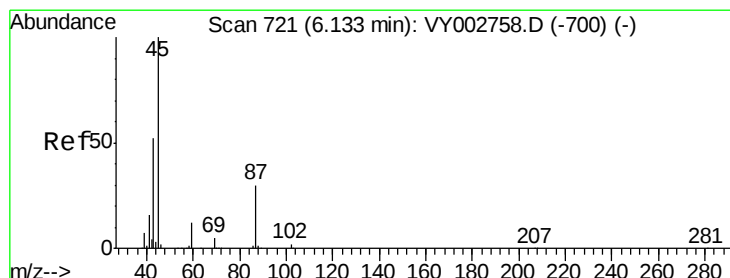
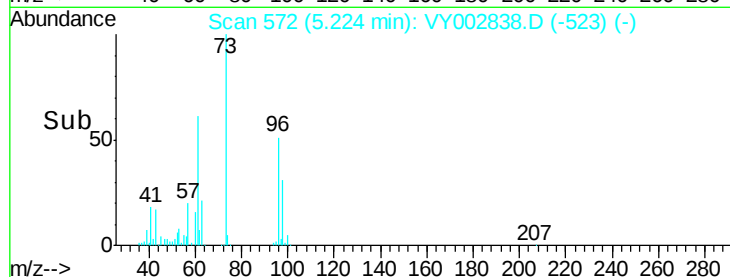
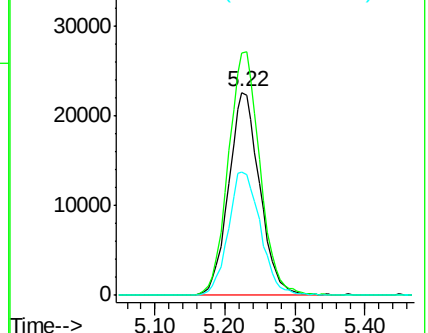
96 100

61 119.3 96.8 145.2

98 61.0 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: 22.755 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Tgt Ion: 45 Resp: 193954

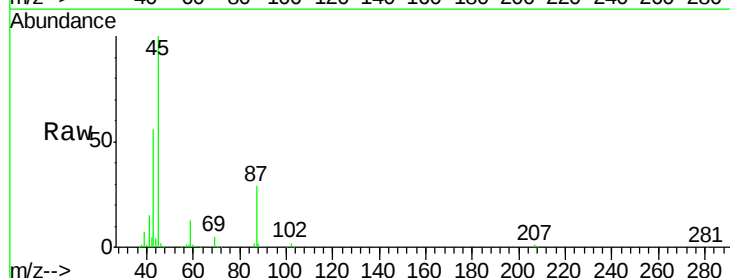
Ion Ratio Lower Upper

45 100

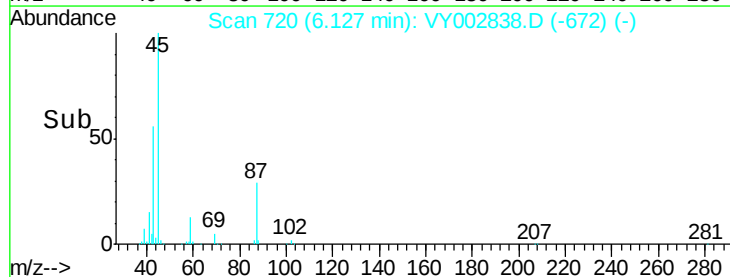
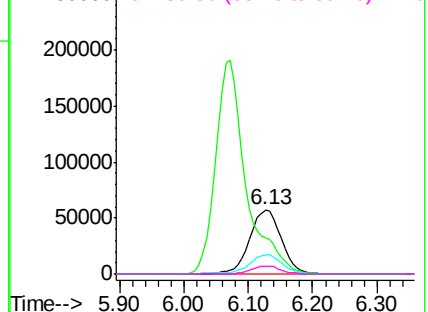
43 55.7 41.7 62.5

87 29.5 24.2 36.2

59 12.5 9.8 14.8



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





#23

Vinyl Acetate

Concen: 112.455 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

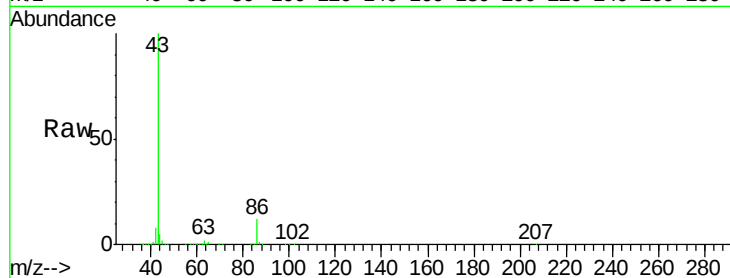
VY0604SBS01

Tot Ion: 43 Resp: 632851

Ion Ratio Lower Upper

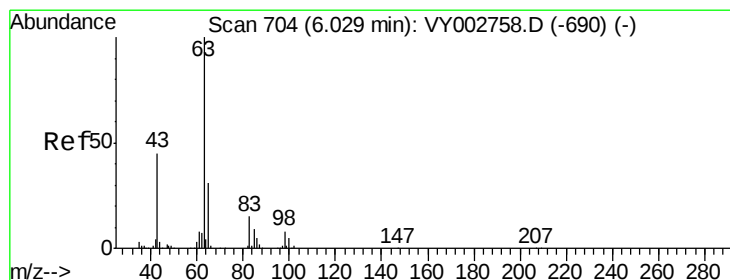
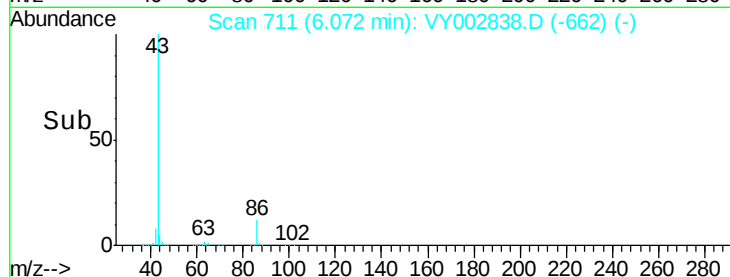
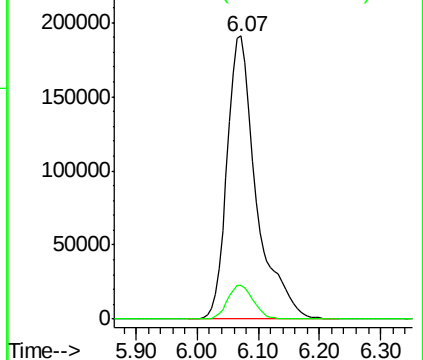
43 100

86 12.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.278 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

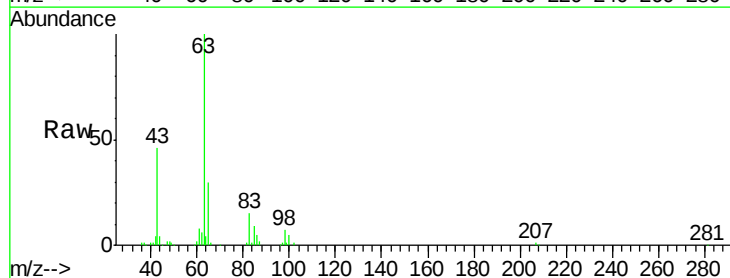
Tgt Ion: 63 Resp: 111082

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.2

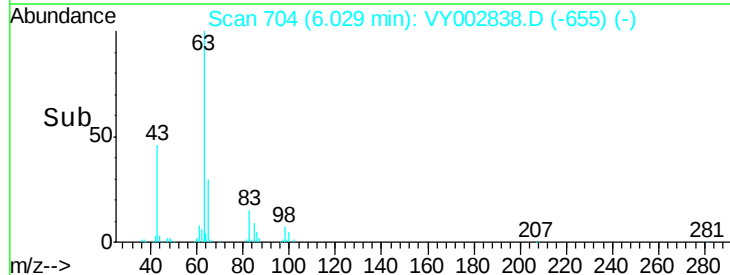
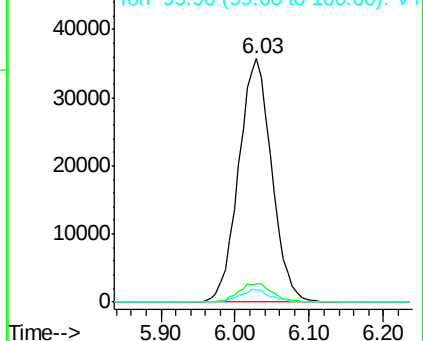
100 4.8 2.4 7.1

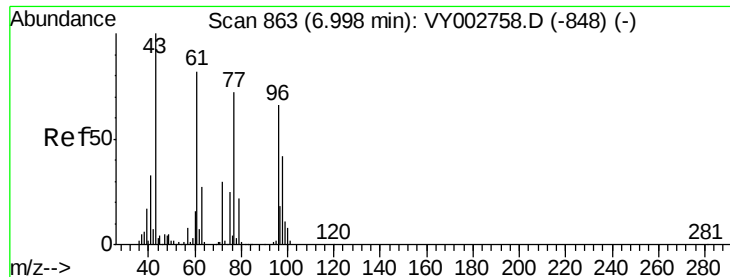


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

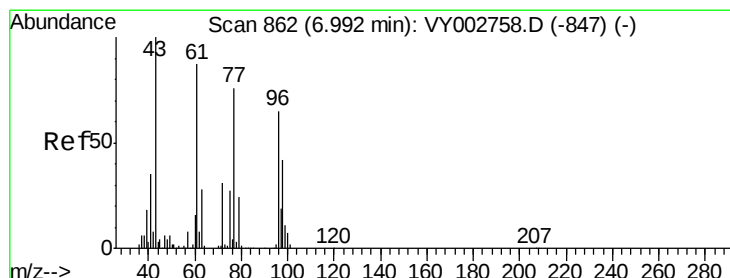
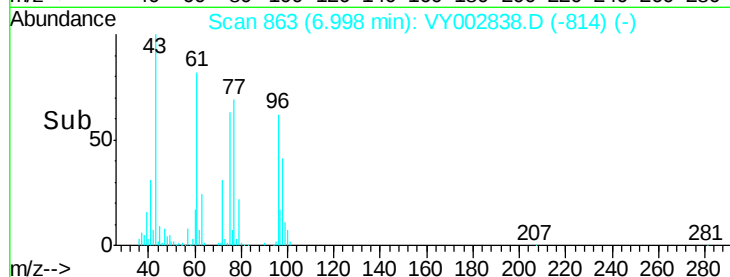
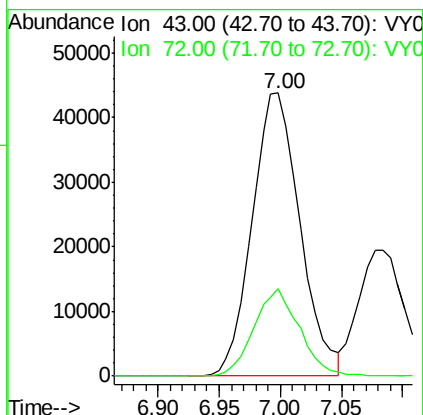
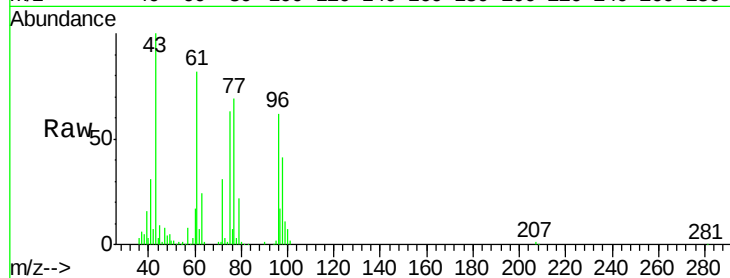




#25
2-Butanone
Concen: 111.889 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

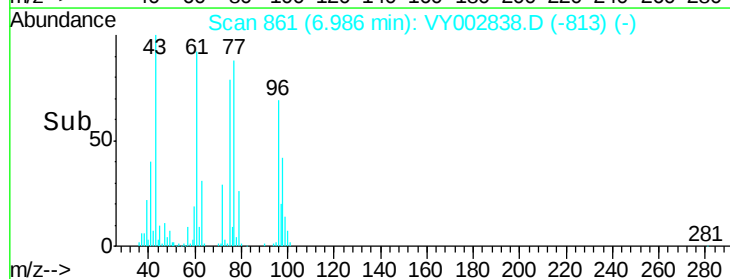
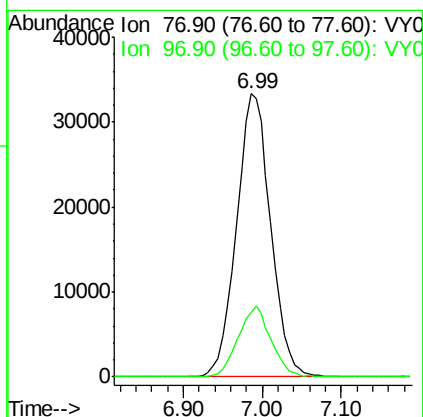
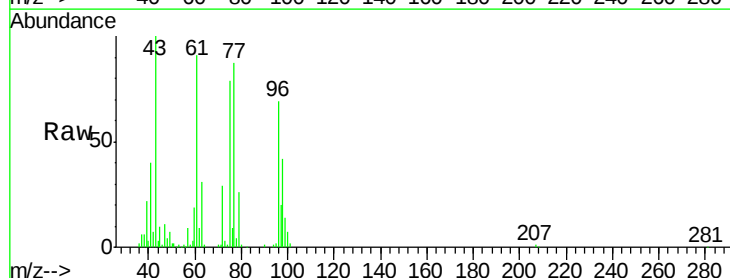
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

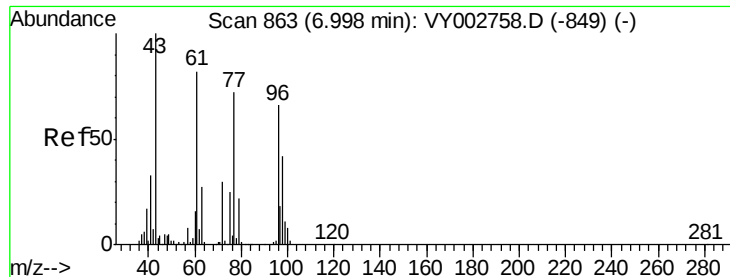
Tot Ion: 43 Resp: 119317
Ion Ratio Lower Upper
43 100
72 31.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.915 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 77 Resp: 100016
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.6



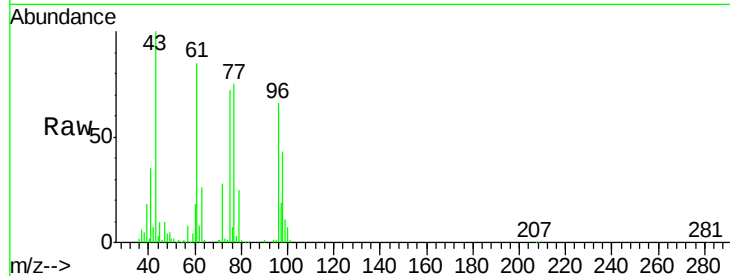


#27

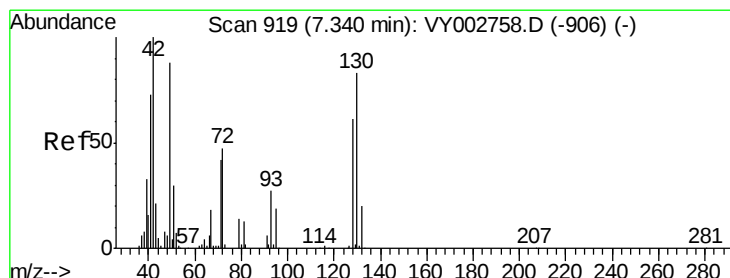
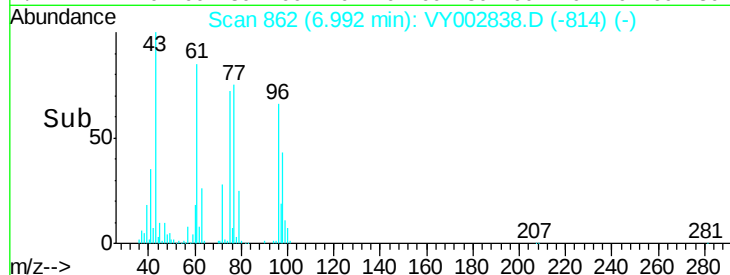
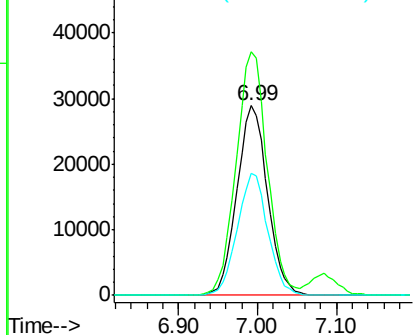
cis-1,2-Dichloroethene
 Concen: 21.661 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

Tot Ion: 96 Resp: 77992
 Ion Ratio Lower Upper
 96 100
 61 130.9 0.0 260.2
 98 64.0 0.0 128.2



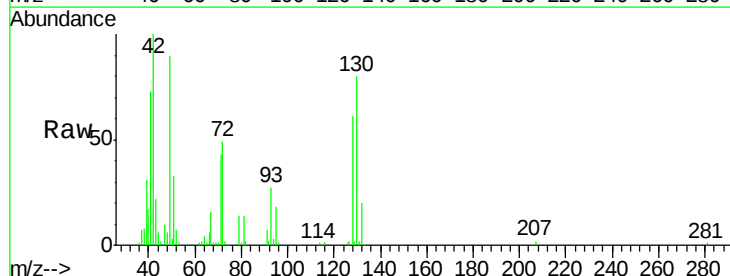
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



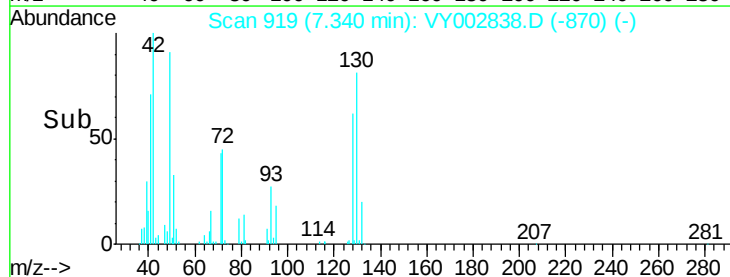
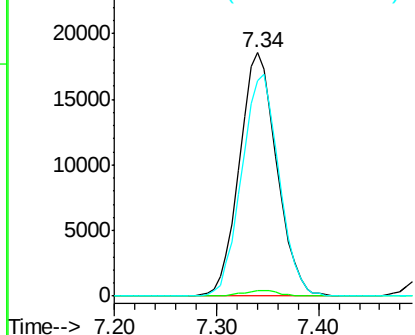
#28

Bromochloromethane
 Concen: 23.033 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 49 Resp: 47146
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.2
 130 91.2 77.1 115.7



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





#29

Tetrahydrofuran

Concen: 113.874 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

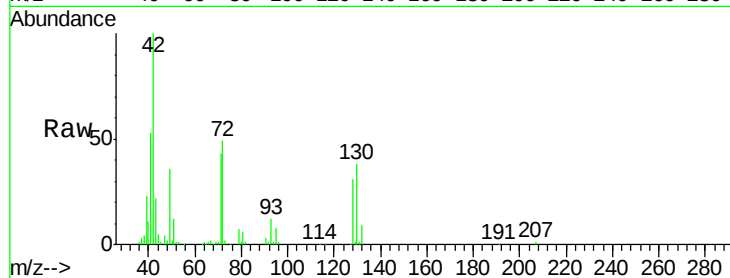
Tot Ion: 42 Resp: 78988

Ion Ratio Lower Upper

42 100

72 47.8 38.6 58.0

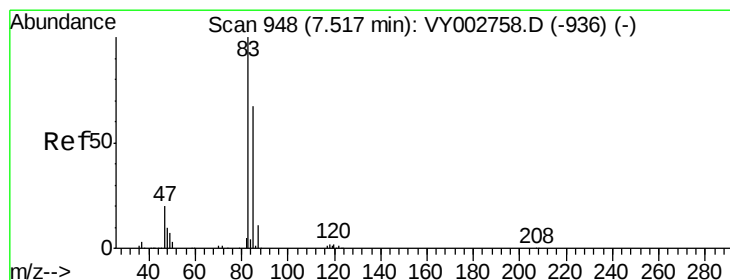
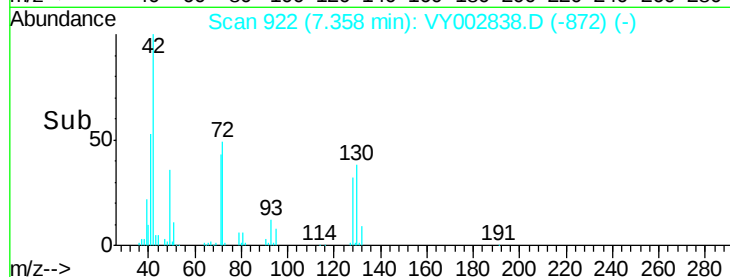
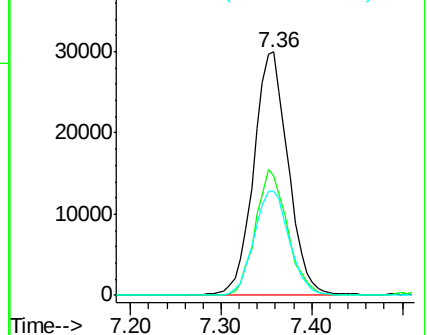
71 43.7 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.571 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002838.D

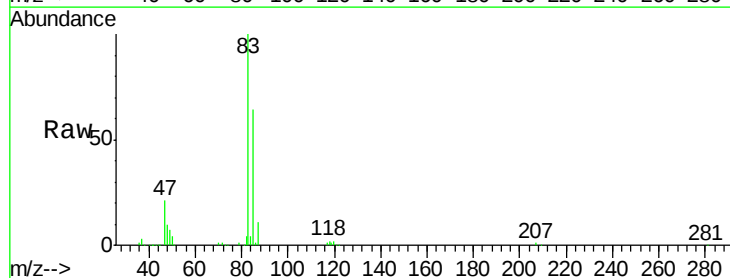
Acq: 04 Jun 2020 13:29

Tgt Ion: 83 Resp: 114132

Ion Ratio Lower Upper

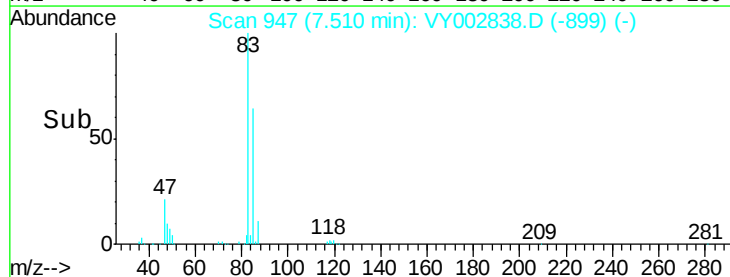
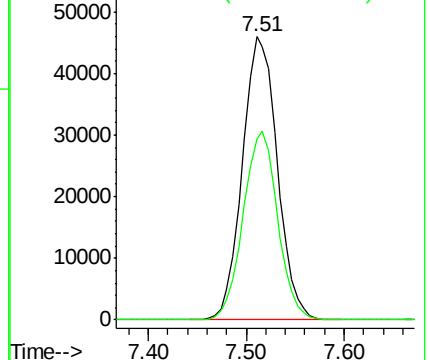
83 100

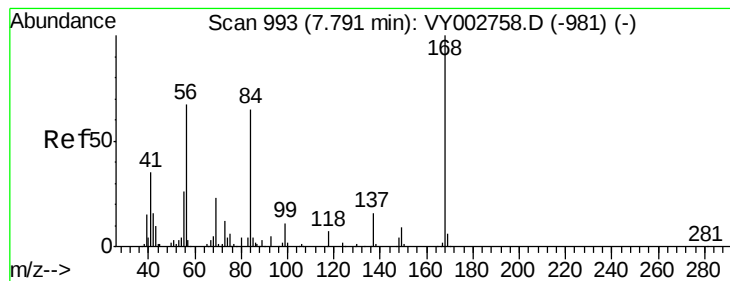
85 64.1 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.599 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

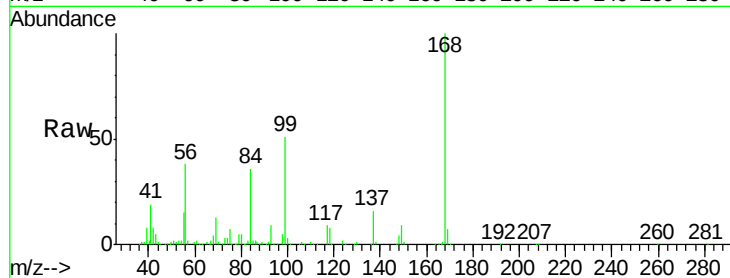
Tot Ion: 56 Resp: 106929

Ion Ratio Lower Upper

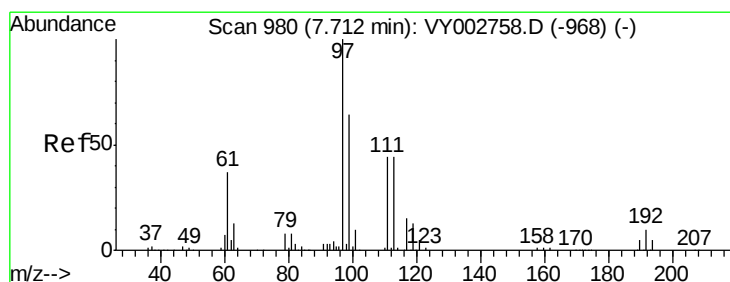
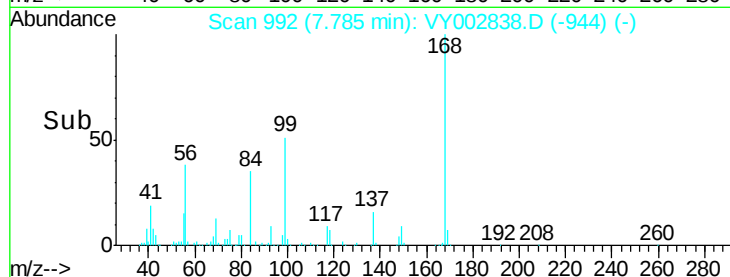
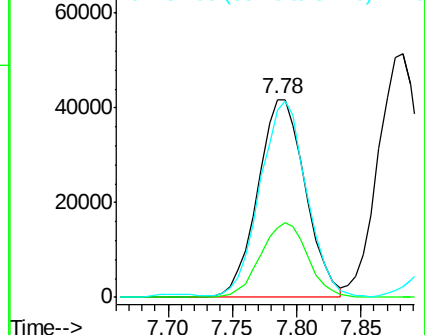
56 100

69 35.0 28.0 42.0

84 93.5 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: 20.697 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

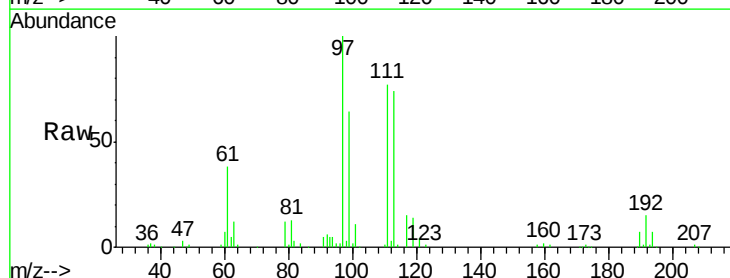
Tgt Ion: 97 Resp: 102047

Ion Ratio Lower Upper

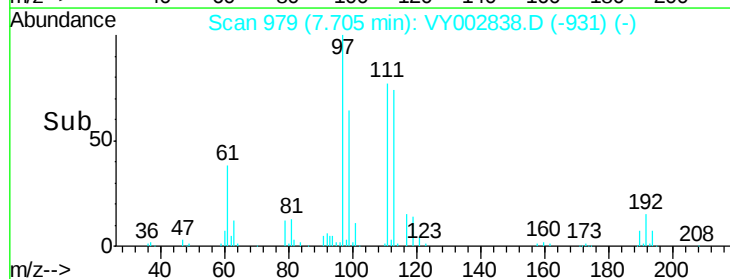
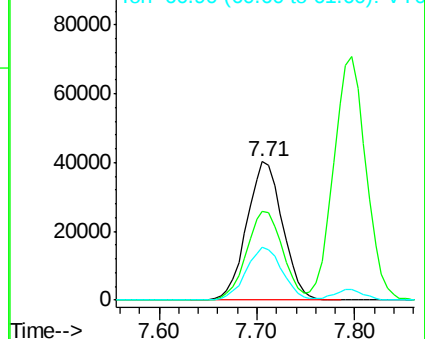
97 100

99 64.7 51.4 77.0

61 38.6 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

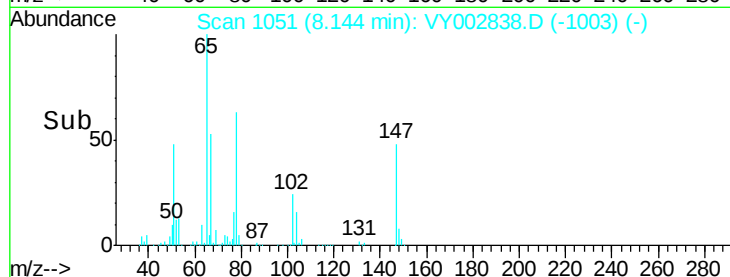
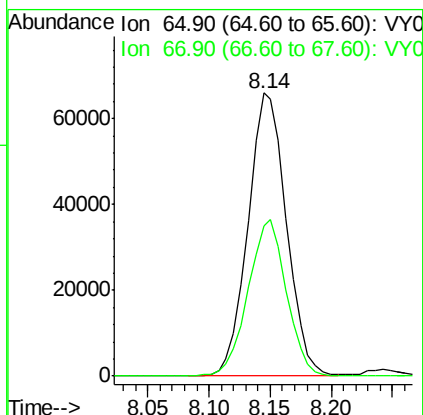
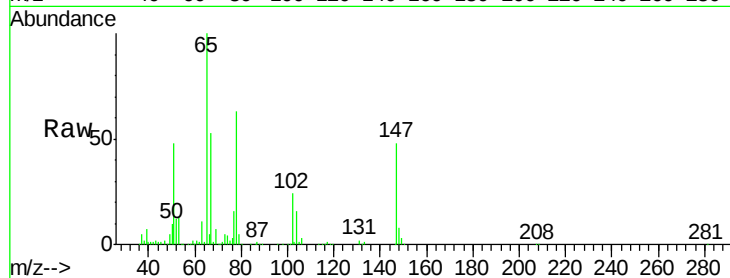




#33
 1,2-Dichloroethane-d4
 Concen: 49.364 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

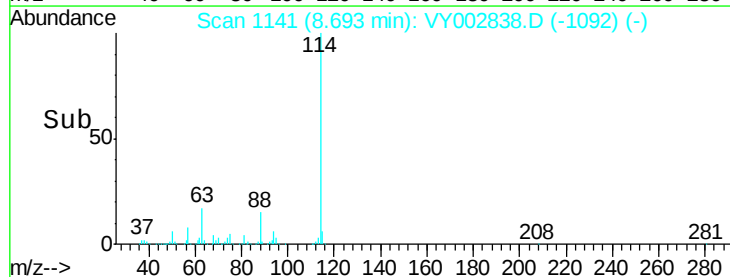
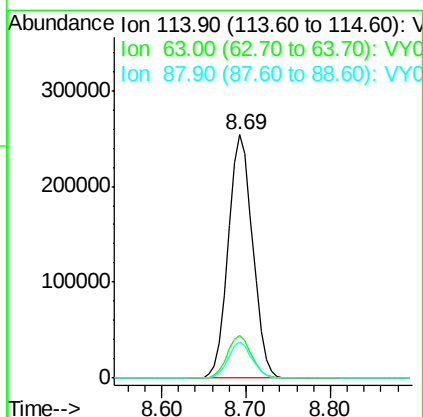
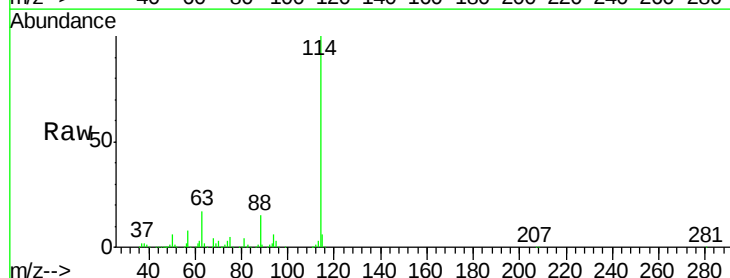
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

Tot Ion: 65 Resp: 144092
 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: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 114 Resp: 499289
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.6 0.0 29.2

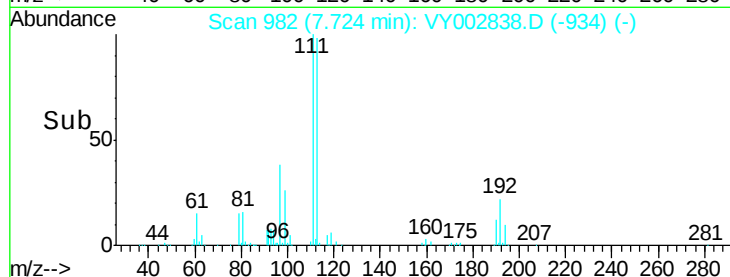
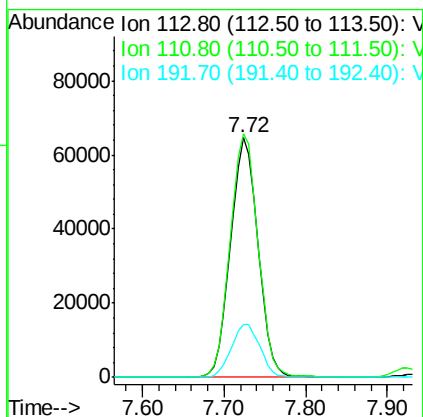
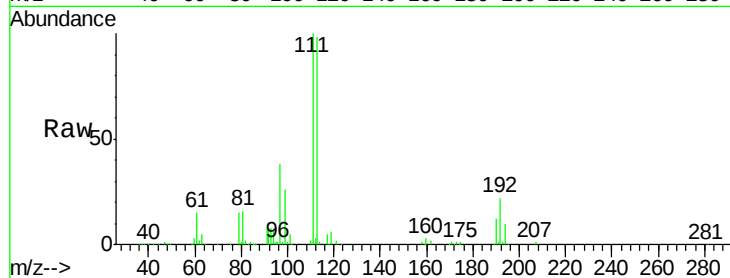




#35
 Dibromofluoromethane
 Concen: 51.281 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

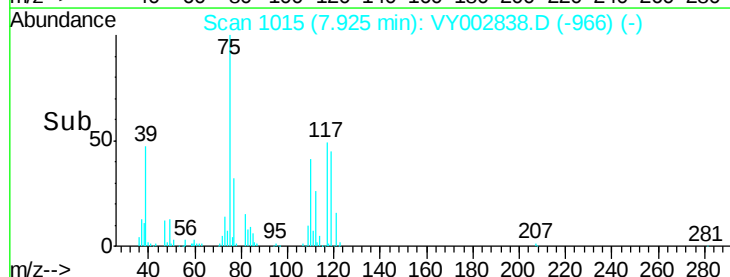
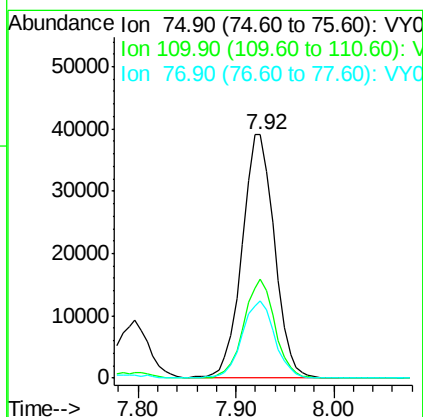
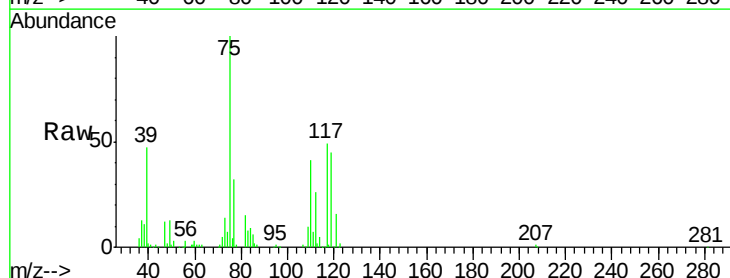
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

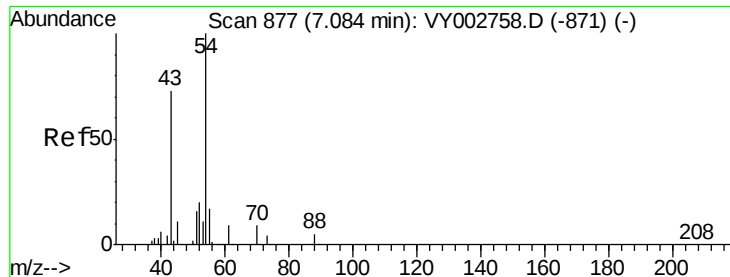
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.0	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.428 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.3	57.9
77	31.6	24.8	37.2

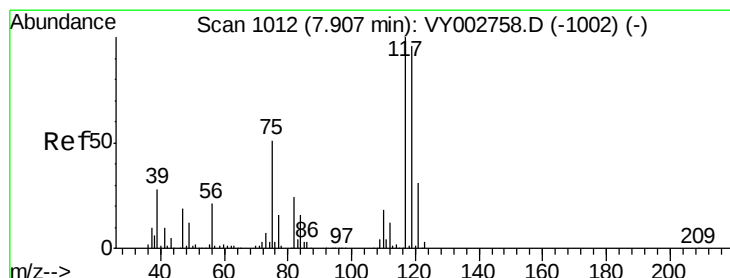
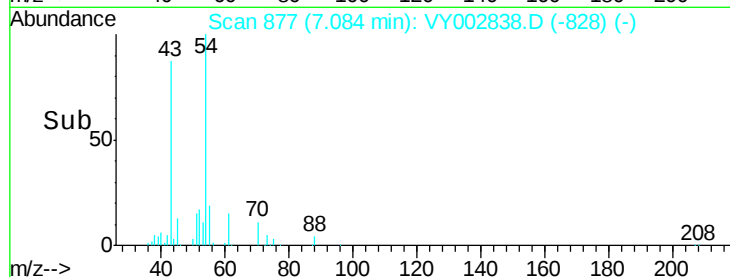
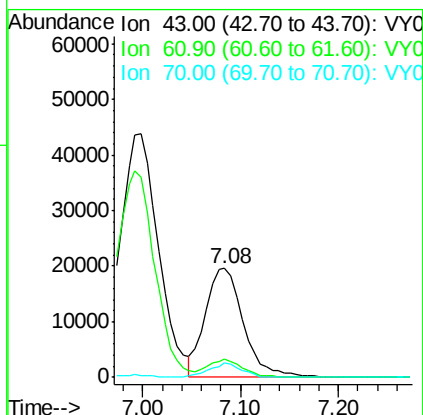
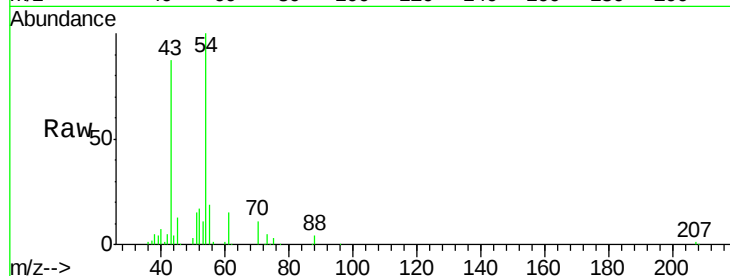




#37
Ethyl Acetate
Concen: 22.920 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

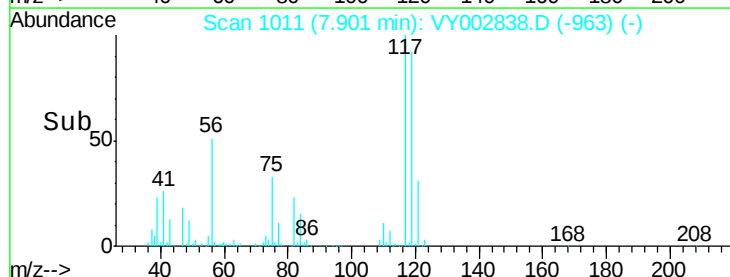
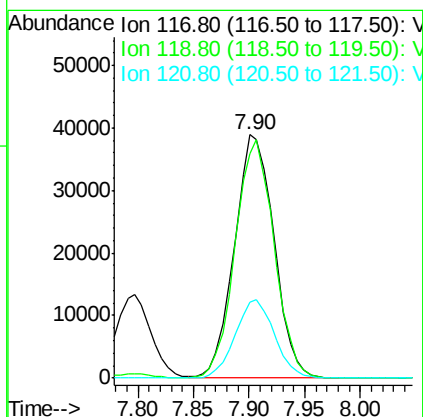
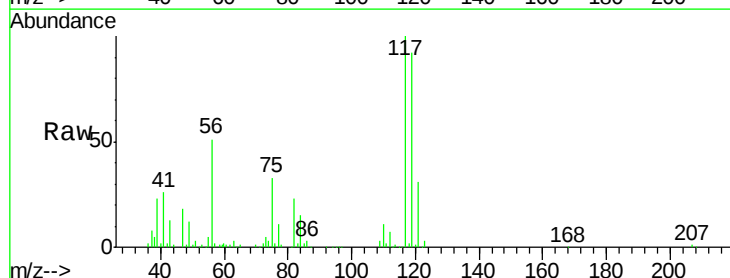
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

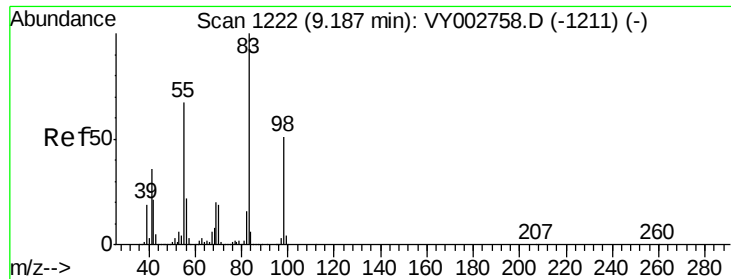
Tot Ion: 43 Resp: 52448
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.605 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 117 Resp: 96272
Ion Ratio Lower Upper
117 100
119 92.2 76.8 115.2
121 31.2 24.8 37.2

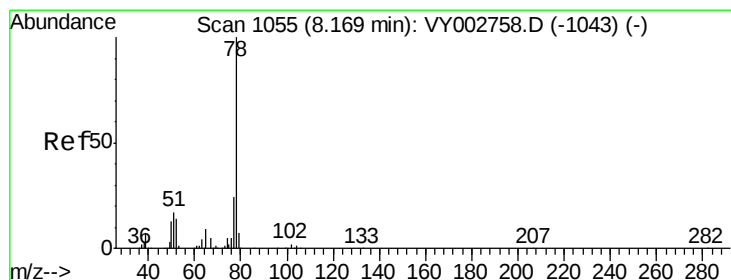
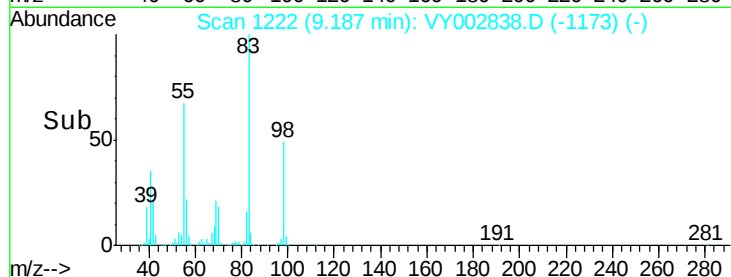
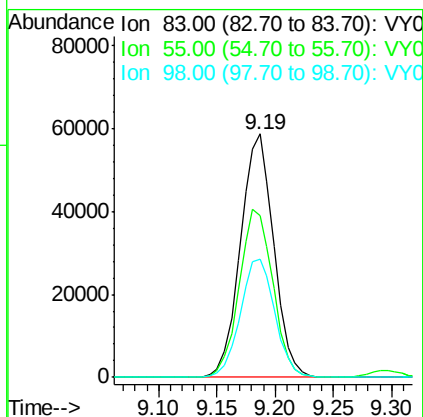
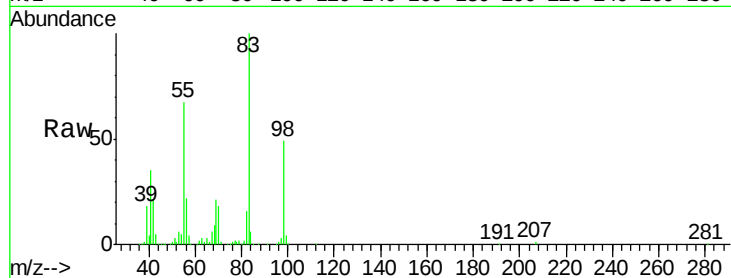




#39
Methvlcvclohexane
Concen: 21.063 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

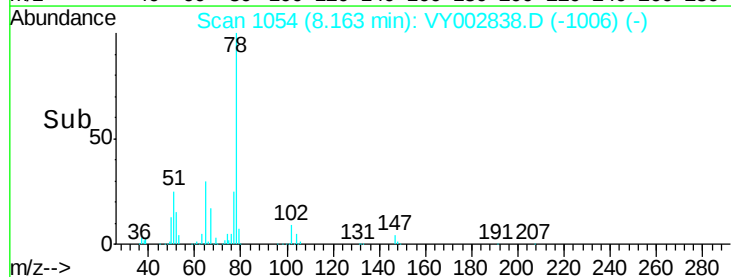
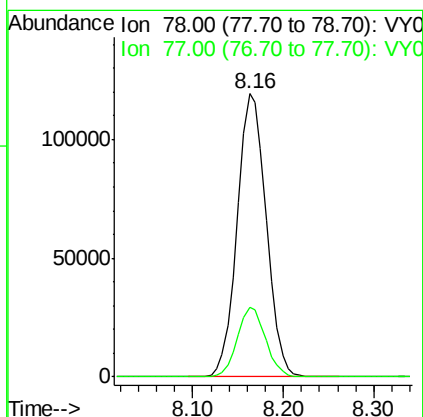
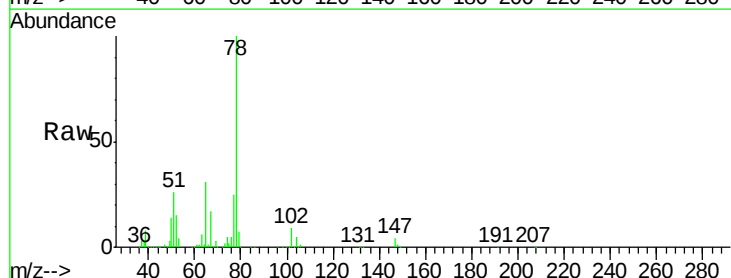
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

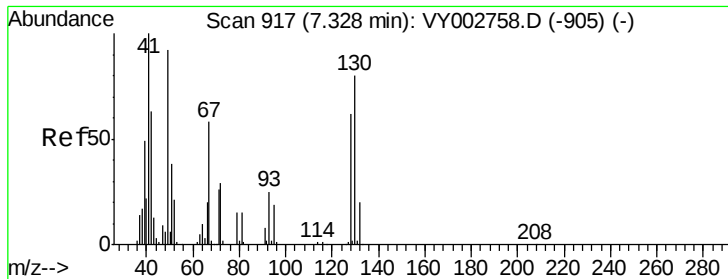
Tot Ion: 83 Resp: 116767
Ion Ratio Lower Upper
83 100
55 66.6 53.3 79.9
98 48.8 41.1 61.7



#40
Benzene
Concen: 21.378 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 78 Resp: 265680
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2

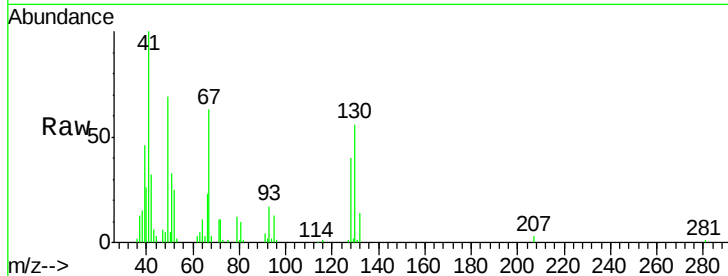




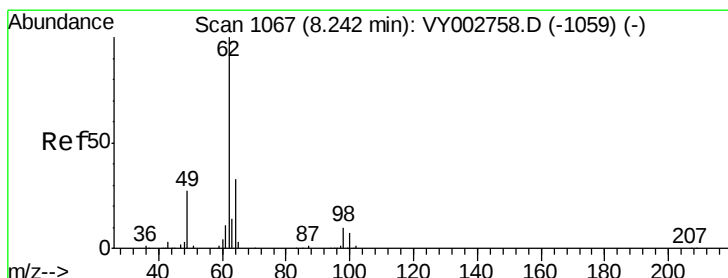
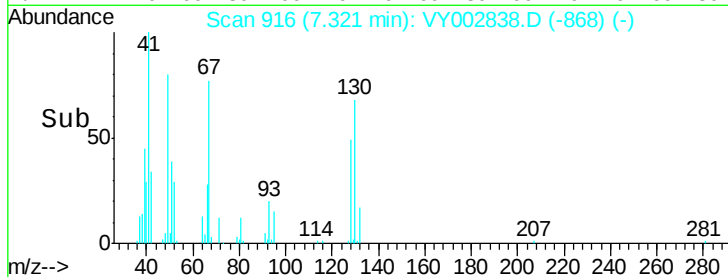
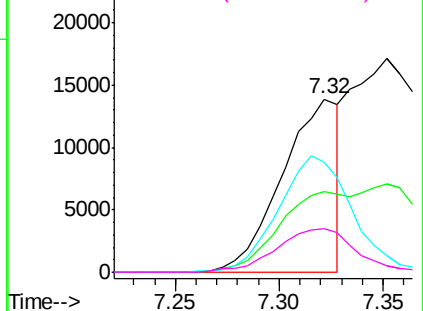
#41
Methacrylonitrile
Concen: 21.537 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

Tot Ion:	41	Resp:	26476
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

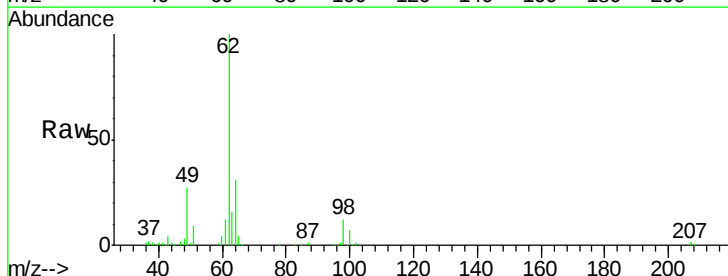


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

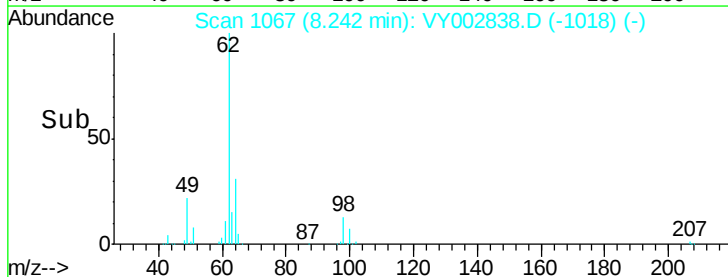
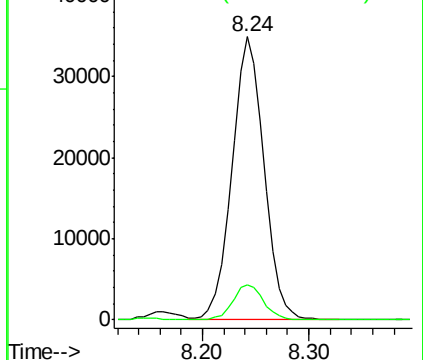


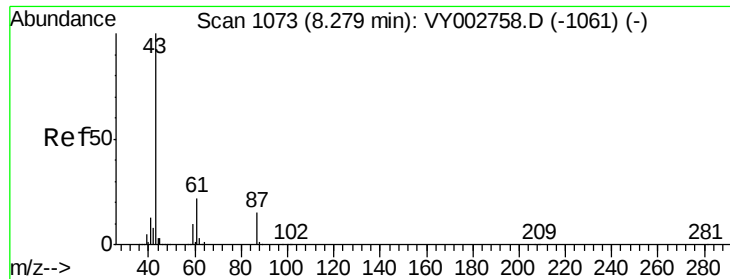
#42
1,2-Dichloroethane
Concen: 21.118 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion:	62	Resp:	73550
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 22.417 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

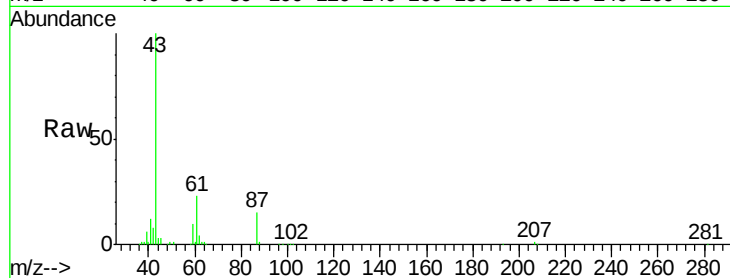
Tot Ion: 43 Resp: 97208

Ion Ratio Lower Upper

43 100

61 30.8 24.8 37.2

87 14.9 12.4 18.6

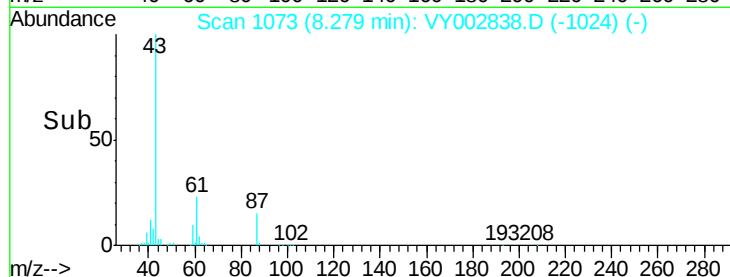


Abundance Ion 43.00 (42.70 to 43.70): VY002838.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002838.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002838.D (-1073) (-)

Time-->



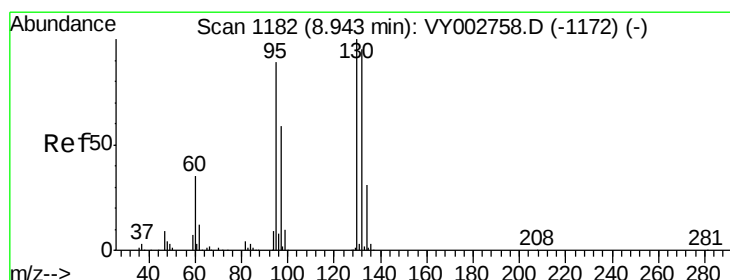
Abundance

Ion 43.00 (42.70 to 43.70): VY002838.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002838.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002838.D (-1073) (-)

Time-->



#44

Trichloroethene

Concen: 21.187 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002838.D

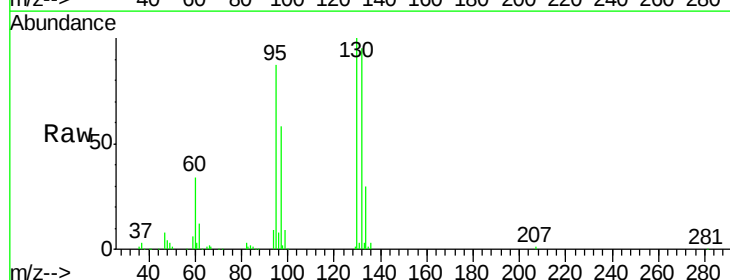
Acq: 04 Jun 2020 13:29

Tgt Ion: 130 Resp: 83171

Ion Ratio Lower Upper

130 100

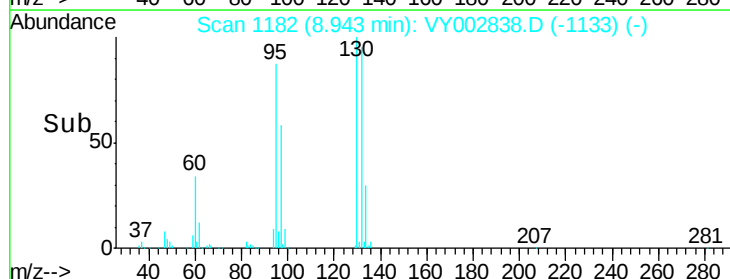
95 87.3 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002838.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002838.D (-1182) (-)

Time-->

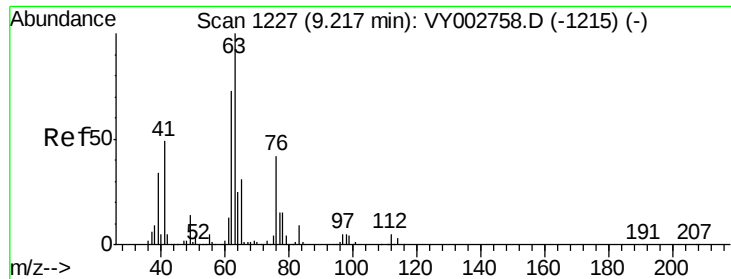


Abundance

Ion 129.80 (129.50 to 130.50): VY002838.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002838.D (-1182) (-)

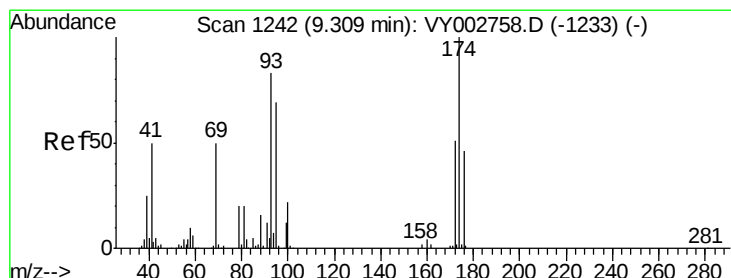
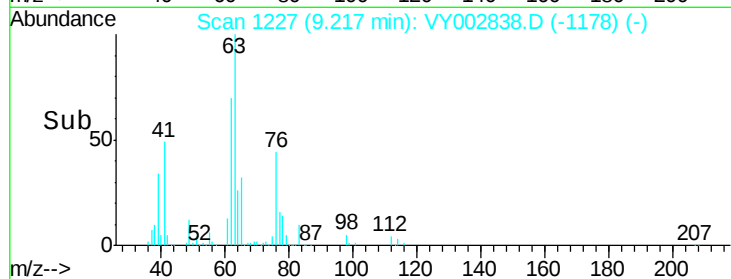
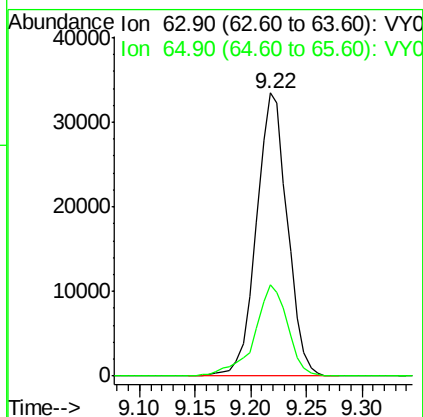
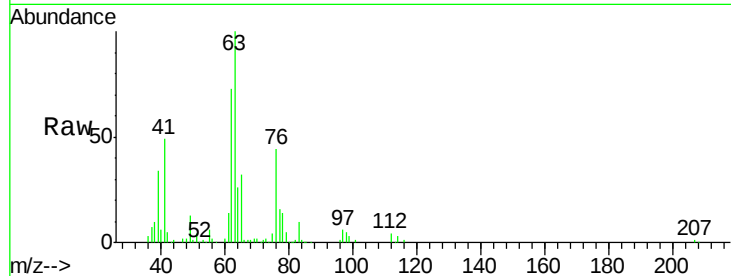
Time-->



#45
 1,2-Dichloropropane
 Concen: 21.748 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

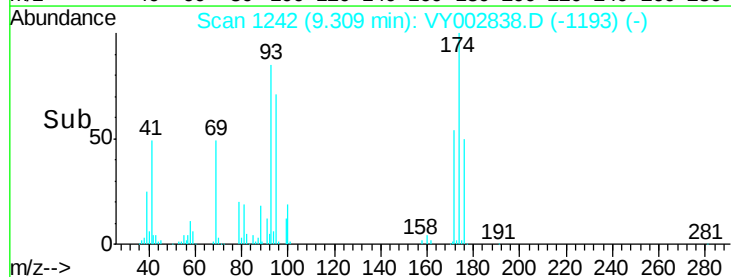
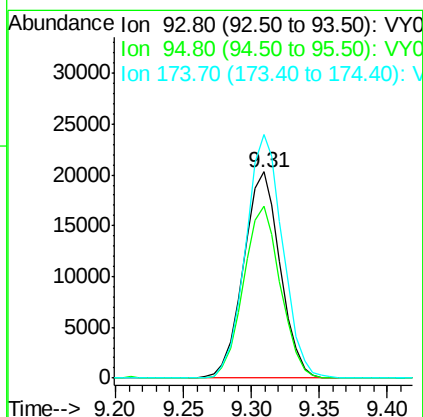
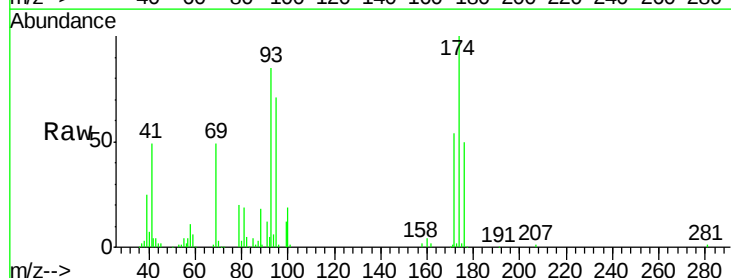
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Tot Ion: 63 Resp: 64815
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.8 37.2



#46
 Dibromomethane
 Concen: 21.619 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 93 Resp: 38265
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.9 100.3
 174 119.2 97.7 146.5





#47

Bromodichloromethane

Concen: 21.556 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

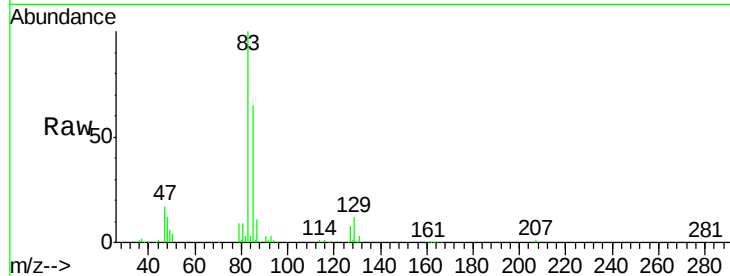
Tot Ion: 83 Resp: 89945

Ion Ratio Lower Upper

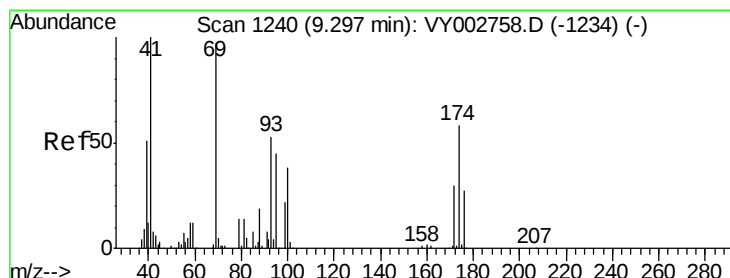
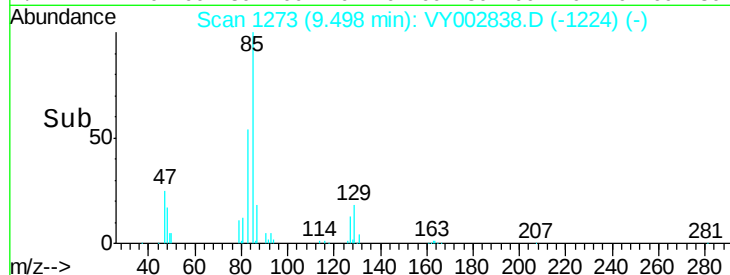
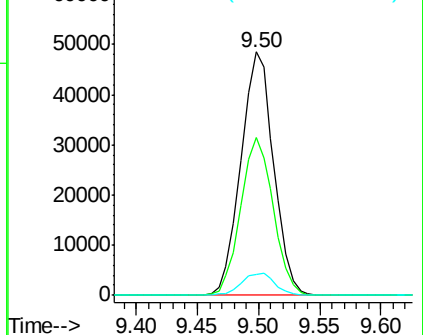
83 100

85 64.9 51.9 77.9

127 8.5 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: 21.687 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

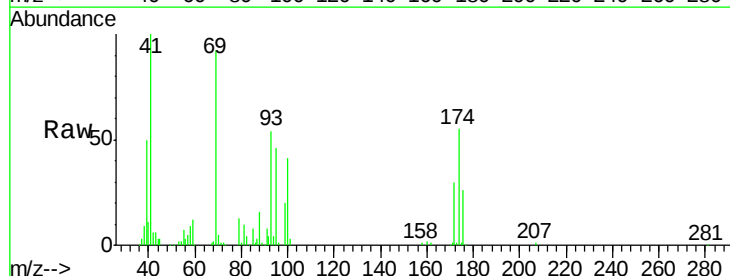
Tgt Ion: 41 Resp: 42453

Ion Ratio Lower Upper

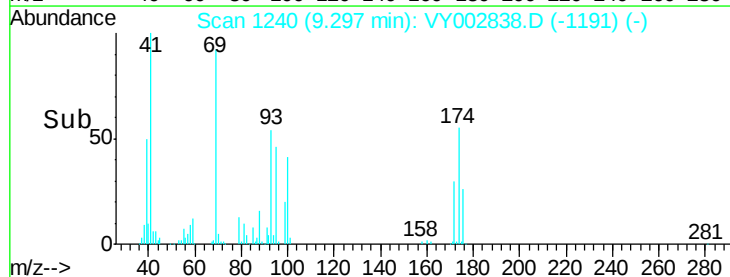
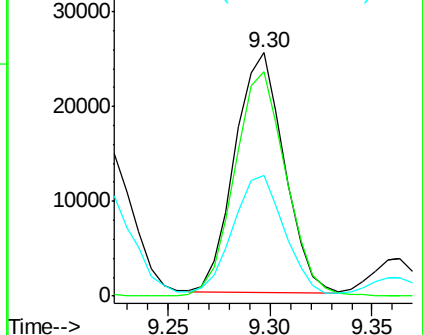
41 100

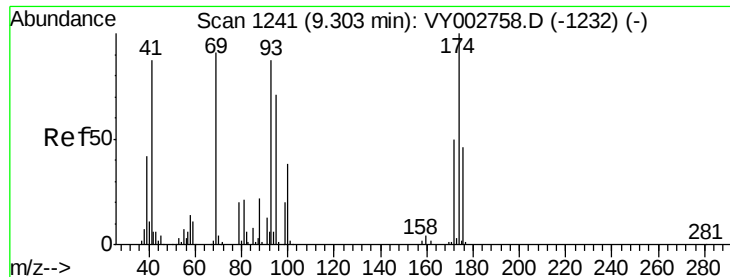
69 97.7 79.7 119.5

39 53.7 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

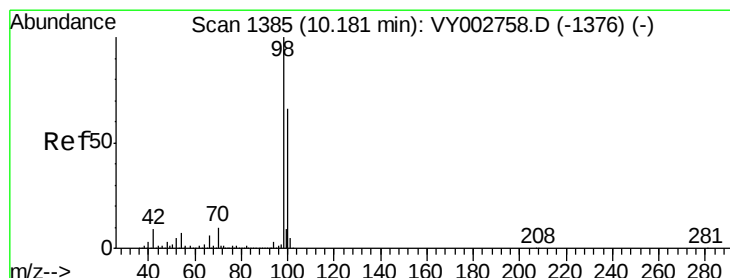
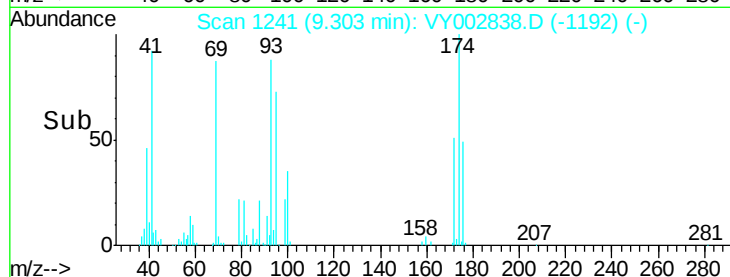
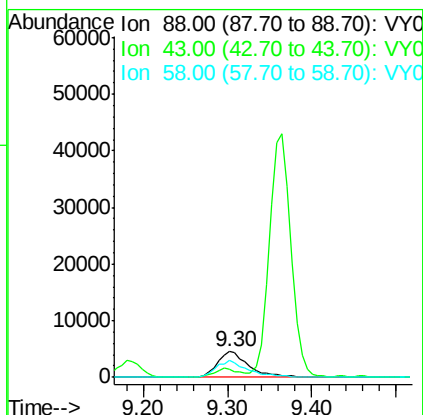
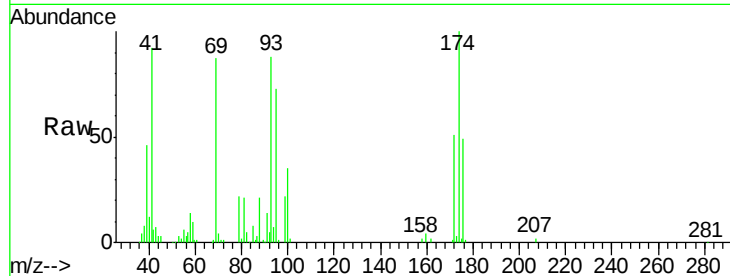




#49
1,4-Dioxane
Concen: 431.655 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

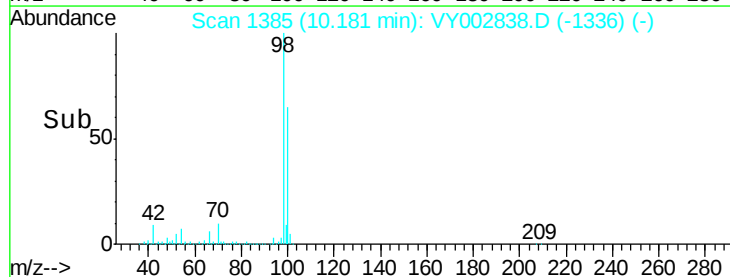
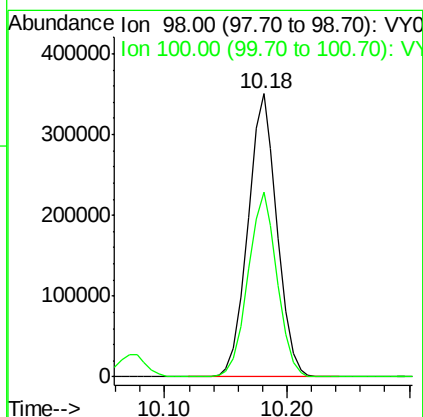
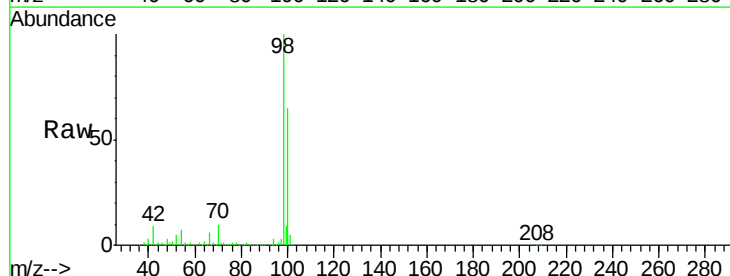
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

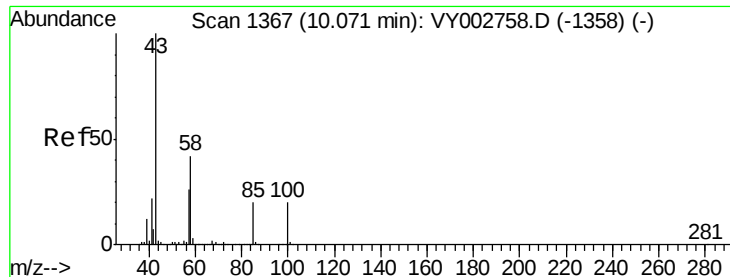
Tot Ion: 88 Resp: 11731
Ion Ratio Lower Upper
88 100
43 28.7 21.3 31.9
58 69.1 52.2 78.2



#50
Toluene-d8
Concen: 48.819 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 98 Resp: 577570
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 112.192 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

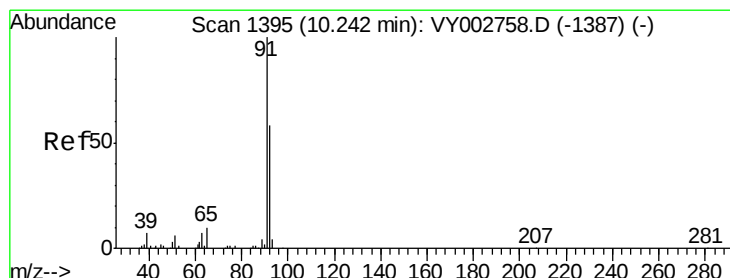
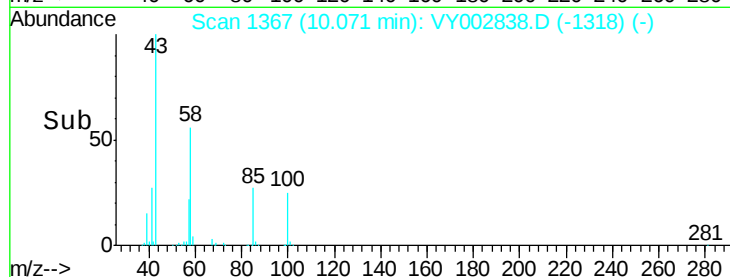
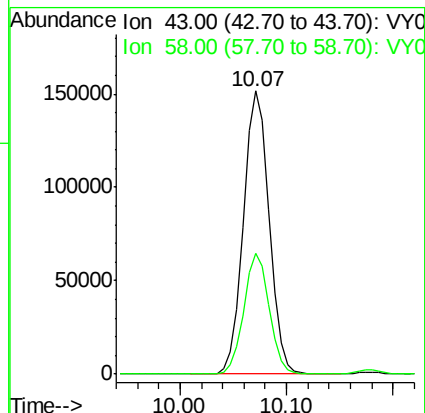
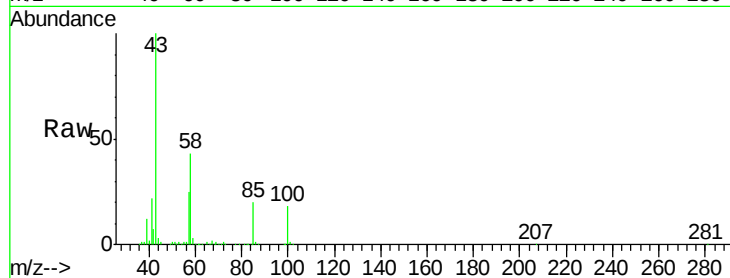
VY0604SBS01

Tot Ion: 43 Resp: 257617

Ion Ratio Lower Upper

43 100

58 42.0 34.2 51.2



#52

Toluene

Concen: 20.977 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002838.D

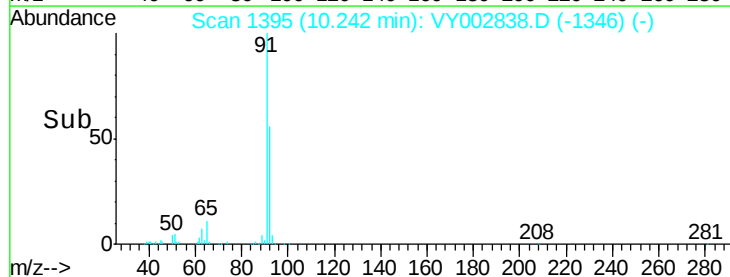
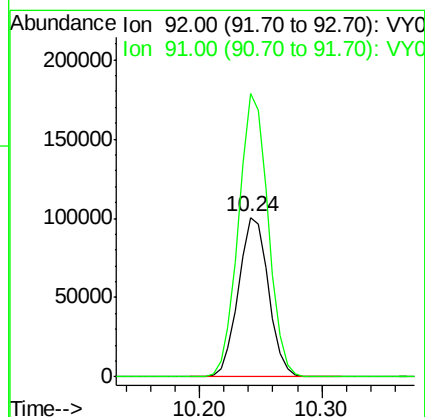
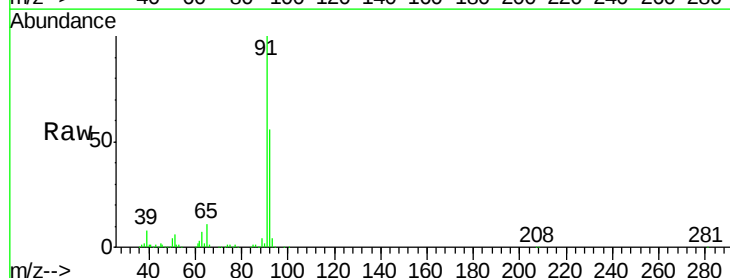
Acq: 04 Jun 2020 13:29

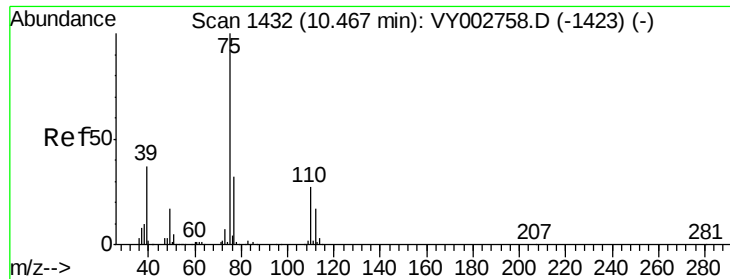
Tgt Ion: 92 Resp: 170541

Ion Ratio Lower Upper

92 100

91 175.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.416 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

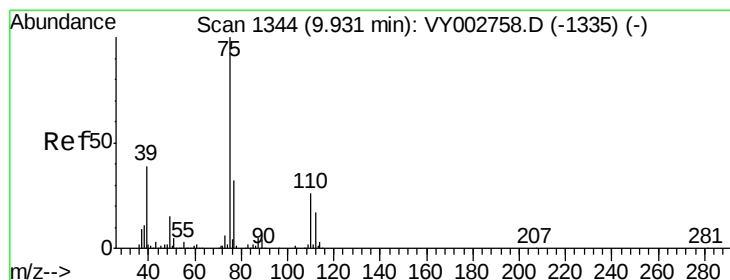
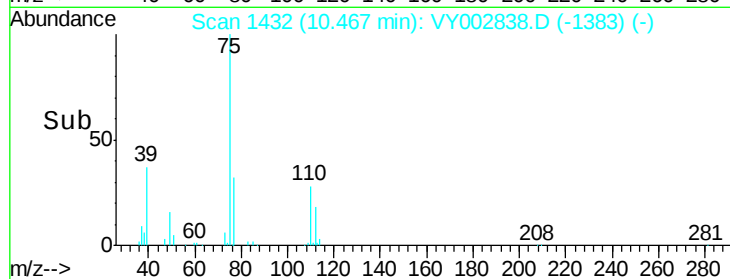
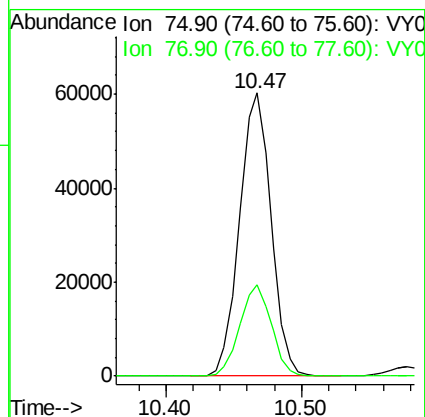
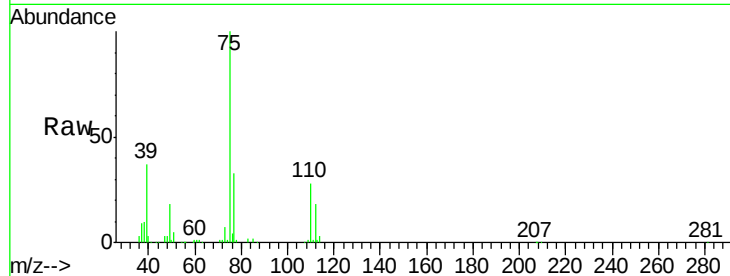
VY0604SBSD01

Tot Ion: 75 Resp: 97604

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.418 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

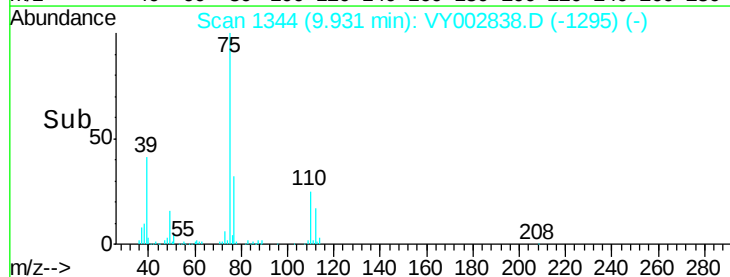
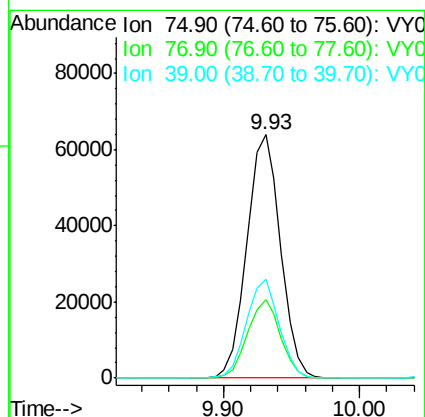
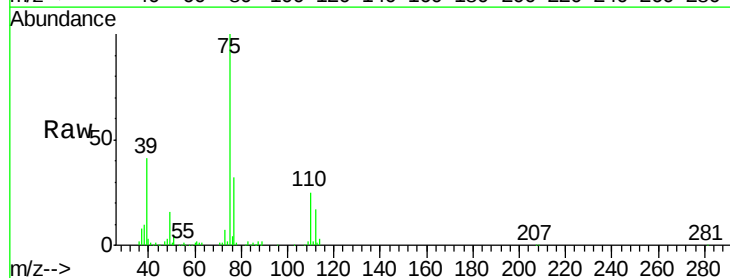
Tgt Ion: 75 Resp: 110607

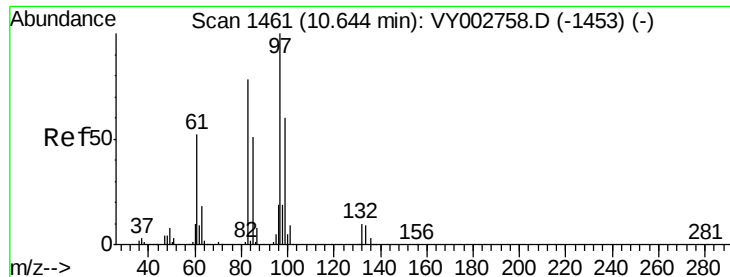
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 40.9 31.3 46.9

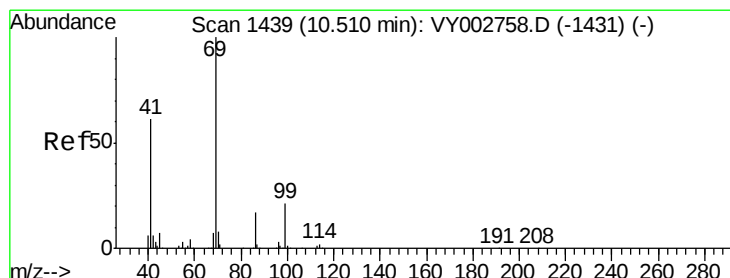
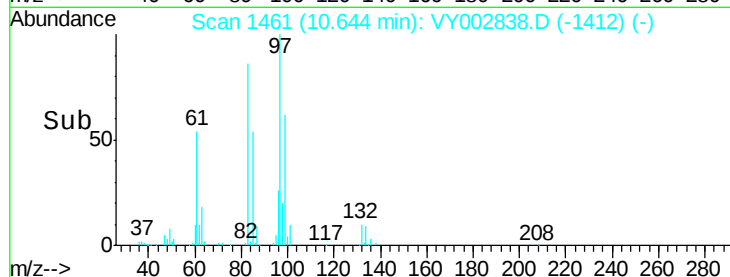
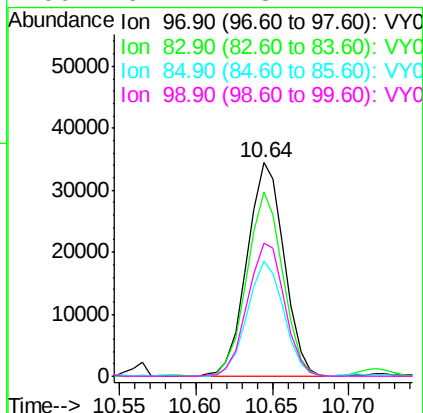
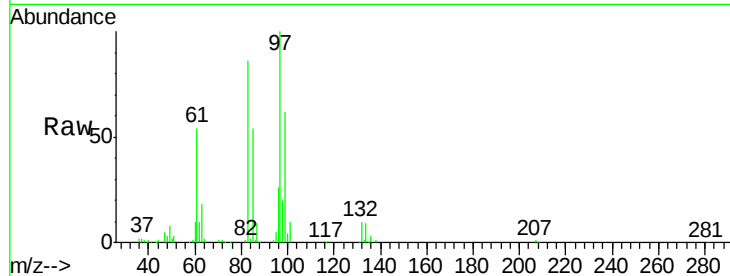




#55
 1,1,2-Trichloroethane
 Concen: 21.469 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

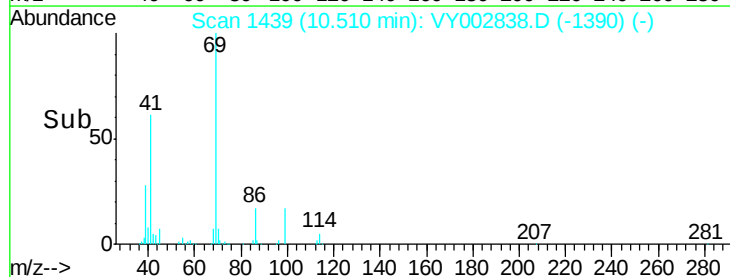
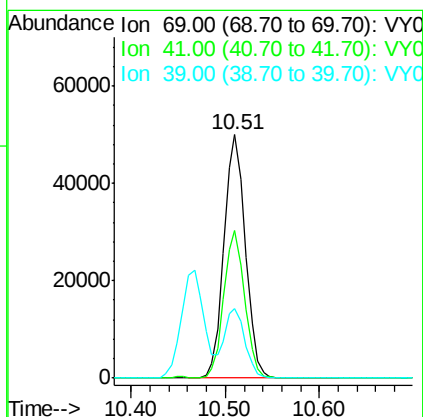
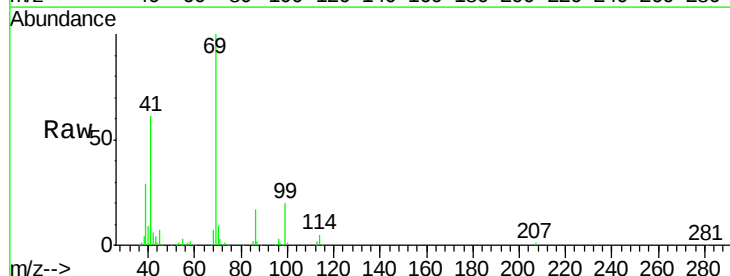
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

Tot Ion:	97	Resp:	58174
Ion	Ratio	Lower	Upper
97	100		
83	86.1	62.7	94.1
85	53.6	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.691 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion:	69	Resp:	78726
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.0	70.4
39	26.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.653 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

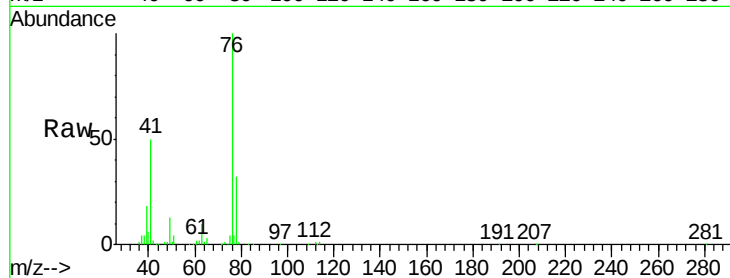
VY0604SBS01

Tot Ion: 76 Resp: 96504

Ion Ratio Lower Upper

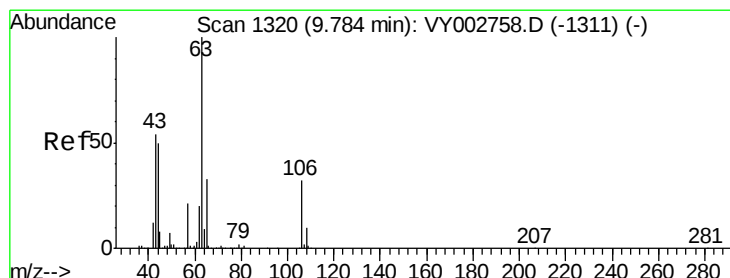
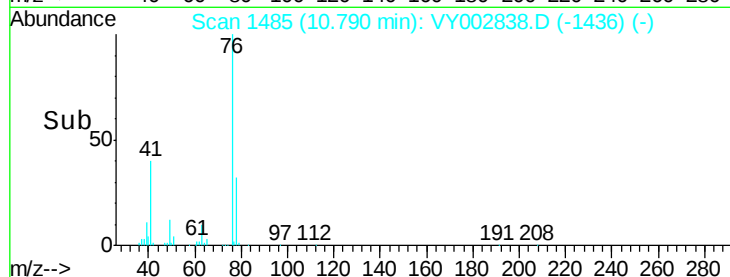
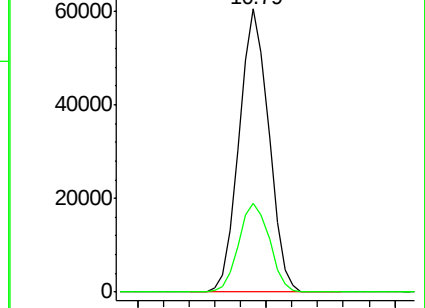
76 100

78 32.6 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: 106.630 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002838.D

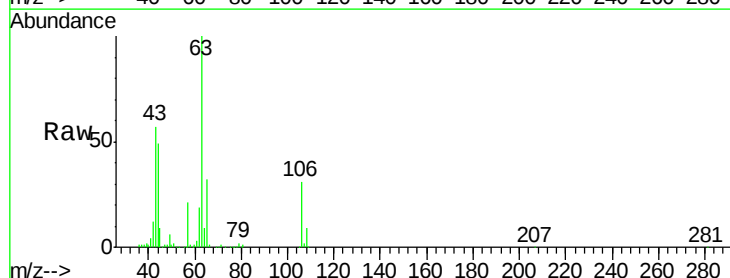
Acq: 04 Jun 2020 13:29

Tgt Ion: 63 Resp: 189102

Ion Ratio Lower Upper

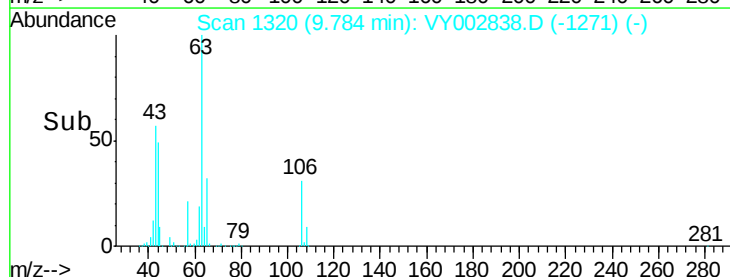
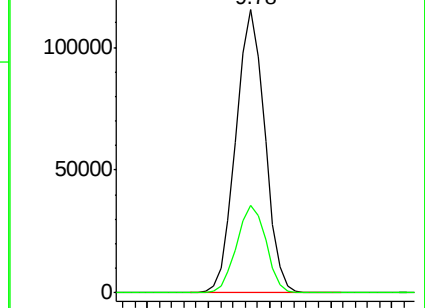
63 100

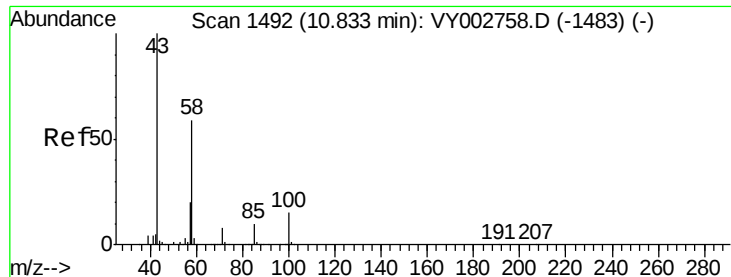
106 31.2 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

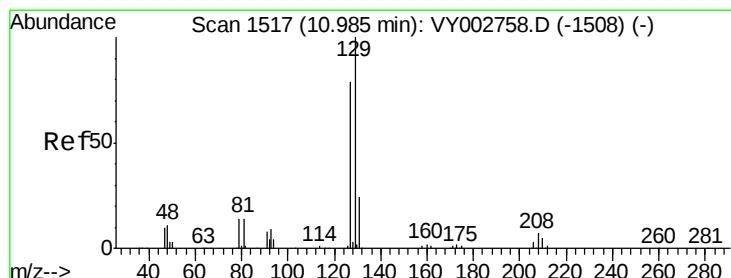
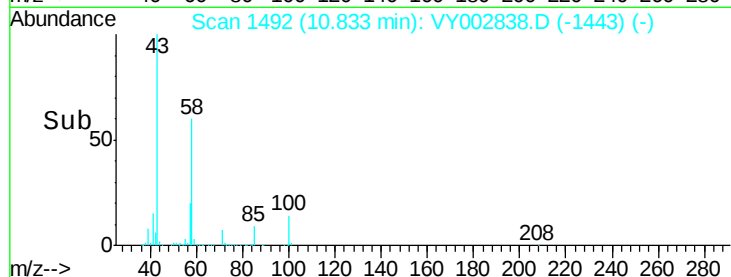
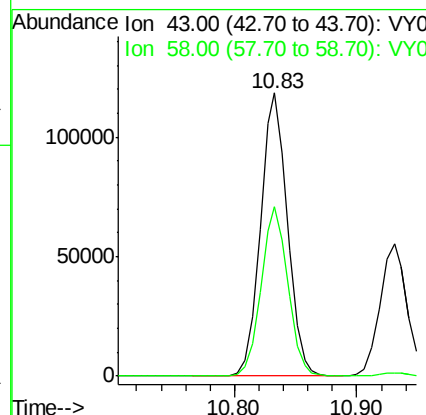
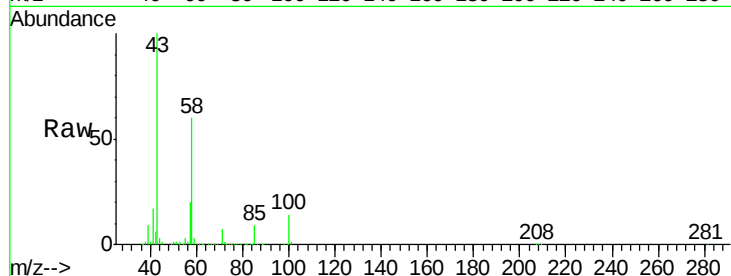




#59
2-Hexanone
Concen: 111.696 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

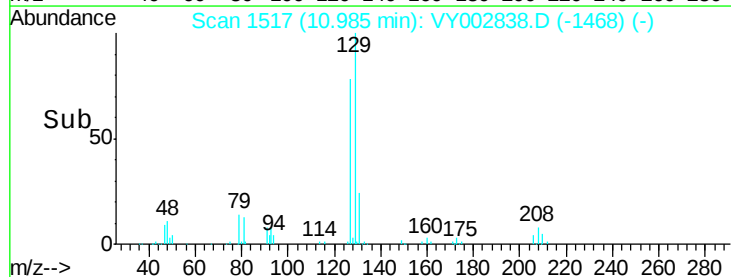
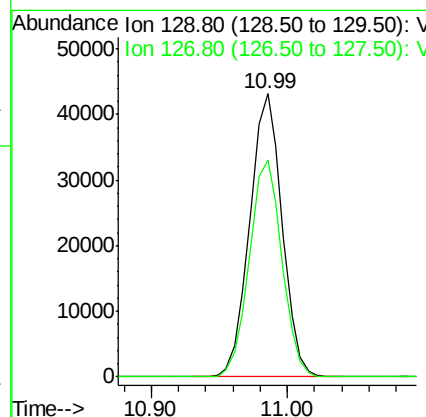
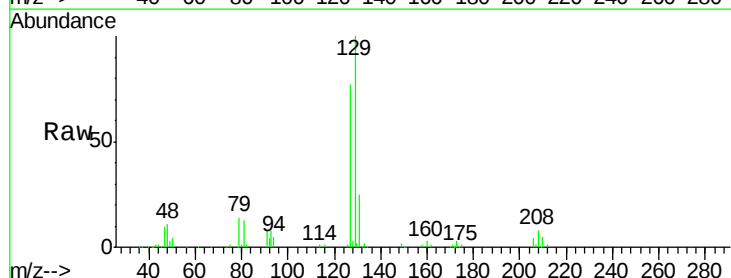
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

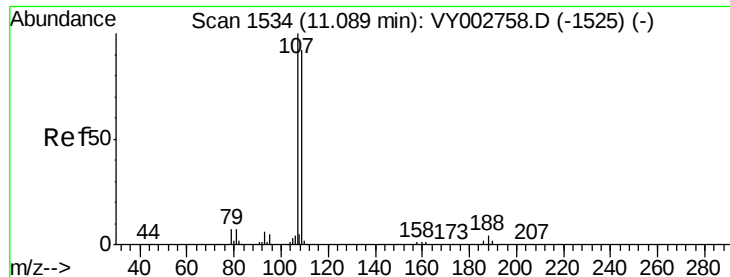
Tot Ion: 43 Resp: 181979
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 20.937 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 129 Resp: 71928
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.767 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

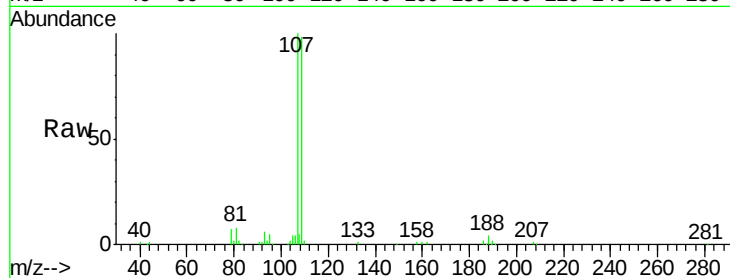
VY0604SBS01

Tot Ion:107 Resp: 58182

Ion Ratio Lower Upper

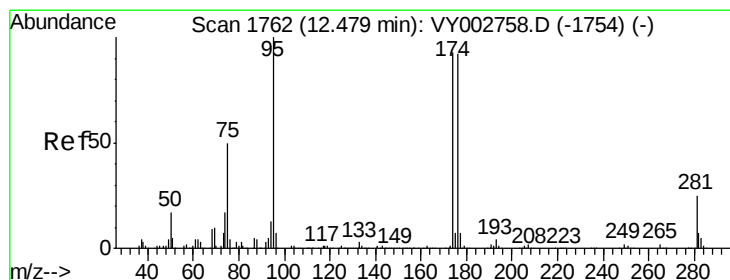
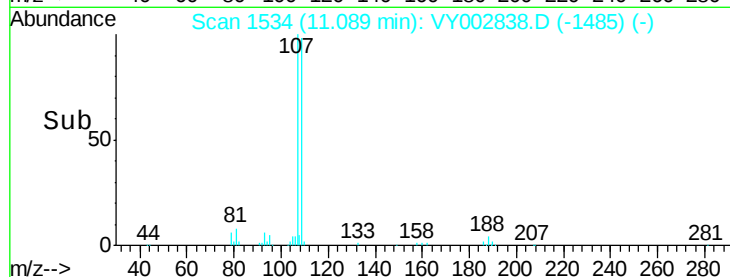
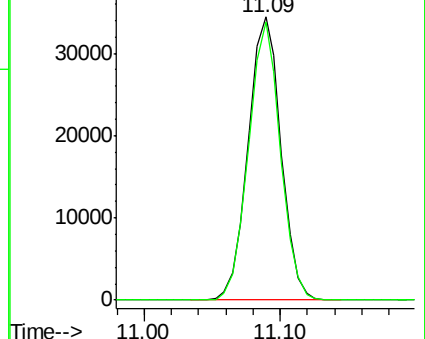
107 100

109 95.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.444 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

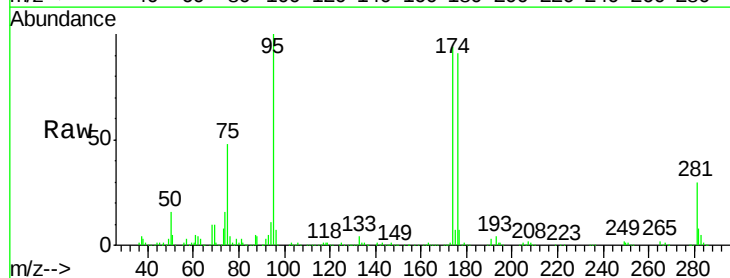
Tgt Ion: 95 Resp: 203956

Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.2

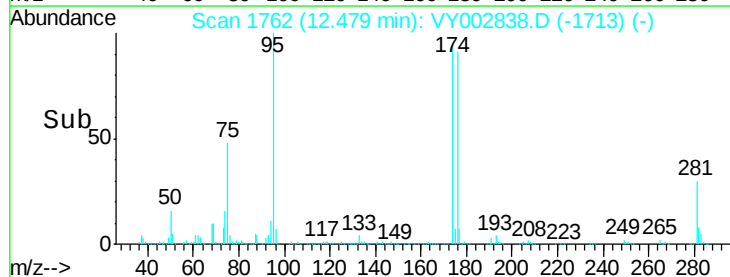
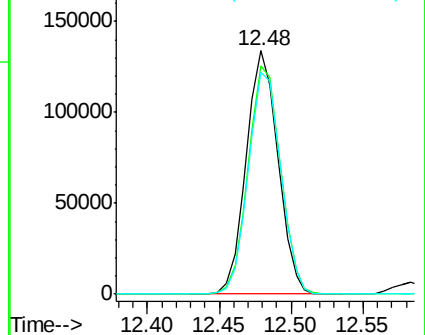
176 92.9 0.0 188.8

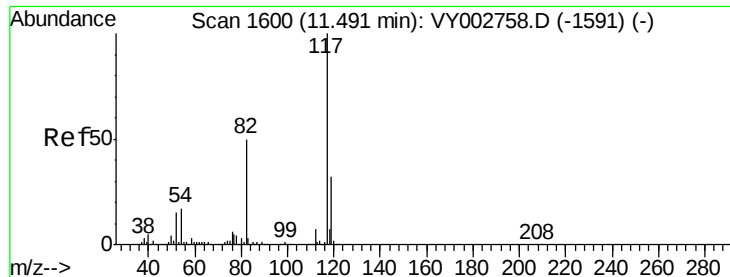


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

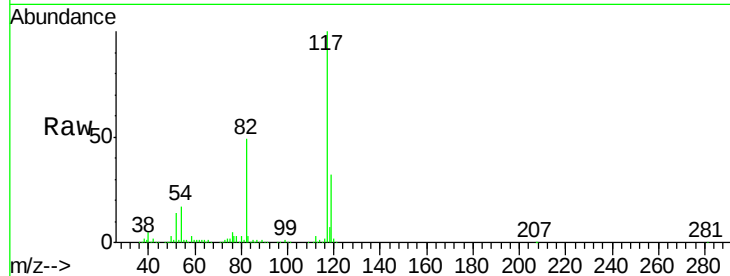




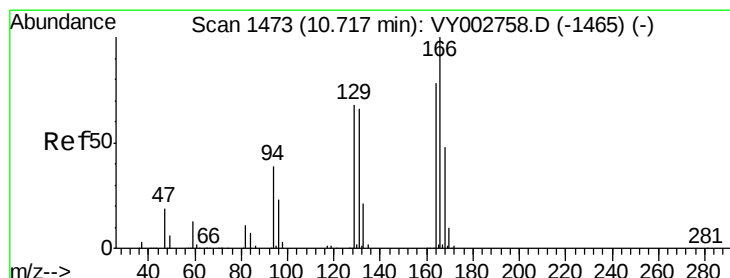
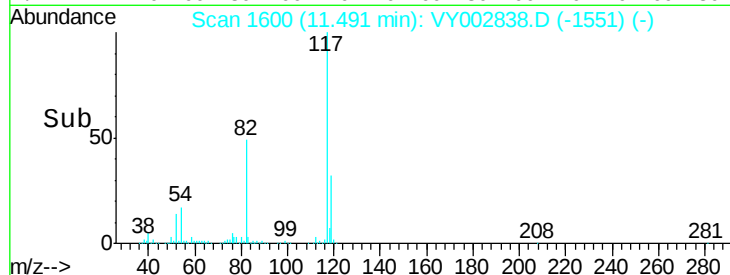
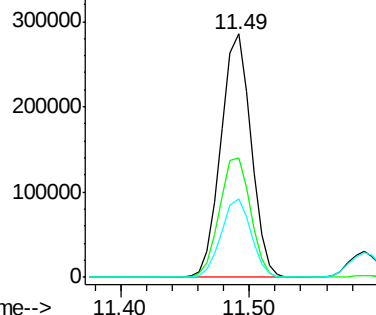
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Tot Ion:117 Resp: 460223
Ion Ratio Lower Upper
117 100
82 49.2 40.2 60.4
119 32.3 25.8 38.8

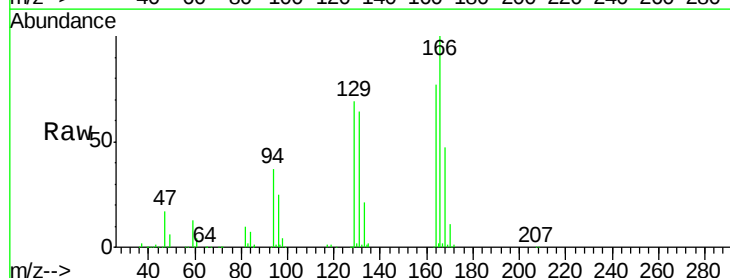


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

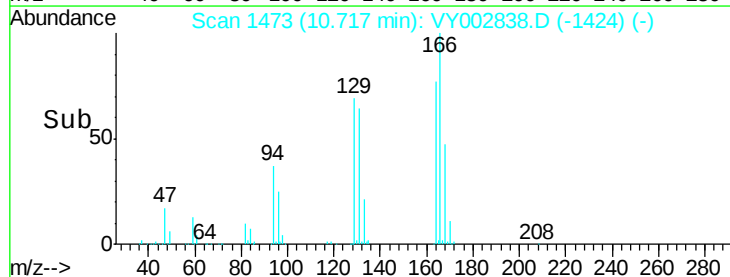
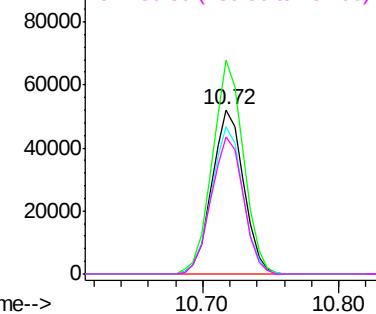


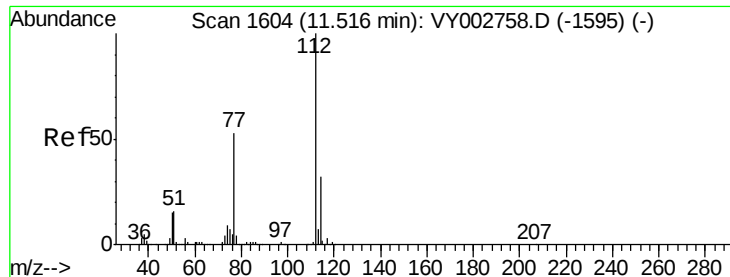
#64
Tetrachloroethene
Concen: 20.237 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion:164 Resp: 84647
Ion Ratio Lower Upper
164 100
166 129.9 102.3 153.5
129 89.3 69.4 104.2
131 83.2 67.8 101.6



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





#65

Chlorobenzene

Concen: 21.349 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

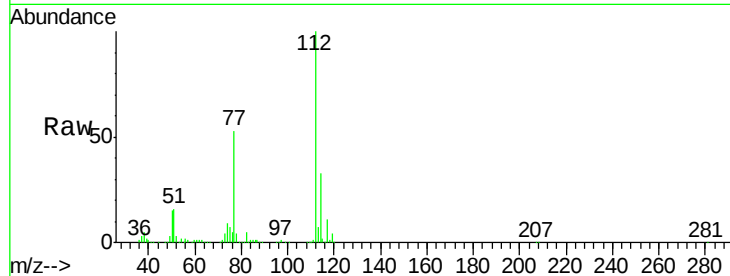
VY0604SBSD01

Tot Ion:112 Resp: 194198

Ion Ratio Lower Upper

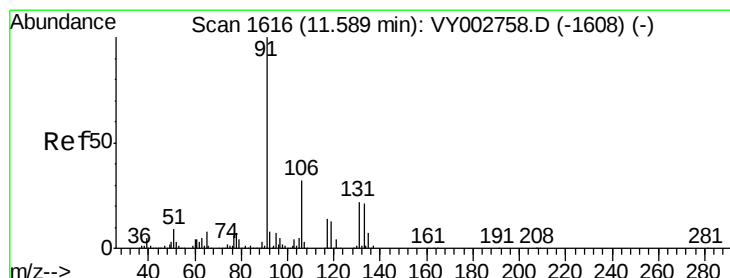
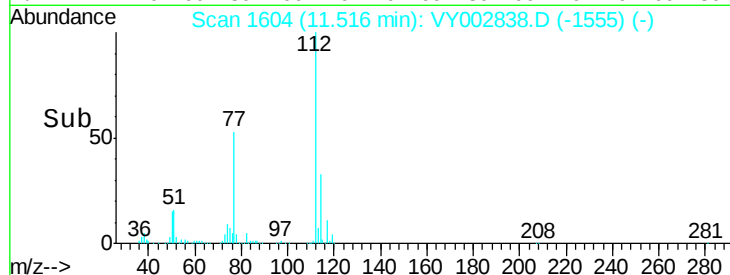
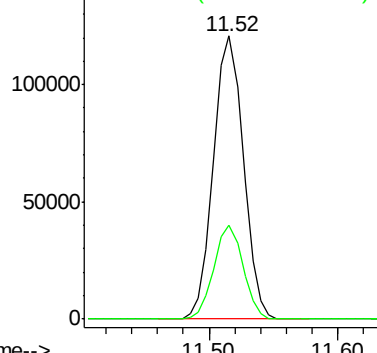
112 100

114 33.3 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: 21.338 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

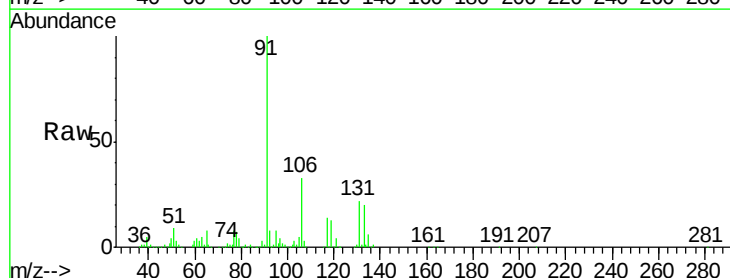
Tgt Ion:131 Resp: 73100

Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.8

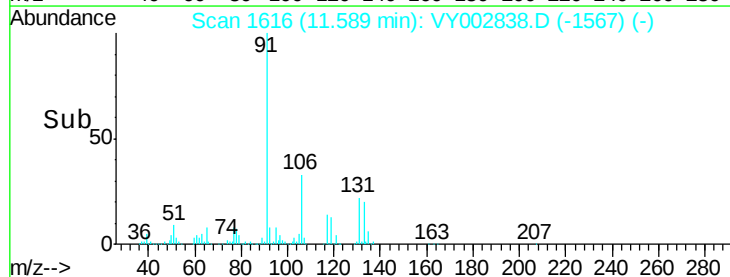
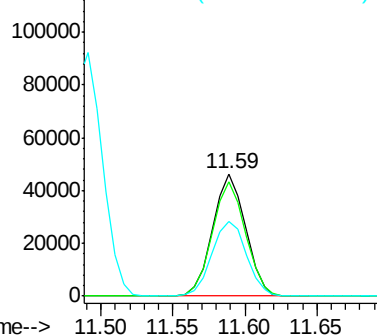
119 64.6 31.7 95.1



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

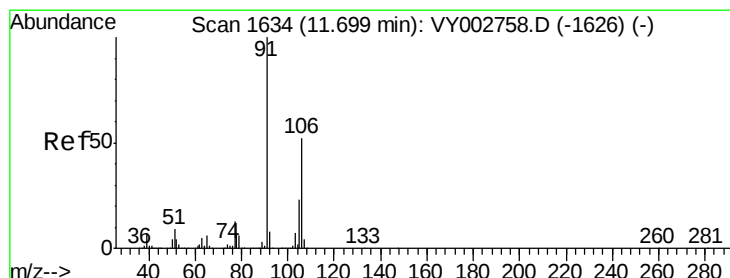
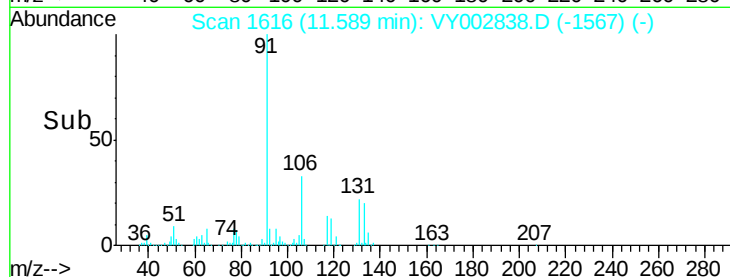
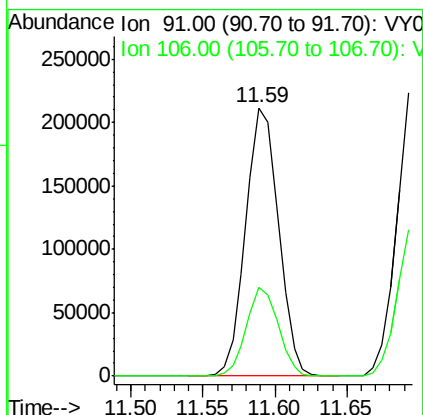
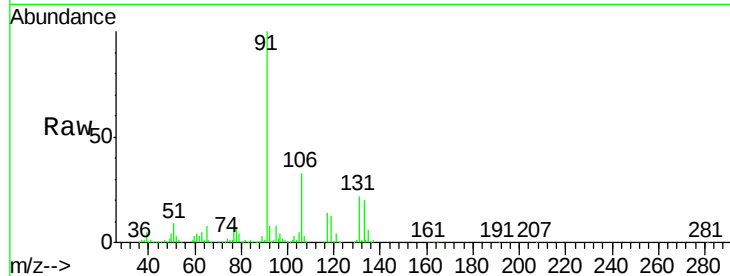




#67
Ethyl Benzene
Concen: 21.208 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

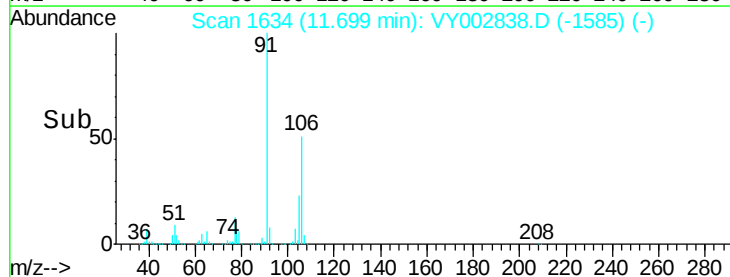
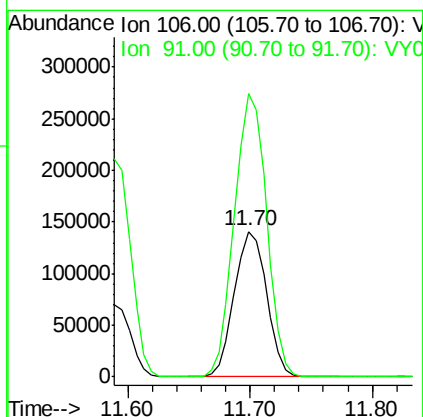
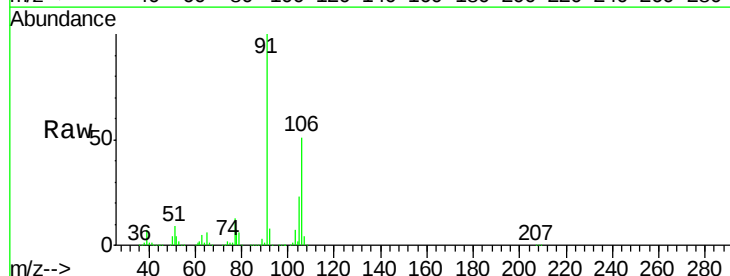
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

Tot Ion: 91 Resp: 334440
Ion Ratio Lower Upper
91 100
106 33.0 25.7 38.5



#68
m/p-Xylenes
Concen: 42.273 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 106 Resp: 258466
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0

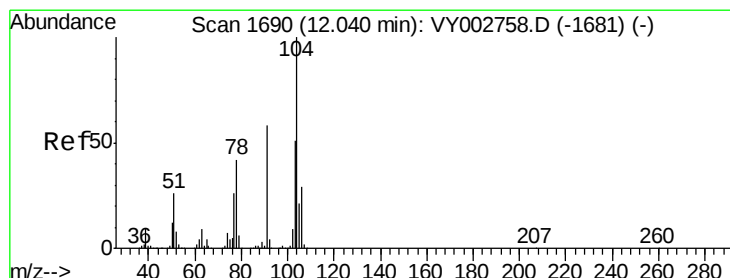
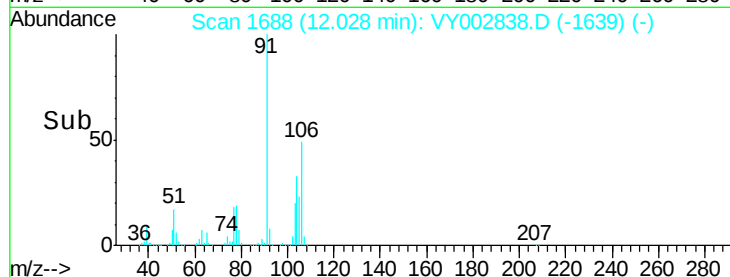
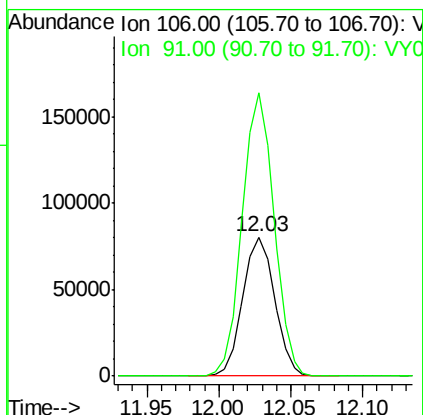
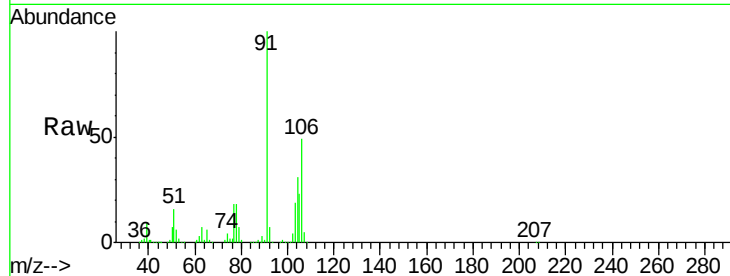




#69
o-Xylene
Concen: 21.452 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

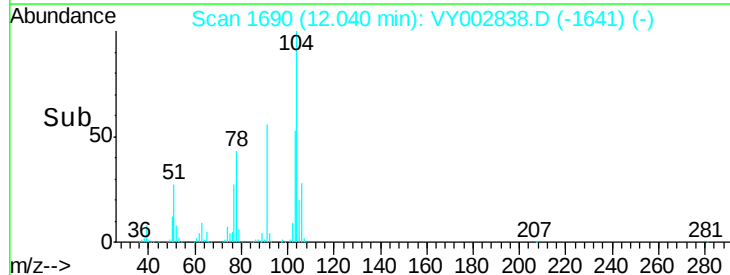
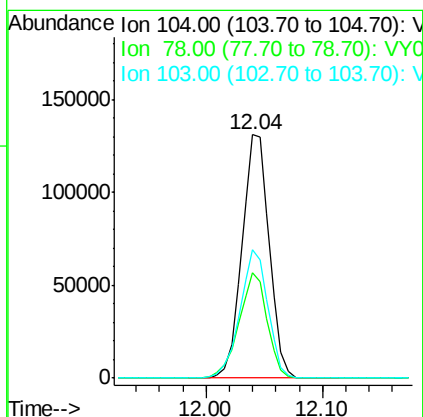
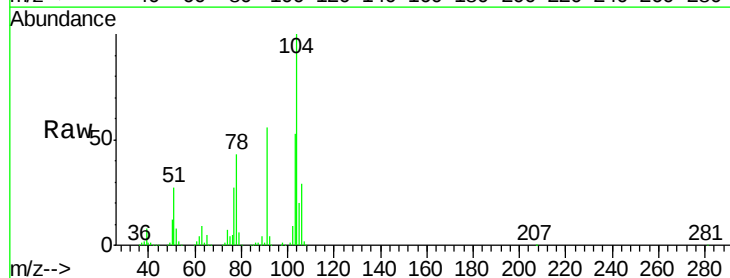
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

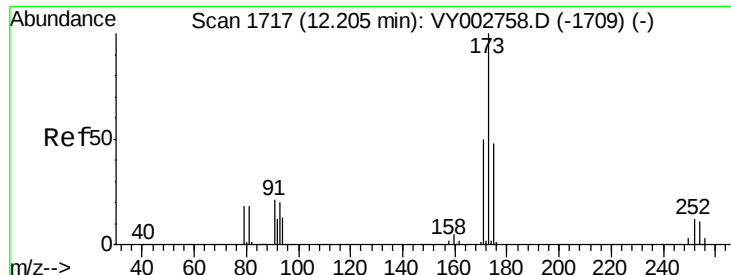
Tot Ion:106 Resp: 123818
Ion Ratio Lower Upper
106 100
91 202.4 102.4 307.1



#70
Styrene
Concen: 21.317 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion:104 Resp: 213297
Ion Ratio Lower Upper
104 100
78 44.8 36.2 54.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 21.656 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

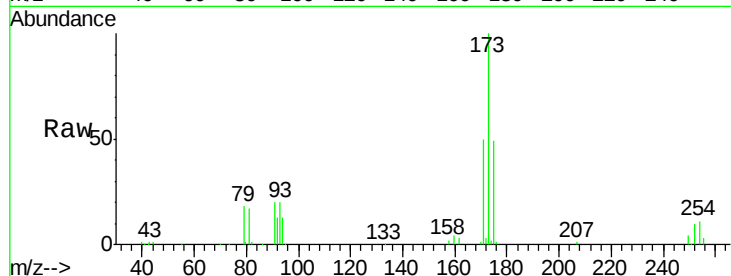
Tot Ion:173 Resp: 49644

Ion Ratio Lower Upper

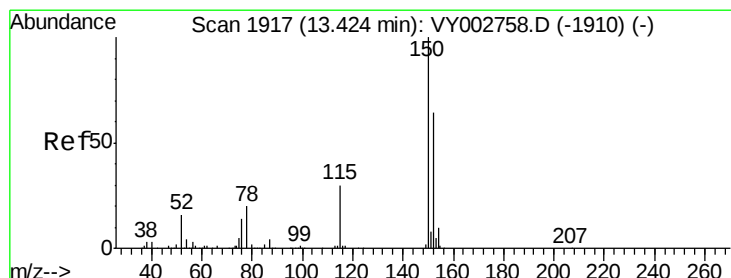
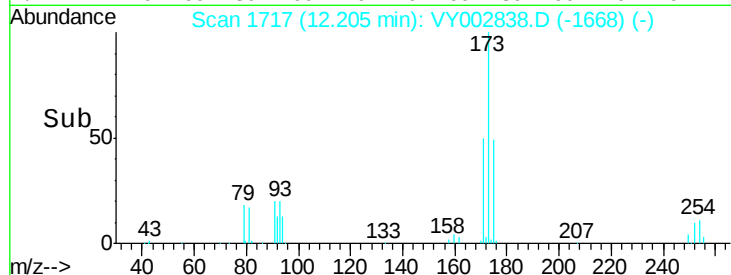
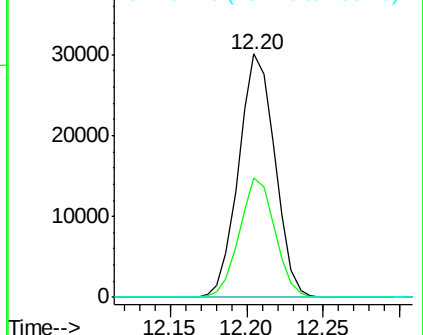
173 100

175 48.0 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: VY002838.D

Acq: 04 Jun 2020 13:29

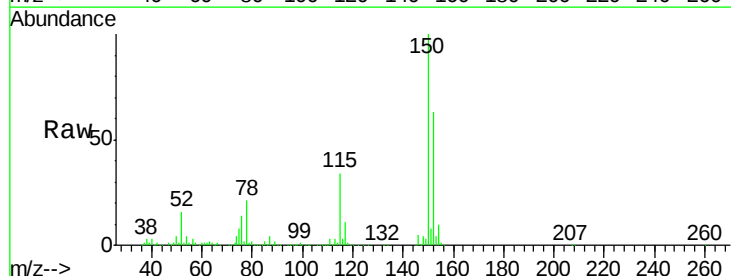
Tgt Ion:152 Resp: 246659

Ion Ratio Lower Upper

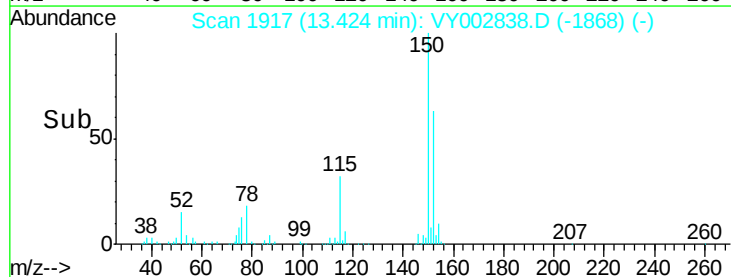
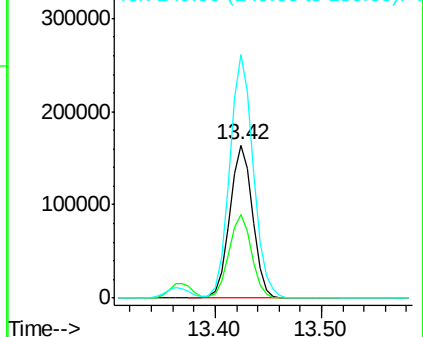
152 100

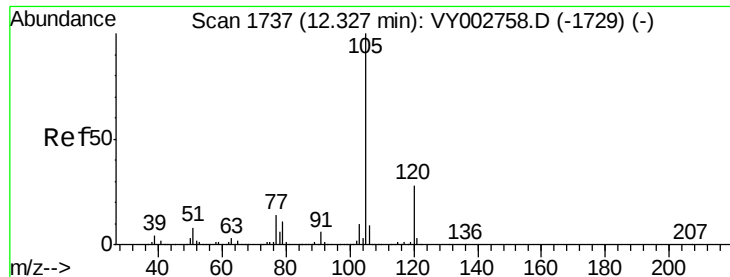
115 54.0 27.0 81.0

150 164.2 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.060 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

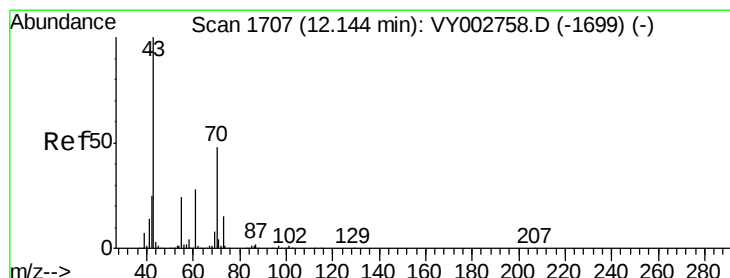
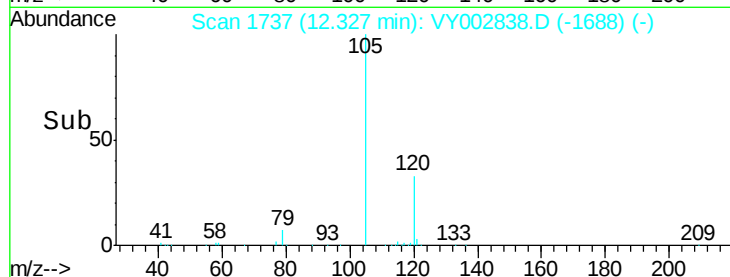
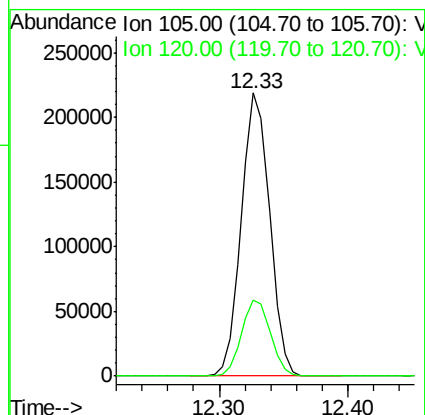
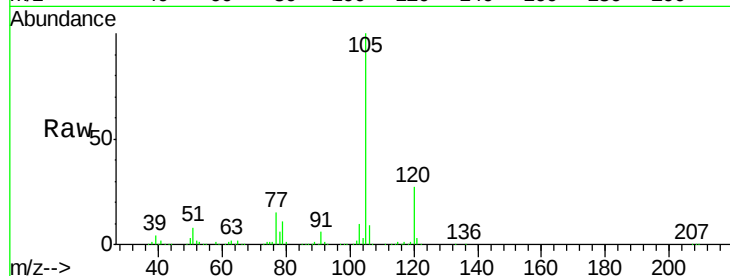
VY0604SBS01

Tot Ion:105 Resp: 332899

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 22.108 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Tgt Ion: 43 Resp: 89667

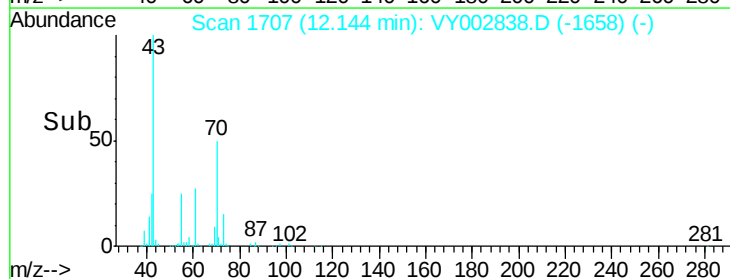
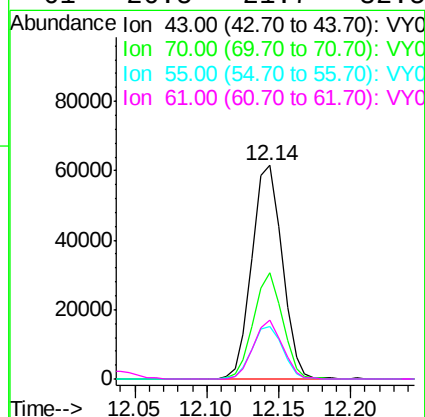
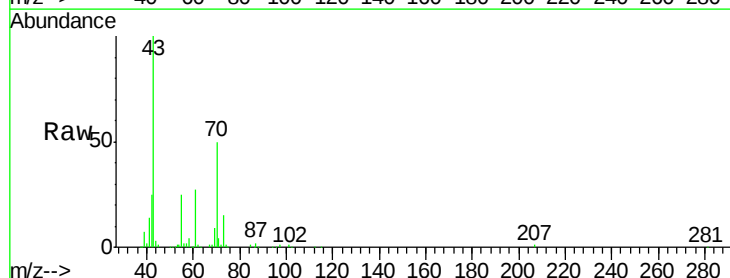
Ion Ratio Lower Upper

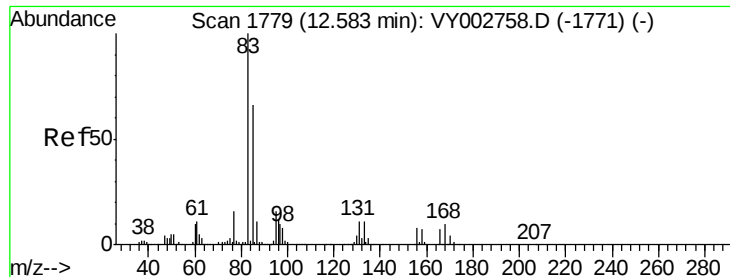
43 100

70 47.8 37.7 56.5

55 25.4 19.8 29.6

61 26.5 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.999 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

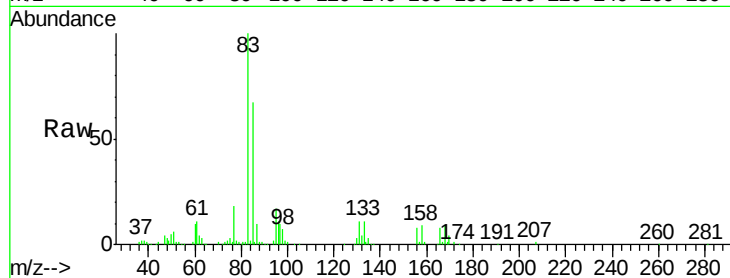
Tot Ion: 83 Resp: 63787

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

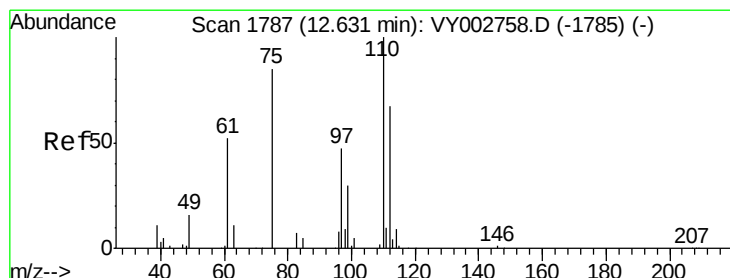
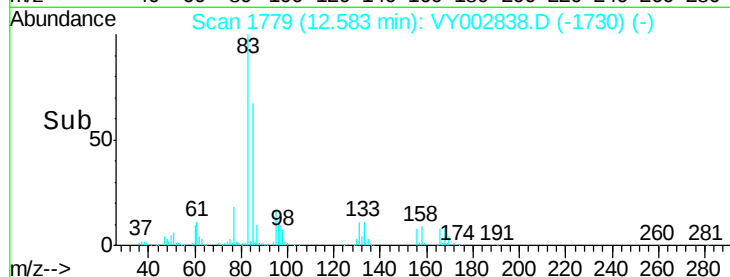
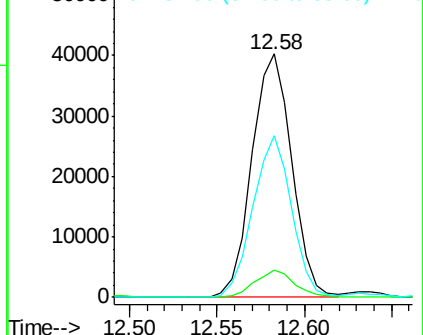
85 64.3 32.6 98.0



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: 21.547 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002838.D

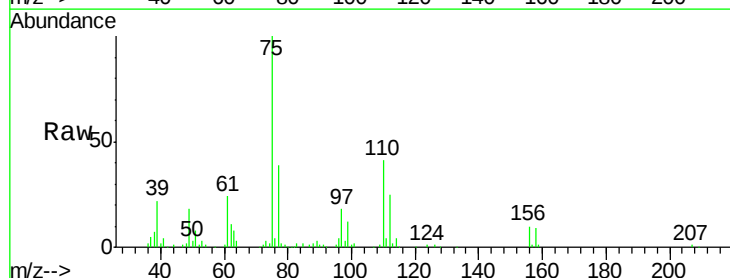
Acq: 04 Jun 2020 13:29

Tgt Ion: 75 Resp: 47889

Ion Ratio Lower Upper

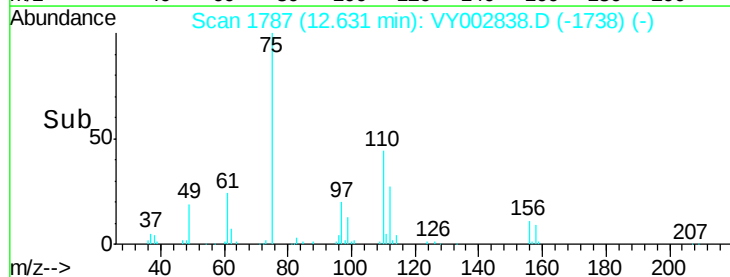
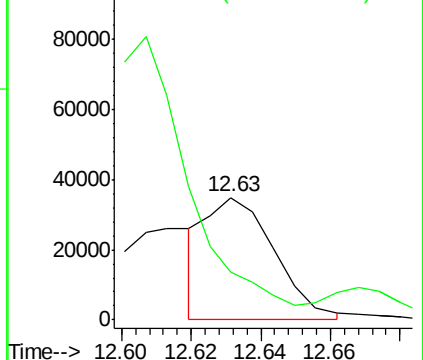
75 100

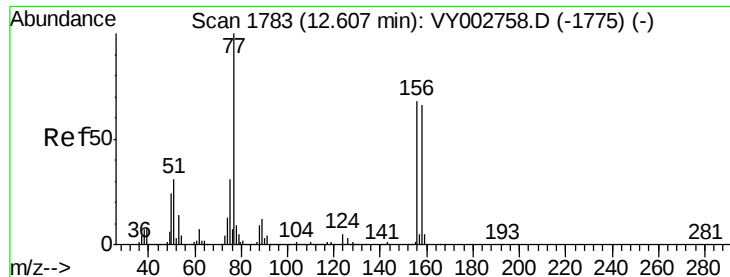
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.774 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

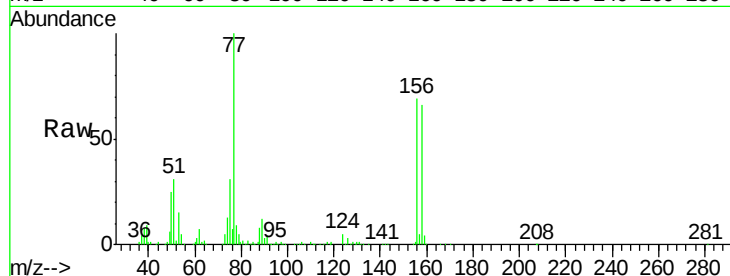
Tot Ion:156 Resp: 85503

Ion Ratio Lower Upper

156 100

77 167.1 81.4 244.2

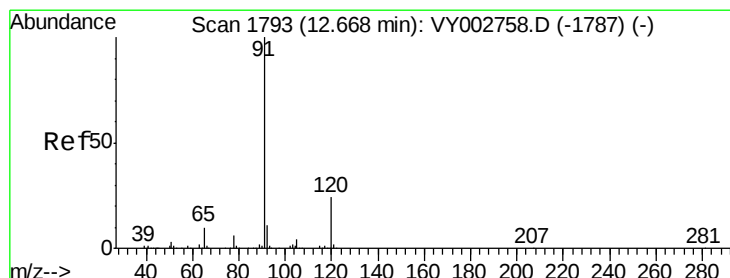
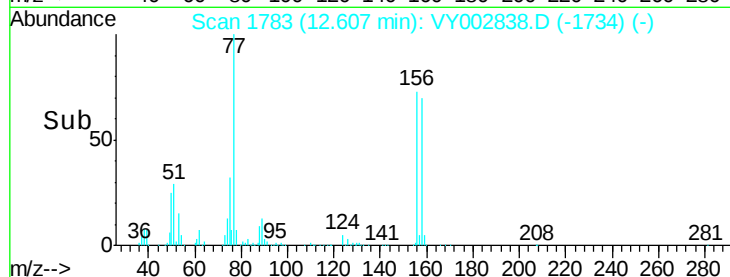
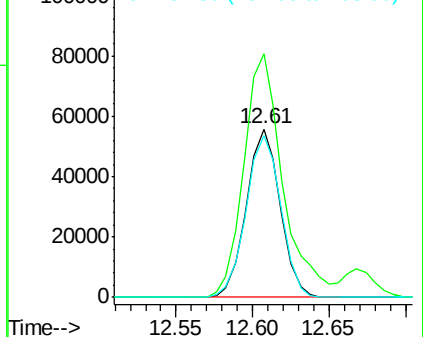
158 98.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.492 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002838.D

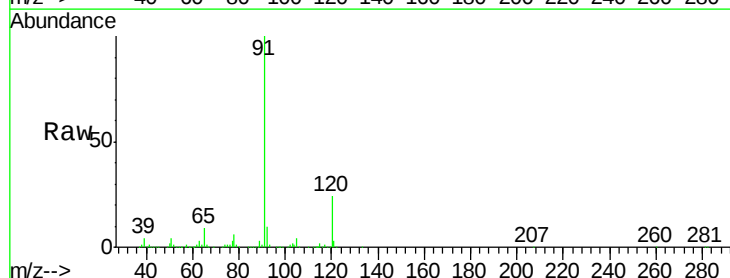
Acq: 04 Jun 2020 13:29

Tgt Ion: 91 Resp: 392412

Ion Ratio Lower Upper

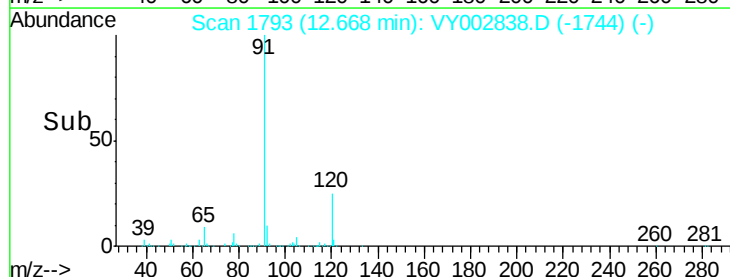
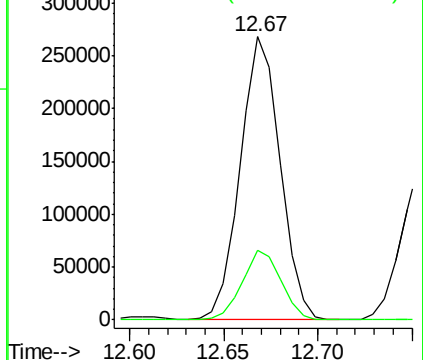
91 100

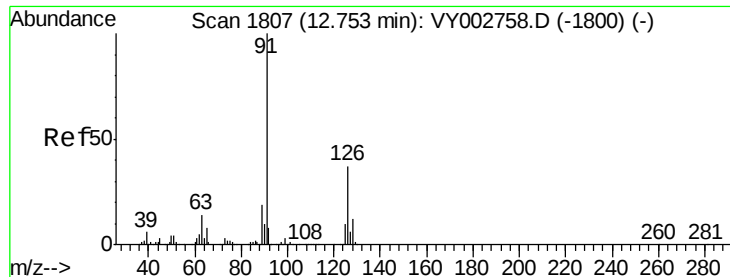
120 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

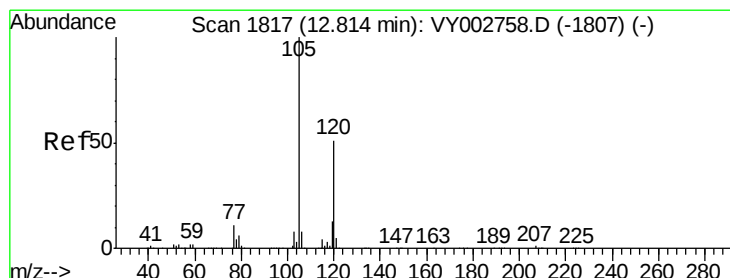
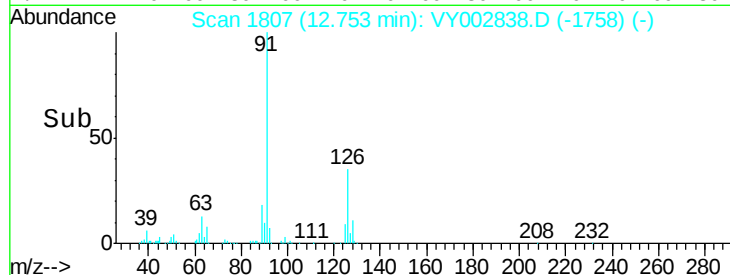
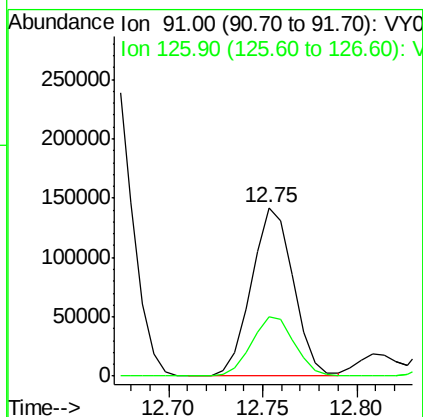
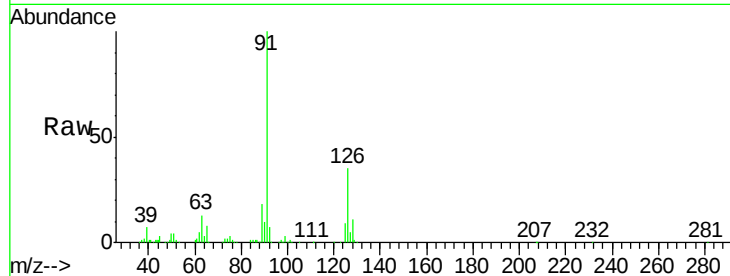




#79
 2-Chlorotoluene
 Concen: 21.356 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

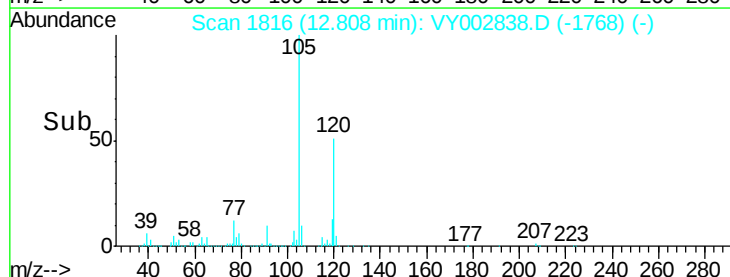
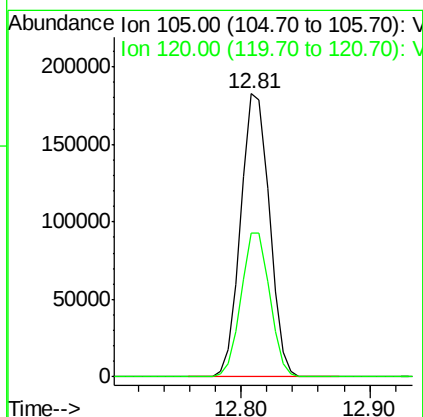
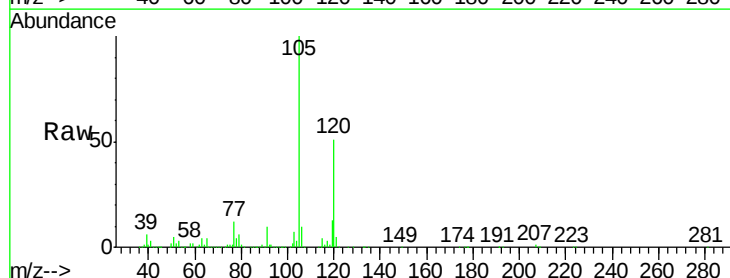
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

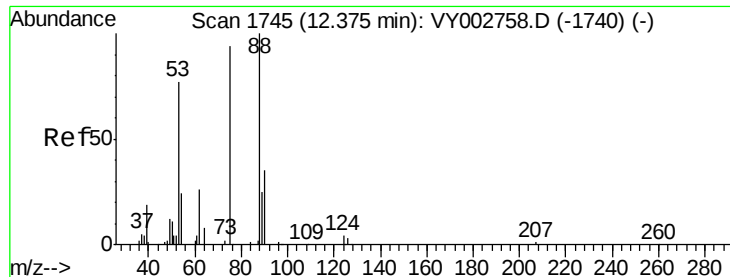
Tot Ion: 91 Resp: 218732
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.313 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion: 105 Resp: 281295
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.784 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

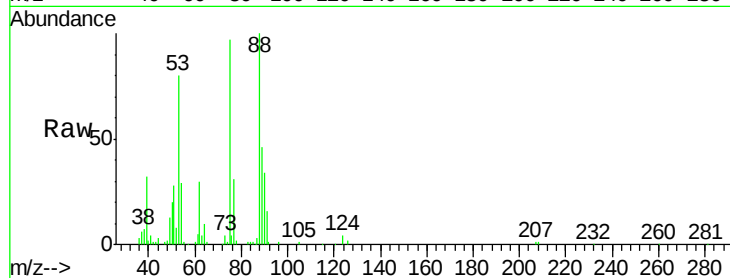
Tot Ion: 75 Resp: 25699

Ion Ratio Lower Upper

75 100

53 79.9 64.0 96.0

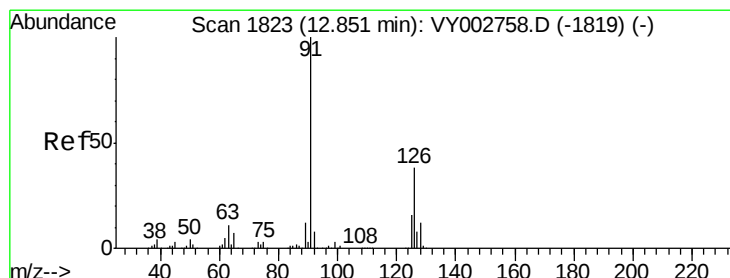
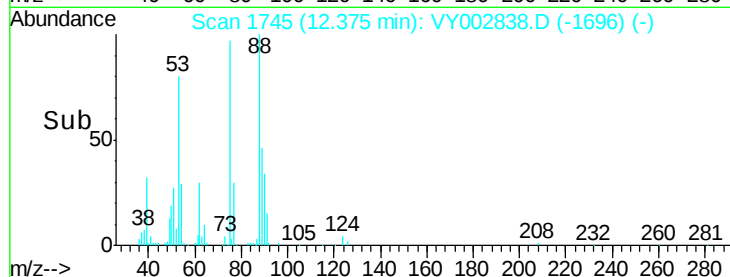
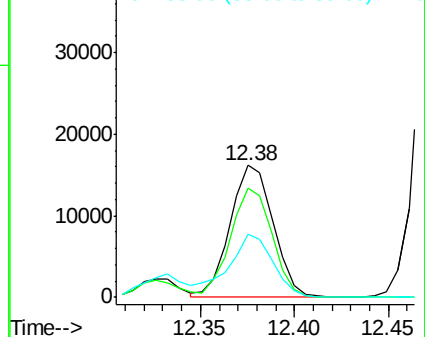
89 49.7 37.4 56.2



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: 21.414 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002838.D

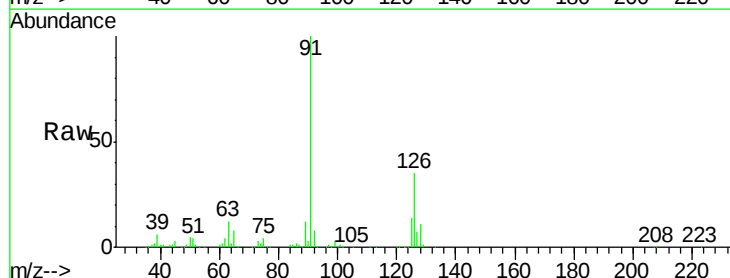
Acq: 04 Jun 2020 13:29

Tgt Ion: 91 Resp: 229789

Ion Ratio Lower Upper

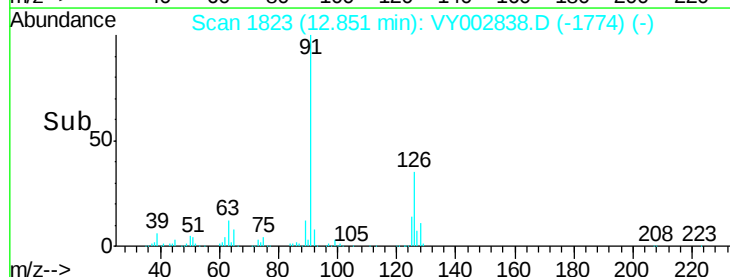
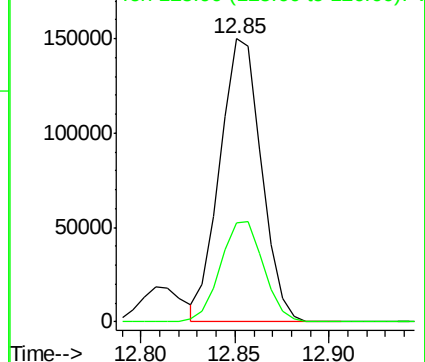
91 100

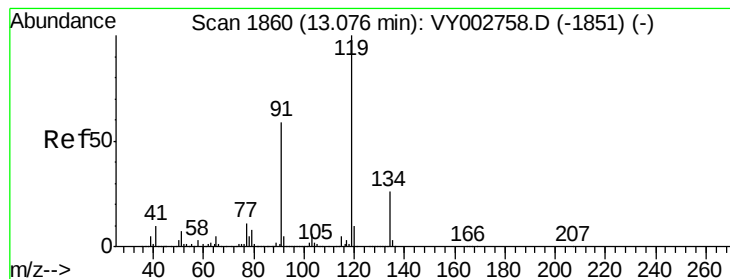
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.227 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

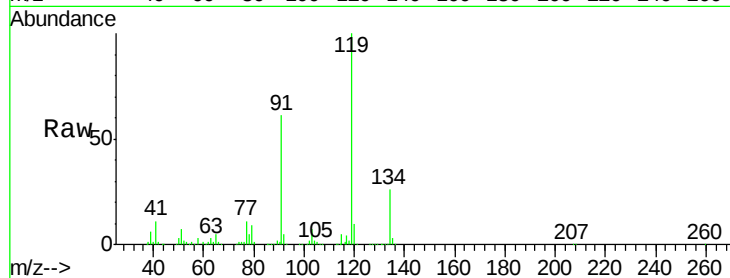
Tot Ion:119 Resp: 249907

Ion Ratio Lower Upper

119 100

91 59.6 29.8 89.4

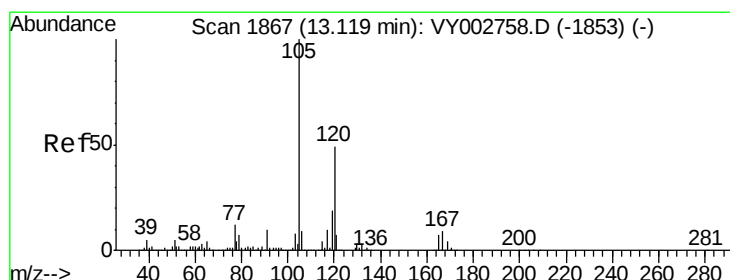
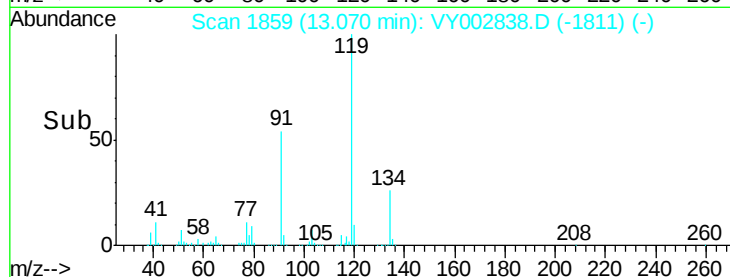
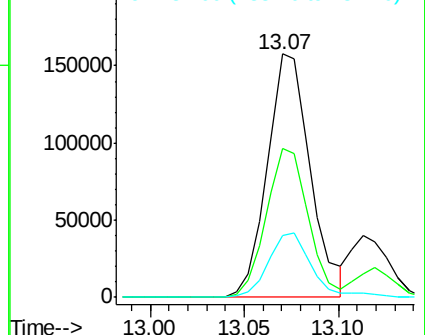
134 26.6 13.3 39.8



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: 21.446 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002838.D

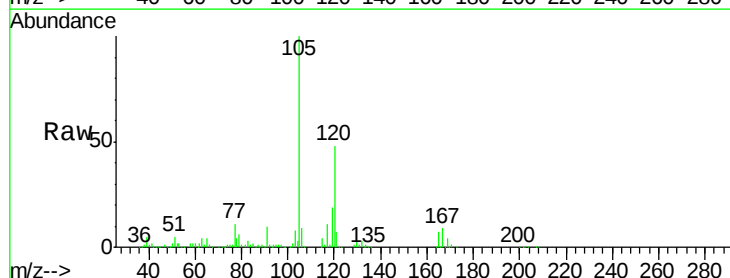
Acq: 04 Jun 2020 13:29

Tgt Ion:105 Resp: 284603

Ion Ratio Lower Upper

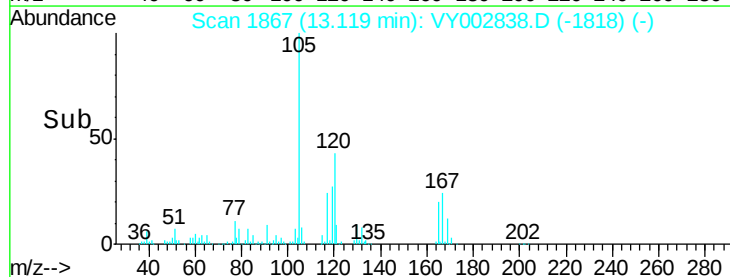
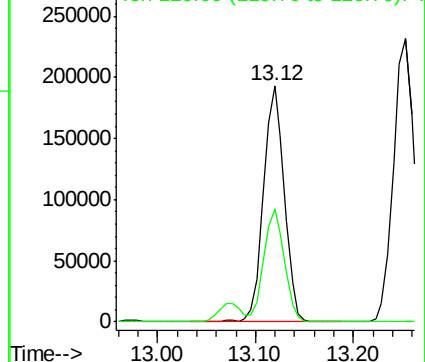
105 100

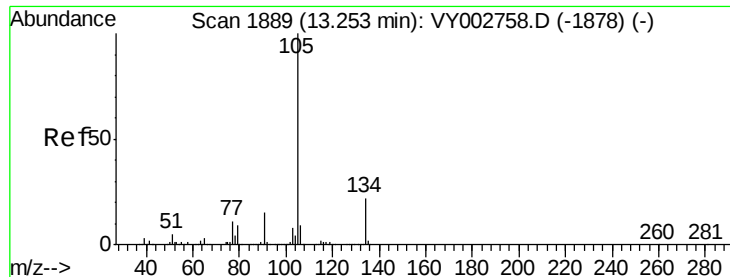
120 47.5 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.486 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

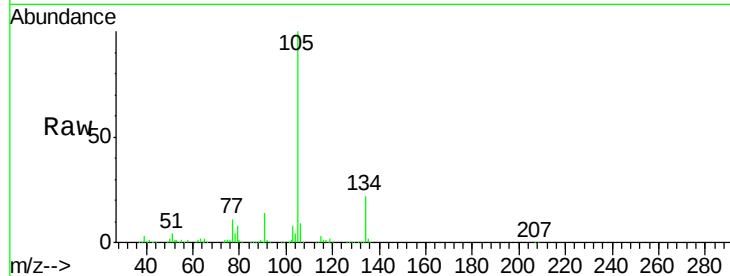
VY0604SBSD01

Tot Ion:105 Resp: 345868

Ion Ratio Lower Upper

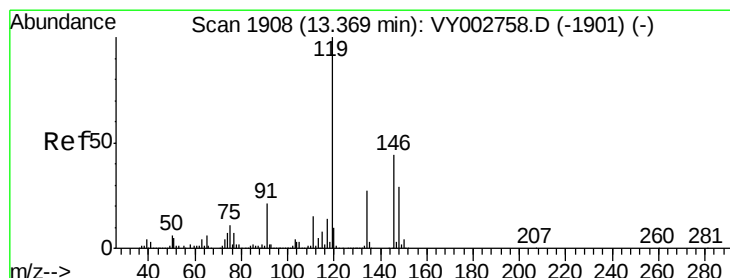
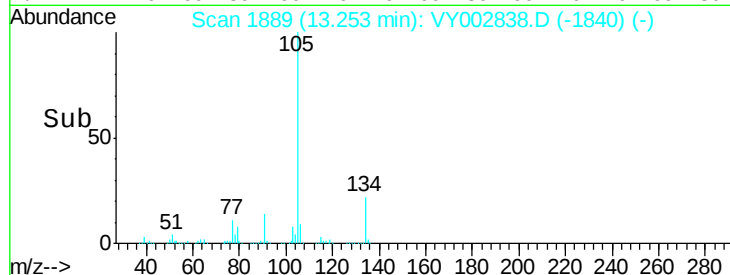
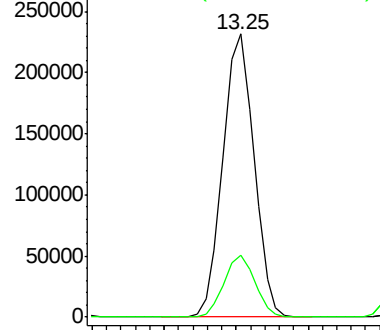
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.469 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

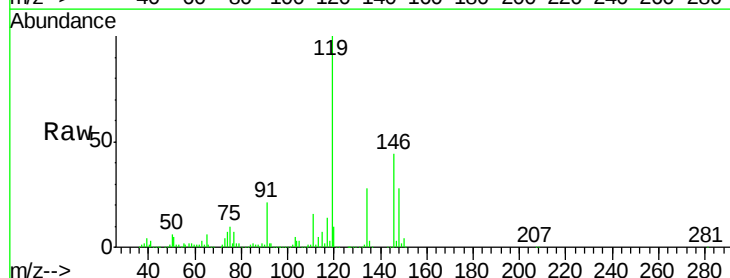
Tgt Ion:119 Resp: 321571

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

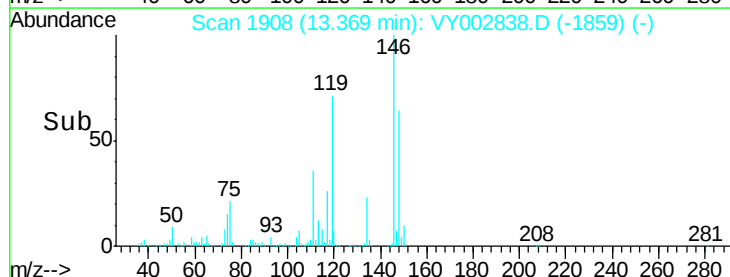
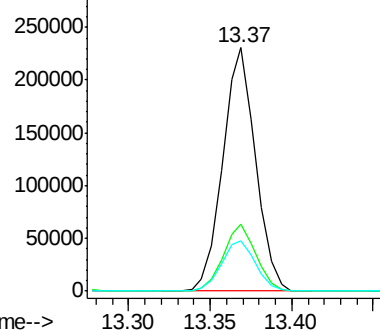
91 21.4 10.8 32.4

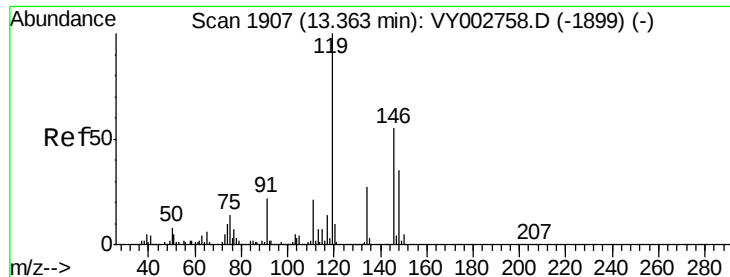


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

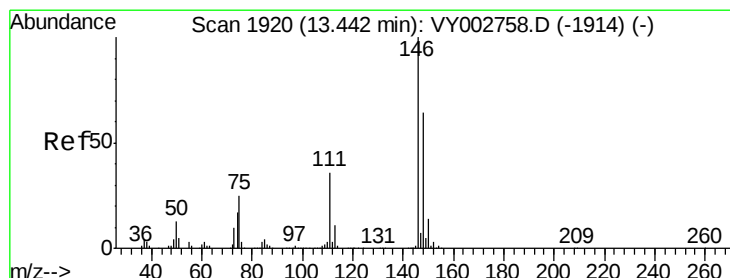
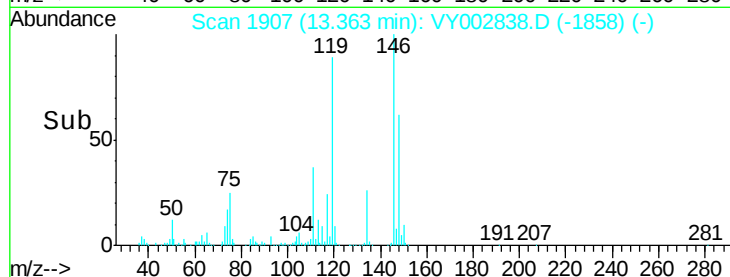
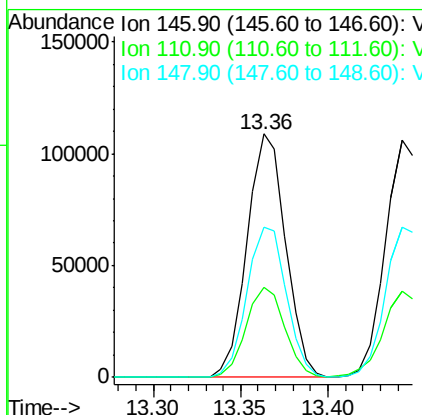
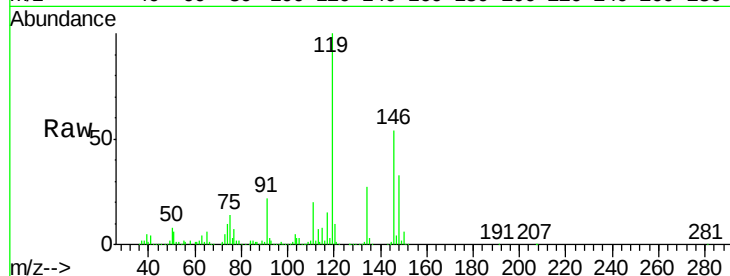




#87
 1,3-Dichlorobenzene
 Concen: 21.406 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

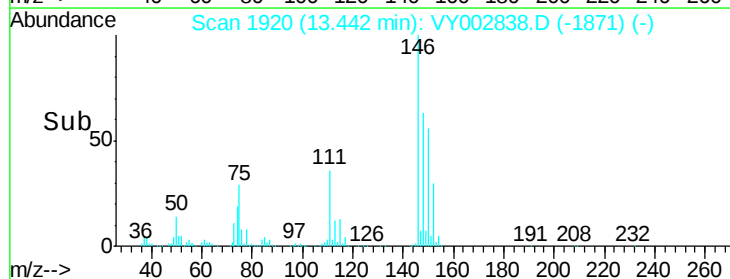
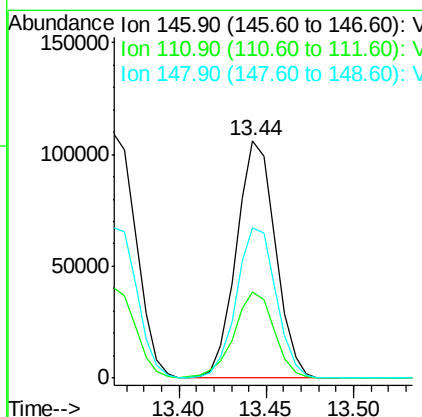
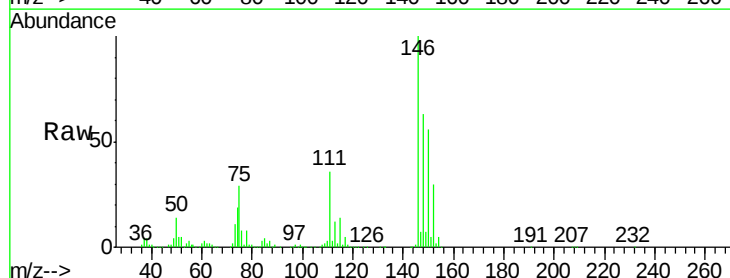
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.0
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.079 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.3
148	64.5	32.1	96.3

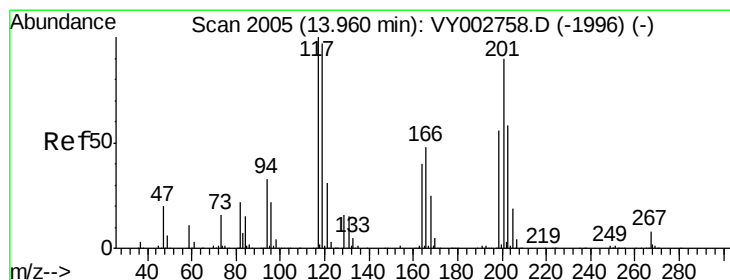
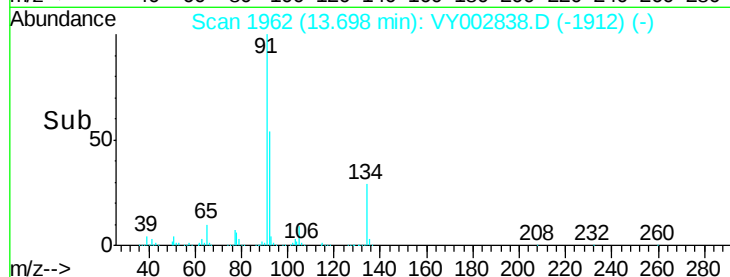
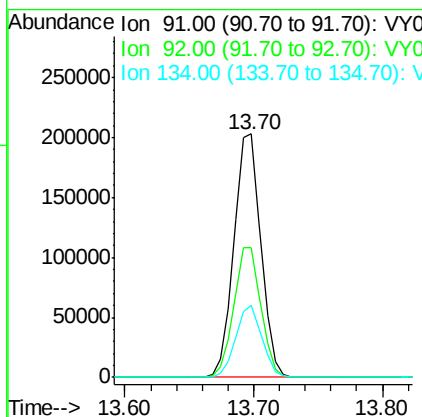
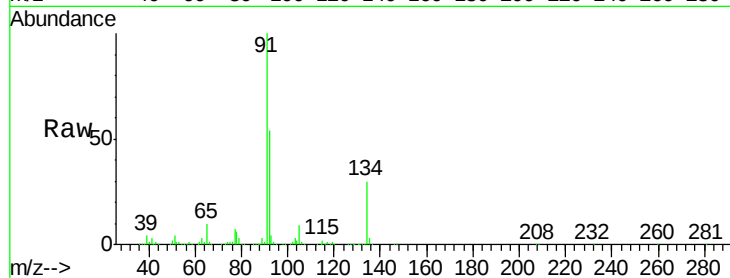




#89
n-Butylbenzene
Concen: 21.774 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

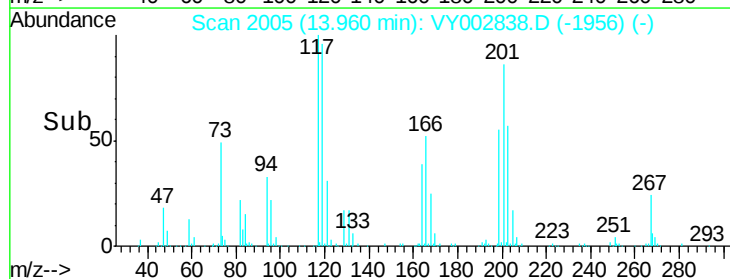
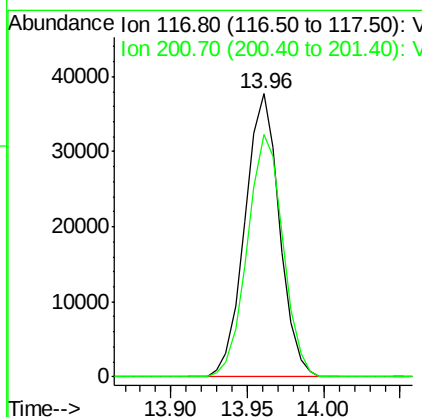
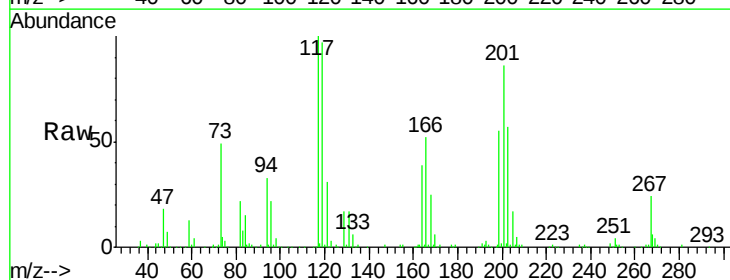
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

Tot Ion: 91 Resp: 296104
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 28.4 14.3 42.9



#90
Hexachloroethane
Concen: 21.136 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion: 117 Resp: 59266
Ion Ratio Lower Upper
117 100
201 88.1 43.9 131.6

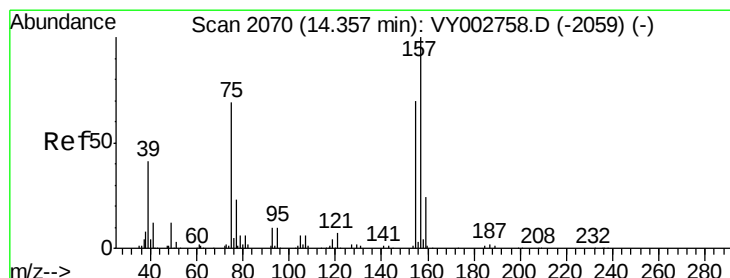
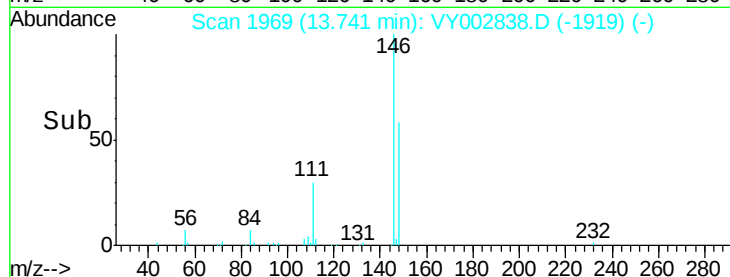
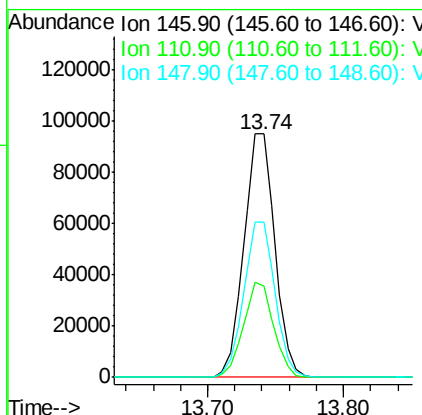
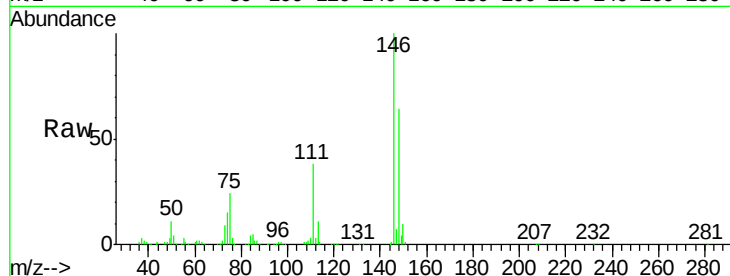




#91
 1,2-Dichlorobenzene
 Concen: 21.342 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

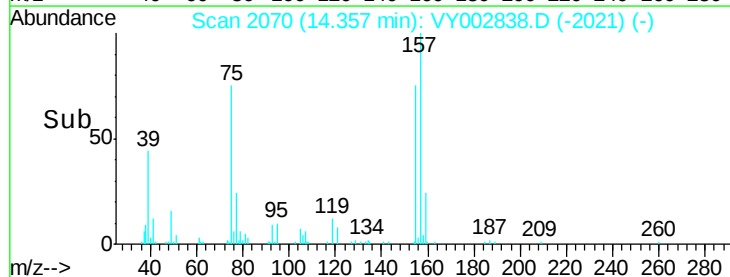
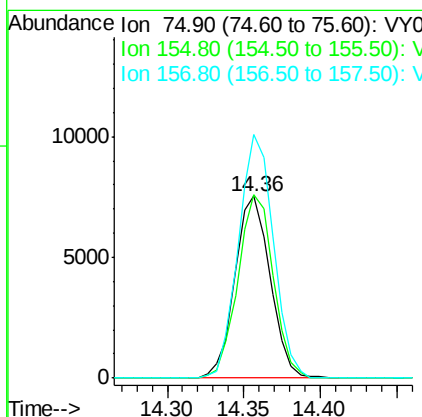
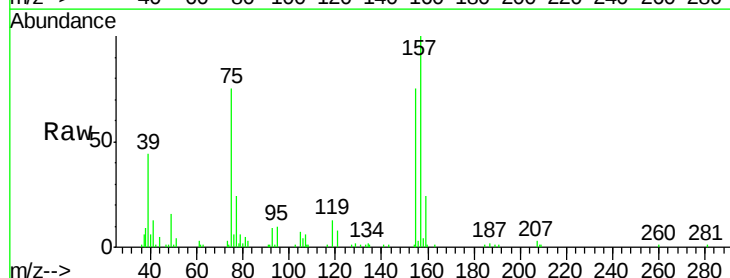
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

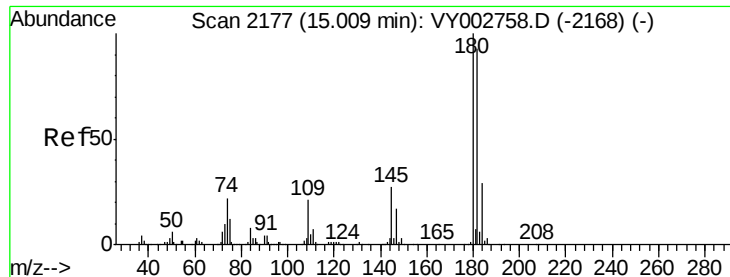
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.632 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002838.D
 Acq: 04 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	53.5	160.5
157	132.4	69.9	209.7





#93

1,2,4-Trichlorobenzene

Concen: 21.604 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

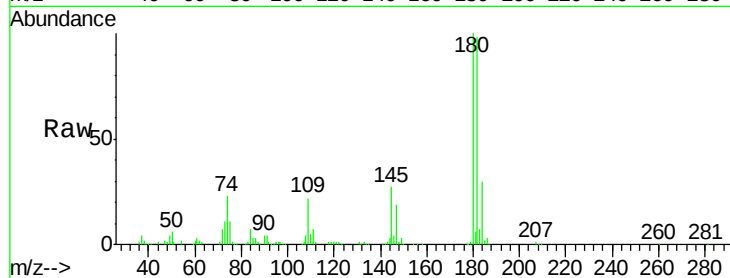
Tot Ion:180 Resp: 115139

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

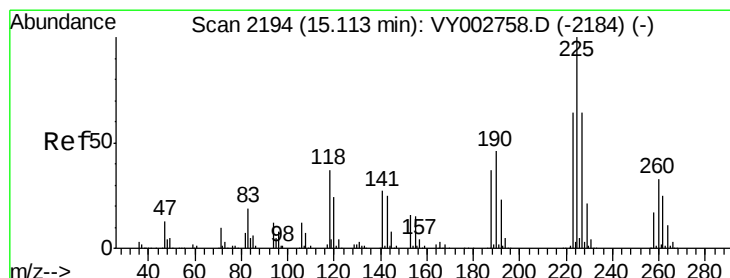
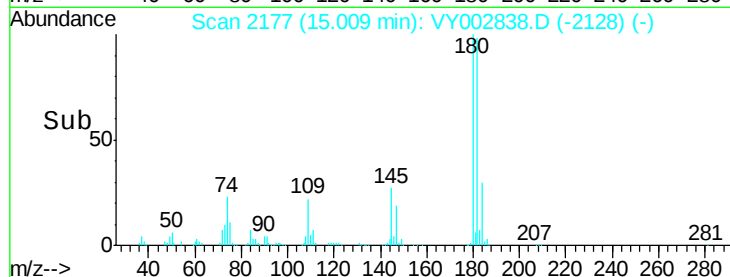
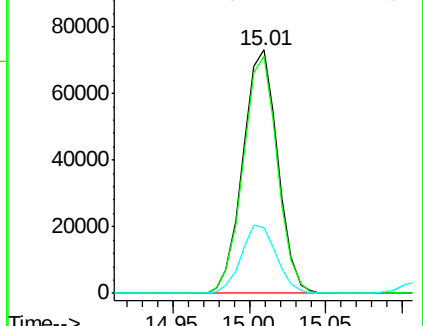
145 28.4 14.1 42.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.713 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VY002838.D

Acq: 04 Jun 2020 13:29

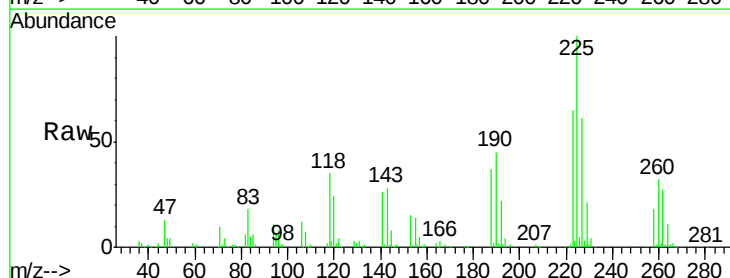
Tgt Ion:225 Resp: 65631

Ion Ratio Lower Upper

225 100

223 64.3 31.6 95.0

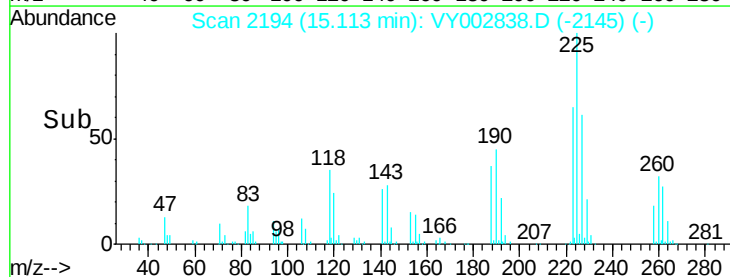
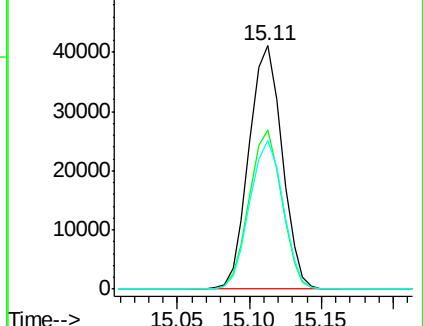
227 61.7 32.3 96.9

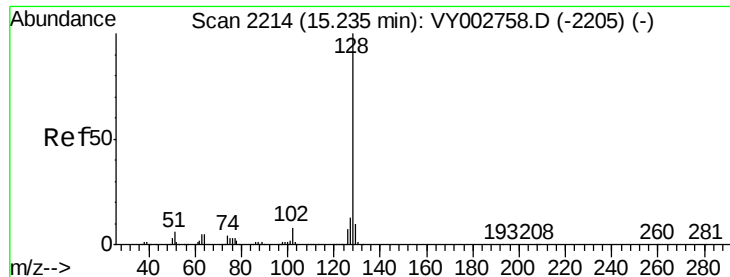


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

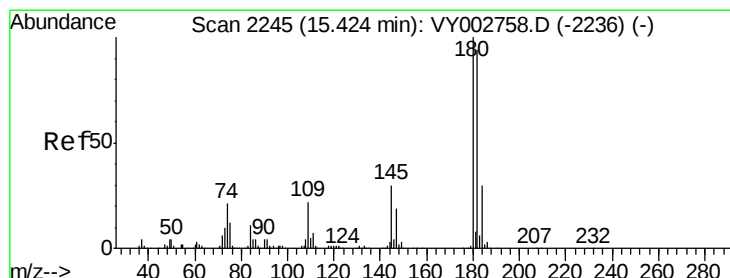
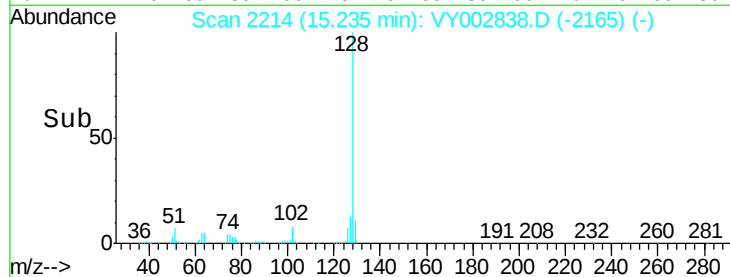
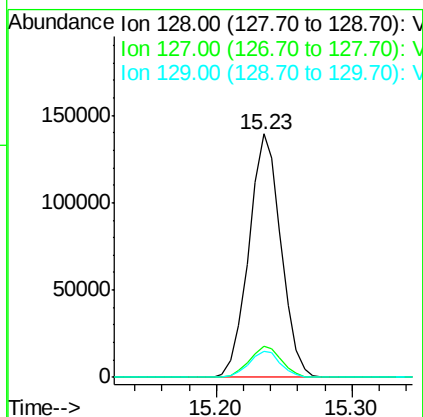
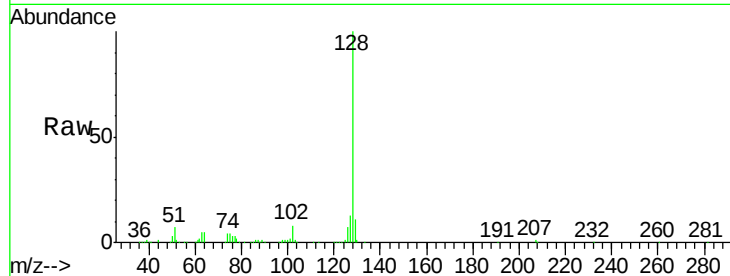




#95
Naphthalene
Concen: 21.569 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

Tot Ion:128 Resp: 230482
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.562 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002838.D
Acq: 04 Jun 2020 13:29

Tgt Ion:180 Resp: 102616
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.4
145 29.3 15.1 45.3

