

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002864.D
 Acq On : 09 Jun 2020 11:23
 Operator : SY/MD
 Sample : VY0609SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Quant Time: Jun 10 05:09:08 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	296770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	434621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	129073	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.72	113	132240	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	10.18	98	521016	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.48	95	184590	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	43267	21.188	ug/l	95
3) Chloromethane	2.12	50	48609	21.521	ug/l	99
4) Vinyl Chloride	2.26	62	53011	22.205	ug/l	99
5) Bromomethane	2.65	94	37963	21.220	ug/l	95
6) Chloroethane	2.79	64	33310	21.523	ug/l	95
7) Trichlorofluoromethane	3.13	101	90518	21.408	ug/l	100
8) Diethyl Ether	3.54	74	32896	19.925	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	54995	21.906	ug/l	98
10) Methyl Iodide	4.10	142	69941	19.910	ug/l	99
11) Tert butyl alcohol	4.97	59	33883	115.471	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	54355	21.529	ug/l	98
13) Acrolein	3.74	56	25195	83.435	ug/l	96
14) Allyl chloride	4.49	41	77872	21.506	ug/l	100
15) Acrylonitrile	5.18	53	81418	109.313	ug/l	99
16) Acetone	3.96	43	65926	109.108	ug/l	100
17) Carbon Disulfide	4.20	76	156013	20.450	ug/l	99
18) Methyl Acetate	4.48	43	38761	25.083	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	148912	21.365	ug/l	100
20) Methylene Chloride	4.72	84	67323	22.800	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	59112	20.820	ug/l	99
22) Diisopropyl ether	6.13	45	163246	21.695	ug/l	95
23) Vinyl Acetate	6.07	43	534411	107.573	ug/l	100
24) 1,1-Dichloroethane	6.03	63	95207	21.630	ug/l	99
25) 2-Butanone	6.99	43	101269	107.575	ug/l	99
26) 2,2-Dichloropropane	6.99	77	91126	21.586	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	66907	21.050	ug/l	99
28) Bromochloromethane	7.34	49	40453	22.387	ug/l	100
29) Tetrahydrofuran	7.35	42	66893	109.243	ug/l	100
30) Chloroform	7.51	83	100047	21.420	ug/l	97
31) Cyclohexane	7.79	56	90418	20.689	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	92250	21.195	ug/l	100
36) 1,1-Dichloropropene	7.92	75	78323	21.393	ug/l	99
37) Ethyl Acetate	7.08	43	46176	23.181	ug/l	98
38) Carbon Tetrachloride	7.91	117	85945	21.131	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	101891	21.114	ug/l	97
40) Benzene	8.16	78	230239	21.283	ug/l	97
41) Methacrylonitrile	7.35	41	62401	58.312	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	65802	21.704	ug/l	100
43) Isopropyl Acetate	8.28	43	82035	21.733	ug/l	99
44) Trichloroethene	8.94	130	72755	21.292	ug/l	94
45) 1,2-Dichloropropane	9.22	63	57367	22.113	ug/l	99
46) Dibromomethane	9.31	93	33743	21.901	ug/l	99
47) Bromodichloromethane	9.50	83	78413	21.589	ug/l	98
48) Methyl methacrylate	9.29	41	35799	21.008	ug/l	98
49) 1,4-Dioxane	9.31	88	9937	420.047	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	220847	110.489	ug/l	100
52) Toluene	10.24	92	151614	21.424	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	86275	21.747	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	97265	21.637	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	52039	22.062	ug/l	99
56) Ethyl methacrylate	10.51	69	68063	21.544	ug/l	99
57) 1,3-Dichloropropane	10.79	76	83637	21.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	170363	110.357	ug/l	99
59) 2-Hexanone	10.83	43	157141	110.802	ug/l	100
60) Dibromochloromethane	10.99	129	65385	21.865	ug/l	100
61) 1,2-Dibromoethane	11.09	107	50495	21.702	ug/l	99
64) Tetrachloroethene	10.72	164	76332	20.816	ug/l	98
65) Chlorobenzene	11.52	112	169749	21.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	65258	21.728	ug/l	99
67) Ethyl Benzene	11.60	91	296181	21.423	ug/l	99
68) m/p-Xylenes	11.70	106	231263	43.144	ug/l	99
69) o-Xylene	12.03	106	110257	21.789	ug/l	98
70) Styrene	12.05	104	187570	21.382	ug/l	100
71) Bromoform	12.21	173	44265	22.026	ug/l #	99
73) Isopropylbenzene	12.33	105	298097	21.162	ug/l	100
74) N-amyl acetate	12.14	43	77750	21.512	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	55797	22.576	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	81296	41.046	ug/l #	100
77) Bromobenzene	12.61	156	78209	21.323	ug/l	99
78) n-propylbenzene	12.67	91	344983	21.202	ug/l	100
79) 2-Chlorotoluene	12.75	91	191372	20.967	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	249423	21.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23317	22.180	ug/l	99
82) 4-Chlorotoluene	12.86	91	203631	21.294	ug/l	100
83) tert-Butylbenzene	13.08	119	221663	21.128	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	251847	21.296	ug/l	100
85) sec-Butylbenzene	13.25	105	305727	21.313	ug/l	100
86) p-Isopropyltoluene	13.37	119	286475	21.462	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	148639	21.394	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148695	21.395	ug/l	100
89) n-Butylbenzene	13.70	91	260060	21.460	ug/l	100
90) Hexachloroethane	13.96	117	53472	21.399	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	135516	21.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10739	22.585	ug/l	94

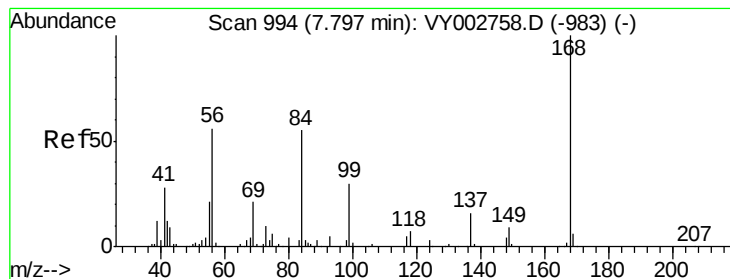
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	102214	21.522	ug/l	99
94) Hexachlorobutadiene	15.11	225	58707	21.794	ug/l	100
95) Naphthalene	15.24	128	202916	21.309	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	92029	21.700	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

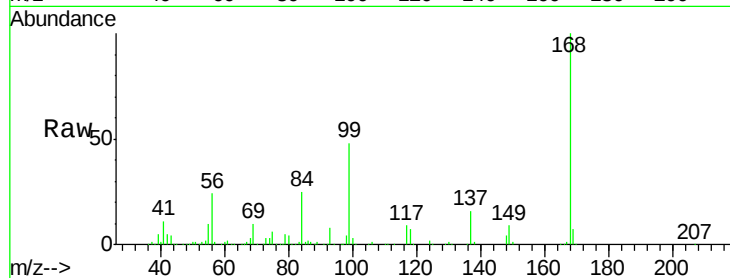
VY0609SBS01

Tot Ion:168 Resp: 296770

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



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

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

7.80

150000

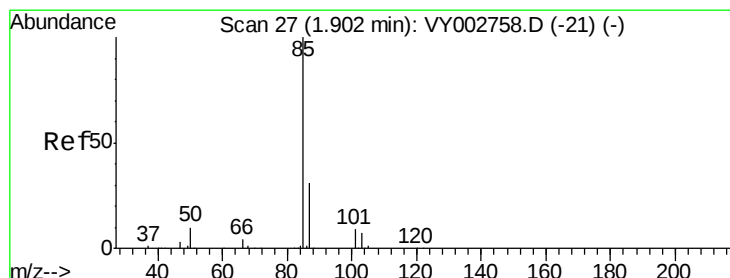
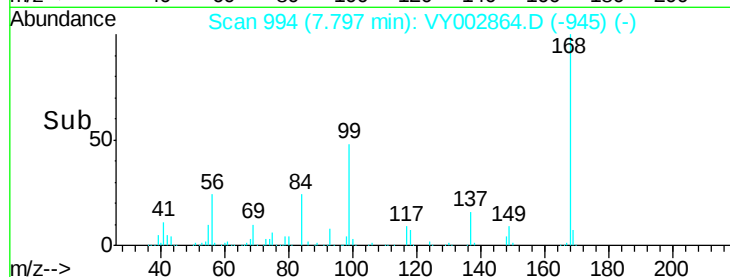
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.188 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002864.D

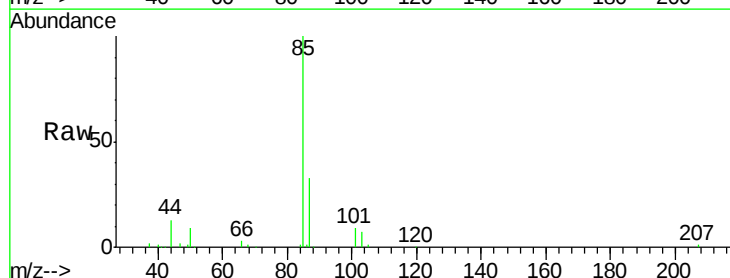
Acq: 09 Jun 2020 11:23

Tgt Ion: 85 Resp: 43267

Ion Ratio Lower Upper

85 100

87 33.5 15.5 46.5



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

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

1.91

30000

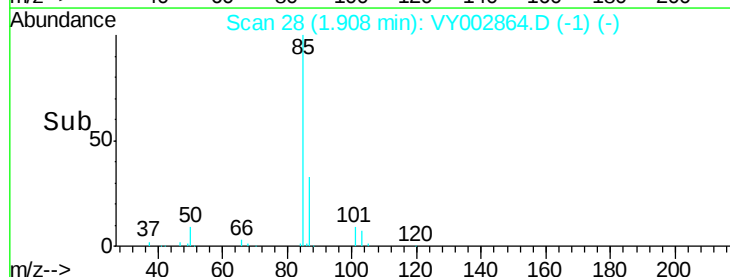
20000

10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.521 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

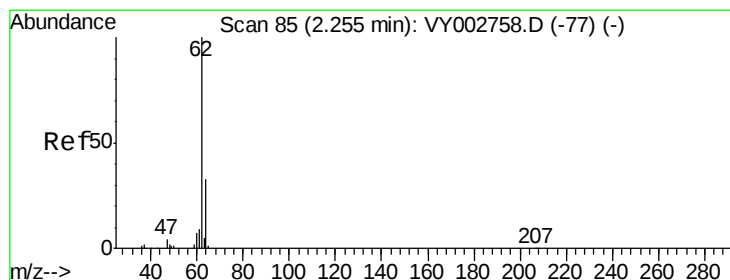
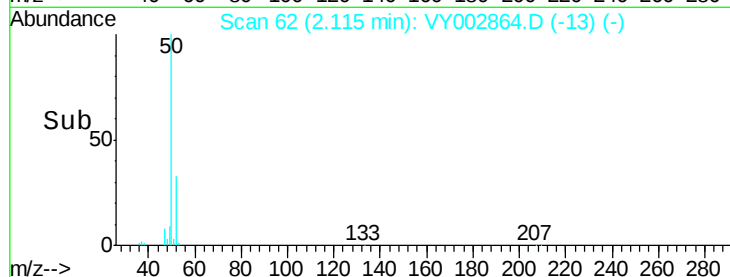
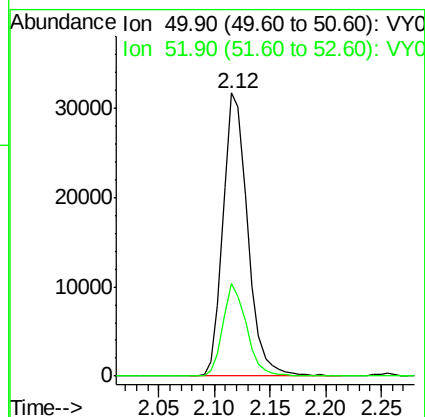
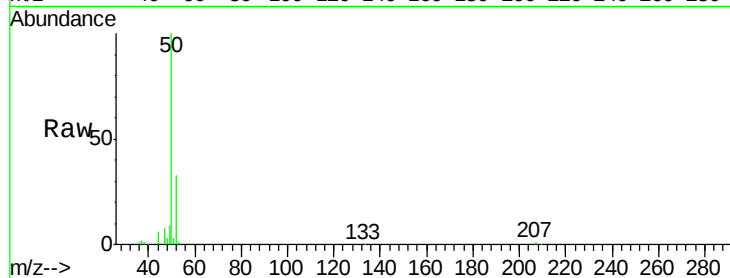
VY0609SBS01

Tot Ion: 50 Resp: 48609

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



#4

Vinyl Chloride

Concen: 22.205 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002864.D

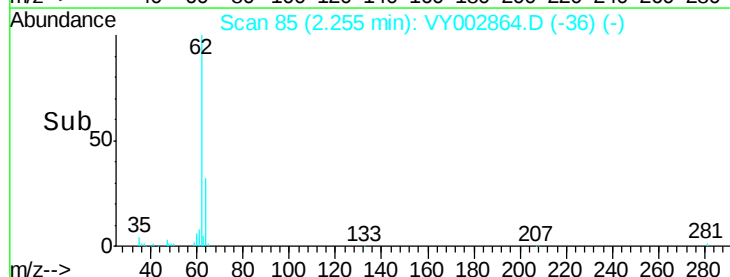
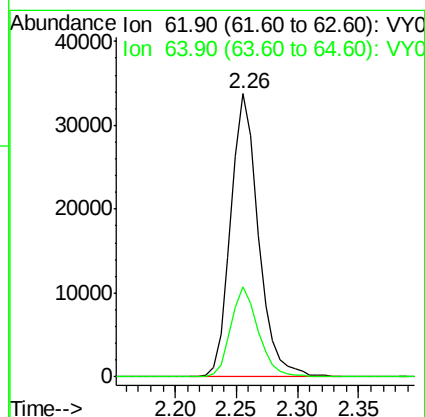
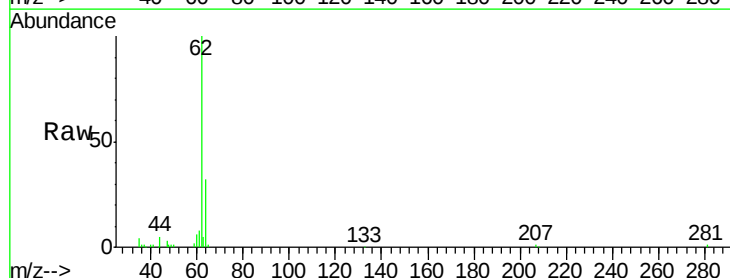
Acq: 09 Jun 2020 11:23

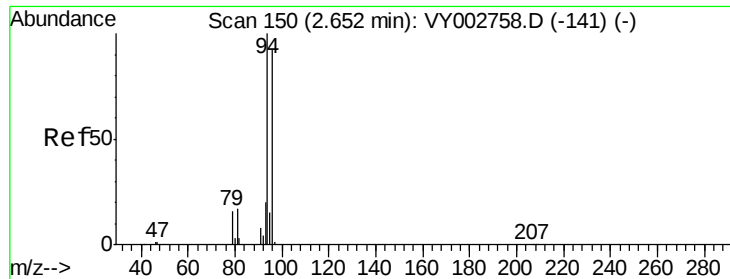
Tgt Ion: 62 Resp: 53011

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 21.220 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

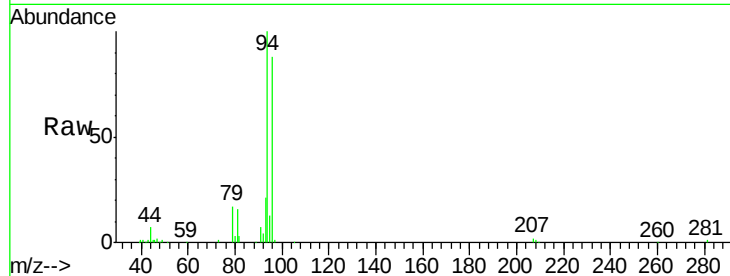
VY0609SBS01

Tot Ion: 94 Resp: 37963

Ion Ratio Lower Upper

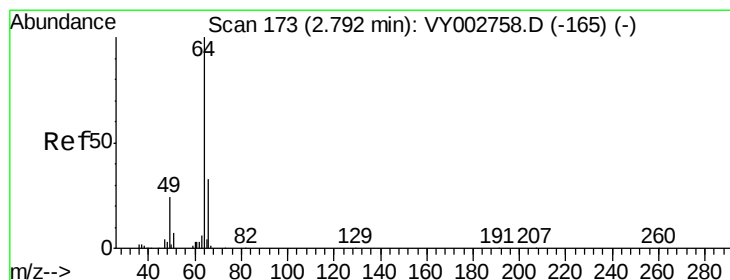
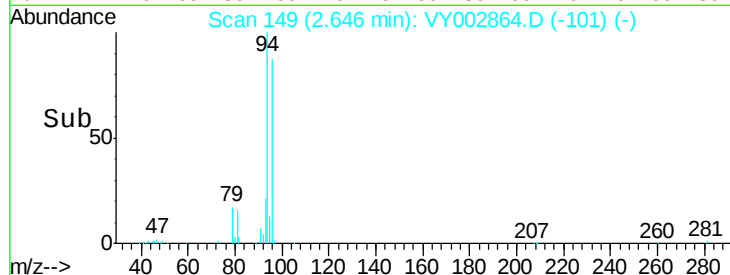
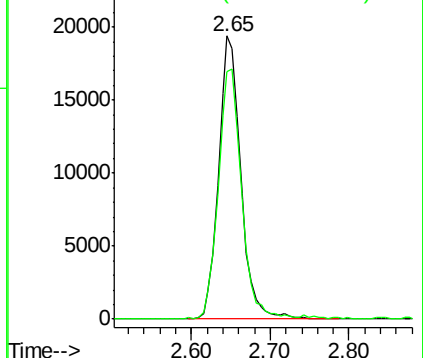
94 100

96 87.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.523 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002864.D

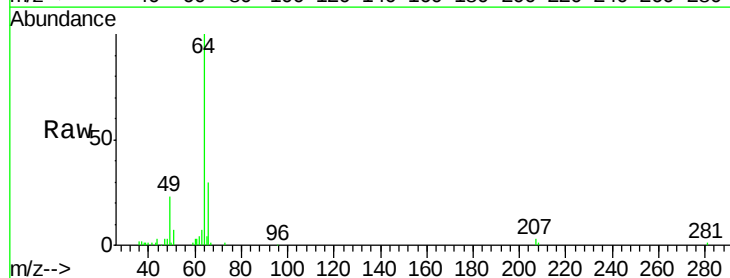
Acq: 09 Jun 2020 11:23

Tgt Ion: 64 Resp: 33310

Ion Ratio Lower Upper

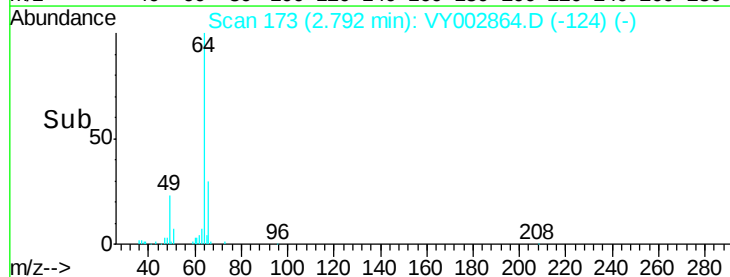
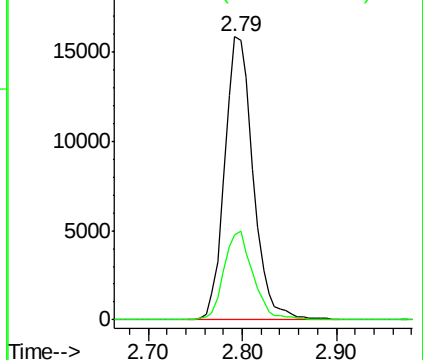
64 100

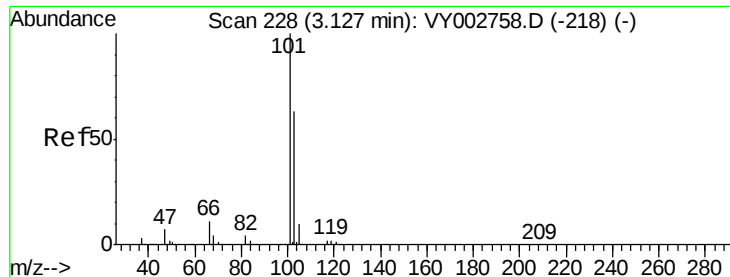
66 30.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



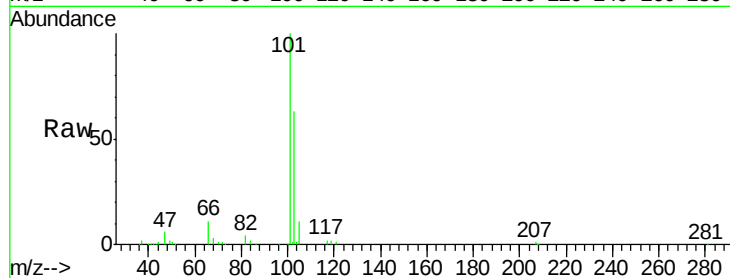


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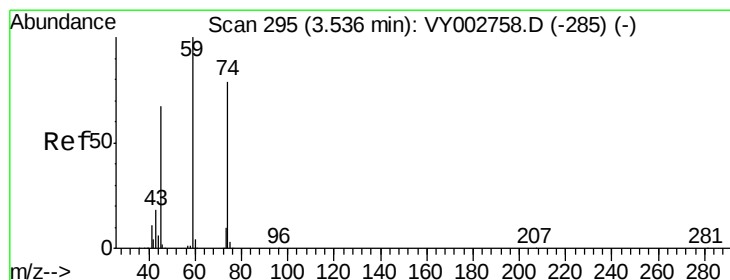
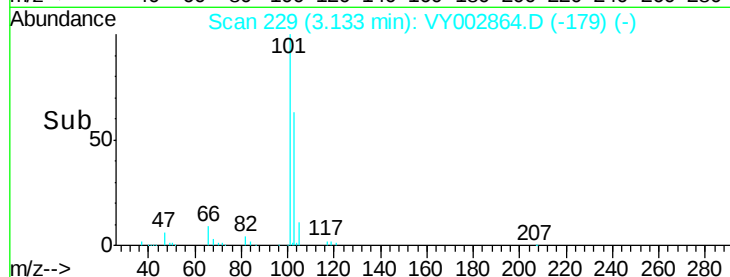
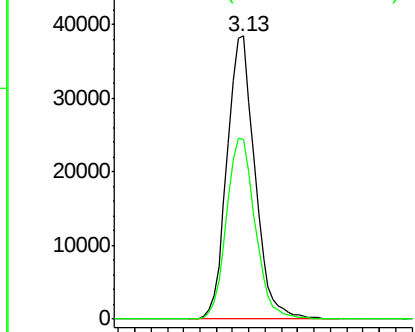
Trichlorofluoromethane
 Concen: 21.408 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Instrument :
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 VY0609SBS01

Tot Ion:101 Resp: 90518
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0



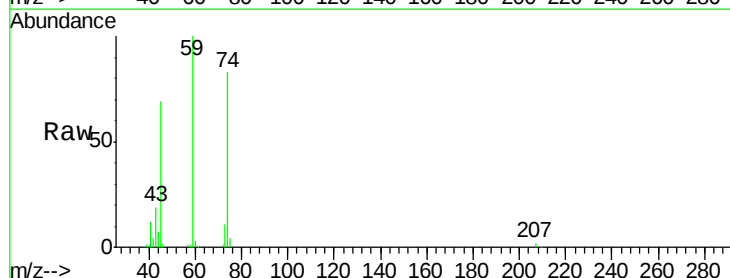
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



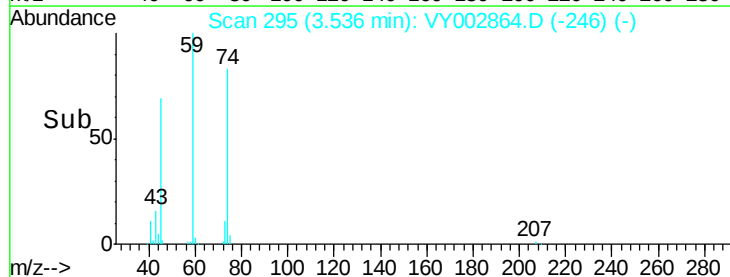
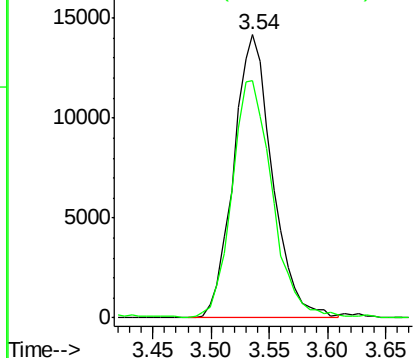
#8

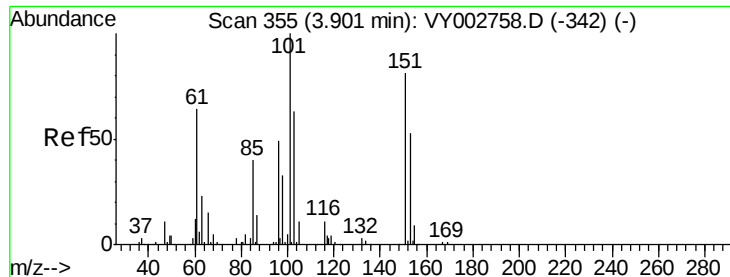
Diethyl Ether
 Concen: 19.925 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion: 74 Resp: 32896
 Ion Ratio Lower Upper
 74 100
 45 87.3 44.0 131.8



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.906 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

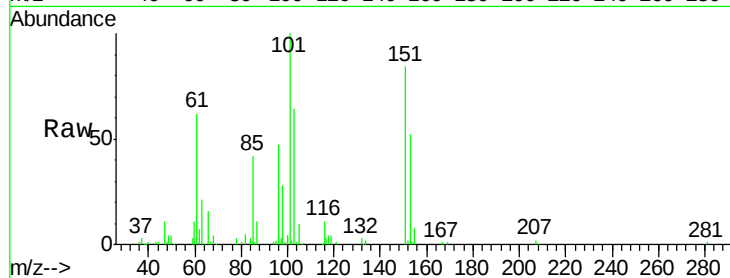
Tot Ion:101 Resp: 54995

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

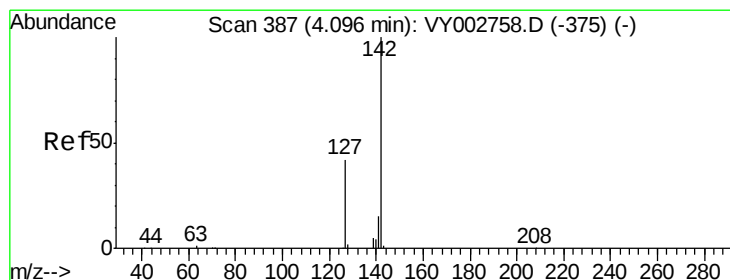
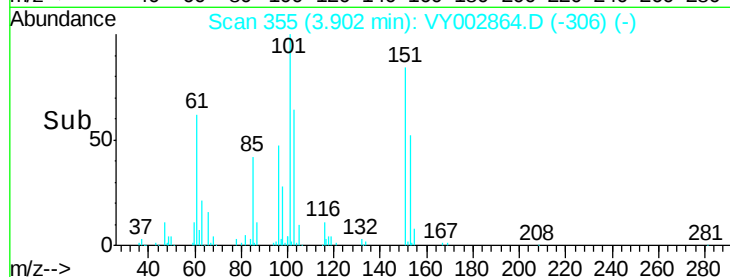
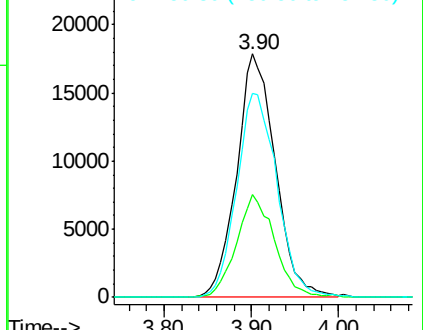
151 87.4 68.0 102.0



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: 19.910 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

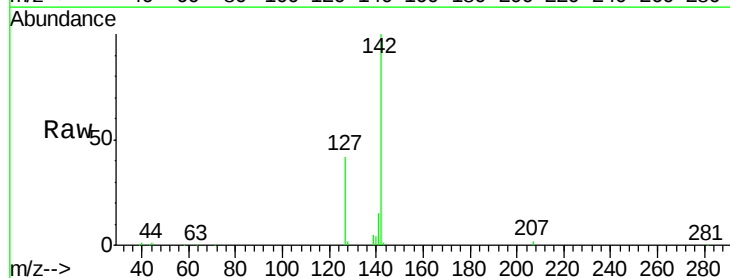
Tgt Ion:142 Resp: 69941

Ion Ratio Lower Upper

142 100

127 41.1 33.3 49.9

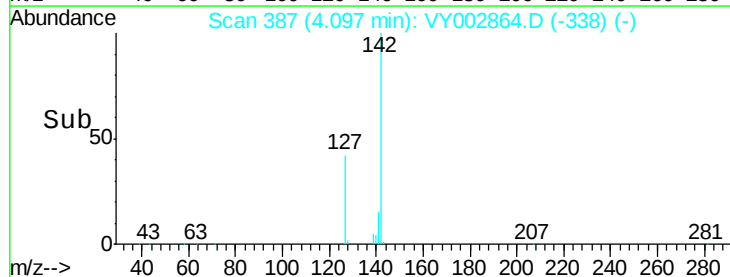
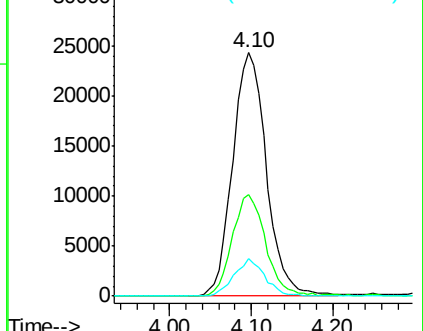
141 13.9 11.5 17.3



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

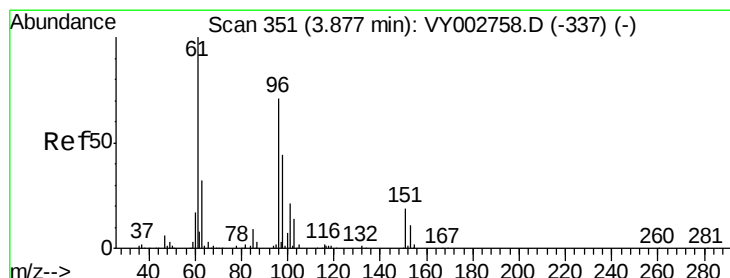
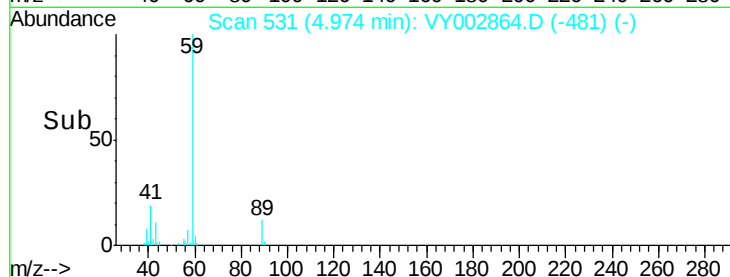
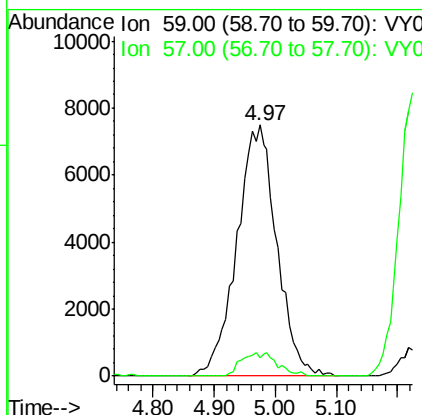
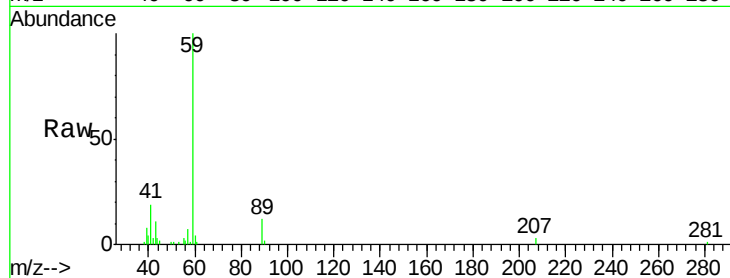




#11
Tert butyl alcohol
Concen: 115.471 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

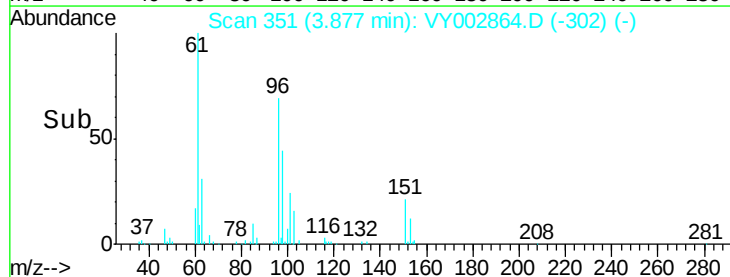
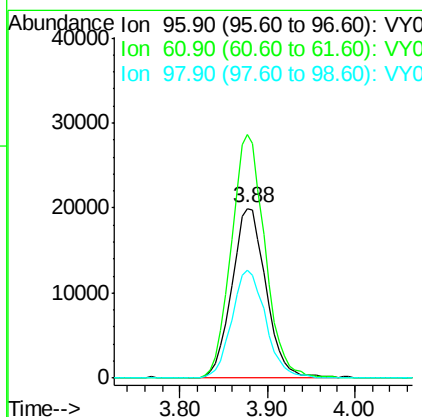
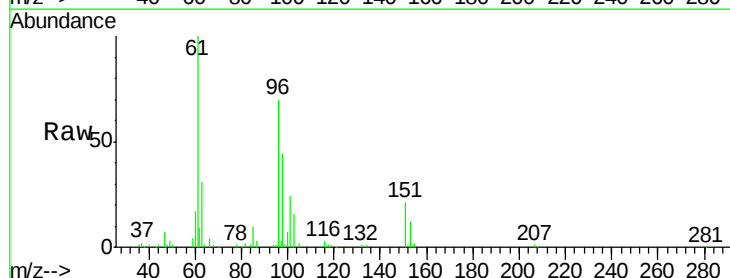
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

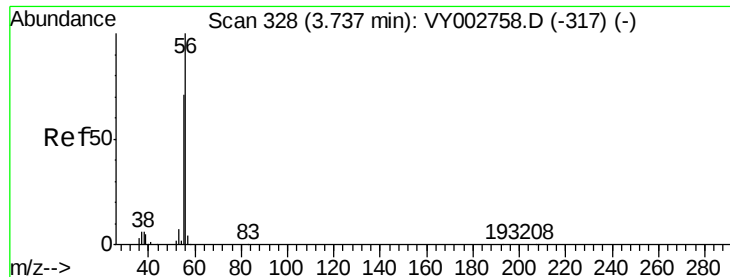
Tot Ion: 59 Resp: 33883
Ion Ratio Lower Upper
59 100
57 4.5 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 21.529 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 96 Resp: 54355
Ion Ratio Lower Upper
96 100
61 143.5 112.6 168.8
98 63.5 50.0 75.0





#13

Acrolein

Concen: 83.435 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

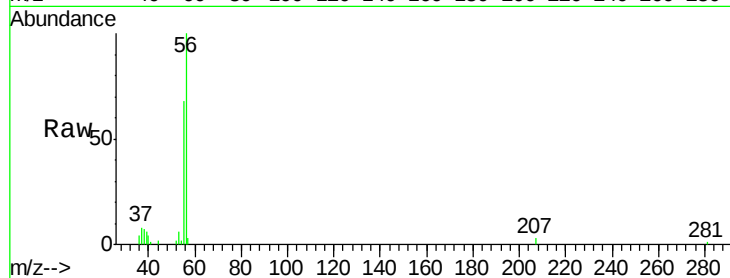
VY0609SBS01

Tot Ion: 56 Resp: 25195

Ion Ratio Lower Upper

56 100

55 73.0 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

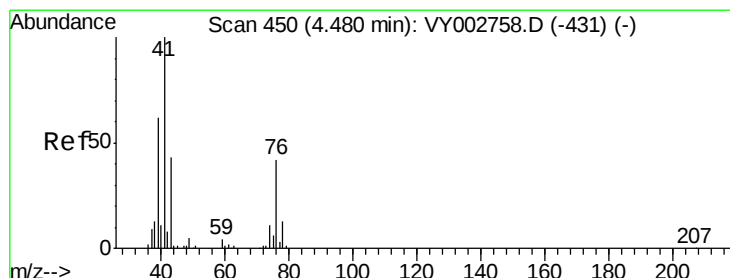
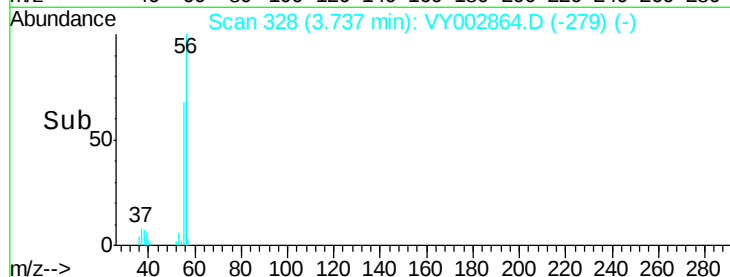
6000

4000

2000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 21.506 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

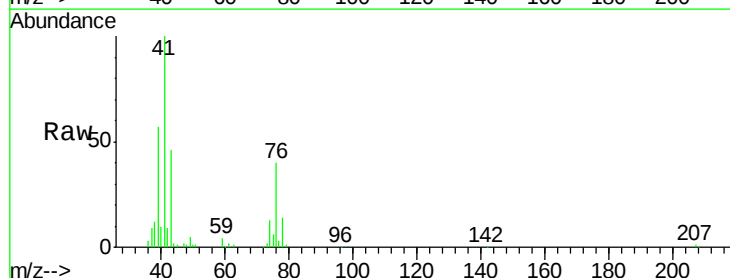
Tgt Ion: 41 Resp: 77872

Ion Ratio Lower Upper

41 100

39 62.3 49.9 74.9

76 41.0 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

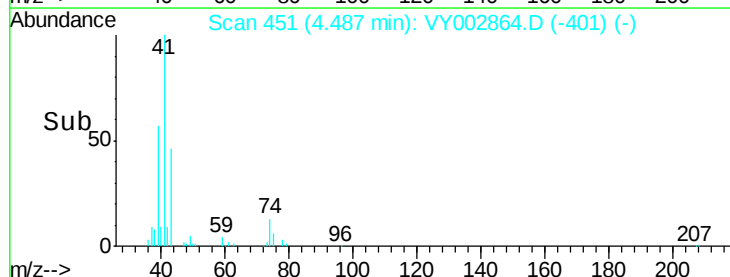
30000

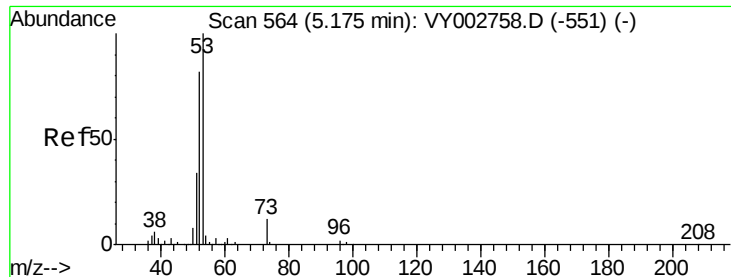
20000

10000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 109.313 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

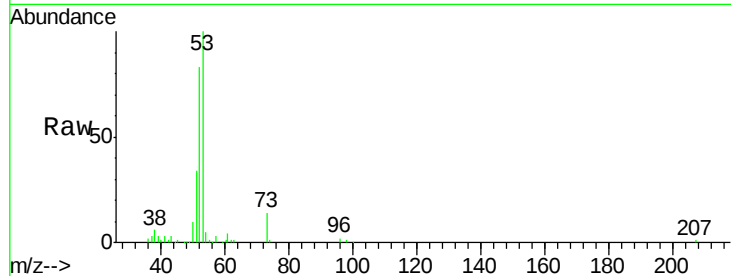
Tot Ion: 53 Resp: 81418

Ion Ratio Lower Upper

53 100

52 81.1 65.3 97.9

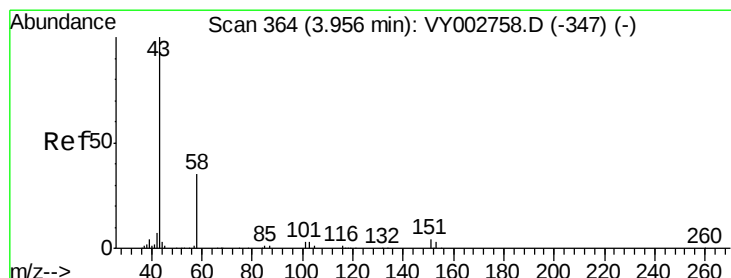
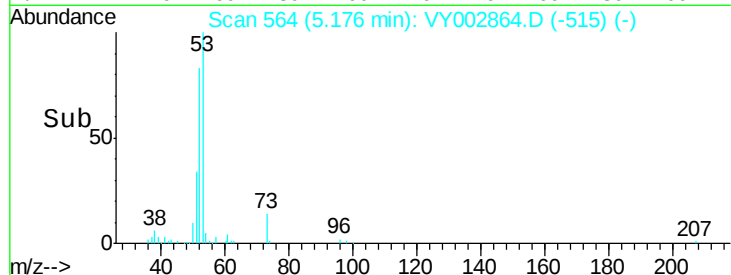
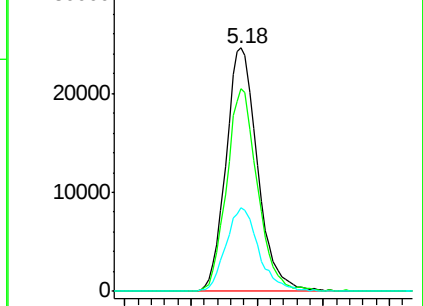
51 35.7 28.0 42.0



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: 109.108 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002864.D

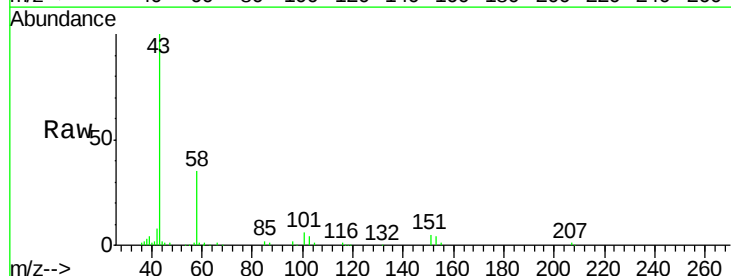
Acq: 09 Jun 2020 11:23

Tgt Ion: 43 Resp: 65926

Ion Ratio Lower Upper

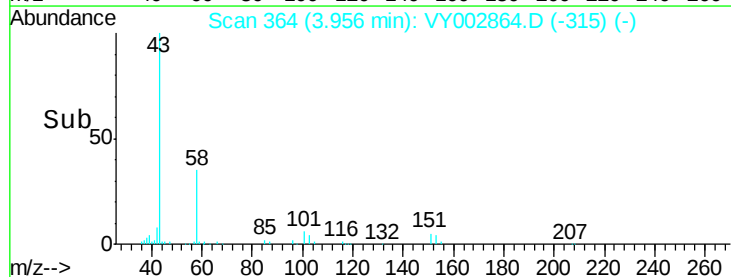
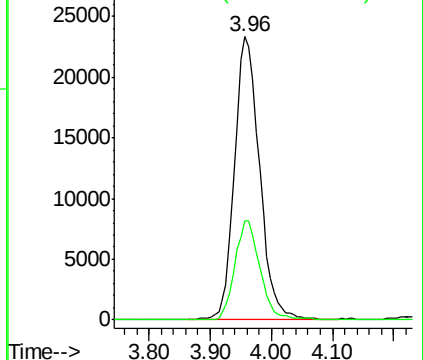
43 100

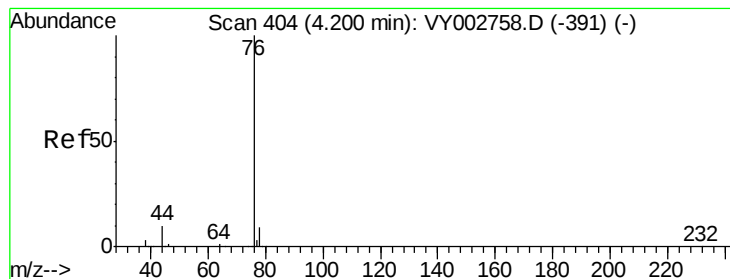
58 34.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.450 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

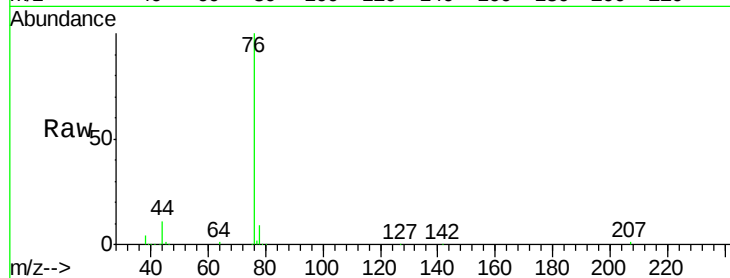
VY0609SBS01

Tot Ion: 76 Resp: 156013

Ion Ratio Lower Upper

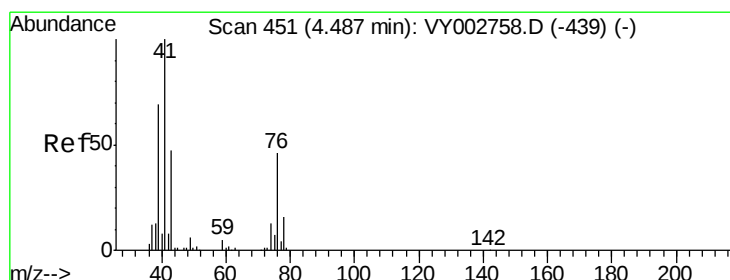
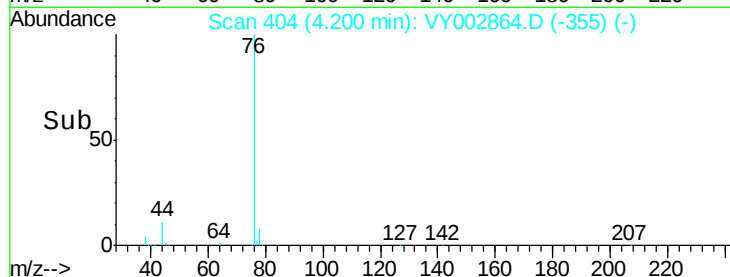
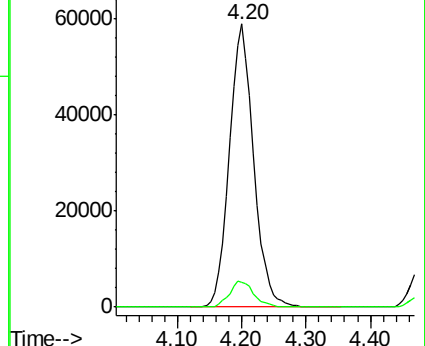
76 100

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: 25.083 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002864.D

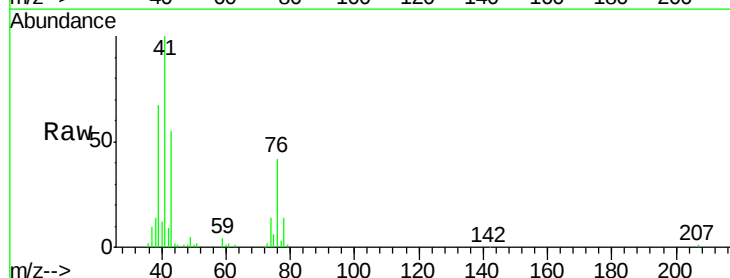
Acq: 09 Jun 2020 11:23

Tgt Ion: 43 Resp: 38761

Ion Ratio Lower Upper

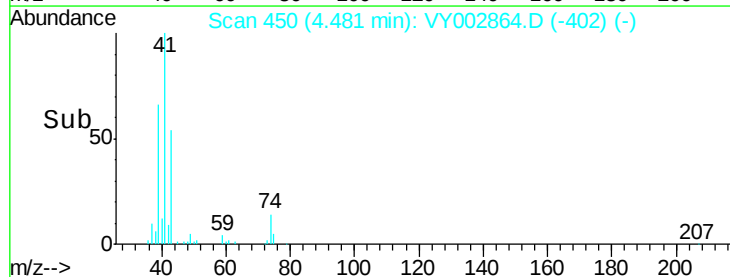
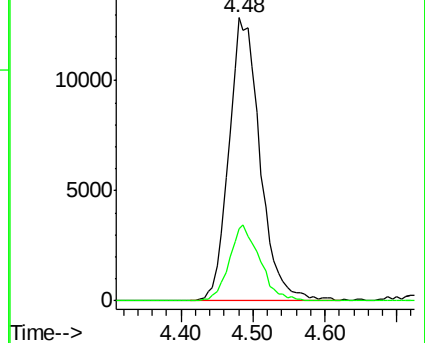
43 100

74 26.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

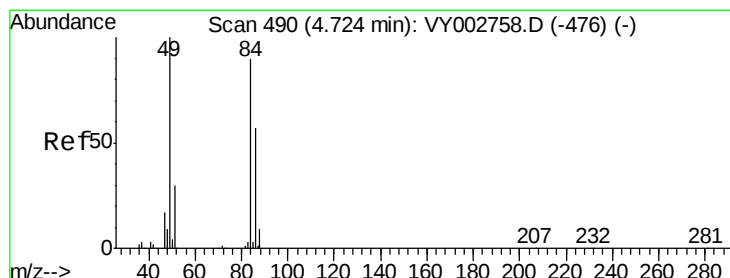
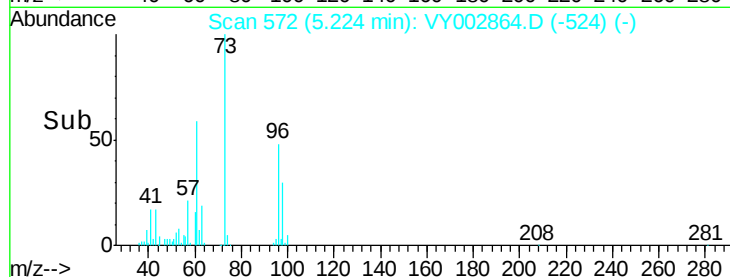
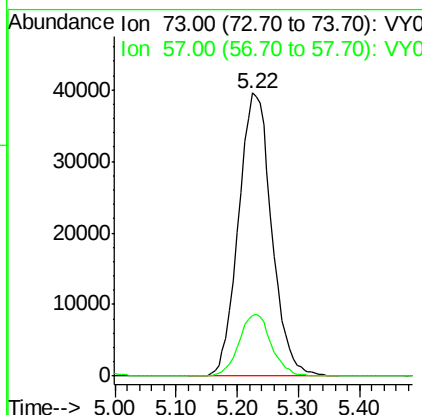
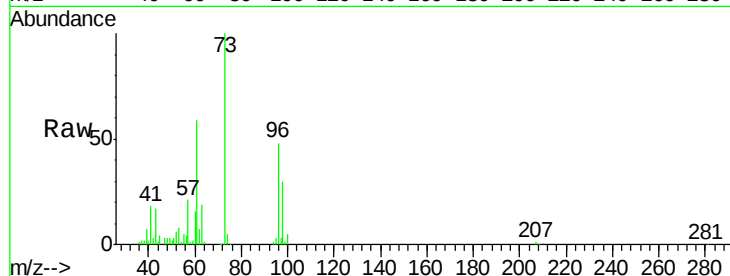




#19
Methvl tert-butvl Ether
Concen: 21.365 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

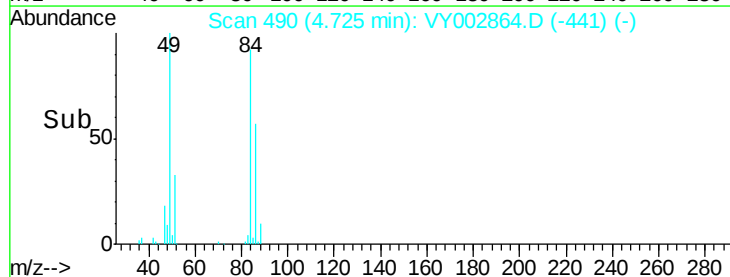
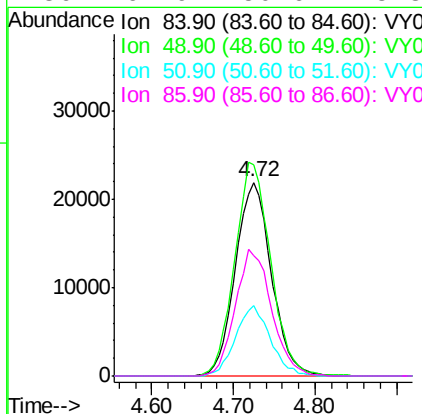
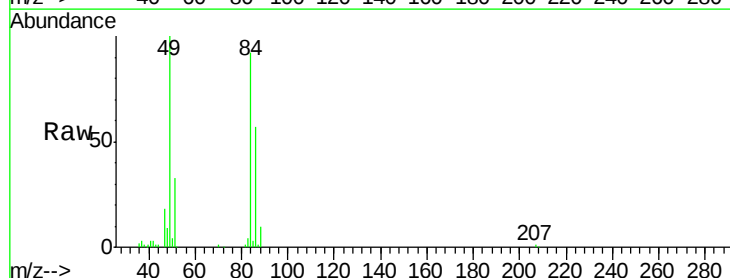
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 73 Resp: 148912
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 22.800 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 84 Resp: 67323
Ion Ratio Lower Upper
84 100
49 108.8 88.5 132.7
51 36.2 26.8 40.2
86 61.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.820 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

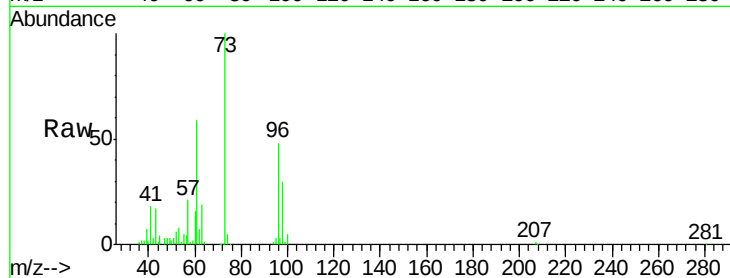
Tot Ion: 96 Resp: 59112

Ion Ratio Lower Upper

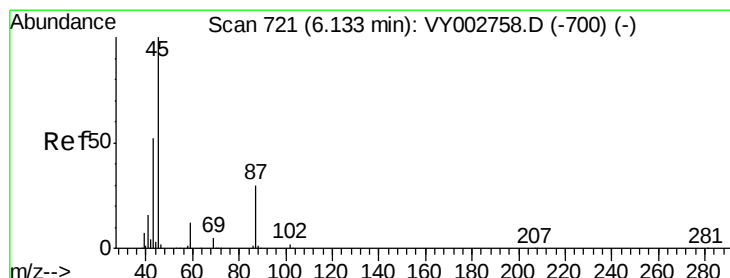
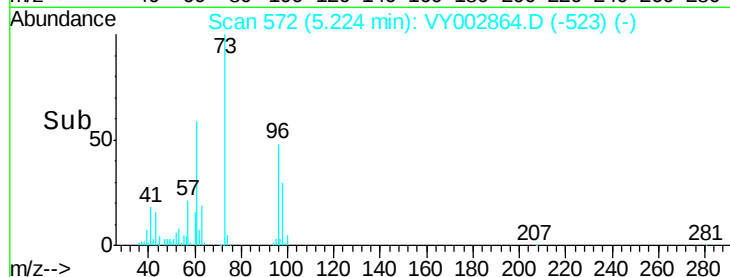
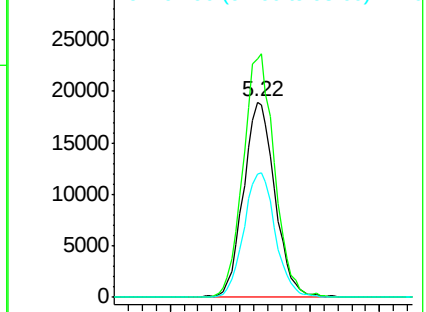
96 100

61 122.5 96.8 145.2

98 63.1 49.4 74.0



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



#22

Diisopropyl ether

Concen: 21.695 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Tgt Ion: 45 Resp: 163246

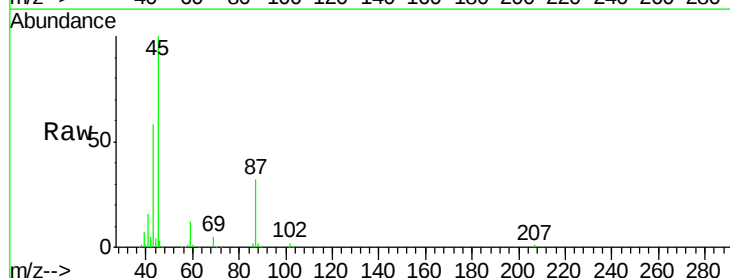
Ion Ratio Lower Upper

45 100

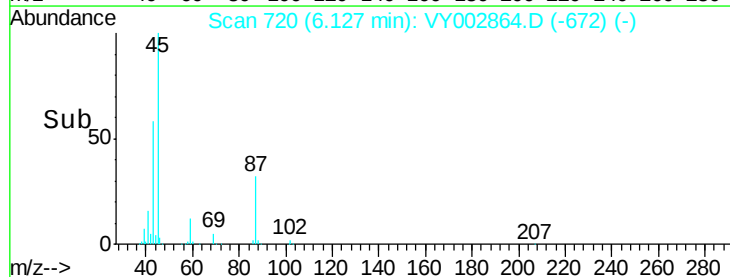
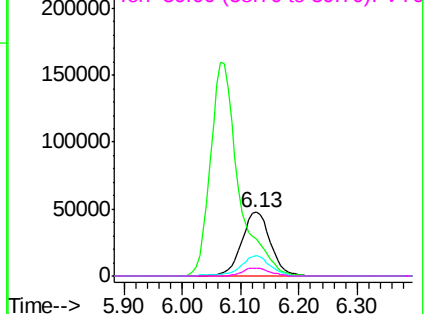
43 57.6 41.7 62.5

87 31.6 24.2 36.2

59 11.9 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: 107.573 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

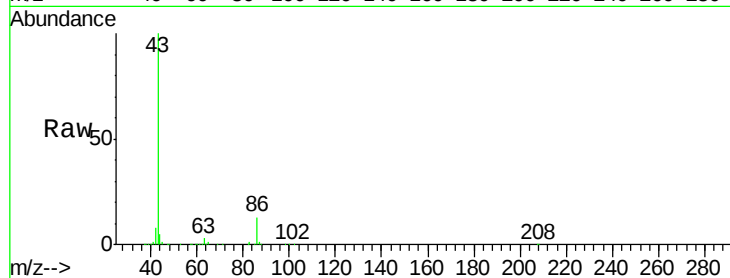
VY0609SBS01

Tot Ion: 43 Resp: 534411

Ion Ratio Lower Upper

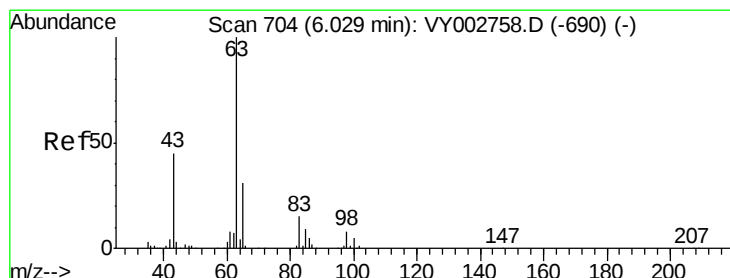
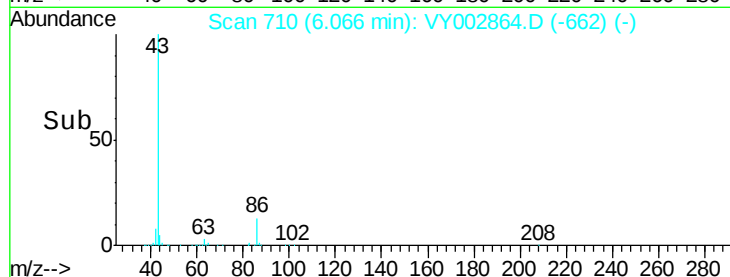
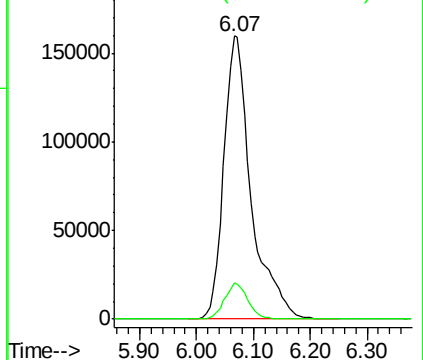
43 100

86 12.7 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: 21.630 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

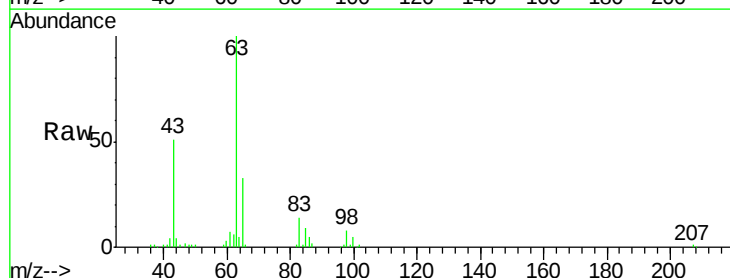
Tgt Ion: 63 Resp: 95207

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.2

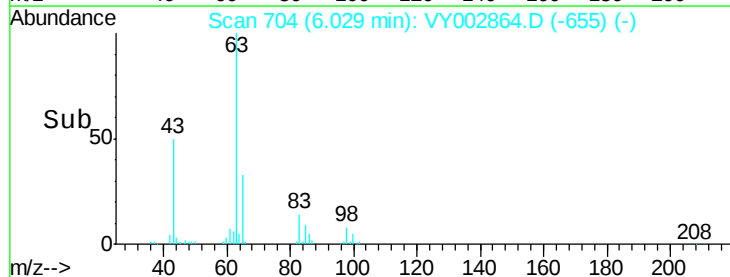
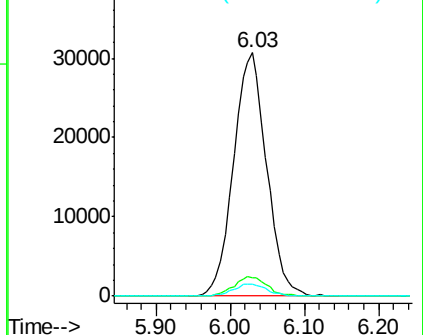
100 5.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

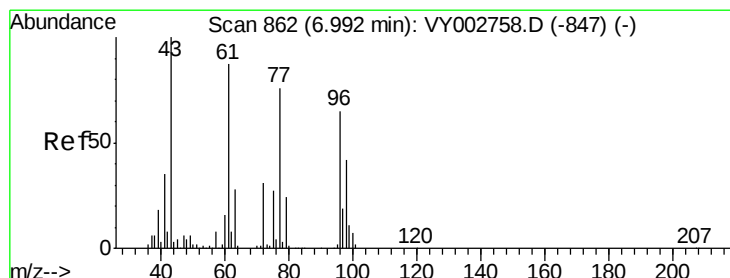
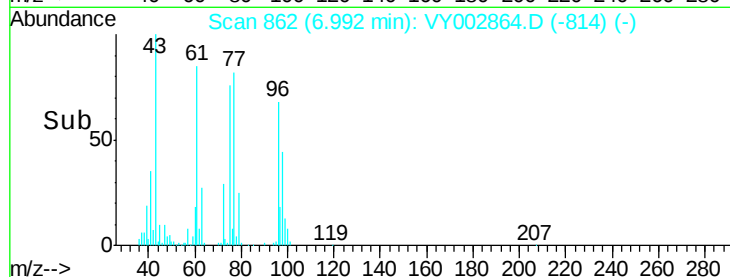
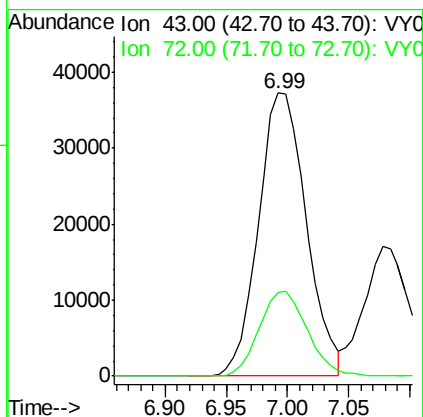
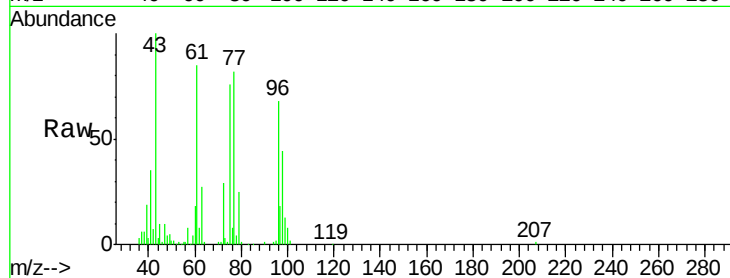




#25
2-Butanone
Concen: 107.575 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

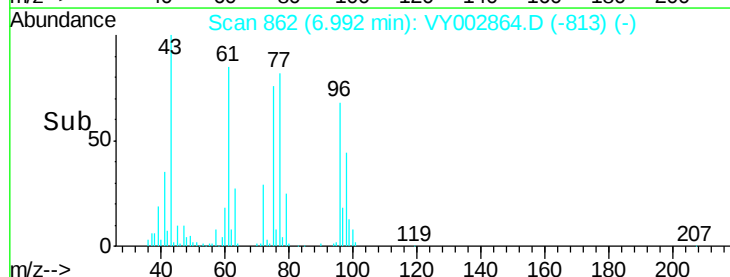
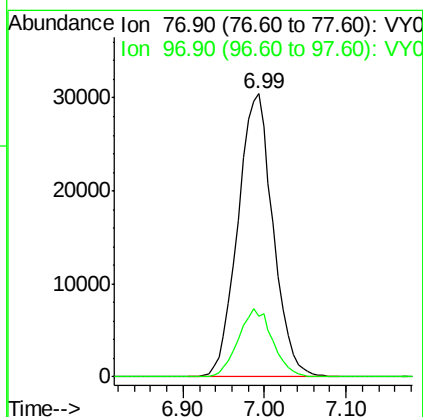
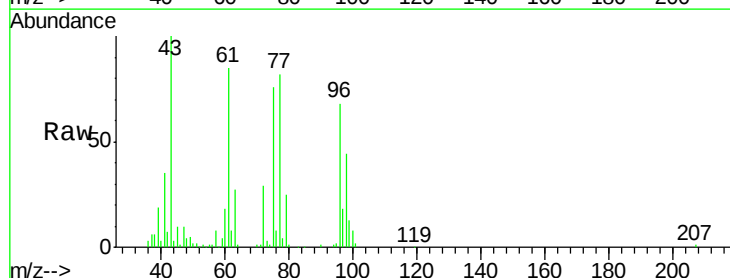
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 43 Resp: 101269
Ion Ratio Lower Upper
43 100
72 29.4 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.586 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 77 Resp: 91126
Ion Ratio Lower Upper
77 100
97 23.4 12.2 36.6



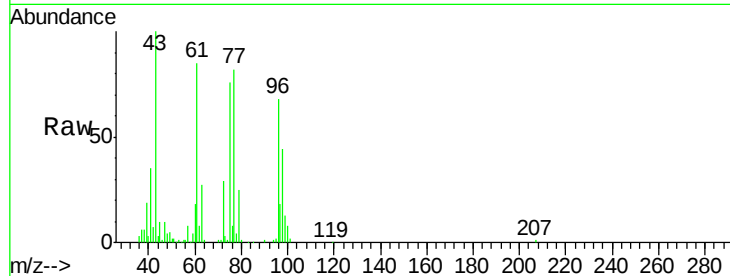


#27

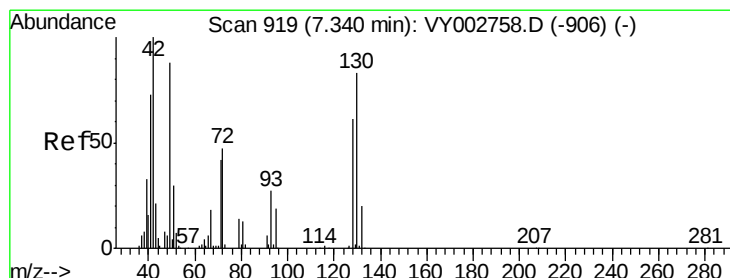
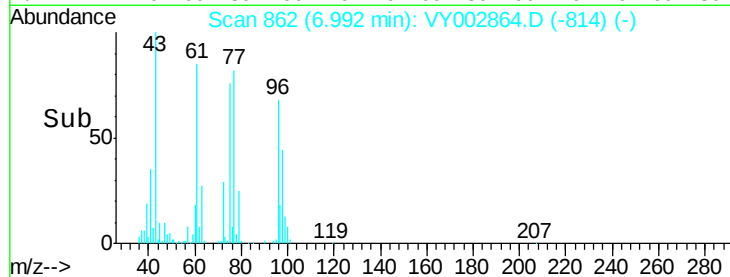
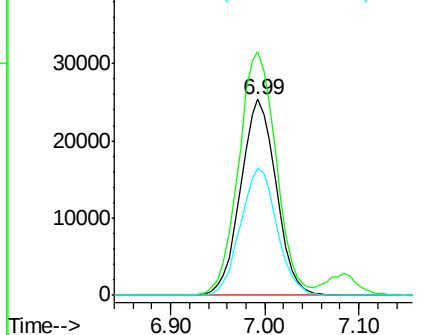
cis-1,2-Dichloroethene
 Concen: 21.050 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Tot Ion	96	Resp	66907
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	260.2
98	66.2	0.0	128.2



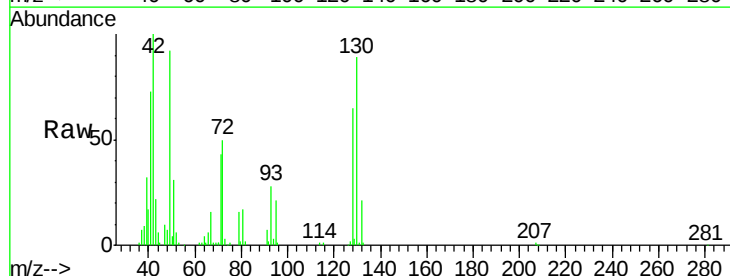
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



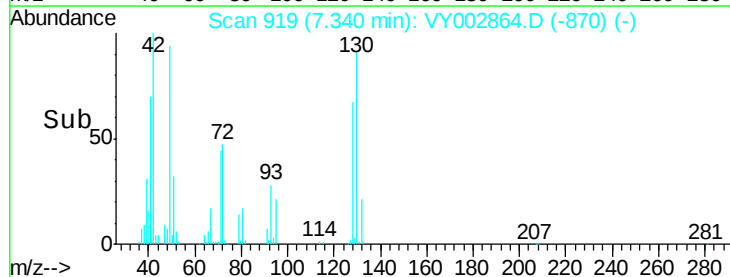
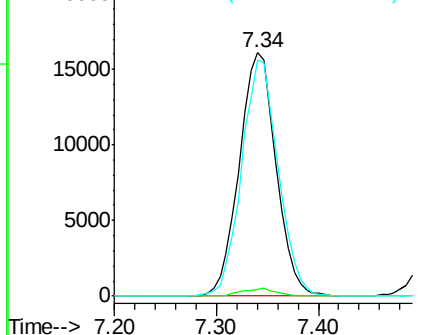
#28

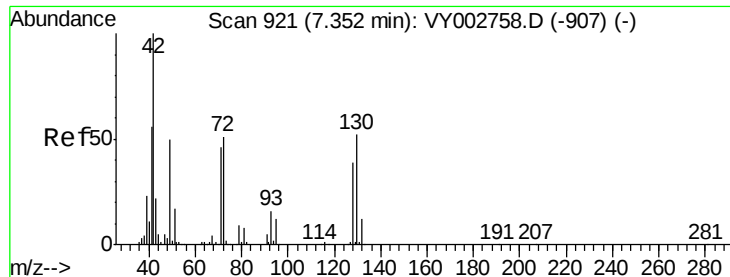
Bromochloromethane
 Concen: 22.387 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion	49	Resp	40453
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	96.4	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: 109.243 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

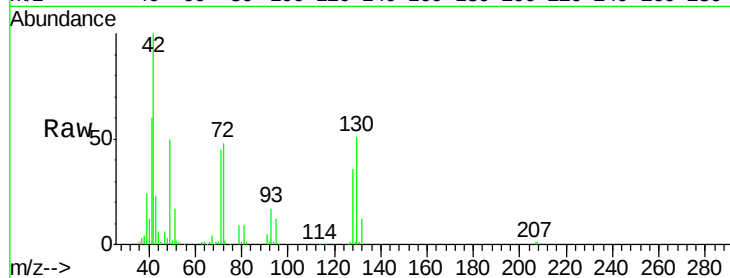
Tot Ion: 42 Resp: 66893

Ion Ratio Lower Upper

42 100

72 48.4 38.6 58.0

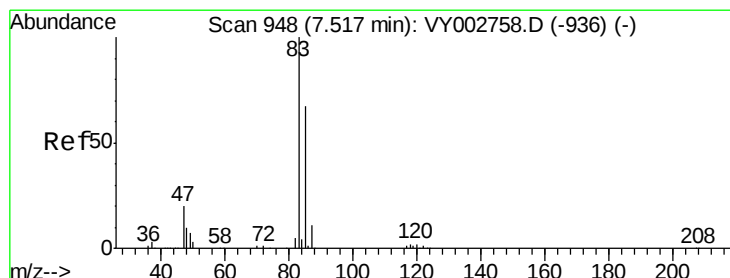
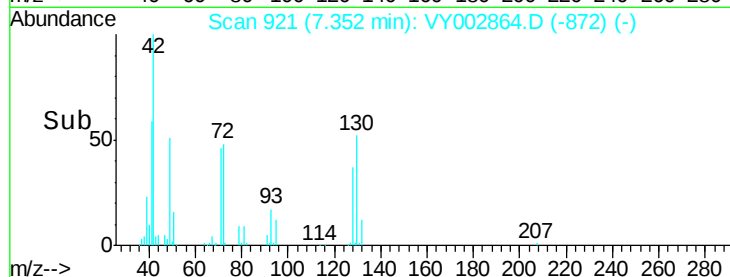
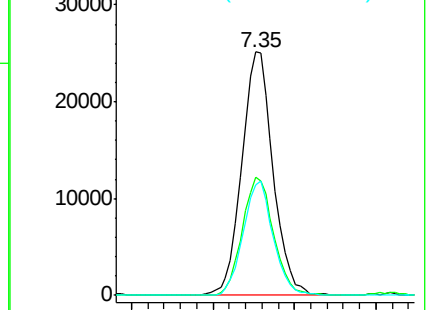
71 45.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.420 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002864.D

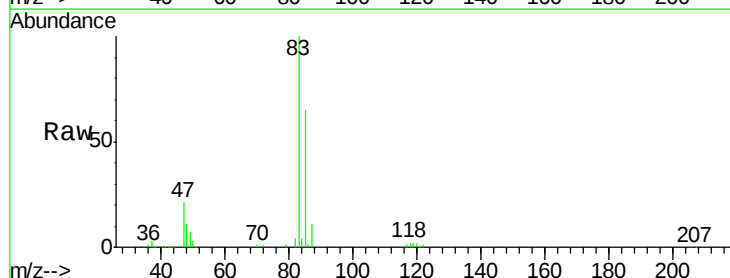
Acq: 09 Jun 2020 11:23

Tgt Ion: 83 Resp: 100047

Ion Ratio Lower Upper

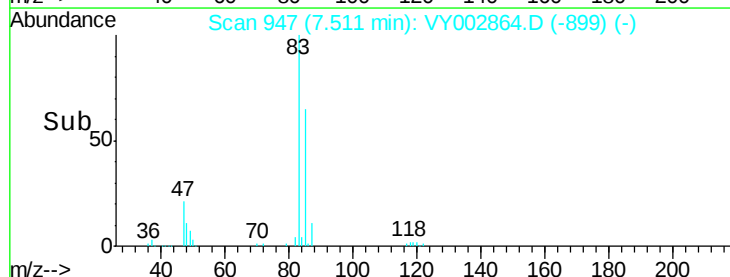
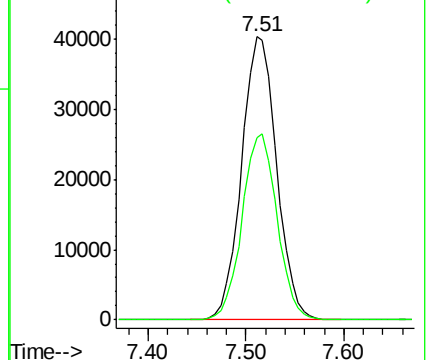
83 100

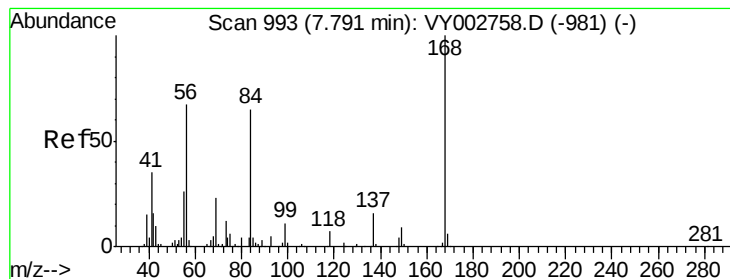
85 64.5 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.689 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

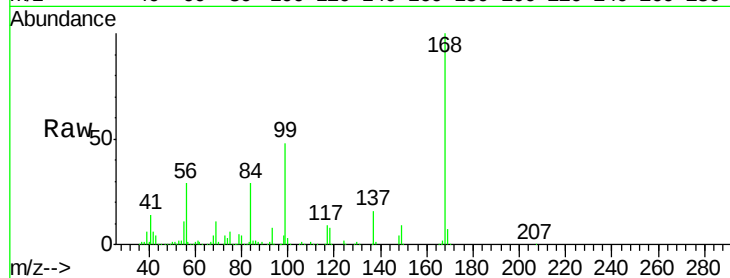
Tot Ion: 56 Resp: 90418

Ion Ratio Lower Upper

56 100

69 40.0 28.0 42.0

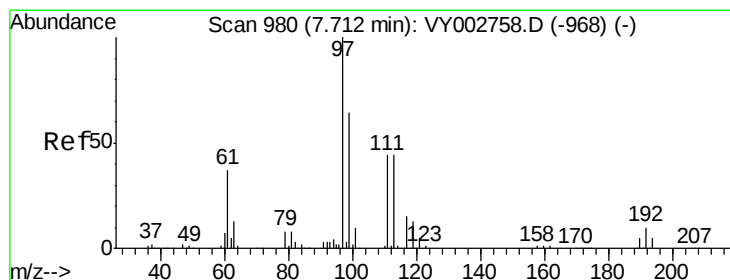
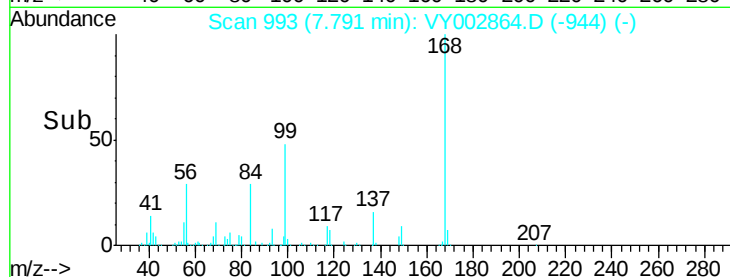
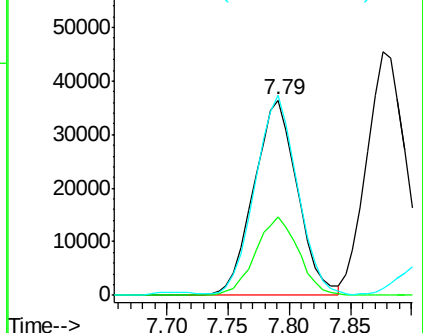
84 100.7 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.195 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

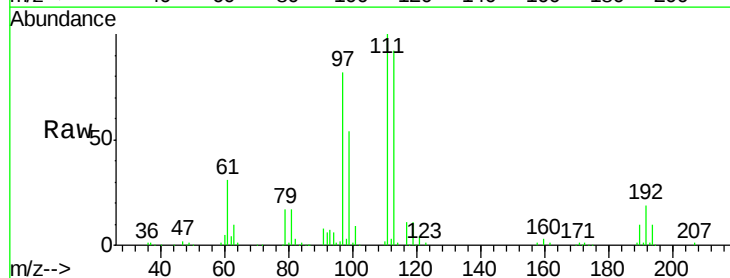
Tgt Ion: 97 Resp: 92250

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

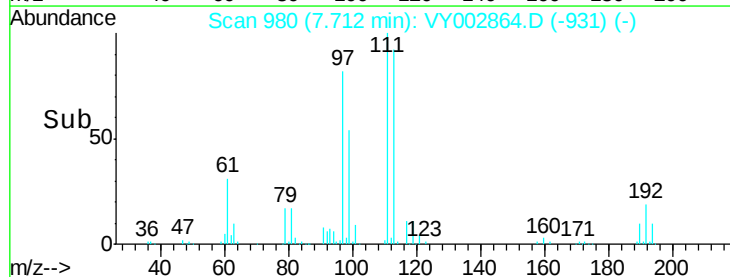
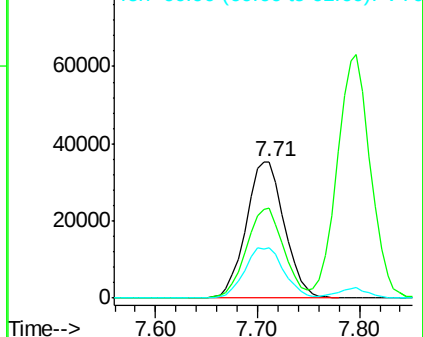
61 38.1 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

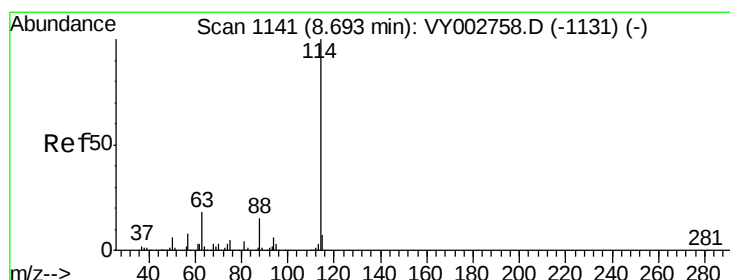
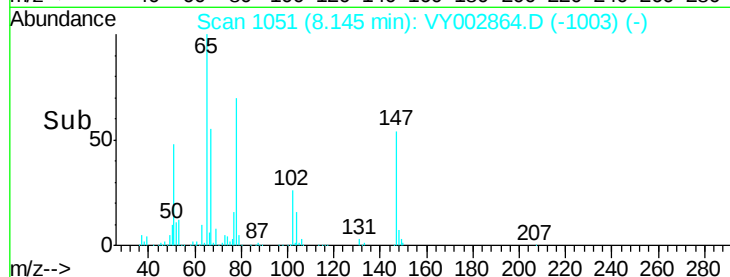
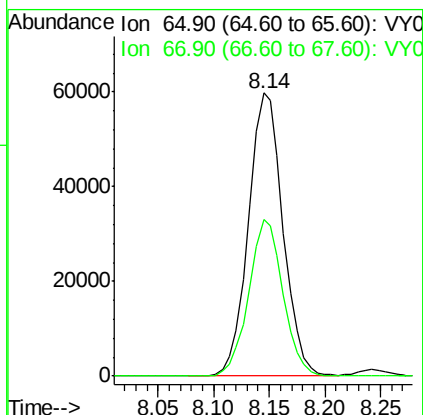
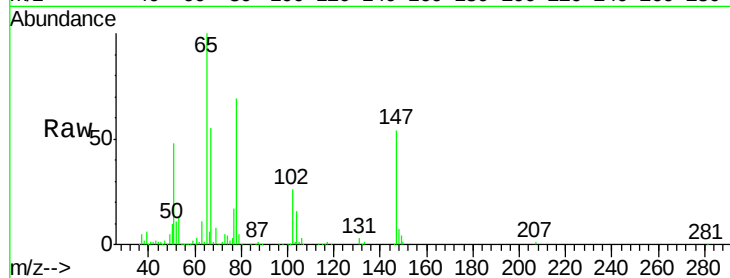




#33
 1,2-Dichloroethane-d4
 Concen: 50.091 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

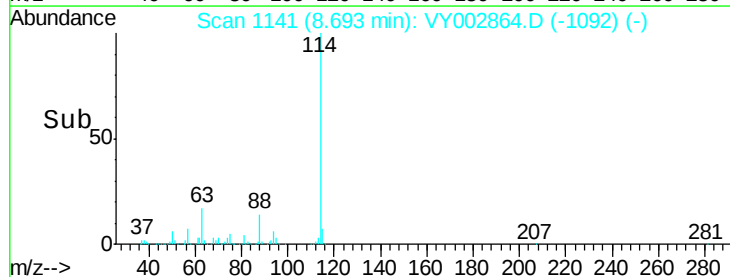
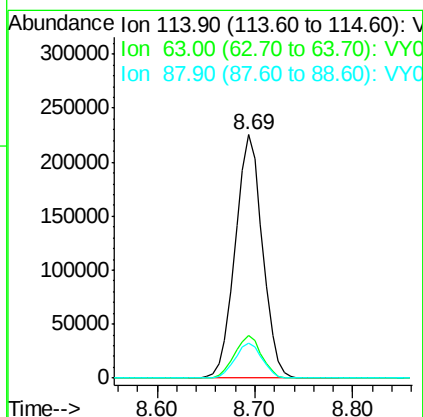
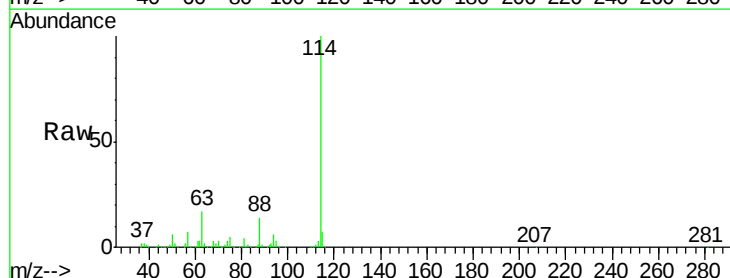
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Tot Ion: 65 Resp: 129073
 Ion Ratio Lower Upper
 65 100
 67 54.7 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: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion: 114 Resp: 434621
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.3 0.0 29.2

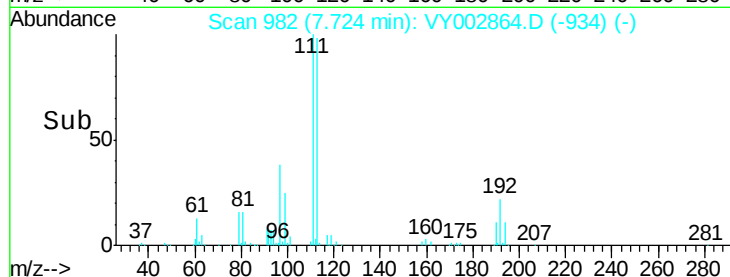
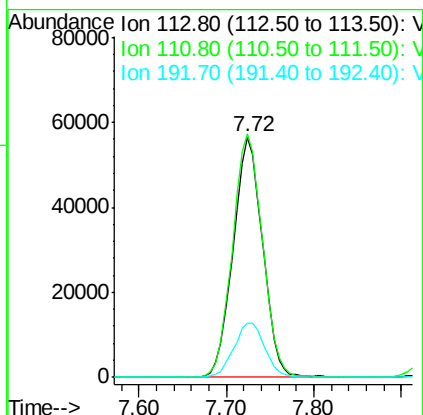
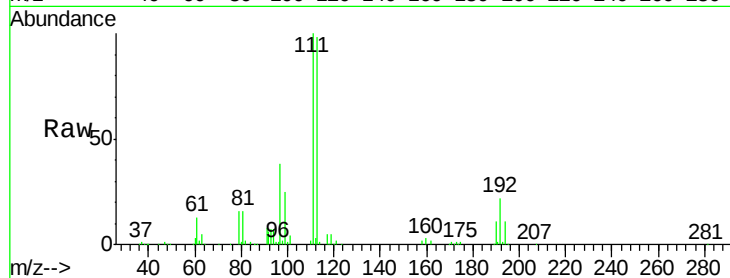




#35
 Dibromofluoromethane
 Concen: 51.918 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

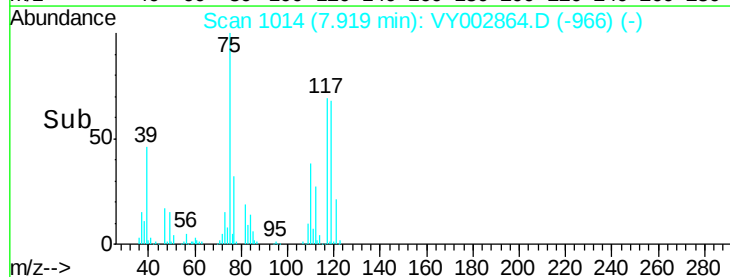
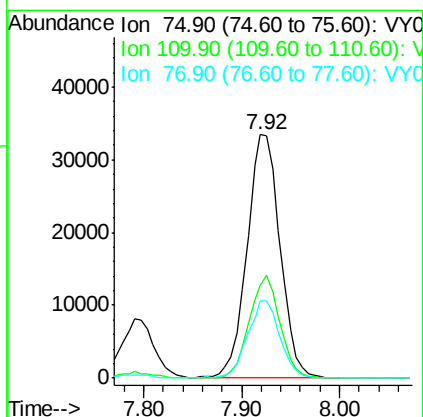
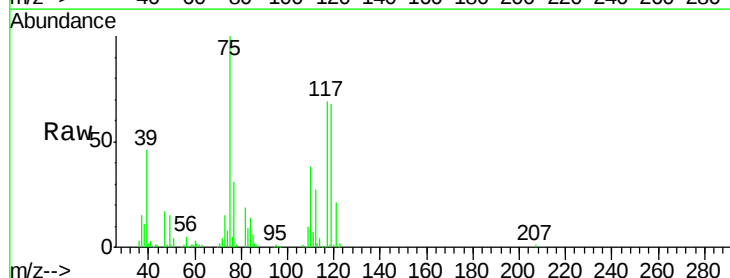
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

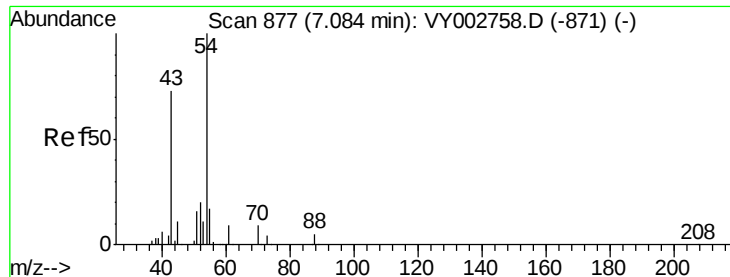
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.393 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.3	57.9
77	31.2	24.8	37.2

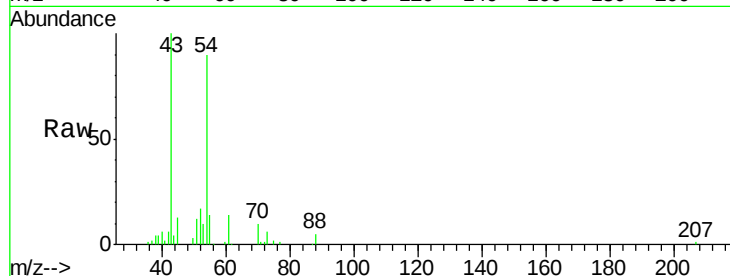




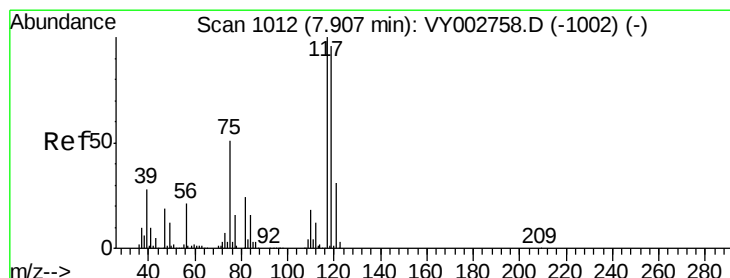
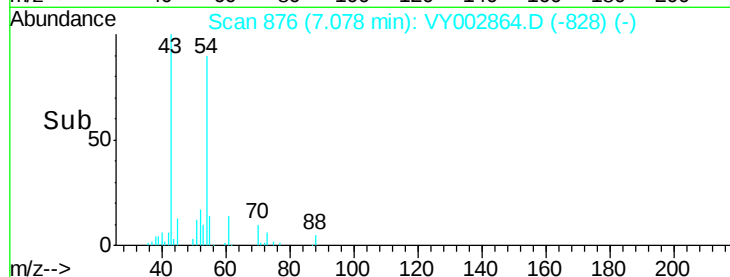
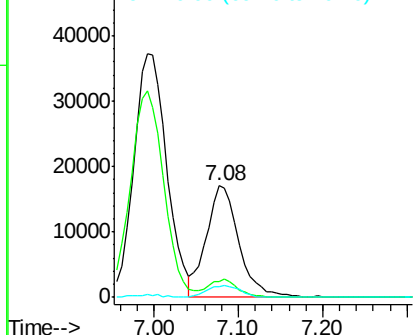
#37
Ethyl Acetate
Concen: 23.181 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 43 Resp: 46176
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 10.9 9.1 13.7

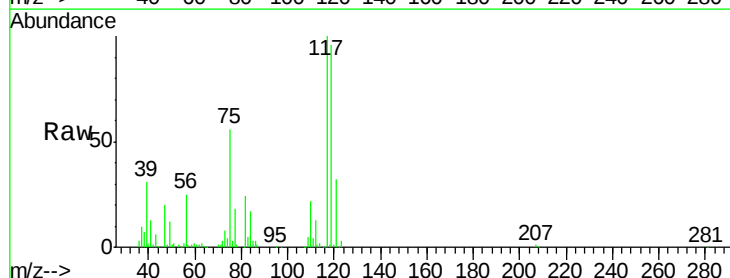


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

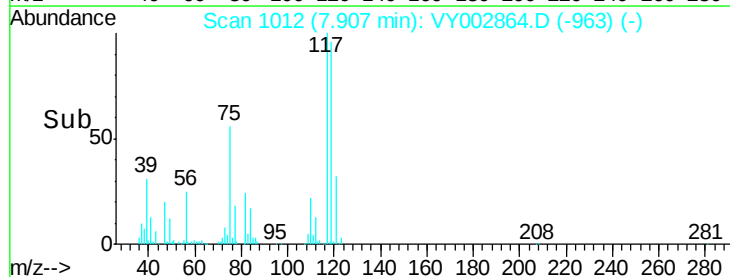
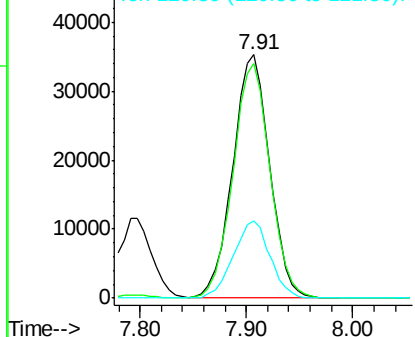


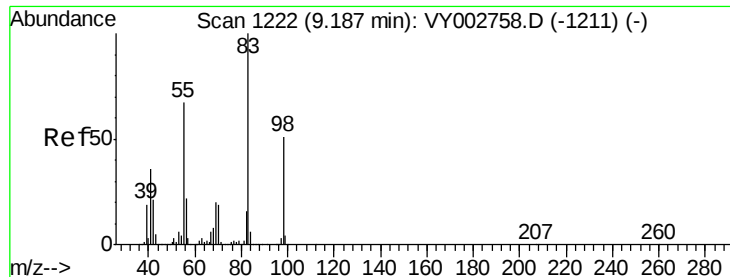
#38
Carbon Tetrachloride
Concen: 21.131 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 117 Resp: 85945
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2
121 31.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

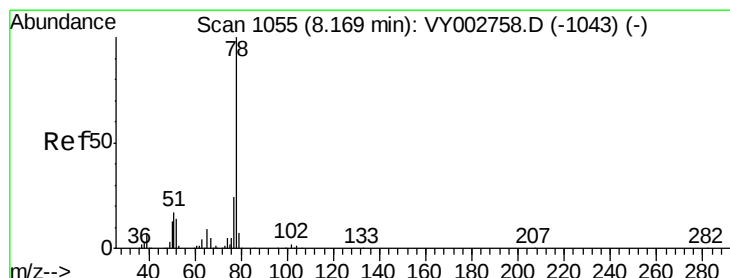
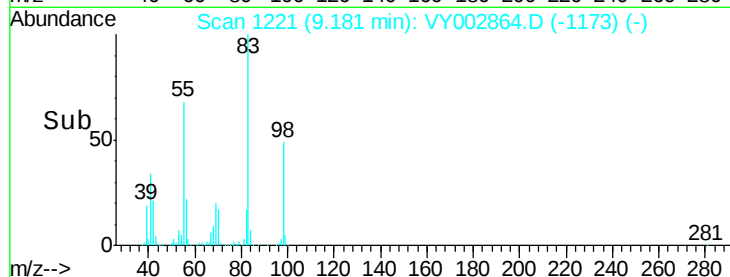
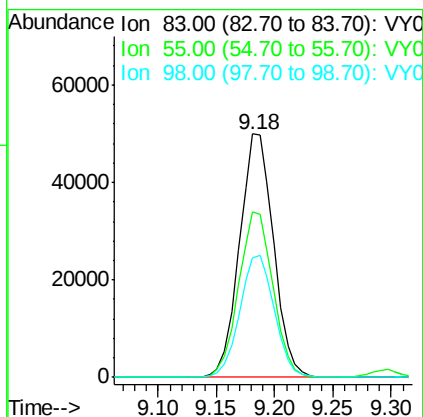
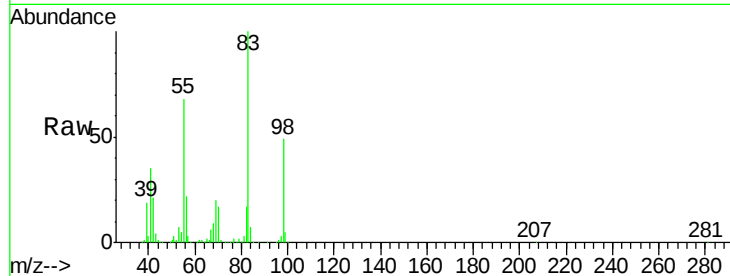




#39
Methvlcvclohexane
Concen: 21.114 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

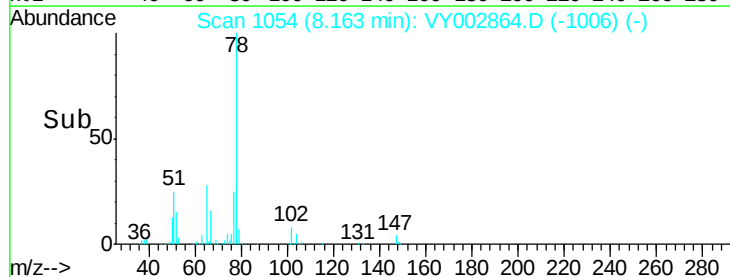
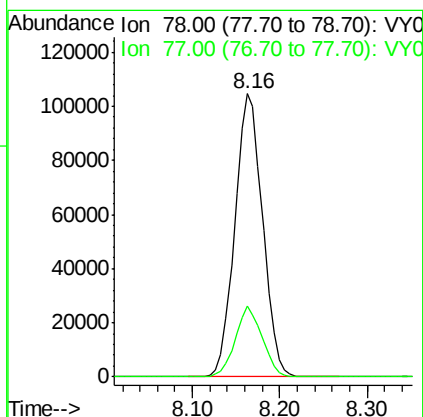
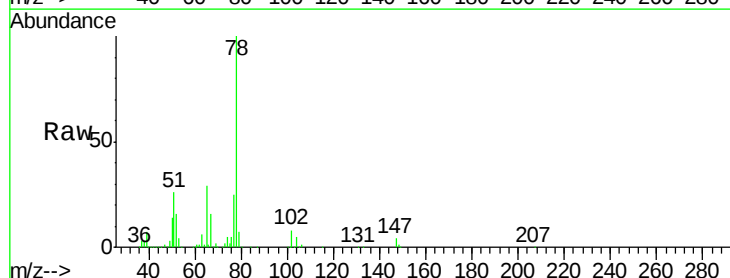
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

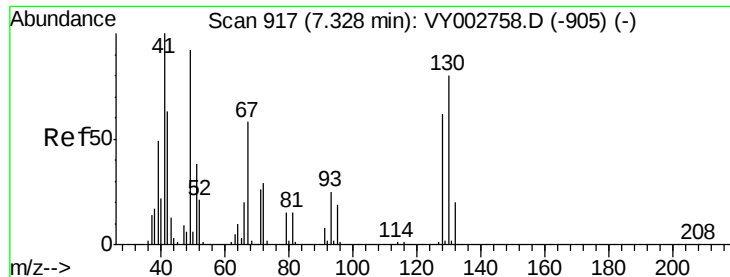
Tot Ion: 83 Resp: 101891
Ion Ratio Lower Upper
83 100
55 68.1 53.3 79.9
98 49.1 41.1 61.7



#40
Benzene
Concen: 21.283 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 78 Resp: 230239
Ion Ratio Lower Upper
78 100
77 25.0 18.8 28.2

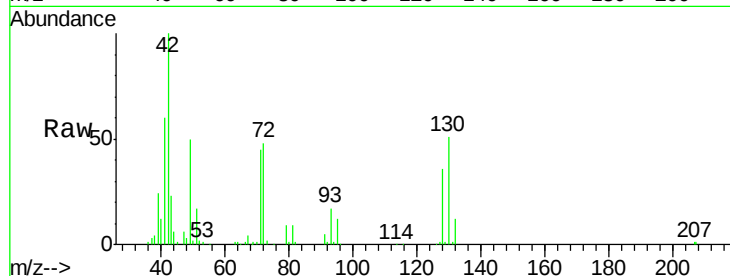




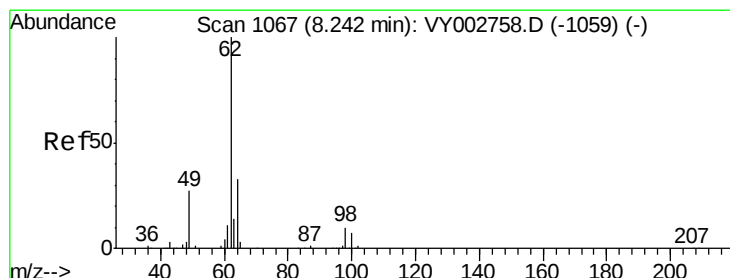
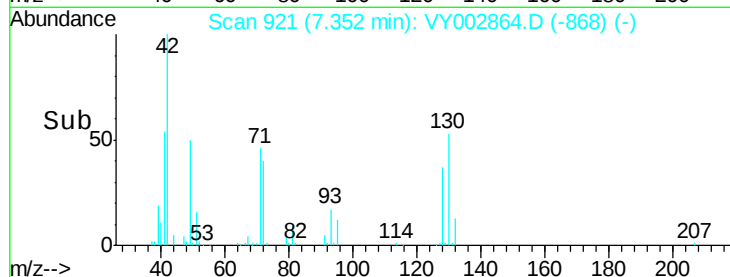
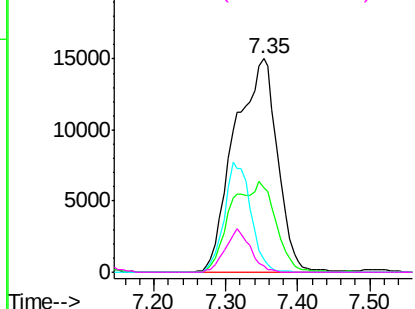
#41
Methacrylonitrile
Concen: 58.312 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion:	41	Resp:	62401
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

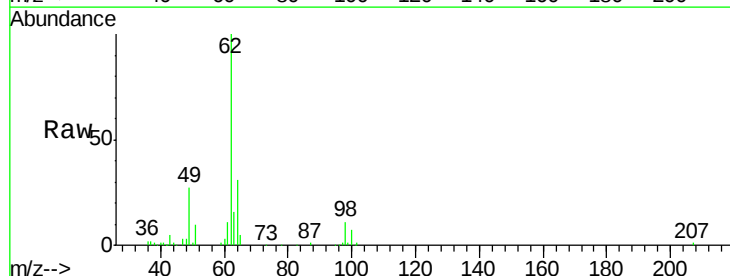


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

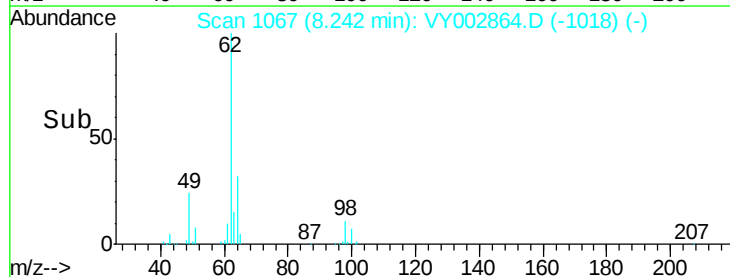
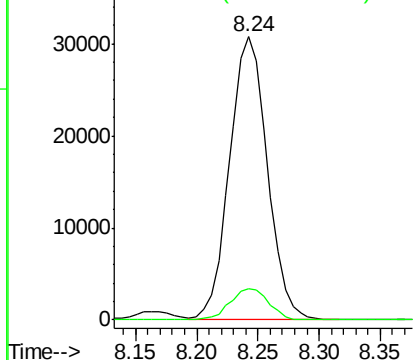


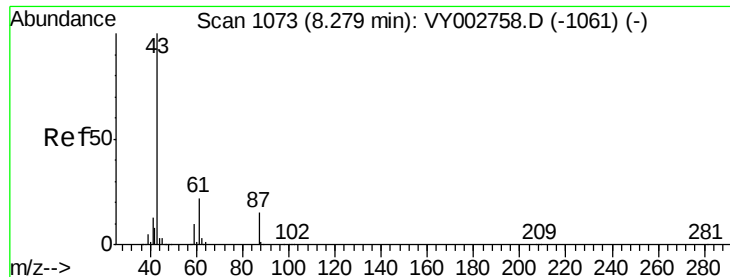
#42
1,2-Dichloroethane
Concen: 21.704 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion:	62	Resp:	65802
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 21.733 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

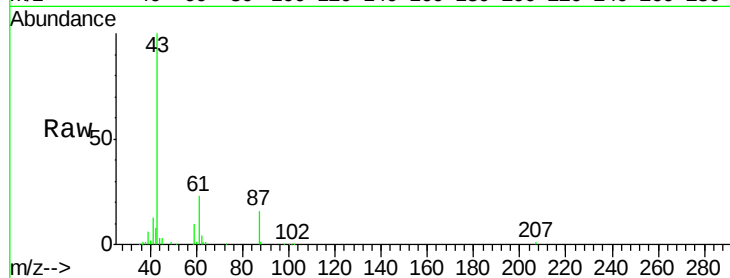
Tot Ion: 43 Resp: 82035

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

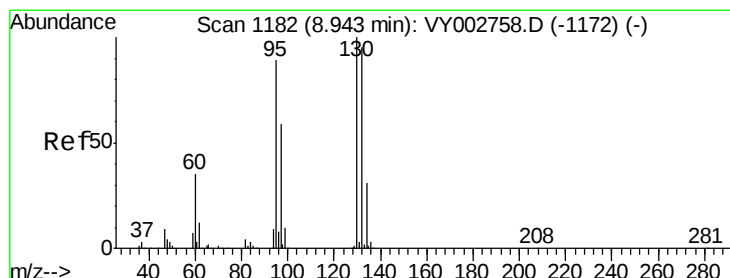
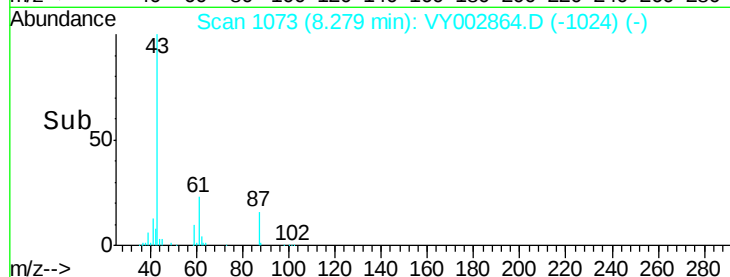
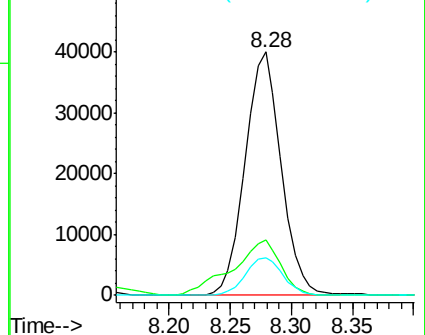
87 16.3 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 21.292 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002864.D

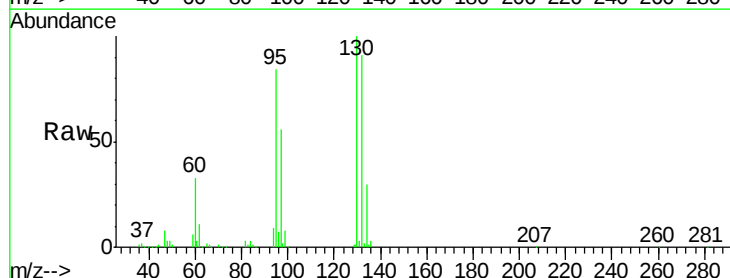
Acq: 09 Jun 2020 11:23

Tgt Ion: 130 Resp: 72755

Ion Ratio Lower Upper

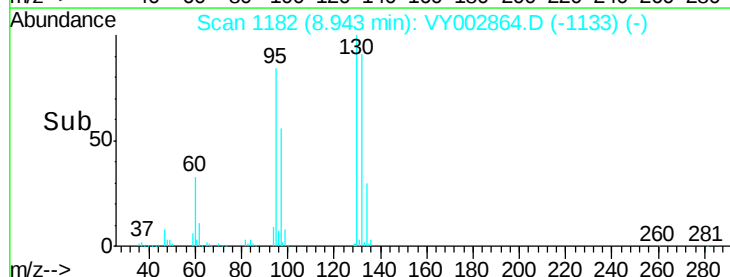
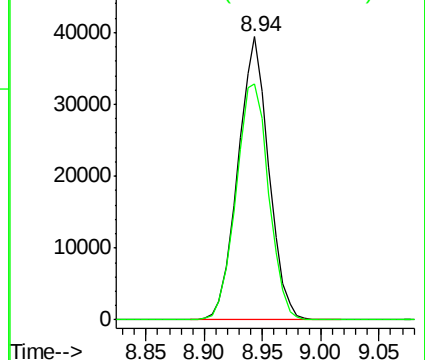
130 100

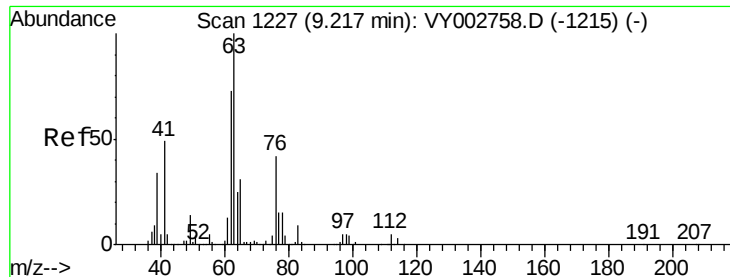
95 83.5 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 22.113 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

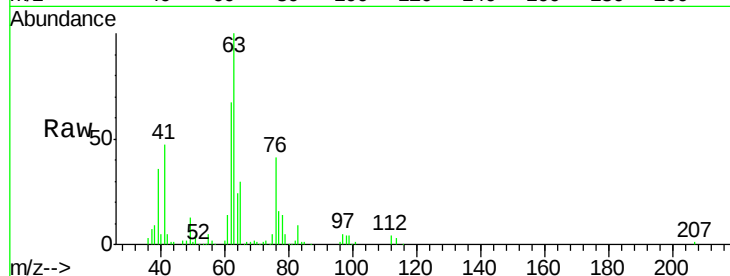
VY0609SBS01

Tot Ion: 63 Resp: 57367

Ion Ratio Lower Upper

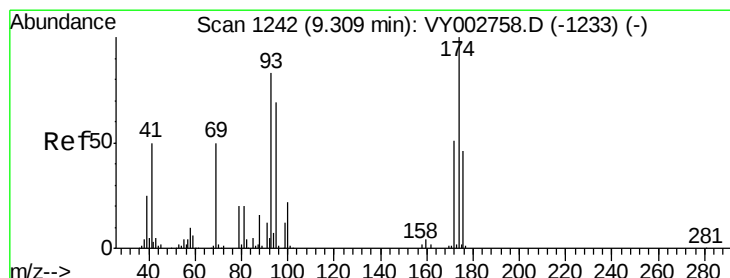
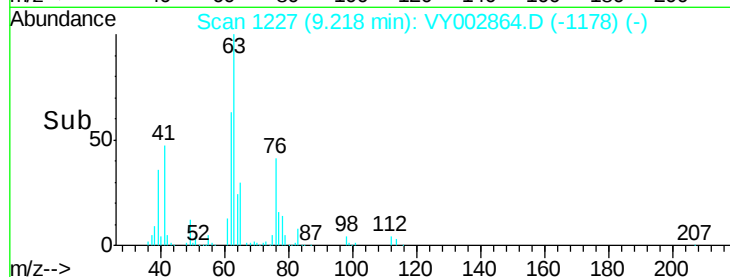
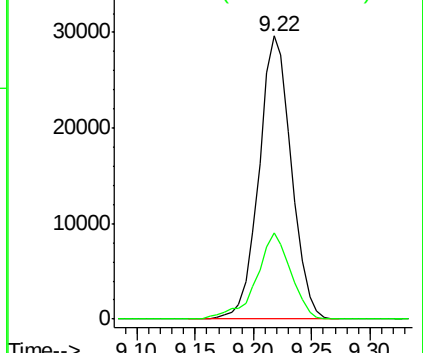
63 100

65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.901 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

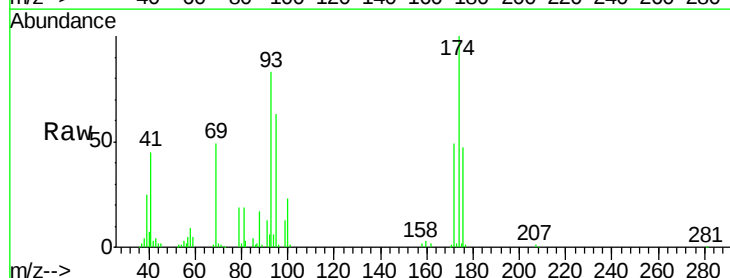
Tgt Ion: 93 Resp: 33743

Ion Ratio Lower Upper

93 100

95 82.1 66.9 100.3

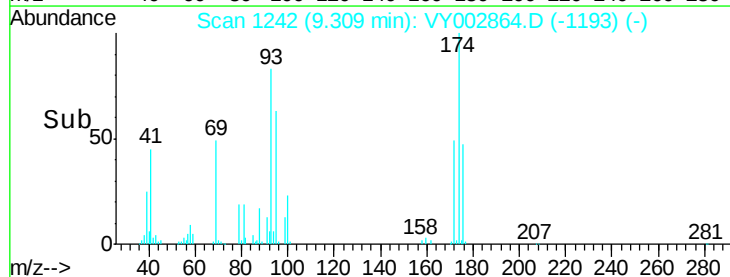
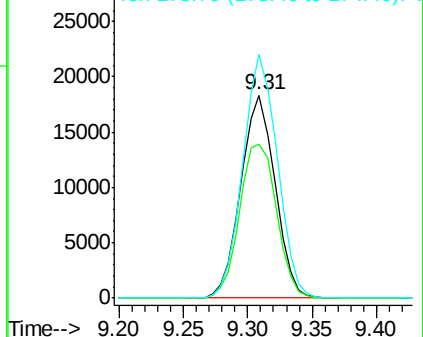
174 121.2 97.7 146.5

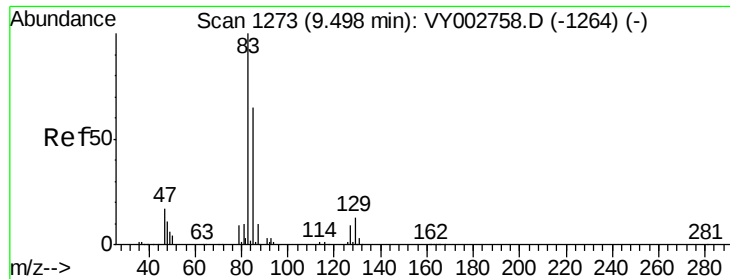


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

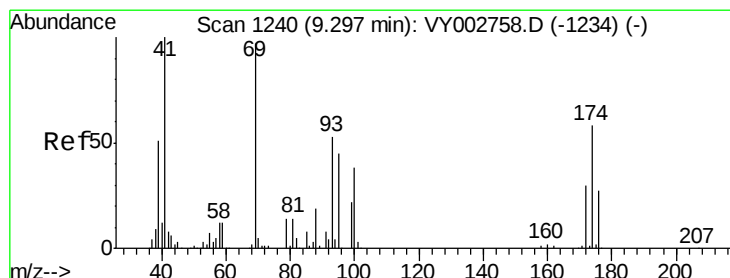
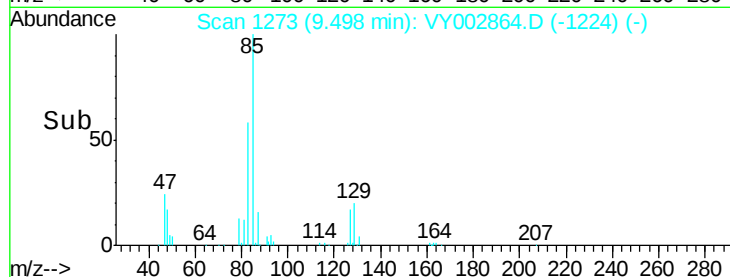
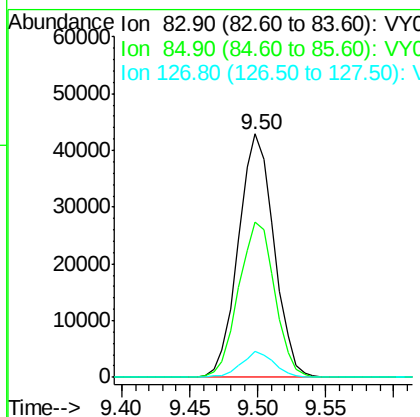
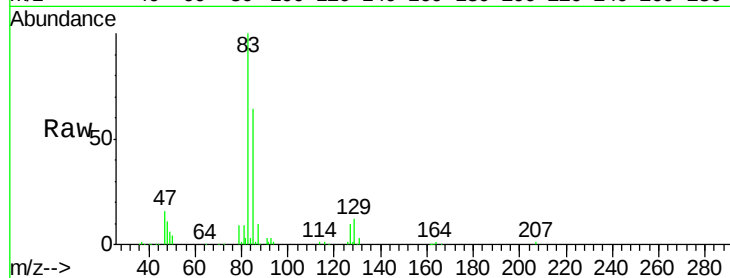




#47
Bromodichloromethane
Concen: 21.589 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

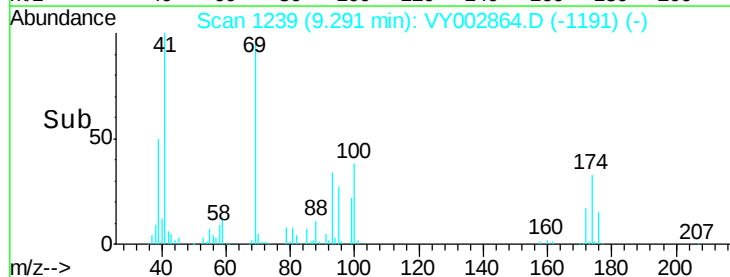
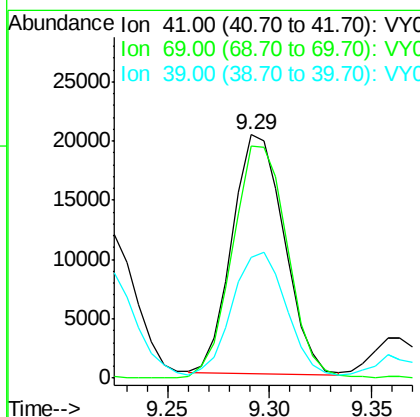
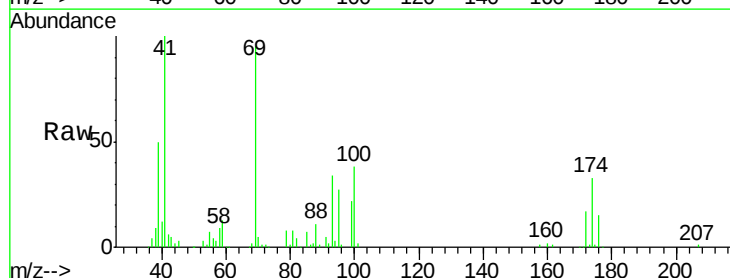
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

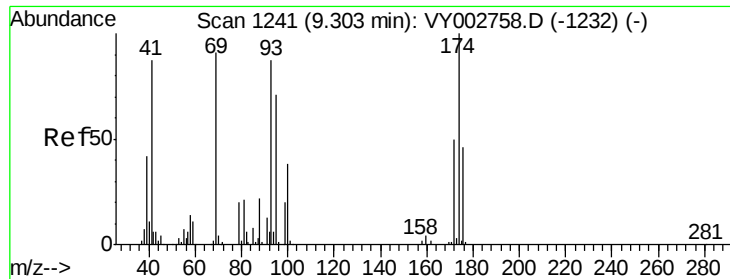
Tot Ion: 83 Resp: 78413
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 10.5 7.1 10.7



#48
Methyl methacrylate
Concen: 21.008 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 41 Resp: 35799
Ion Ratio Lower Upper
41 100
69 102.3 79.7 119.5
39 55.5 43.3 64.9

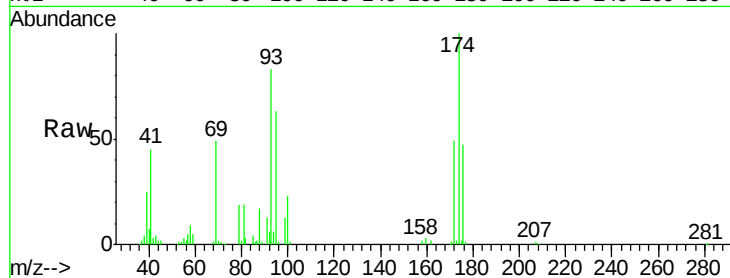




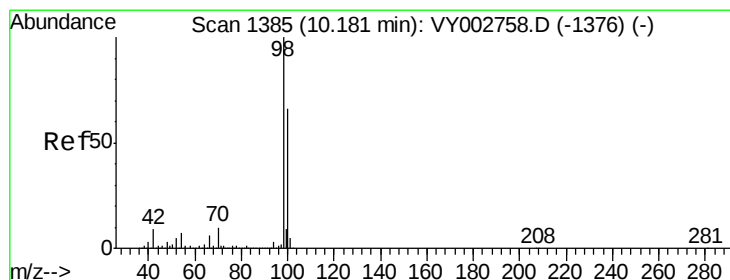
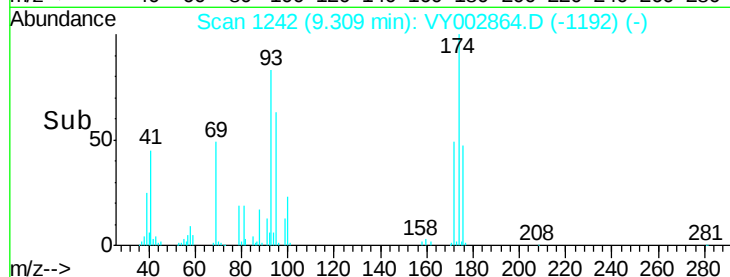
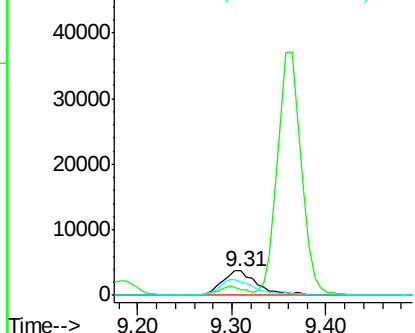
#49
1,4-Dioxane
Concen: 420.047 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 88 Resp: 9937
Ion Ratio Lower Upper
88 100
43 26.4 21.3 31.9
58 66.1 52.2 78.2

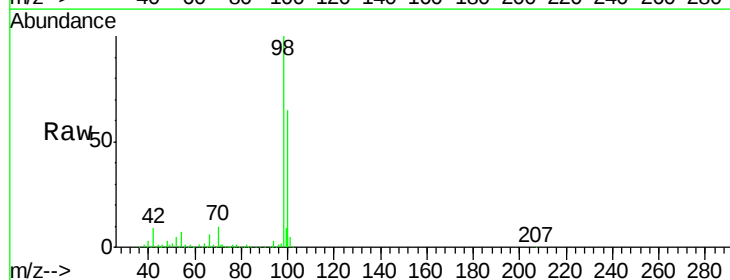


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

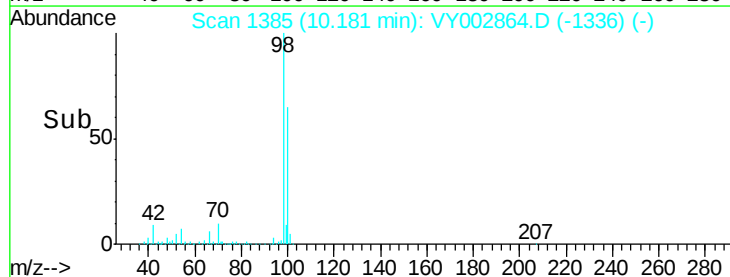
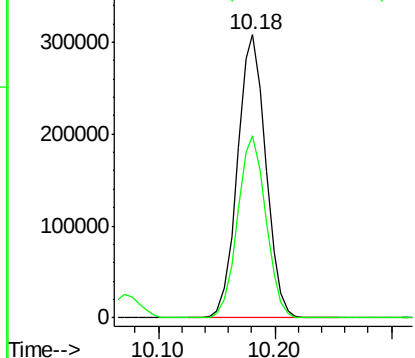


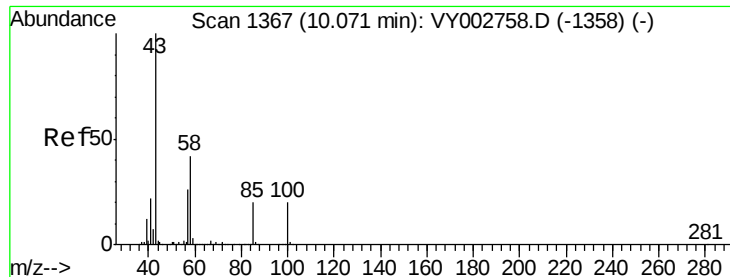
#50
Toluene-d8
Concen: 50.591 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 98 Resp: 521016
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

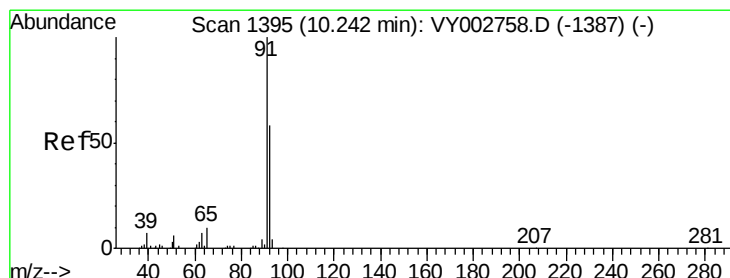
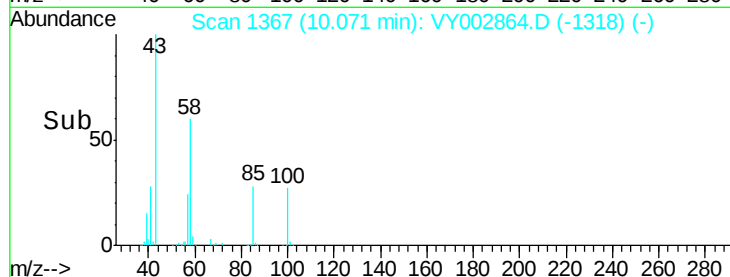
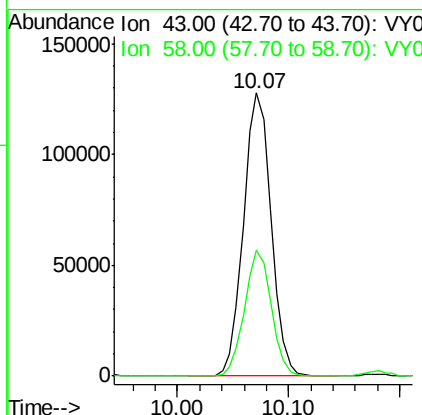
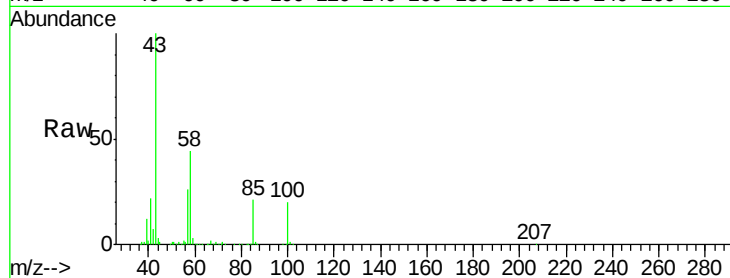




#51
4-Methyl-2-Pentanone
Concen: 110.489 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

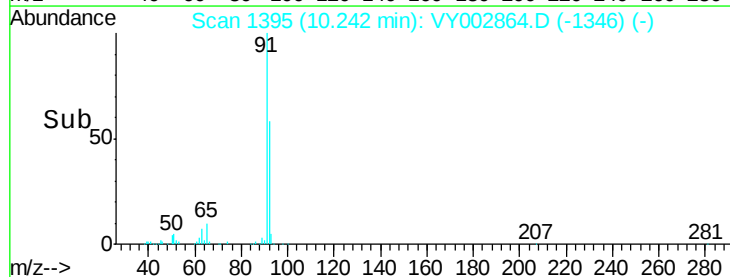
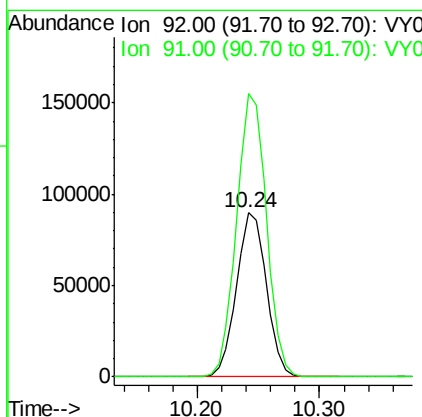
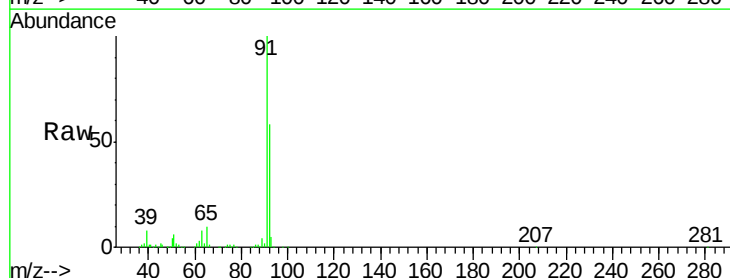
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

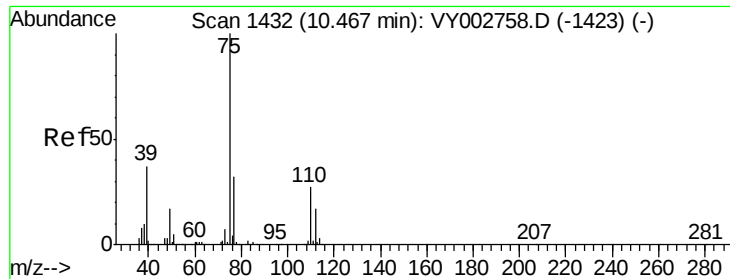
Tot Ion: 43 Resp: 220847
Ion Ratio Lower Upper
43 100
58 42.9 34.2 51.2



#52
Toluene
Concen: 21.424 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 92 Resp: 151614
Ion Ratio Lower Upper
92 100
91 172.8 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.747 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

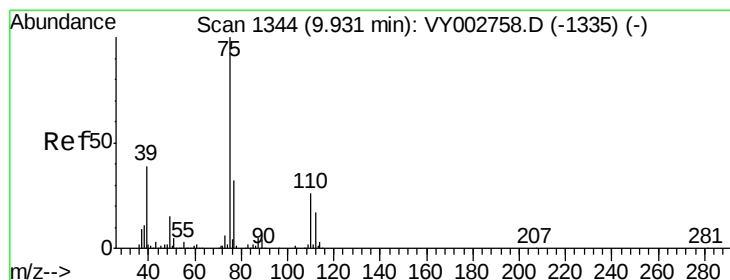
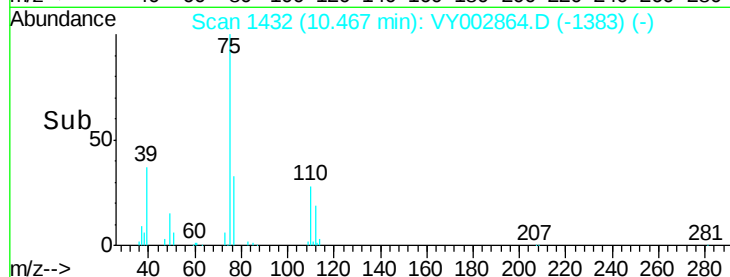
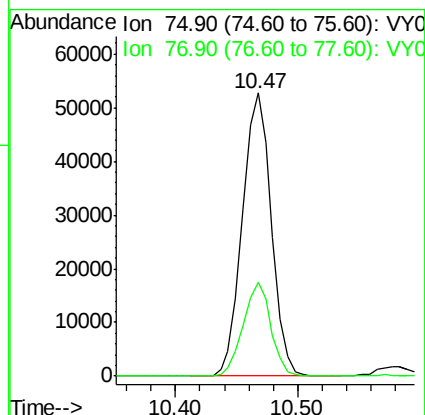
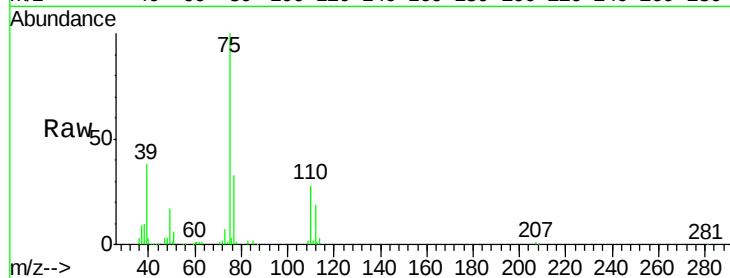
VY0609SBS01

Tot Ion: 75 Resp: 86275

Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.637 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

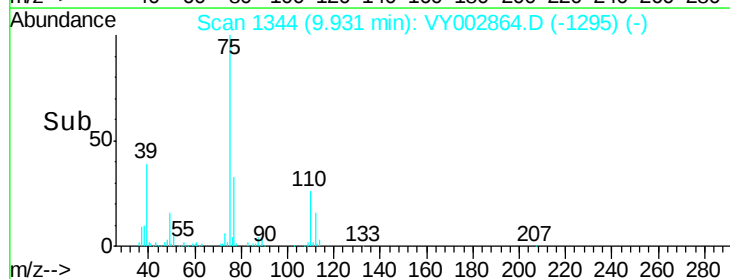
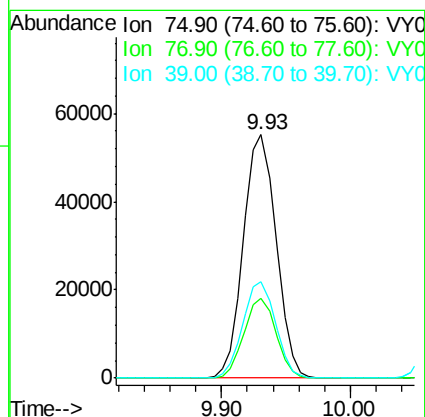
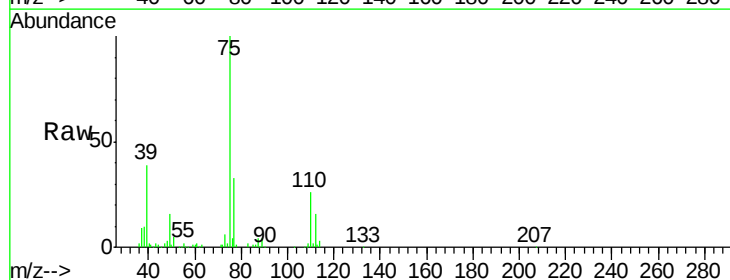
Tgt Ion: 75 Resp: 97265

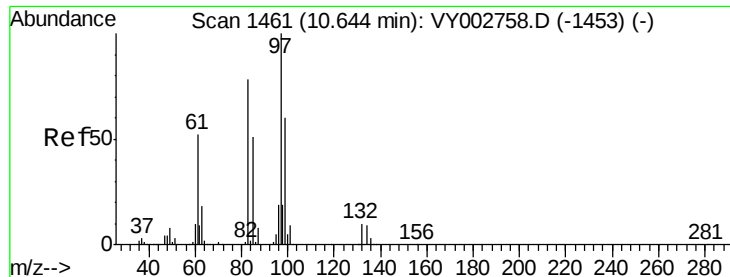
Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4

39 39.5 31.3 46.9

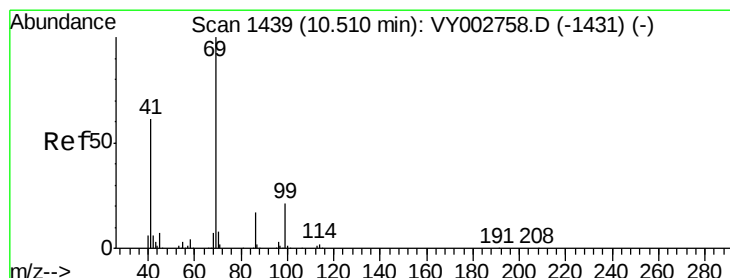
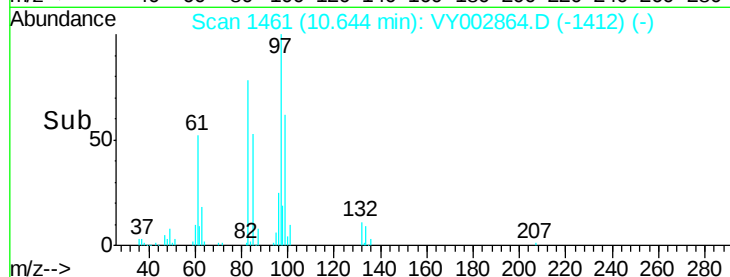
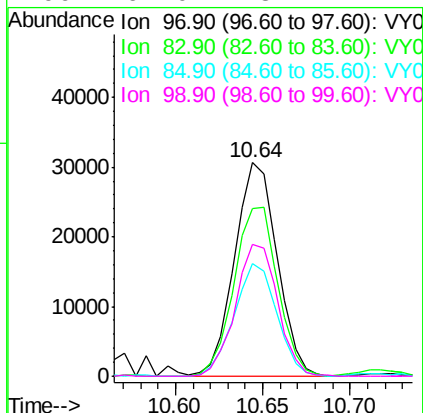
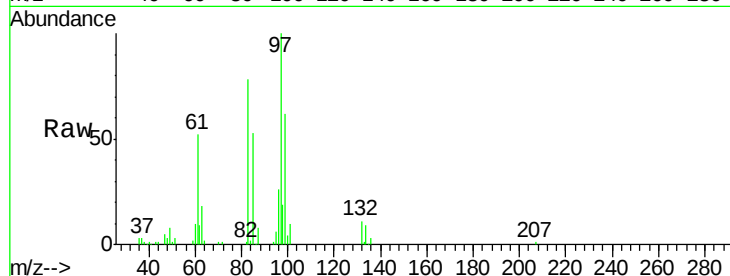




#55
 1,1,2-Trichloroethane
 Concen: 22.062 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

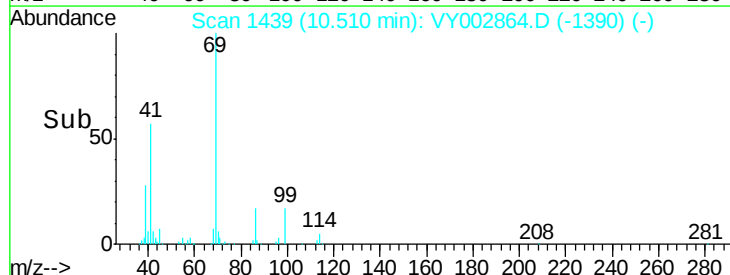
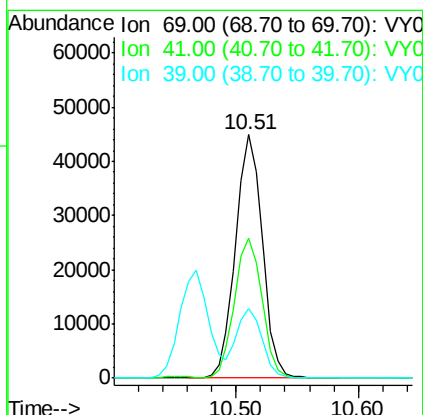
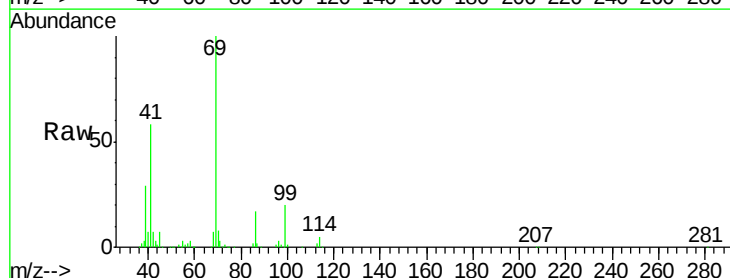
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Tot Ion:	97	Resp:	52039
Ion	Ratio	Lower	Upper
97	100		
83	78.4	62.7	94.1
85	52.5	40.6	60.8
99	62.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.544 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion:	69	Resp:	68063
Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.0	70.4
39	26.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.558 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

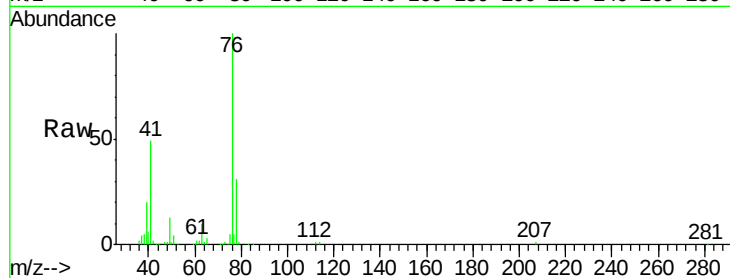
VY0609SBS01

Tot Ion: 76 Resp: 83637

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

60000

50000

40000

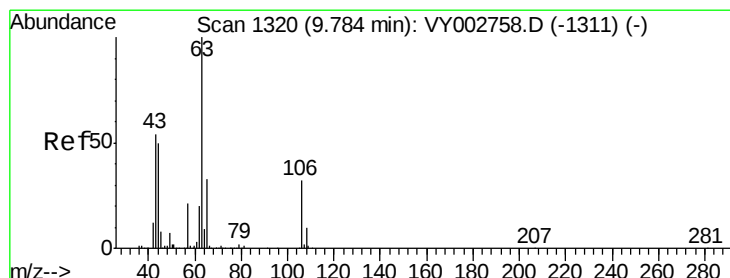
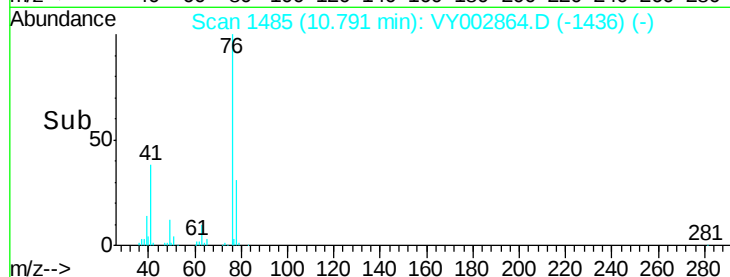
30000

20000

10000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 110.357 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002864.D

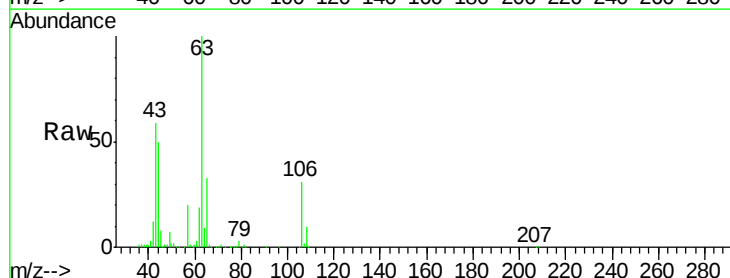
Acq: 09 Jun 2020 11:23

Tgt Ion: 63 Resp: 170363

Ion Ratio Lower Upper

63 100

106 31.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

120000

100000

80000

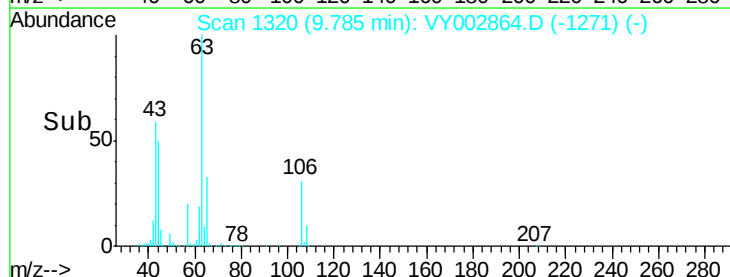
60000

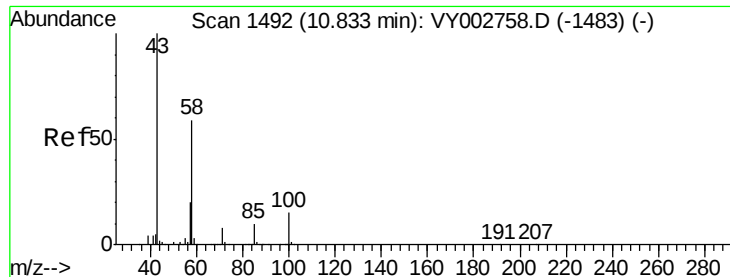
40000

20000

0

Time--> 9.70 9.75 9.80 9.85

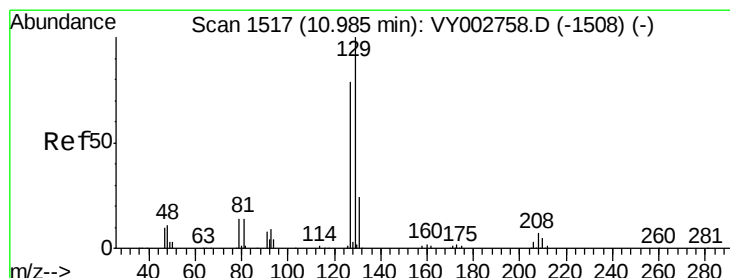
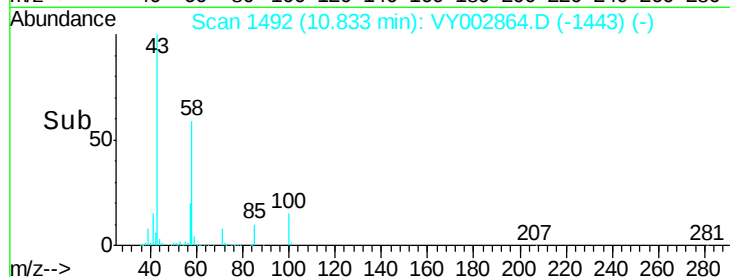
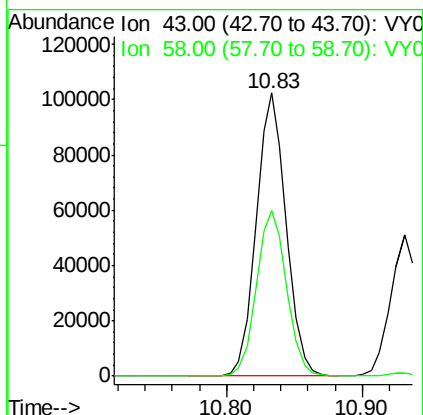
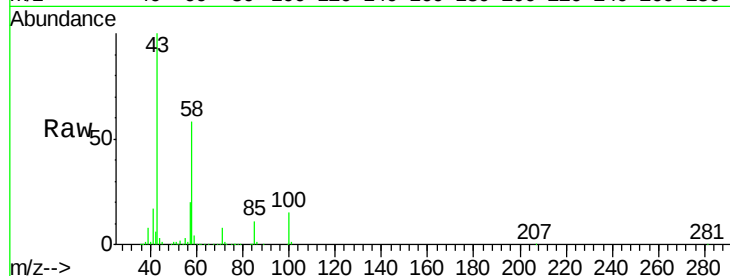




#59
2-Hexanone
Concen: 110.802 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

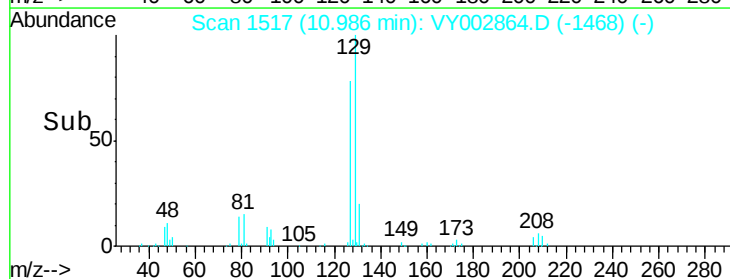
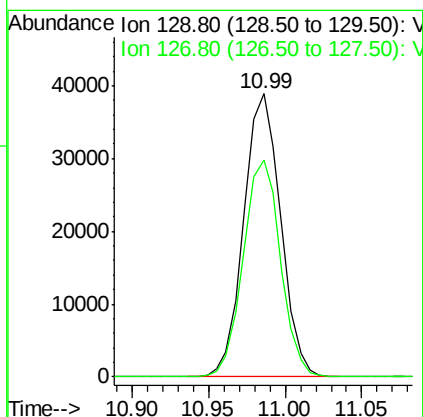
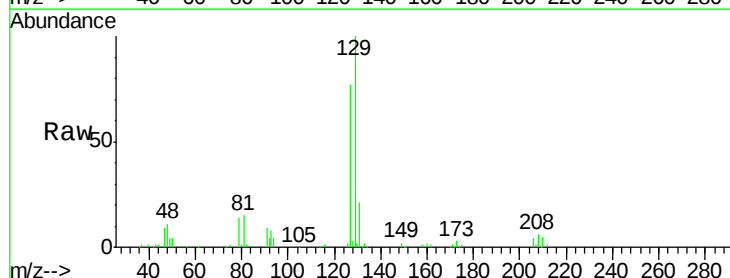
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

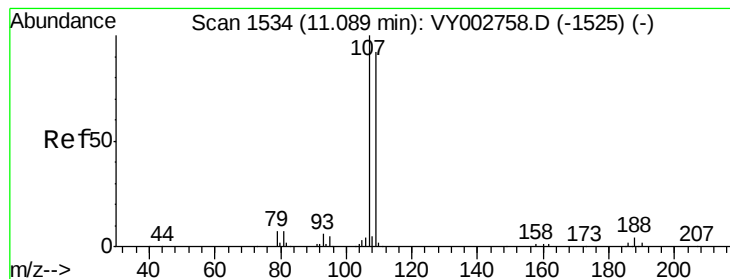
Tot Ion: 43 Resp: 157141
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 21.865 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 129 Resp: 65385
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.702 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

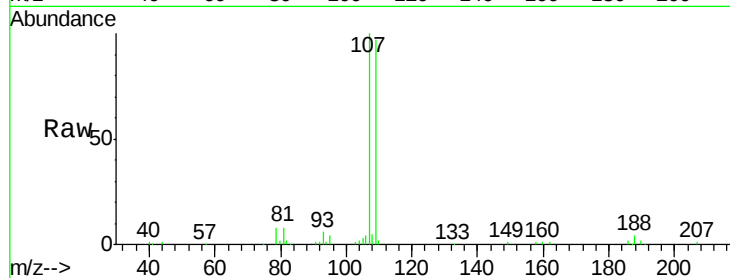
VY0609SBS01

Tot Ion:107 Resp: 50495

Ion Ratio Lower Upper

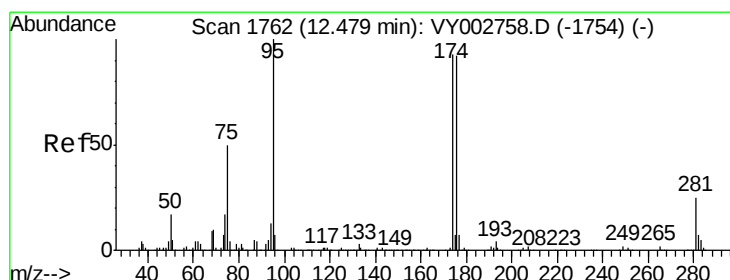
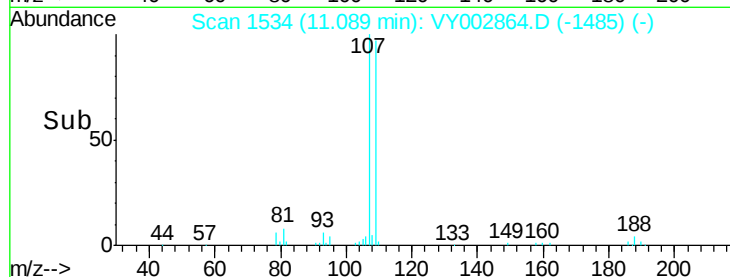
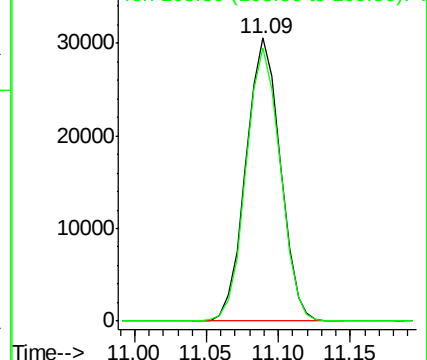
107 100

109 95.9 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: 52.447 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

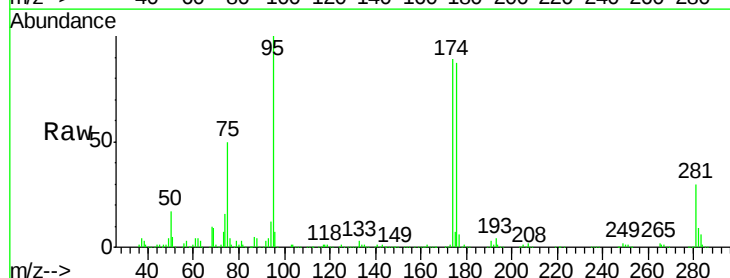
Tgt Ion: 95 Resp: 184590

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.2

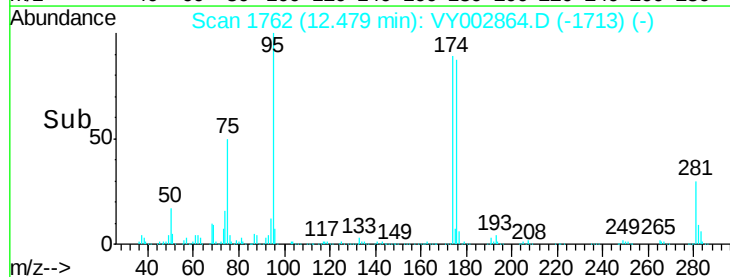
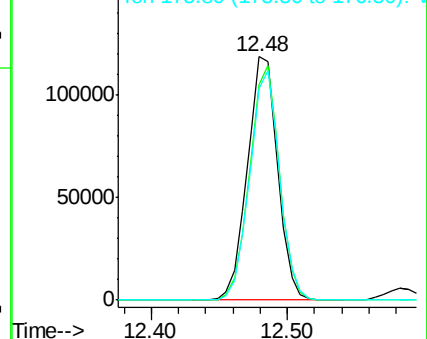
176 93.0 0.0 188.8

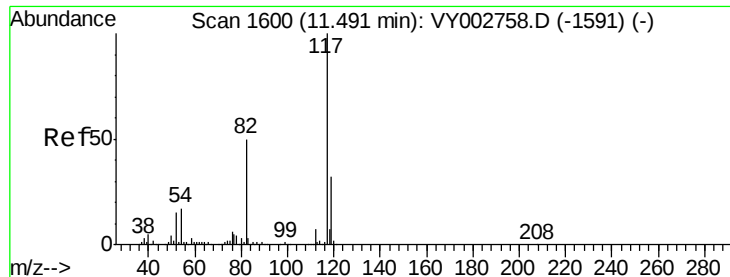


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

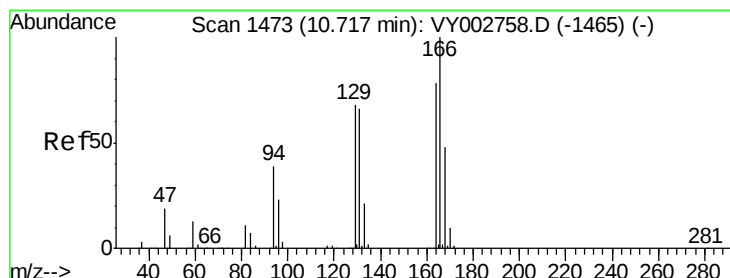
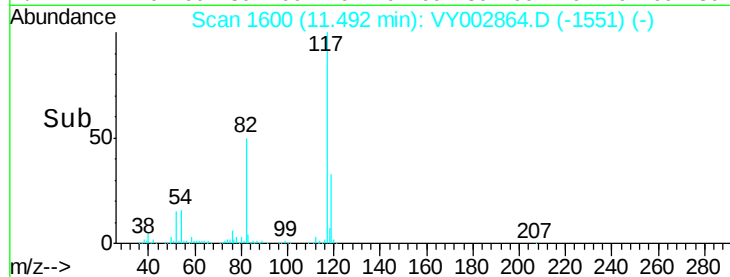
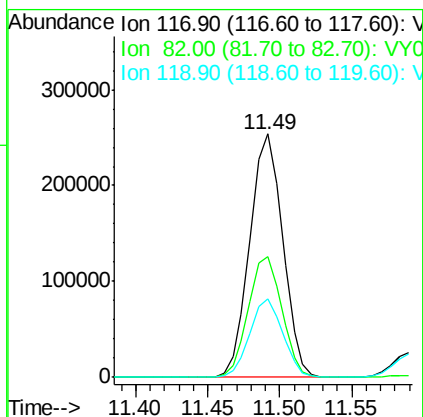
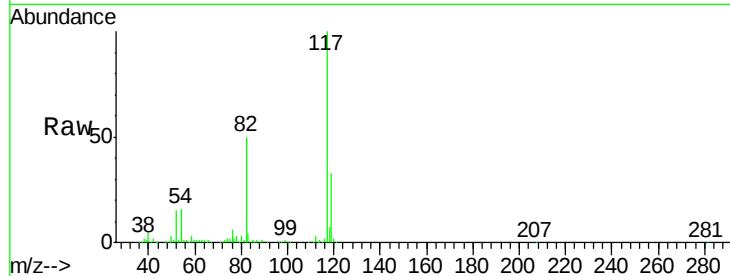




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

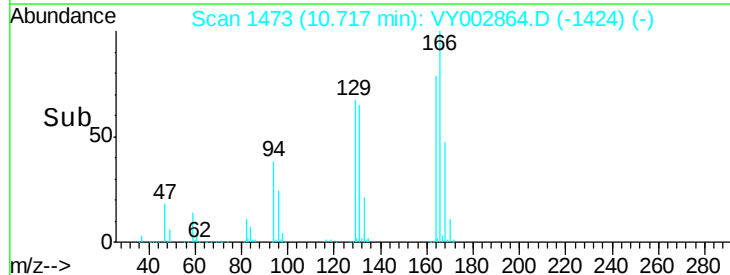
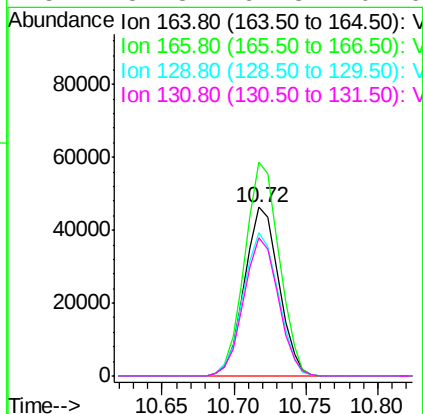
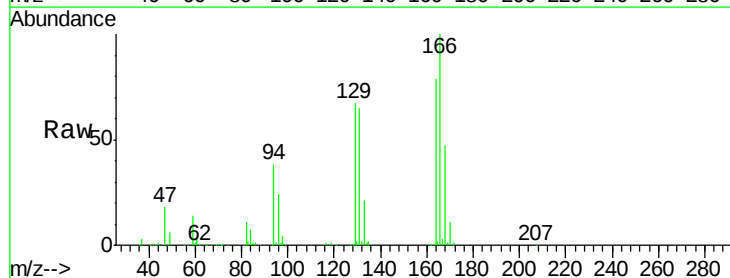
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

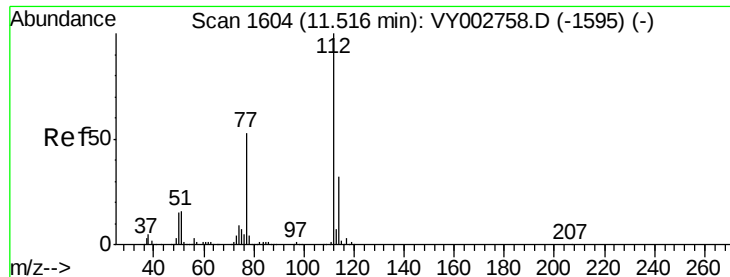
Tot Ion:117 Resp: 403474
Ion Ratio Lower Upper
117 100
82 49.6 40.2 60.4
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 20.816 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion:164 Resp: 76332
Ion Ratio Lower Upper
164 100
166 126.8 102.3 153.5
129 85.4 69.4 104.2
131 82.3 67.8 101.6

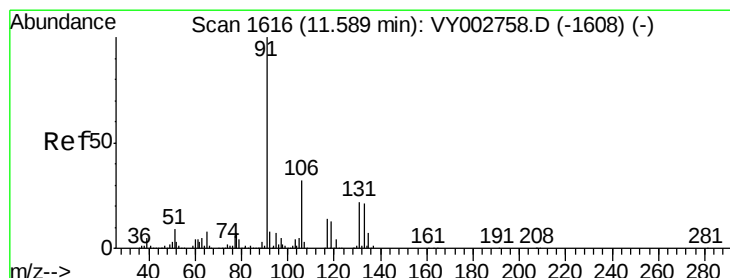
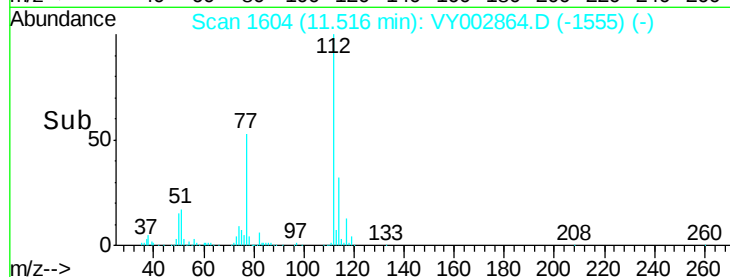
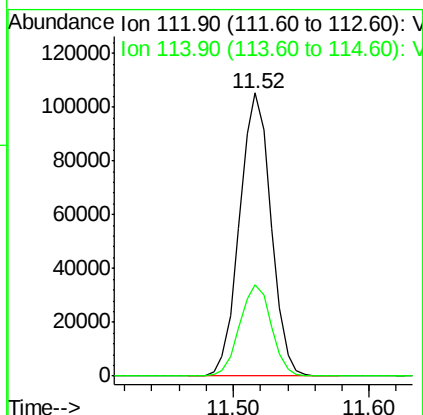
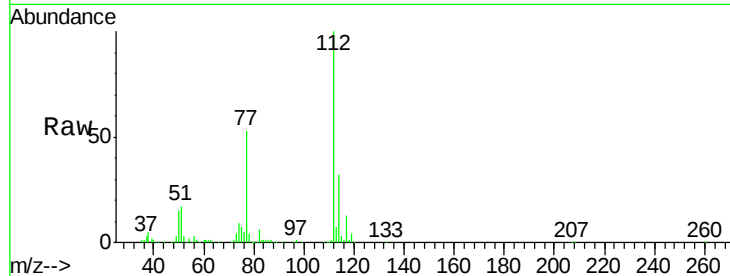




#65
Chlorobenzene
Concen: 21.286 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

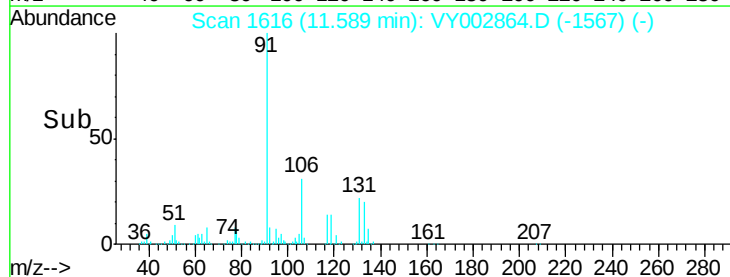
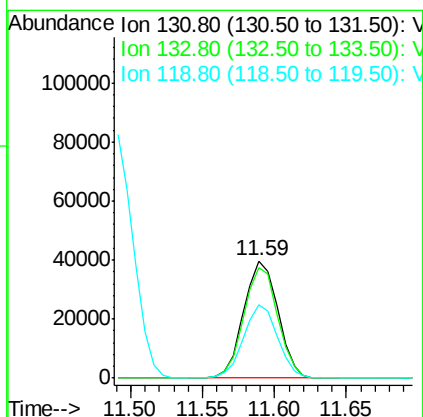
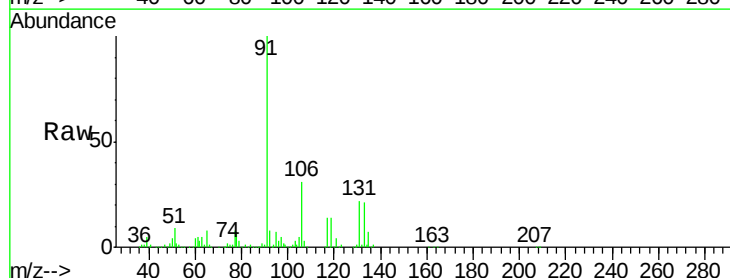
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion:112 Resp: 169749
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.728 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion:131 Resp: 65258
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 62.2 31.7 95.1





#67

Ethyl Benzene

Concen: 21.423 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

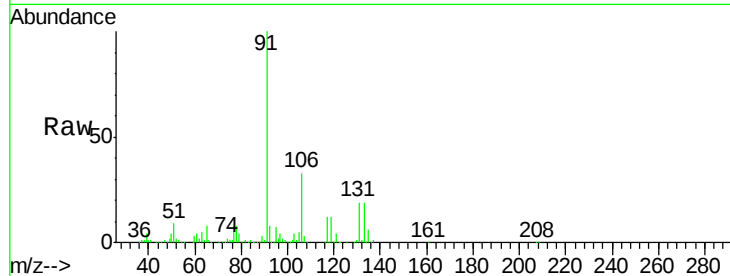
VY0609SBS01

Tot Ion: 91 Resp: 296181

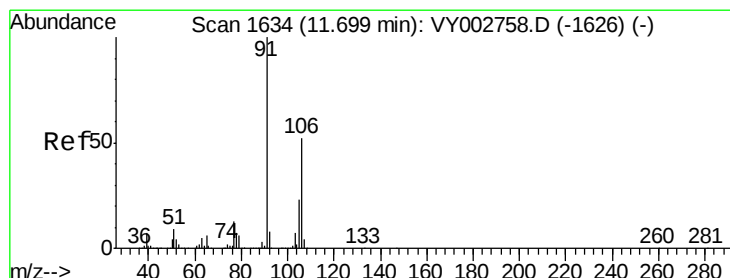
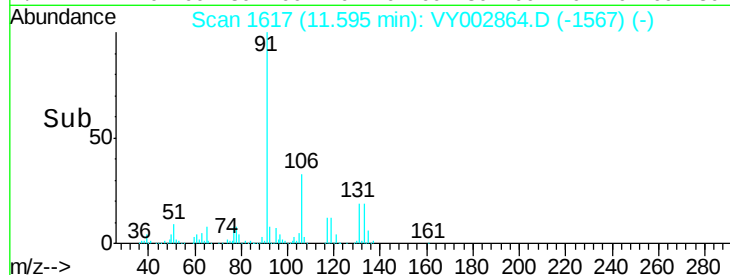
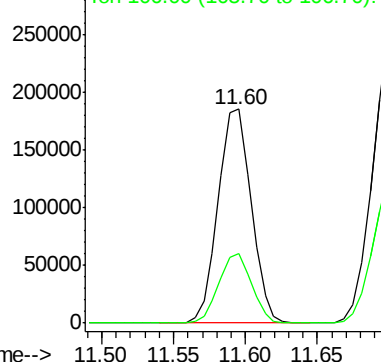
Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)



#68

m/p-Xylenes

Concen: 43.144 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002864.D

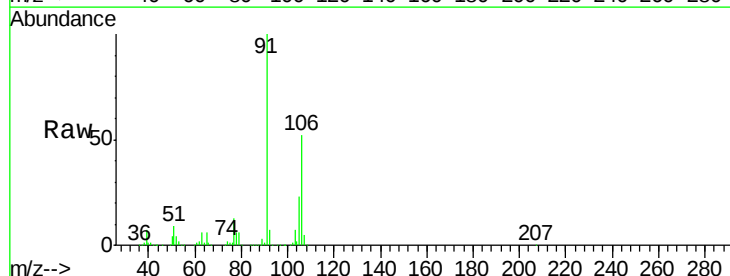
Acq: 09 Jun 2020 11:23

Tgt Ion: 106 Resp: 231263

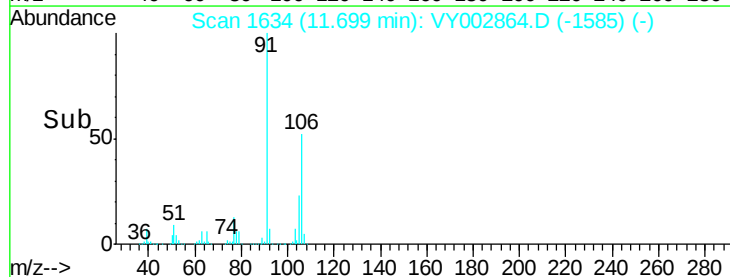
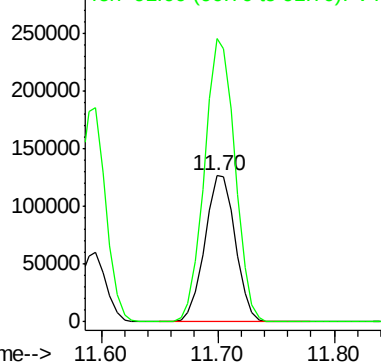
Ion Ratio Lower Upper

106 100

91 193.7 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)

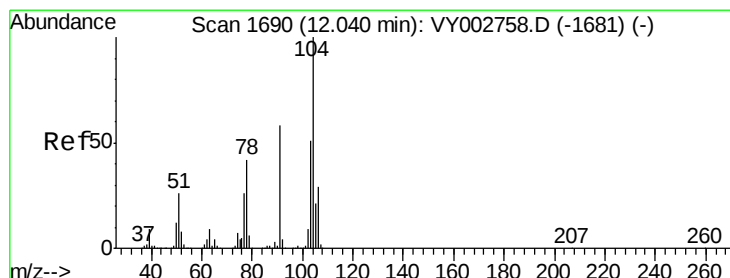
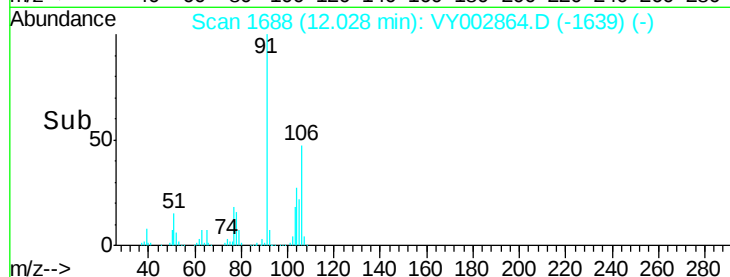
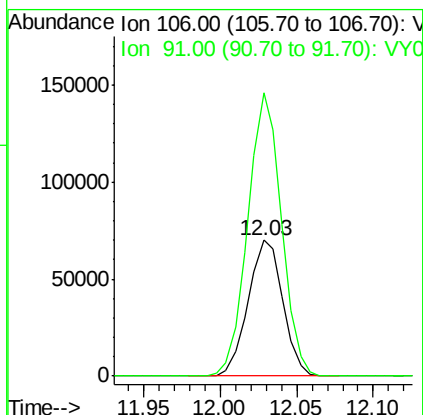
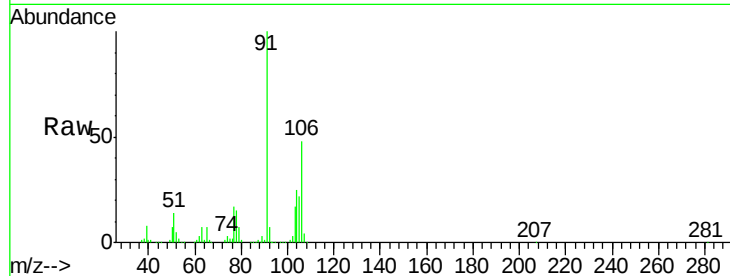




#69
o-Xylene
Concen: 21.789 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

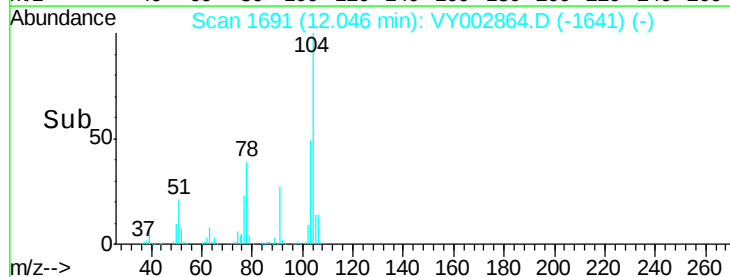
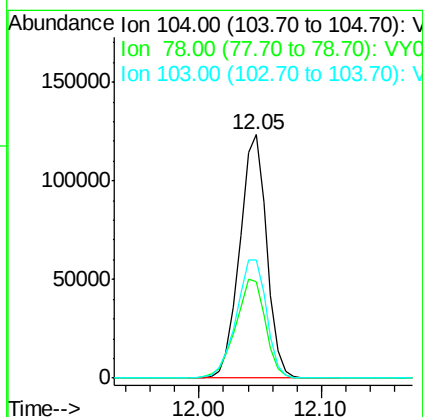
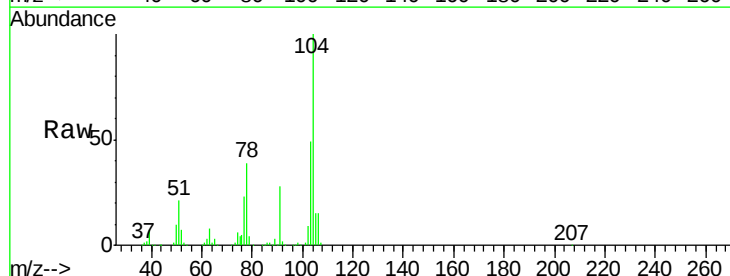
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

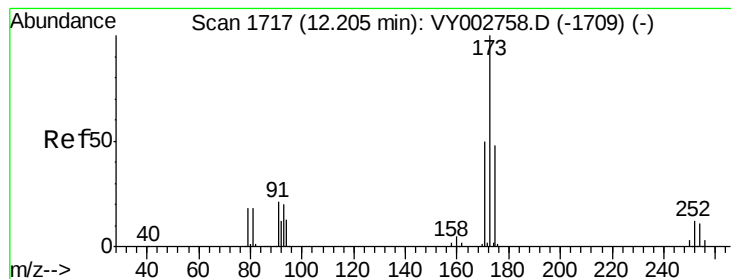
Tot Ion:106 Resp: 110257
Ion Ratio Lower Upper
106 100
91 202.1 102.4 307.1



#70
Styrene
Concen: 21.382 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion:104 Resp: 187570
Ion Ratio Lower Upper
104 100
78 45.0 36.2 54.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 22.026 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

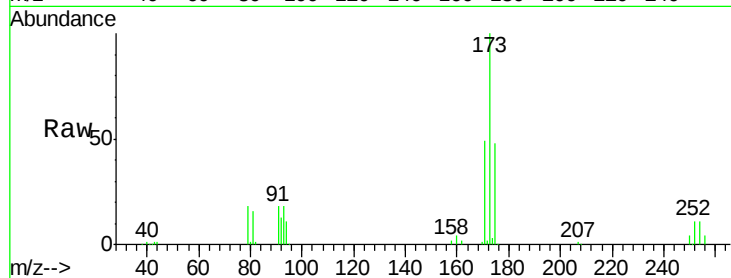
Tot Ion:173 Resp: 44265

Ion Ratio Lower Upper

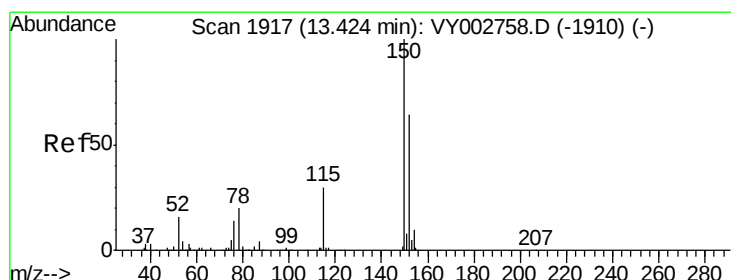
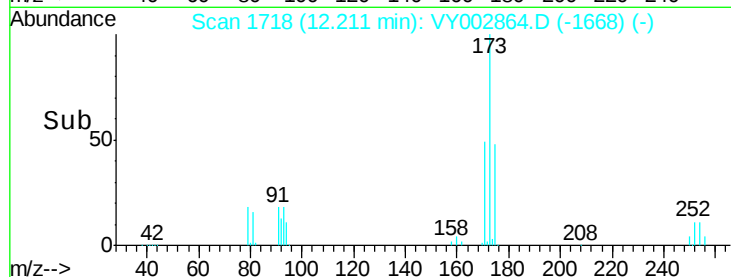
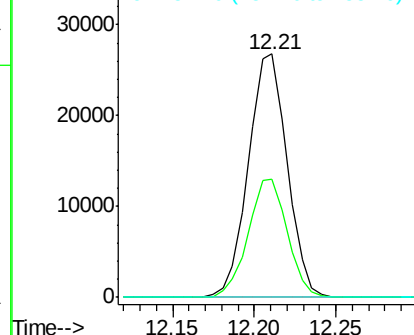
173 100

175 49.0 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: VY002864.D

Acq: 09 Jun 2020 11:23

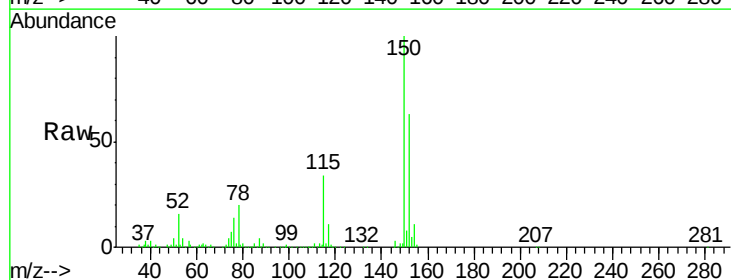
Tgt Ion:152 Resp: 219808

Ion Ratio Lower Upper

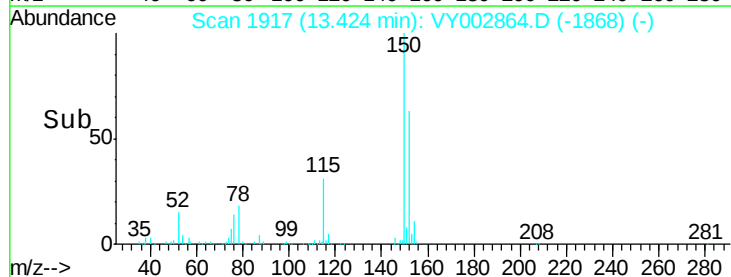
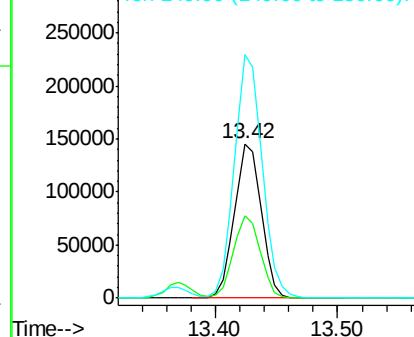
152 100

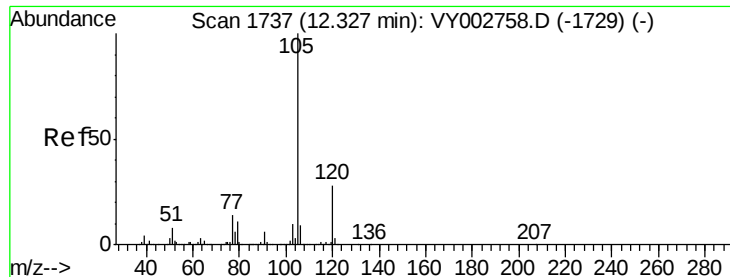
115 53.7 27.0 81.0

150 163.7 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: 21.162 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

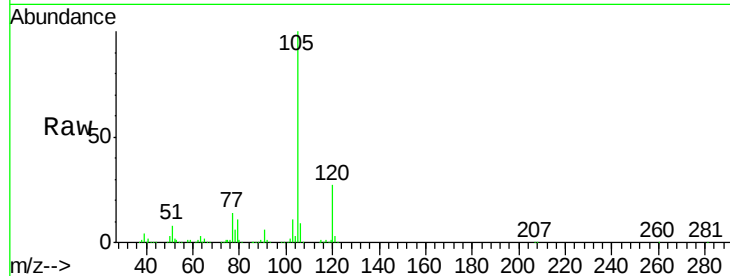
VY0609SBS01

Tot Ion:105 Resp: 298097

Ion Ratio Lower Upper

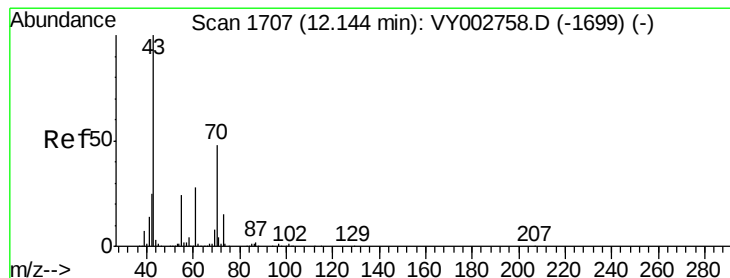
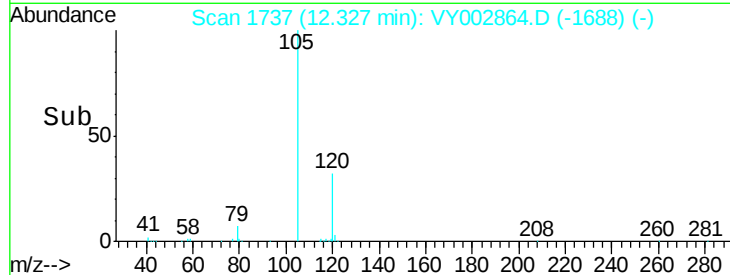
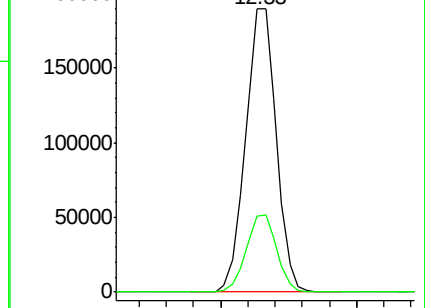
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.512 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Tgt Ion: 43 Resp: 77750

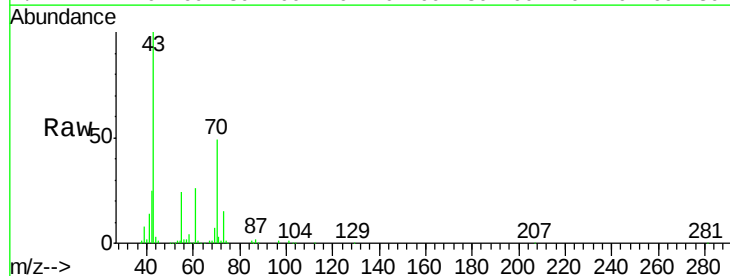
Ion Ratio Lower Upper

43 100

70 48.9 37.7 56.5

55 25.5 19.8 29.6

61 26.1 21.7 32.5

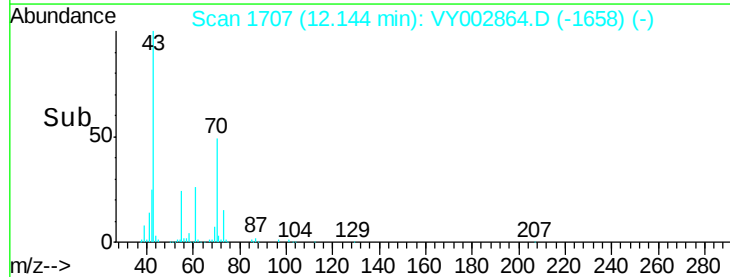
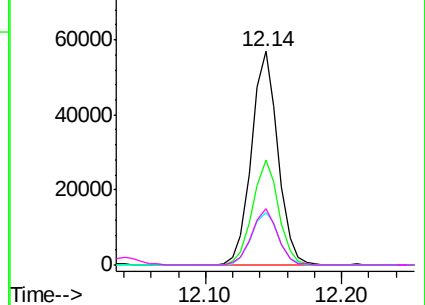


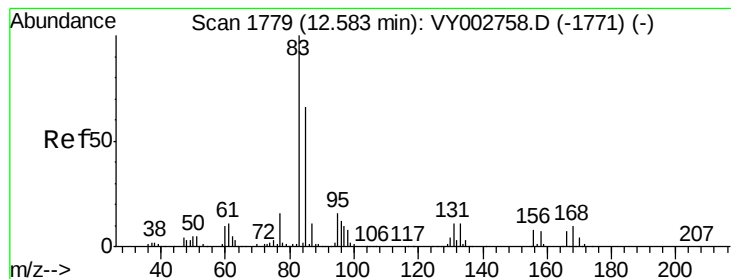
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.576 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

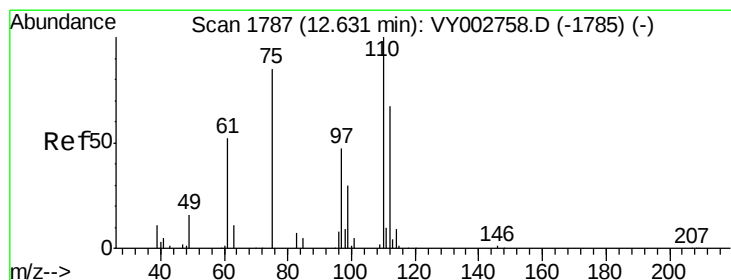
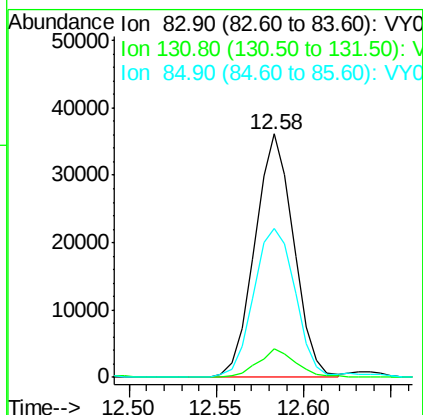
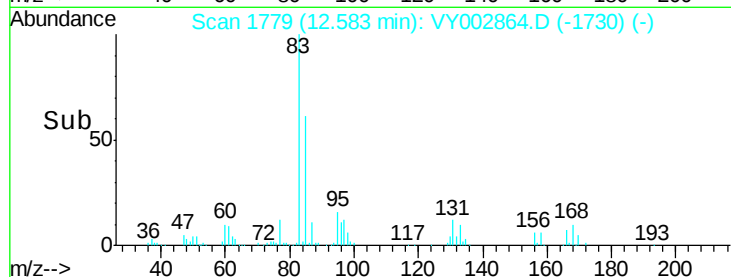
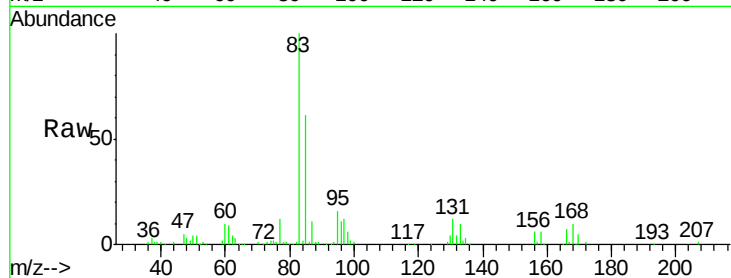
Tot Ion: 83 Resp: 55797

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

85 65.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 41.046 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002864.D

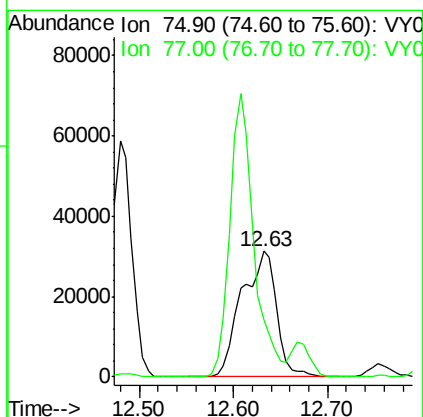
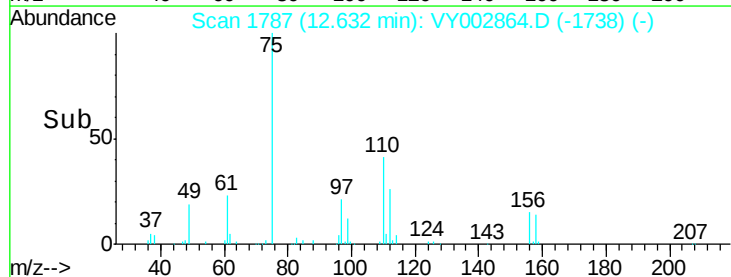
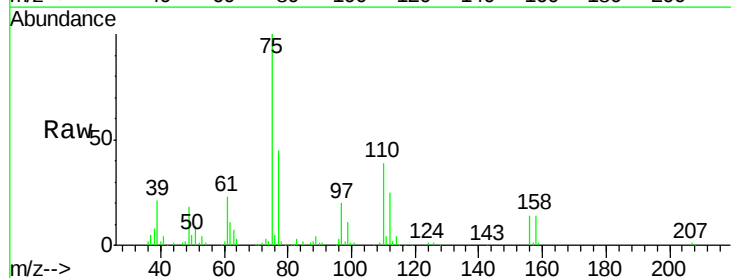
Acq: 09 Jun 2020 11:23

Tgt Ion: 75 Resp: 81296

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.323 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

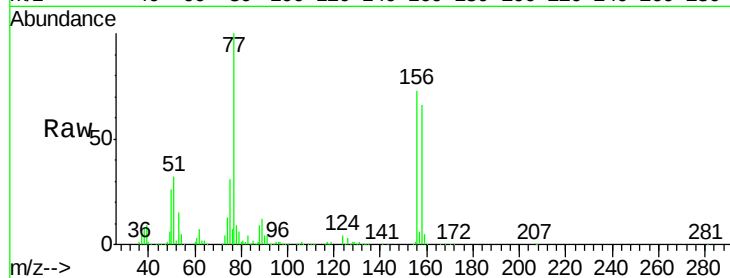
Tot Ion:156 Resp: 78209

Ion Ratio Lower Upper

156 100

77 161.2 81.4 244.2

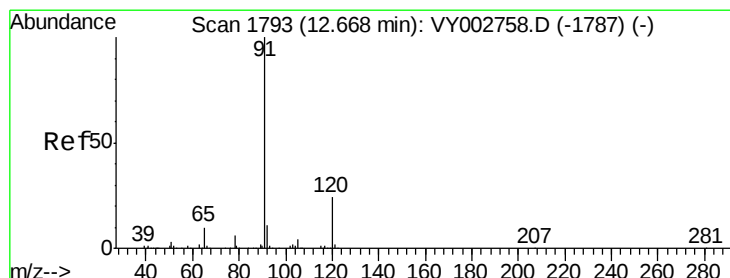
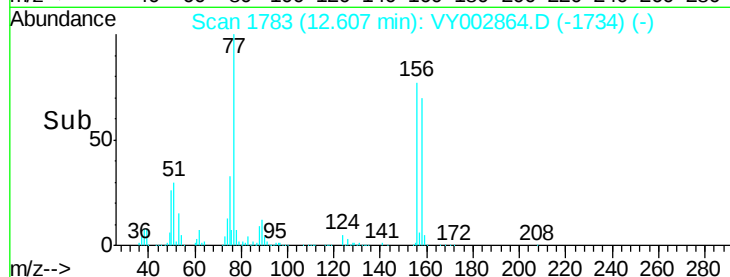
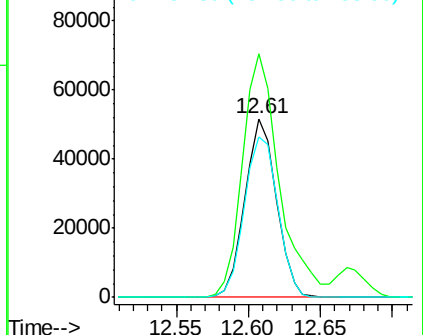
158 95.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.202 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002864.D

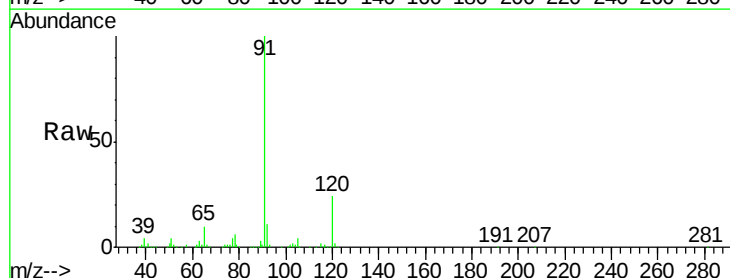
Acq: 09 Jun 2020 11:23

Tgt Ion: 91 Resp: 344983

Ion Ratio Lower Upper

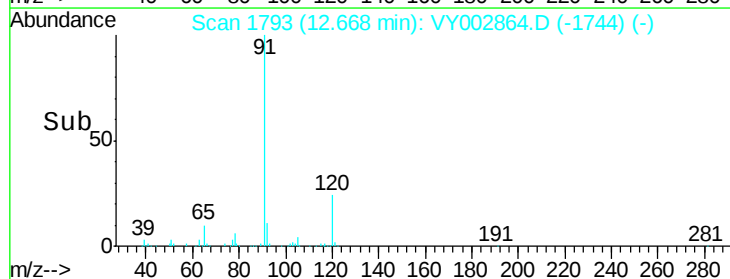
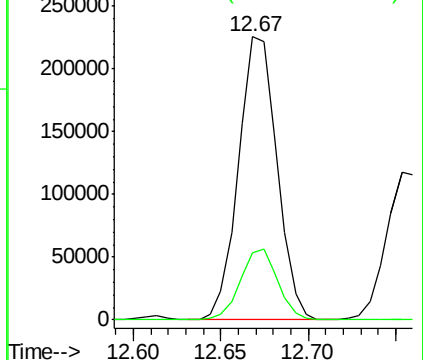
91 100

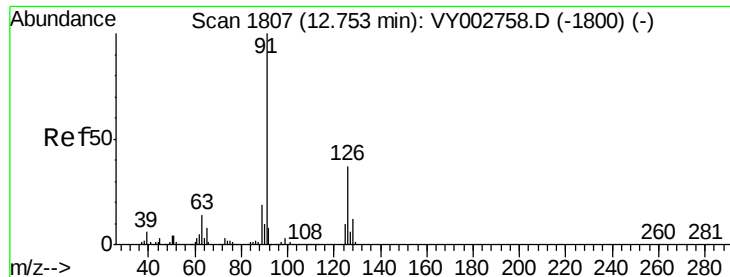
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

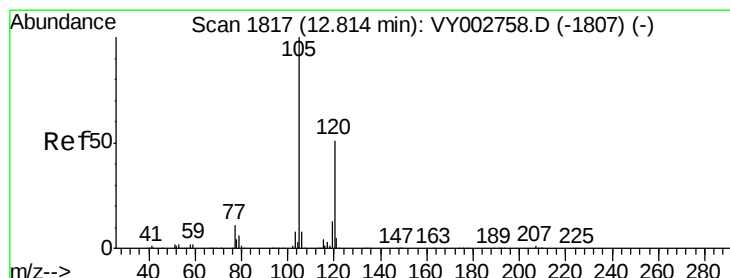
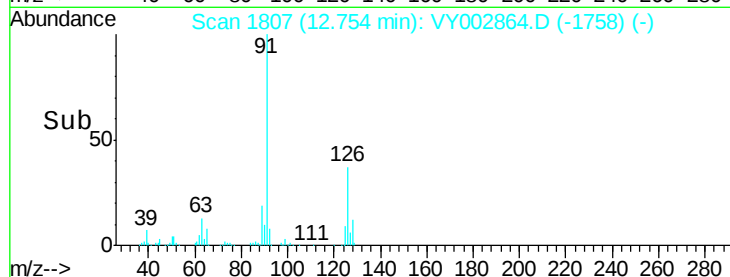
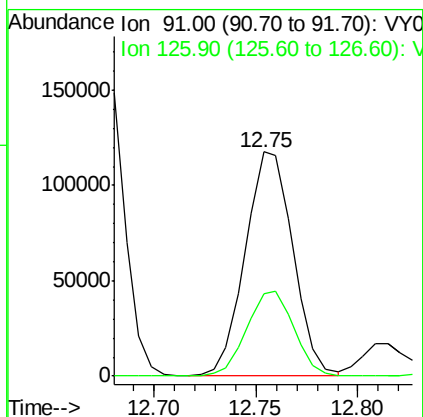
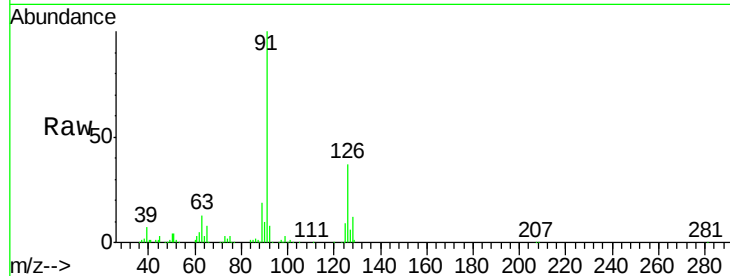




#79
2-Chlorotoluene
Concen: 20.967 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

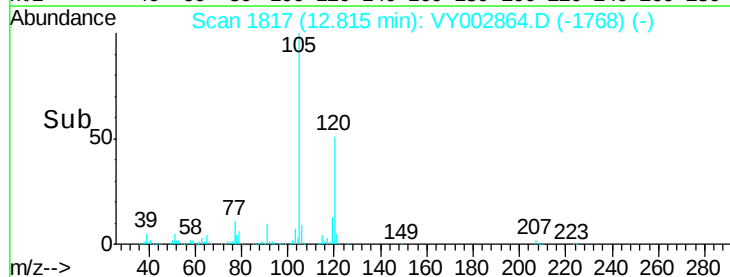
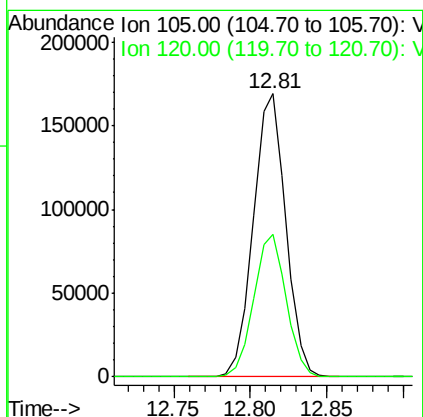
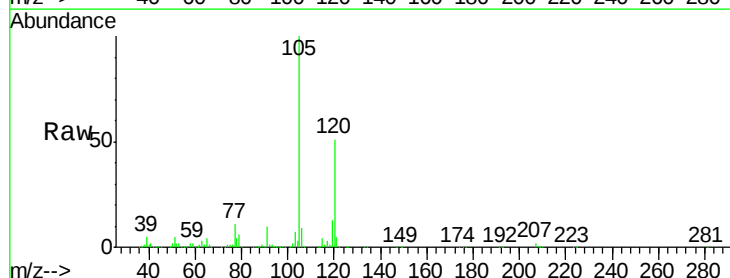
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion: 91 Resp: 191372
Ion Ratio Lower Upper
91 100
126 37.5 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 21.207 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion: 105 Resp: 249423
Ion Ratio Lower Upper
105 100
120 50.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.180 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

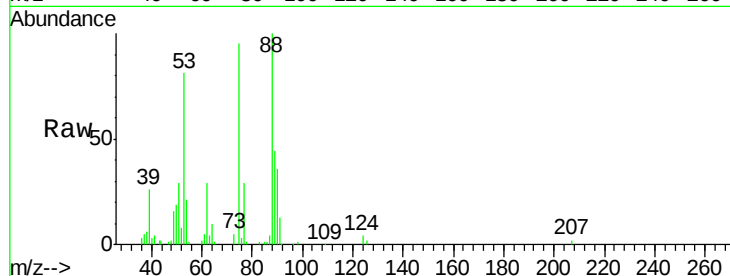
Tot Ion: 75 Resp: 23317

Ion Ratio Lower Upper

75 100

53 78.0 64.0 96.0

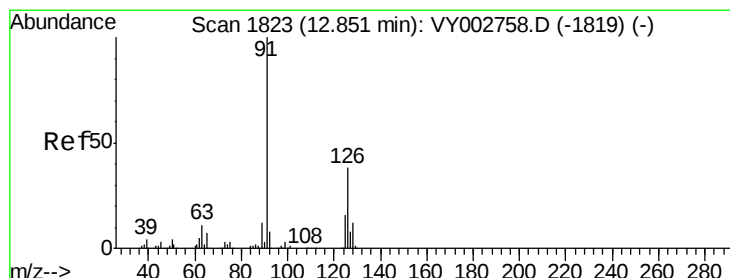
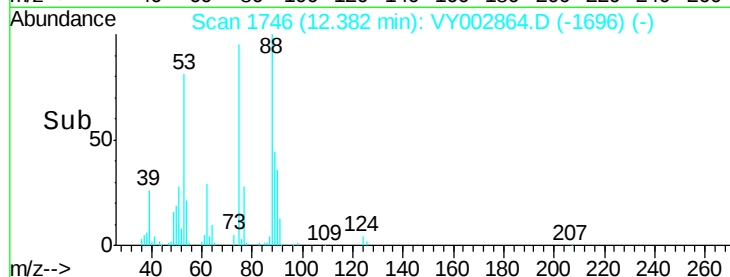
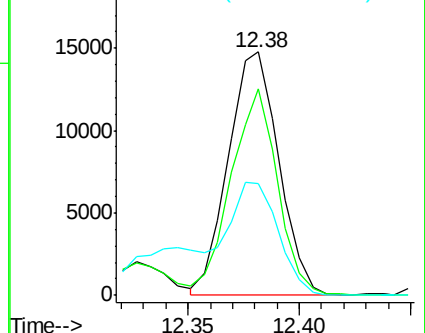
89 46.8 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.294 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002864.D

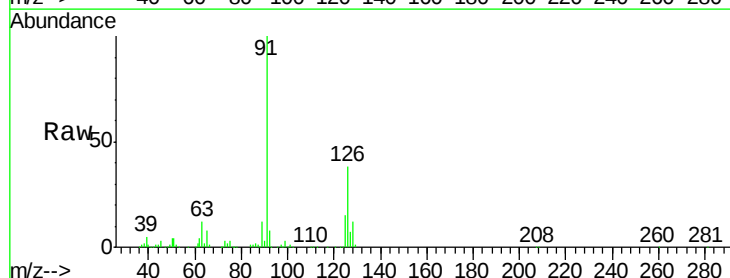
Acq: 09 Jun 2020 11:23

Tgt Ion: 91 Resp: 203631

Ion Ratio Lower Upper

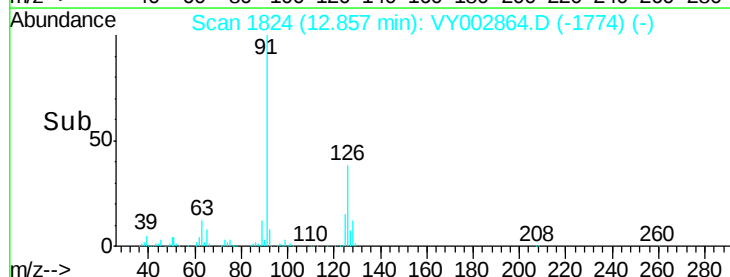
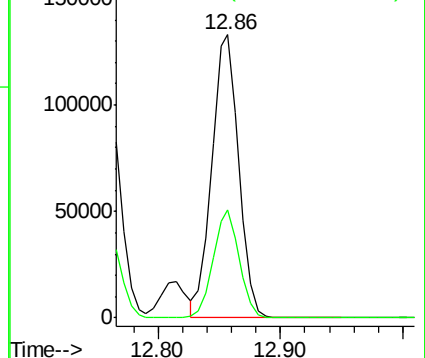
91 100

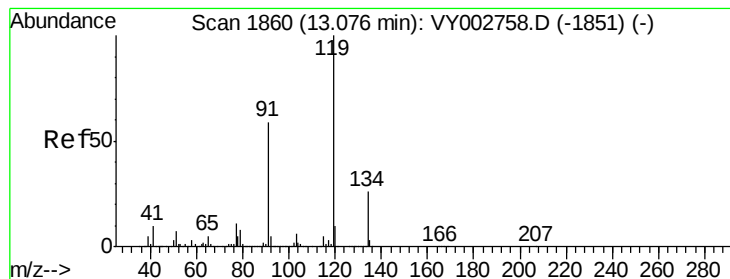
126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.128 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

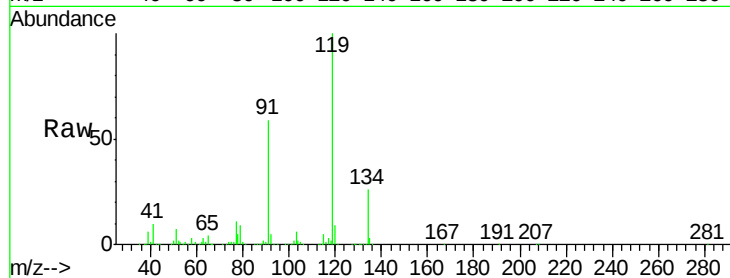
Tot Ion:119 Resp: 221663

Ion Ratio Lower Upper

119 100

91 59.5 29.8 89.4

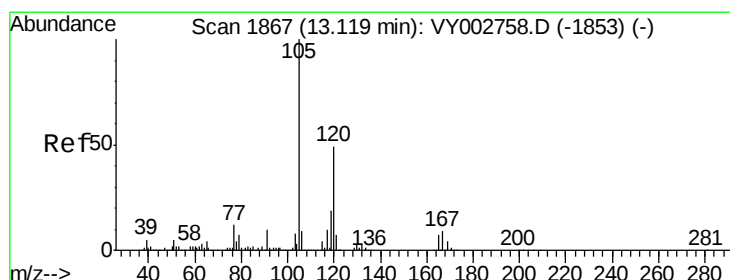
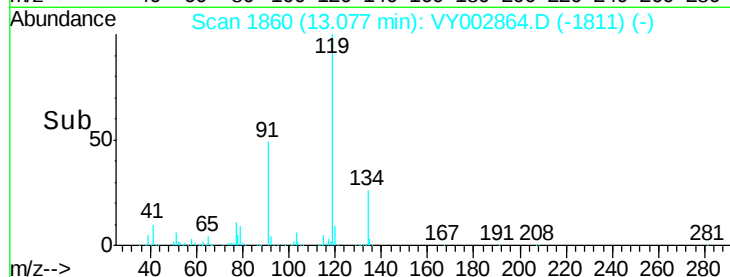
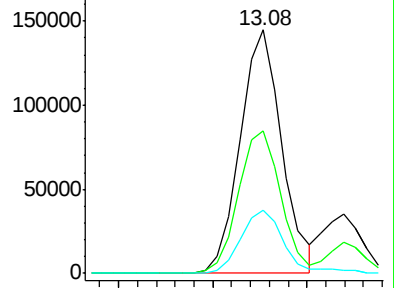
134 27.0 13.3 39.8



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: 21.296 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002864.D

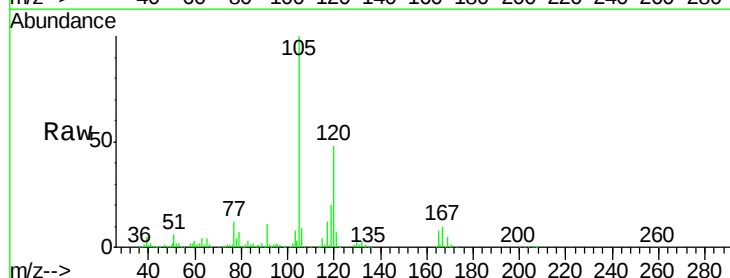
Acq: 09 Jun 2020 11:23

Tgt Ion:105 Resp: 251847

Ion Ratio Lower Upper

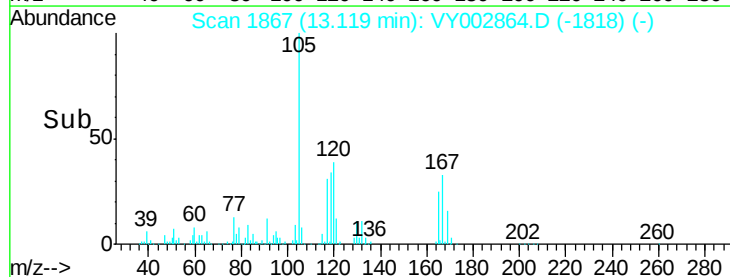
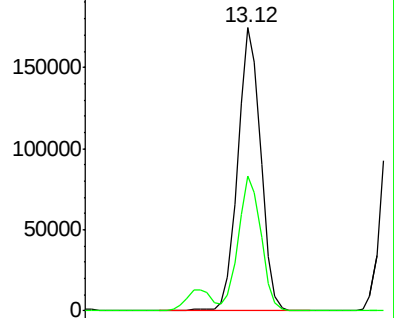
105 100

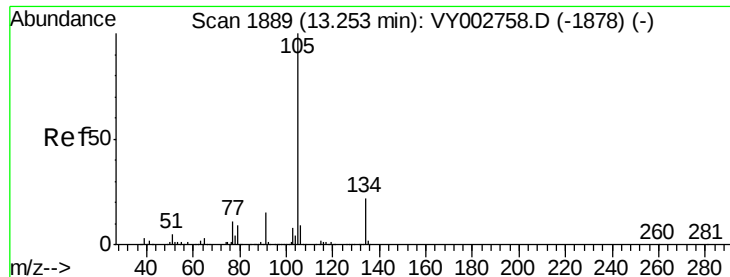
120 47.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

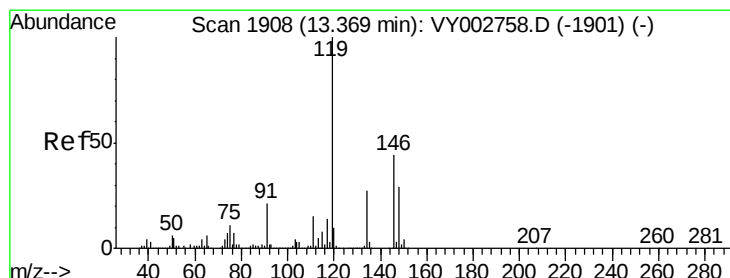
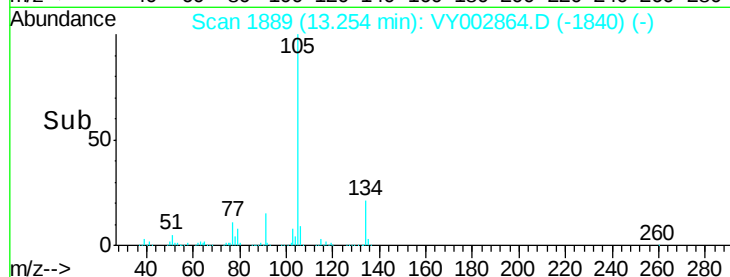
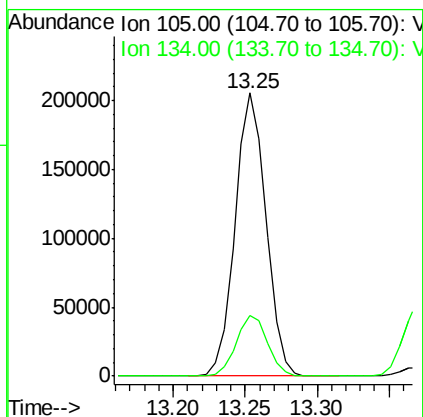
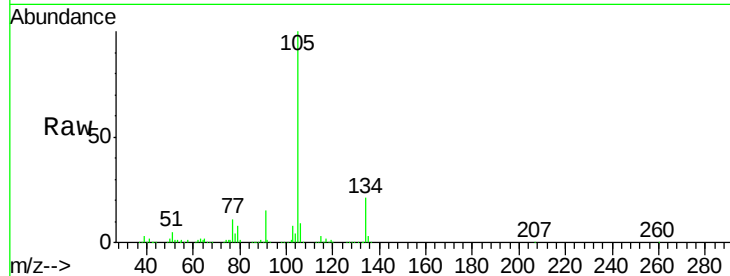




#85
 sec-Butylbenzene
 Concen: 21.313 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

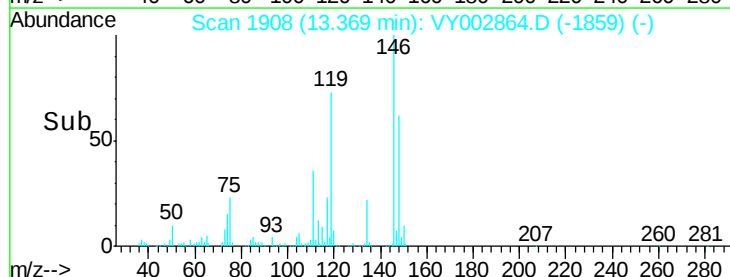
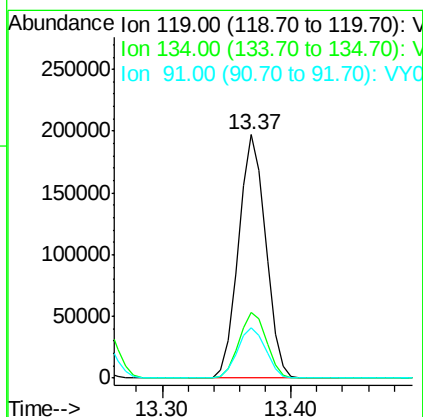
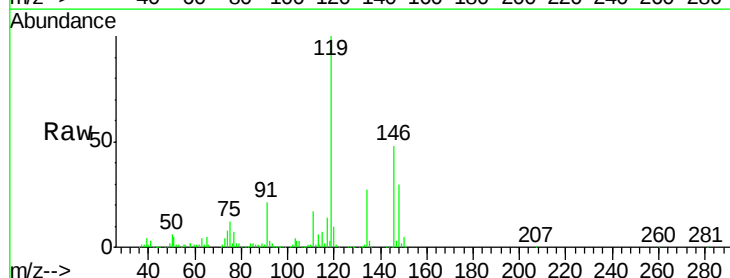
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

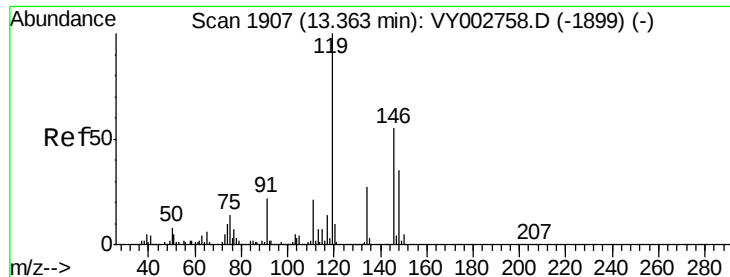
Tot Ion:105 Resp: 305727
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.462 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion:119 Resp: 286475
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.0
 91 21.5 10.8 32.4

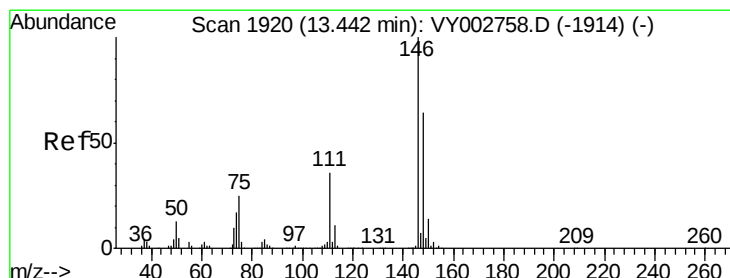
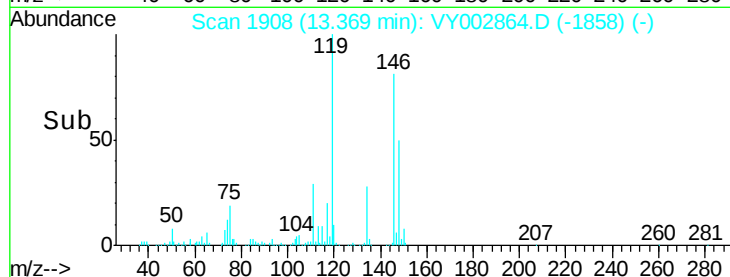
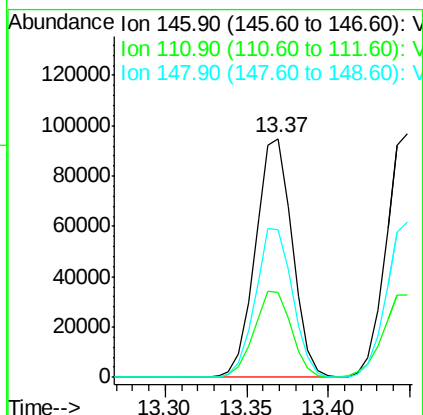
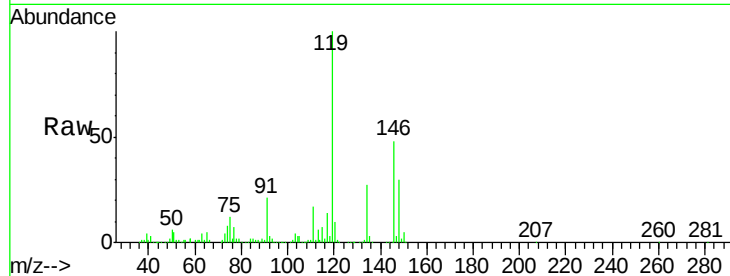




#87
 1,3-Dichlorobenzene
 Concen: 21.394 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

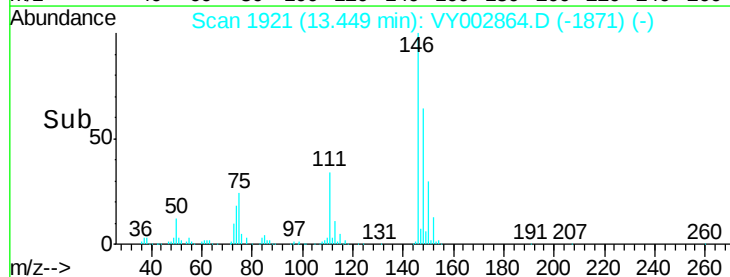
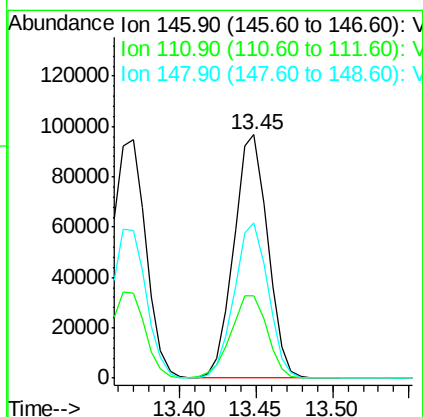
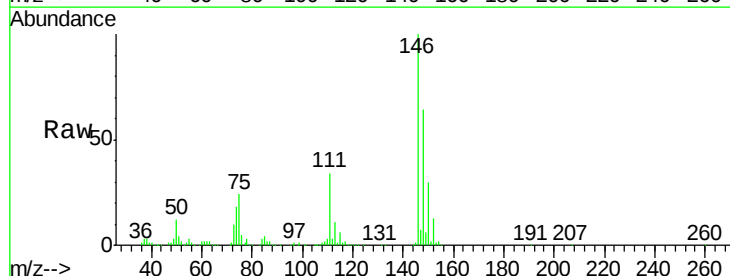
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

Tot Ion:146 Resp: 148639
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 63.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.395 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion:146 Resp: 148695
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.3
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 21.460 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

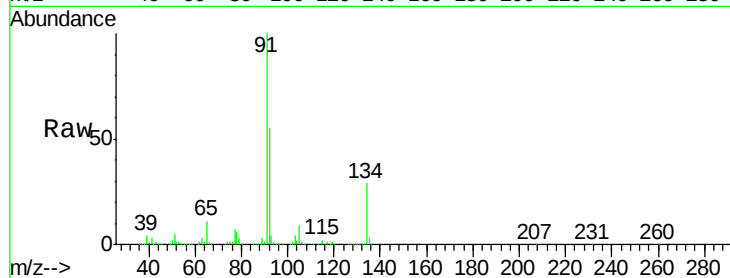
Tot Ion: 91 Resp: 260060

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

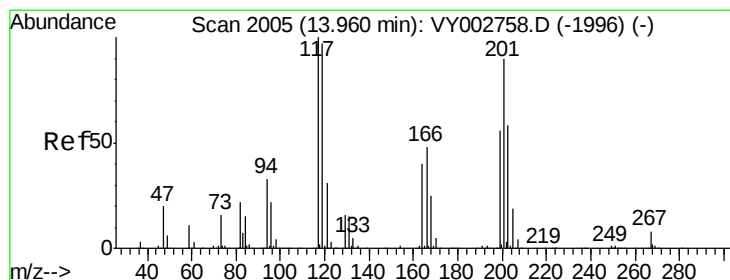
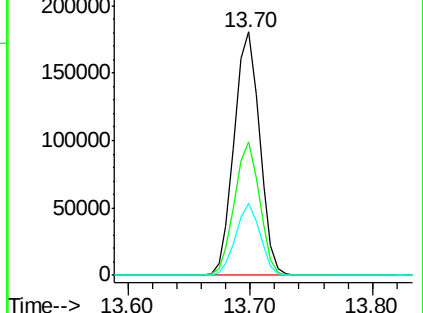
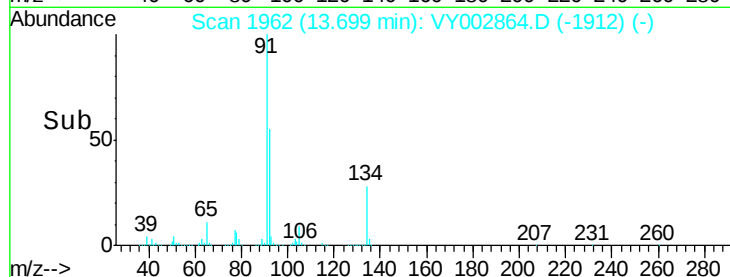
134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.399 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002864.D

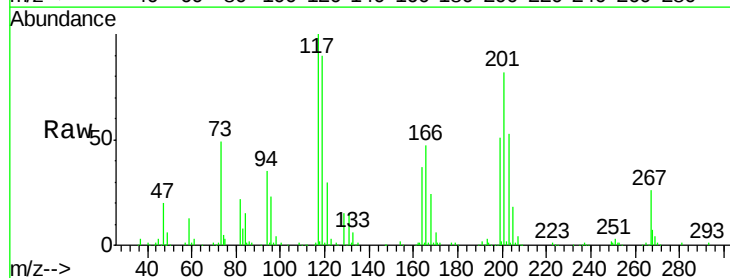
Acq: 09 Jun 2020 11:23

Tgt Ion: 117 Resp: 53472

Ion Ratio Lower Upper

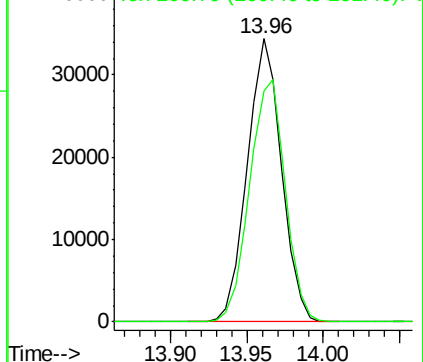
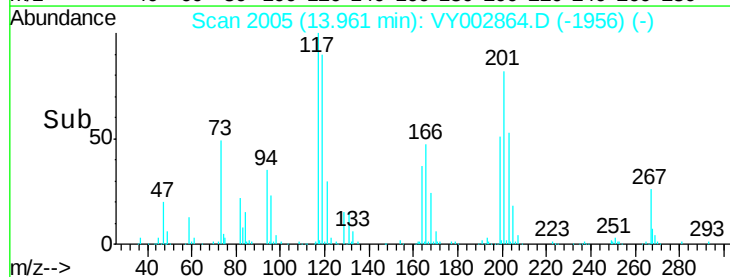
117 100

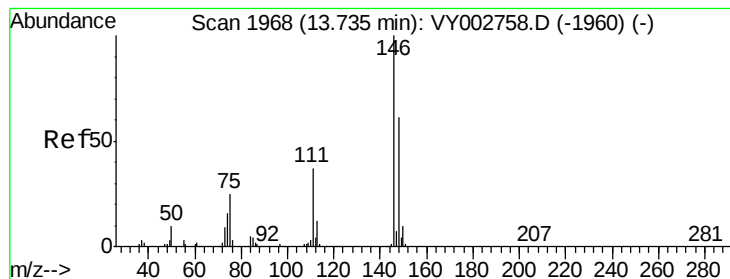
201 89.5 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.508 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBS01

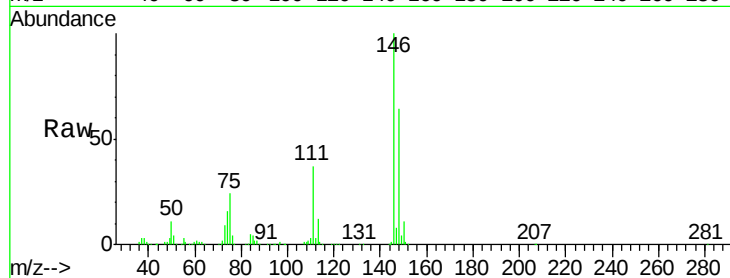
Tot Ion:146 Resp: 135516

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

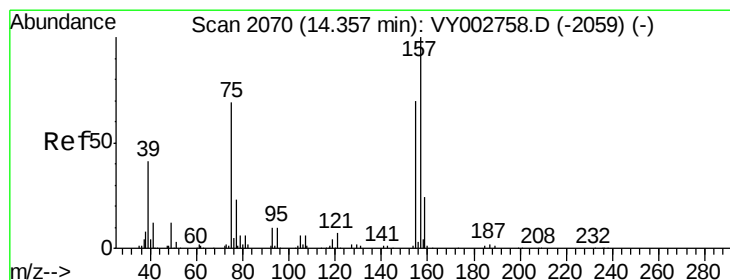
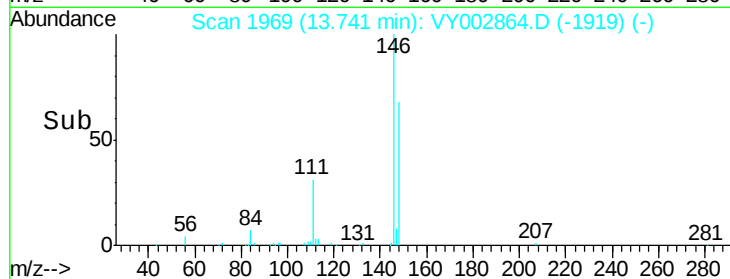
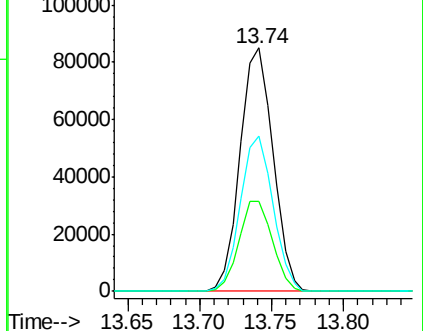
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.585 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002864.D

Acq: 09 Jun 2020 11:23

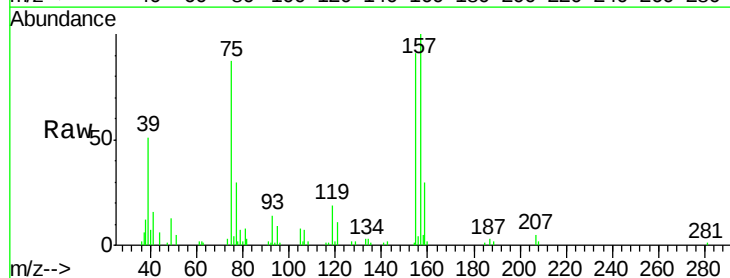
Tgt Ion: 75 Resp: 10739

Ion Ratio Lower Upper

75 100

155 105.2 53.5 160.5

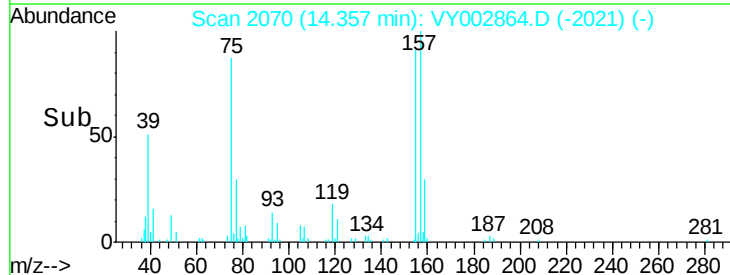
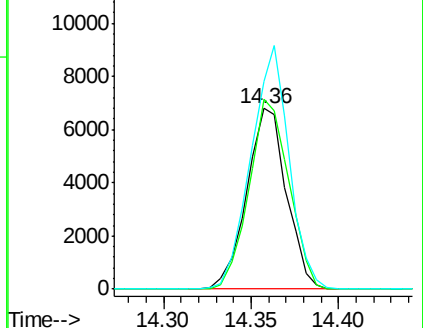
157 128.8 69.9 209.7

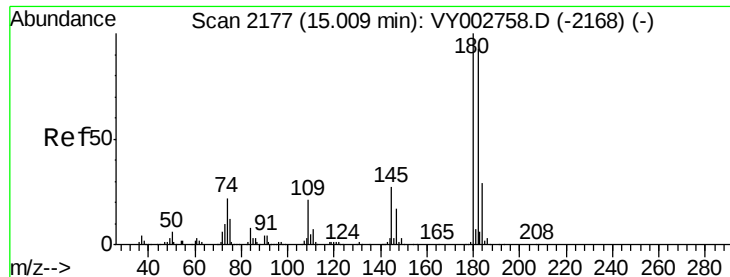


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

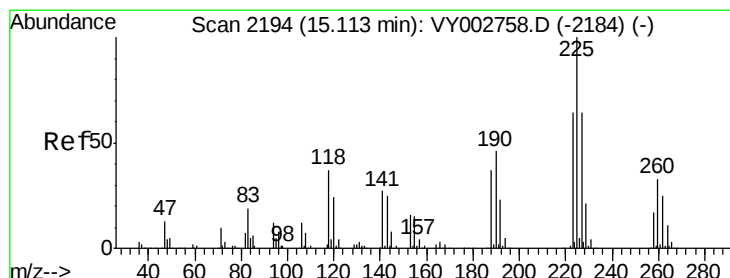
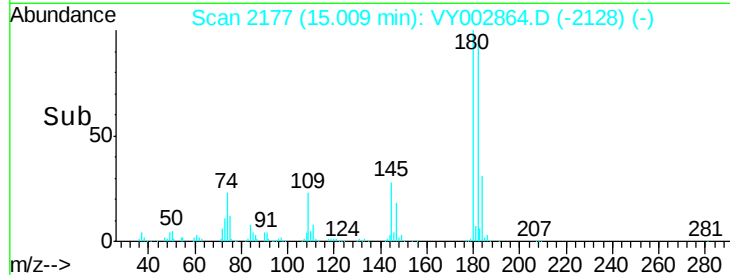
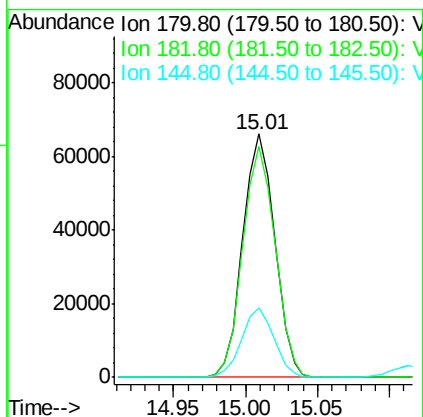
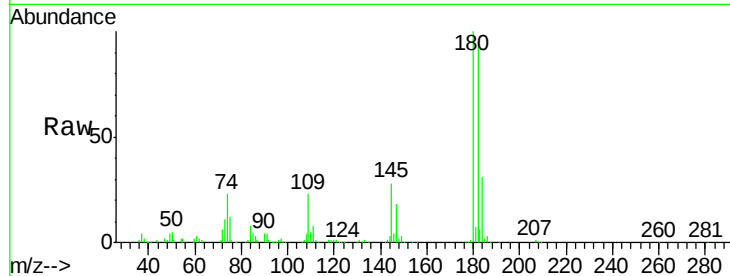




#93
 1,2,4-Trichlorobenzene
 Concen: 21.522 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

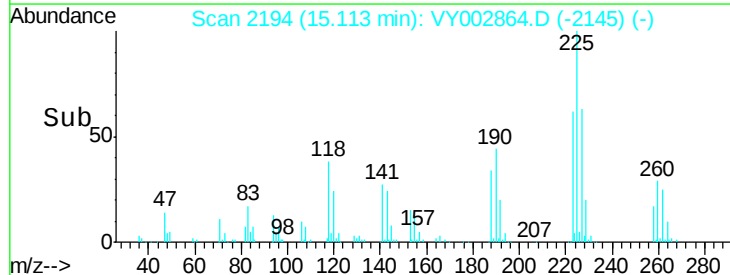
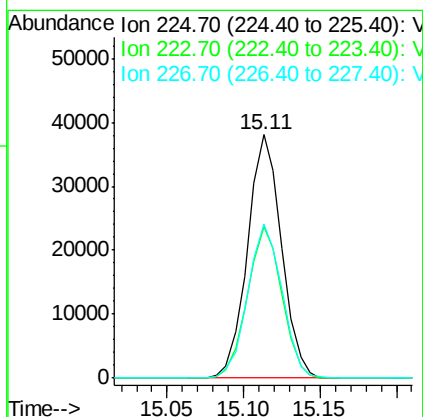
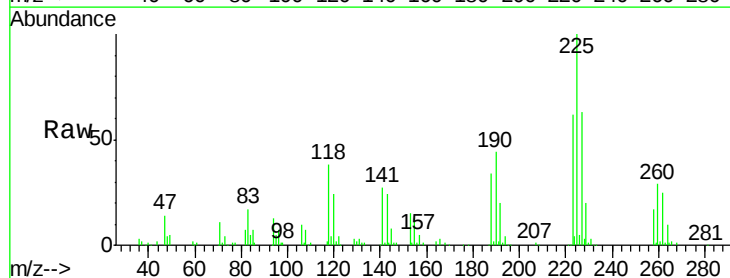
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBS01

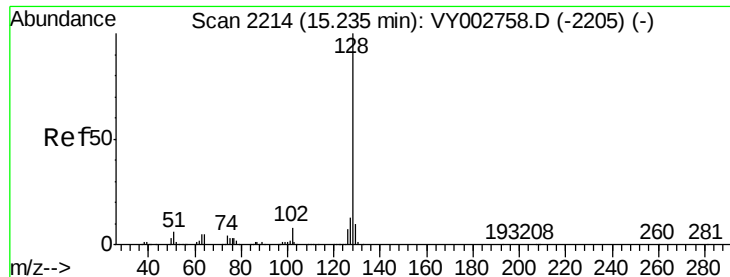
Tot Ion:180 Resp: 102214
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.9
 145 28.5 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 21.794 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002864.D
 Acq: 09 Jun 2020 11:23

Tgt Ion:225 Resp: 58707
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.0 32.3 96.9

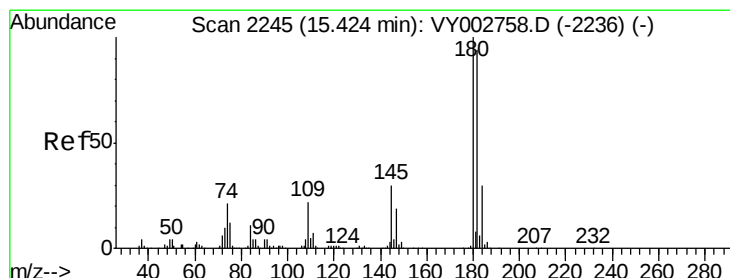
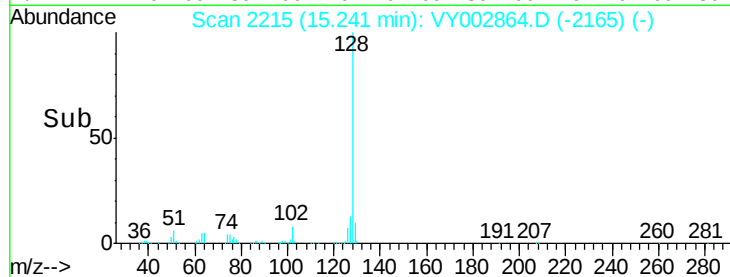
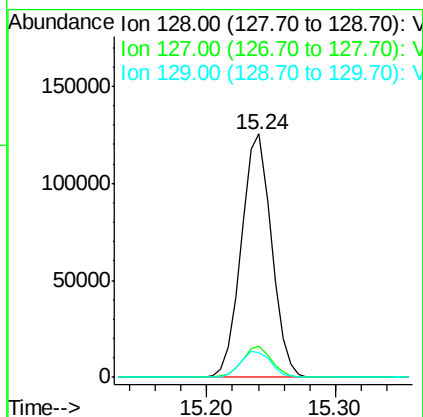
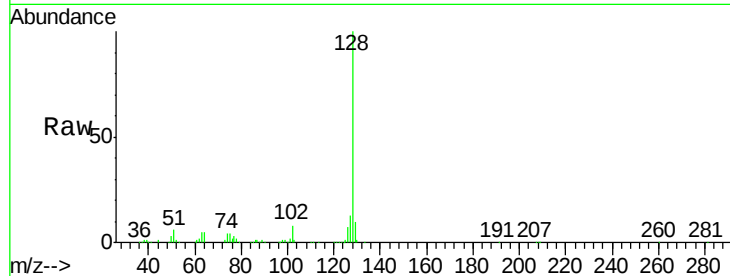




#95
Naphthalene
Concen: 21.309 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBS01

Tot Ion:128 Resp: 202916
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.700 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002864.D
Acq: 09 Jun 2020 11:23

Tgt Ion:180 Resp: 92029
Ion Ratio Lower Upper
180 100
182 93.8 48.1 144.4
145 29.5 15.1 45.3

