

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002843.D
 Acq On : 05 Jun 2020 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 07:55:08 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	317705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	472494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229303	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	133234	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.72	113	139364	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	10.18	98	537325	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.48	95	187705	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	98659	45.131	ug/l	96
3) Chloromethane	2.12	50	110297	45.615	ug/l	100
4) Vinyl Chloride	2.26	62	126165	49.365	ug/l	100
5) Bromomethane	2.65	94	86888	45.366	ug/l	96
6) Chloroethane	2.80	64	78370	47.302	ug/l	99
7) Trichlorofluoromethane	3.13	101	216568	47.845	ug/l	99
8) Diethyl Ether	3.54	74	79788	45.143	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	133756	49.769	ug/l	99
10) Methyl Iodide	4.10	142	184591	49.086	ug/l	99
11) Tert butyl alcohol	4.97	59	69957	235.196	ug/l	99
12) 1,1-Dichloroethene	3.88	96	130626	48.330	ug/l	95
13) Acrolein	3.74	56	83932	259.633	ug/l	100
14) Allyl chloride	4.49	41	193743	49.980	ug/l	99
15) Acrylonitrile	5.18	53	196501	246.439	ug/l	100
16) Acetone	3.96	43	194255	300.310	ug/l	97
17) Carbon Disulfide	4.20	76	367747	45.027	ug/l	99
18) Methyl Acetate	4.49	43	82119	50.606	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	365722	49.015	ug/l	100
20) Methylene Chloride	4.72	84	152459	48.230	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	146786	48.292	ug/l	99
22) Diisopropyl ether	6.13	45	400871	49.765	ug/l	98
23) Vinyl Acetate	6.07	43	1359018	255.534	ug/l	99
24) 1,1-Dichloroethane	6.02	63	236458	50.180	ug/l	99
25) 2-Butanone	6.99	43	259968	257.959	ug/l	100
26) 2,2-Dichloropropane	6.99	77	218221	48.287	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	163717	48.115	ug/l	99
28) Bromochloromethane	7.34	49	102776	53.130	ug/l	99
29) Tetrahydrofuran	7.35	42	160237	244.439	ug/l	100
30) Chloroform	7.51	83	246542	49.305	ug/l	99
31) Cyclohexane	7.79	56	213594	45.654	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	226654	48.643	ug/l	100
36) 1,1-Dichloropropene	7.93	75	188744	47.421	ug/l	99
37) Ethyl Acetate	7.08	43	107507	49.645	ug/l	99
38) Carbon Tetrachloride	7.91	117	211389	47.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	248622	47.390	ug/l	99
40) Benzene	8.16	78	564672	48.014	ug/l	99
41) Methacrylonitrile	7.35	41	144995	124.634	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	155934	47.311	ug/l	100
43) Isopropyl Acetate	8.28	43	202459	49.336	ug/l	100
44) Trichloroethene	8.94	130	175463	47.233	ug/l	99
45) 1,2-Dichloropropane	9.22	63	138423	49.081	ug/l	99
46) Dibromomethane	9.31	93	80744	48.207	ug/l	99
47) Bromodichloromethane	9.50	83	194680	49.303	ug/l	98
48) Methyl methacrylate	9.30	41	90829	49.030	ug/l	99
49) 1,4-Dioxane	9.30	88	24012	933.654	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	541277	249.093	ug/l	100
52) Toluene	10.24	92	371608	48.301	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	212573	49.288	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	240848	49.283	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	123223	48.053	ug/l	96
56) Ethyl methacrylate	10.51	69	170690	49.697	ug/l	99
57) 1,3-Dichloropropane	10.79	76	204021	48.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	420357	250.472	ug/l	99
59) 2-Hexanone	10.83	43	388978	252.289	ug/l	99
60) Dibromochloromethane	10.99	129	159022	48.914	ug/l	99
61) 1,2-Dibromoethane	11.09	107	123611	48.867	ug/l	99
64) Tetrachloroethene	10.72	164	179134	45.190	ug/l	99
65) Chlorobenzene	11.52	112	416427	48.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	158628	48.858	ug/l	99
67) Ethyl Benzene	11.60	91	724220	48.459	ug/l	98
68) m/p-Xylenes	11.70	106	560064	96.655	ug/l	100
69) o-Xylene	12.03	106	264975	48.440	ug/l	99
70) Styrene	12.05	104	462387	48.761	ug/l	100
71) Bromoform	12.21	173	108226	49.817	ug/l #	100
73) Isopropylbenzene	12.33	105	724802	49.324	ug/l	99
74) N-amyl acetate	12.14	43	190740	50.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	137244	53.231	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	194436	94.104	ug/l #	100
77) Bromobenzene	12.61	156	185916	48.589	ug/l	100
78) n-propylbenzene	12.67	91	836111	49.258	ug/l	100
79) 2-Chlorotoluene	12.75	91	465798	48.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	605737	49.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56124	51.176	ug/l	98
82) 4-Chlorotoluene	12.86	91	487950	48.913	ug/l	100
83) tert-Butylbenzene	13.08	119	541063	49.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	613299	49.712	ug/l	99
85) sec-Butylbenzene	13.25	105	735488	49.149	ug/l	100
86) p-Isopropyltoluene	13.37	119	691086	49.631	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	357843	49.373	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	354320	48.870	ug/l	100
89) n-Butylbenzene	13.70	91	629241	49.774	ug/l	100
90) Hexachloroethane	13.96	117	131191	50.327	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	323913	49.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24890	50.178	ug/l	97

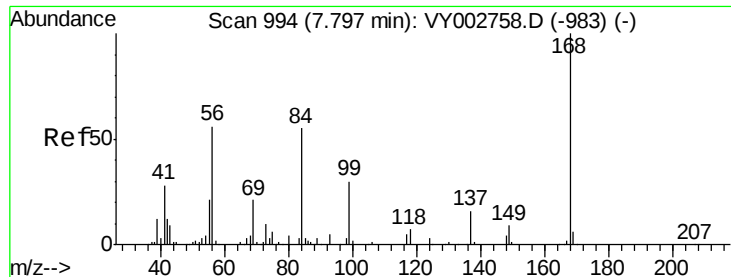
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	242692	48.985	ug/l	99
94) Hexachlorobutadiene	15.11	225	140733	50.082	ug/l	98
95) Naphthalene	15.23	128	490328	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	216328	48.896	ug/l	100

(#) = 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: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

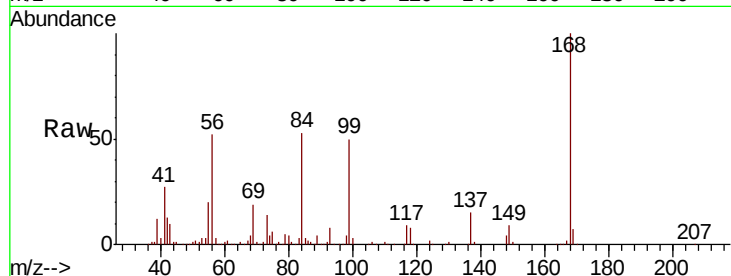
VSTDCCC050

Tot Ion:168 Resp: 317705

Ion Ratio Lower Upper

168 100

99 50.2 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

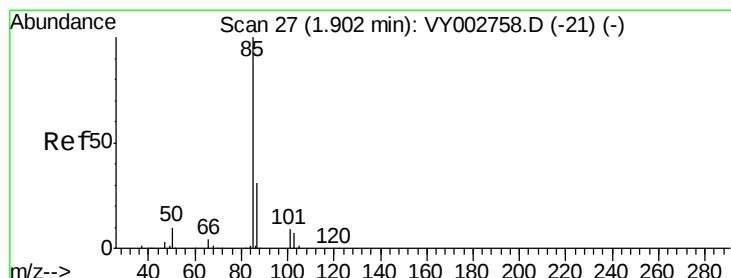
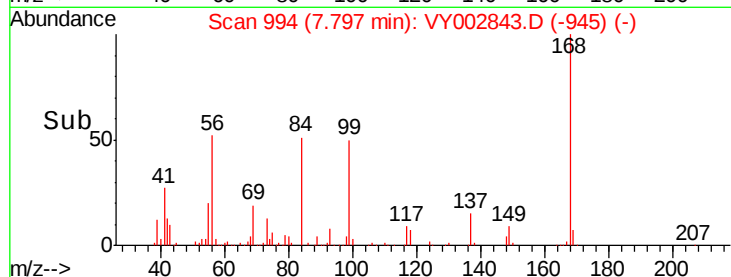
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.131 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002843.D

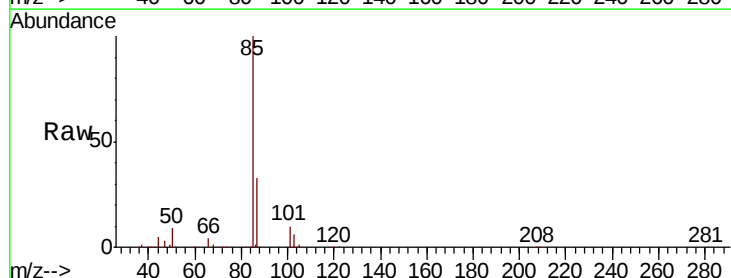
Acq: 05 Jun 2020 12:42

Tgt Ion: 85 Resp: 98659

Ion Ratio Lower Upper

85 100

87 33.3 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

80000

60000

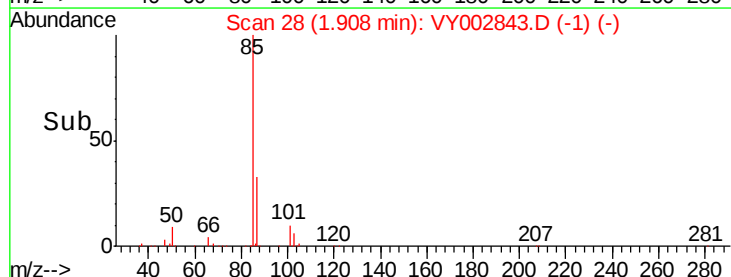
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.615 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

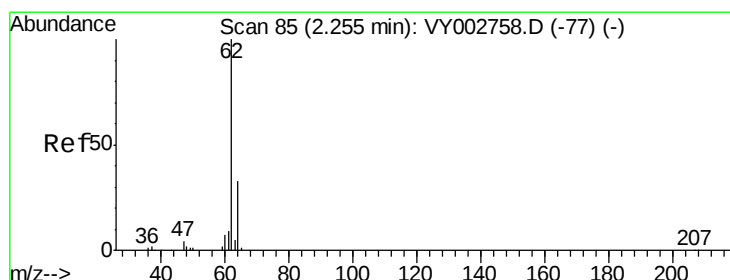
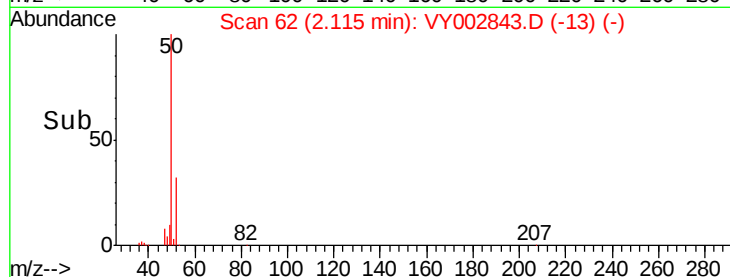
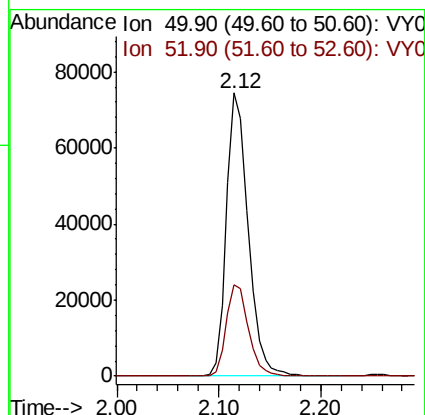
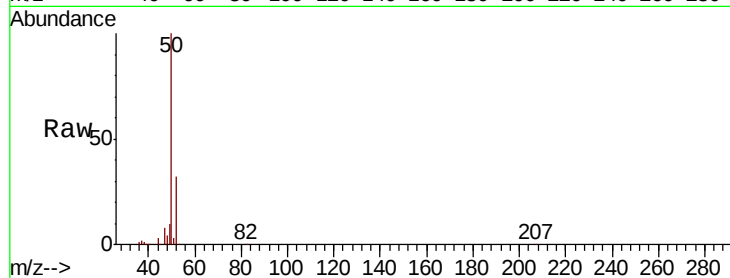
VSTDCCC050

Tot Ion: 50 Resp: 110297

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



#4

Vinyl Chloride

Concen: 49.365 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002843.D

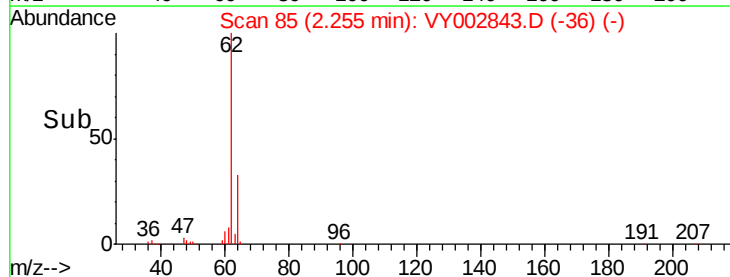
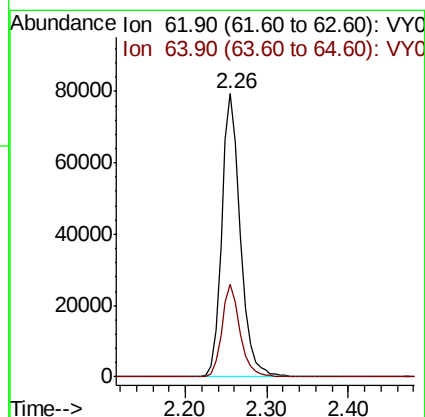
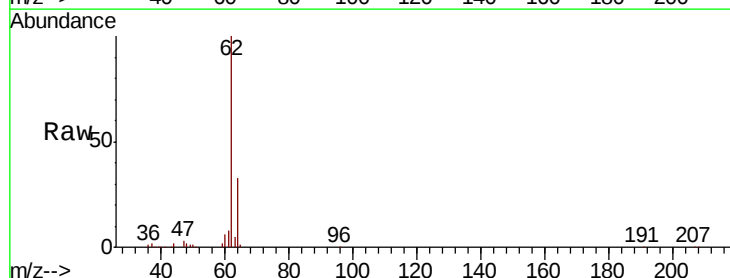
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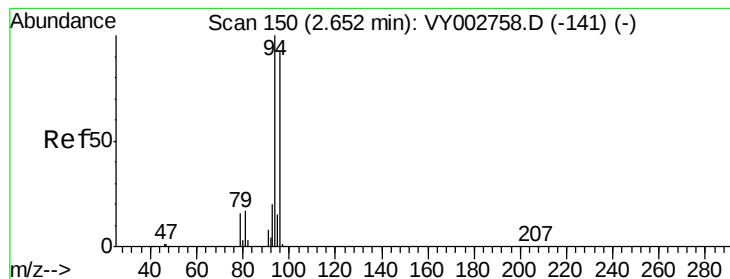
Tgt Ion: 62 Resp: 126165

Ion Ratio Lower Upper

62 100

64 32.8 26.1 39.1





#5

Bromomethane

Concen: 45.366 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

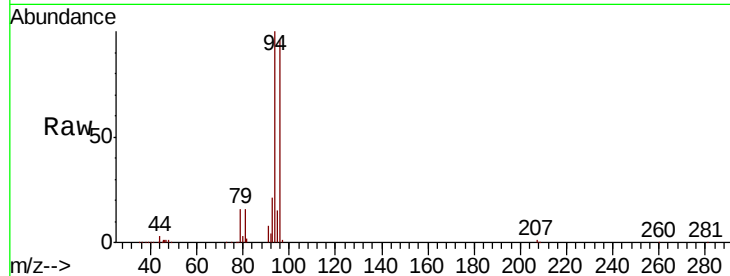
VSTDCCC050

Tot Ion: 94 Resp: 86888

Ion Ratio Lower Upper

94 100

96 96.3 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

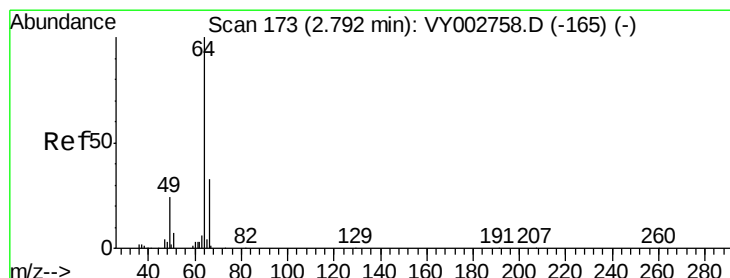
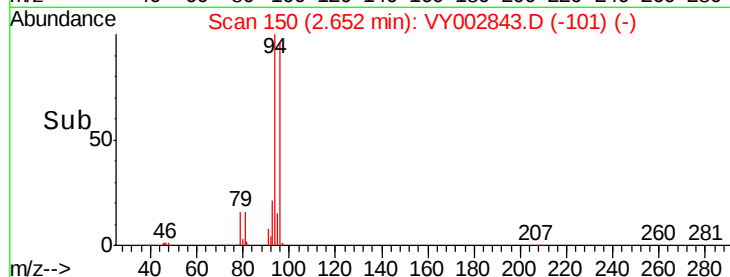
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 47.302 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002843.D

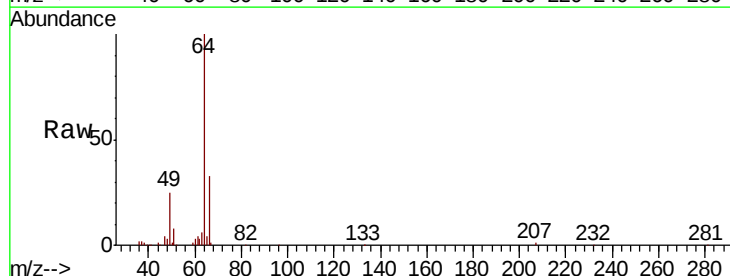
Acq: 05 Jun 2020 12:42

Tgt Ion: 64 Resp: 78370

Ion Ratio Lower Upper

64 100

66 32.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

40000

30000

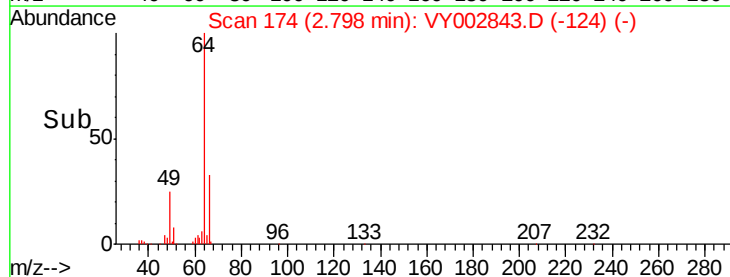
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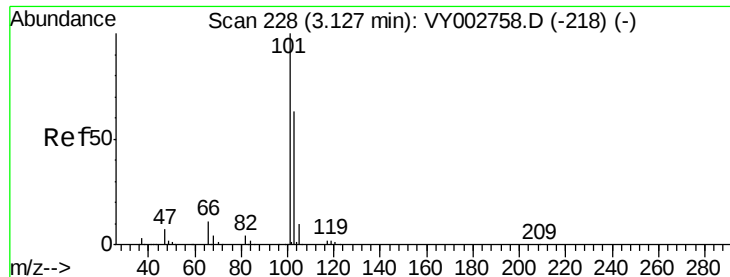
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Time-->

2.70 2.80 2.90



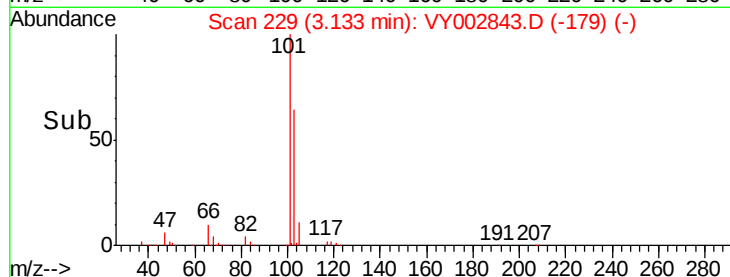
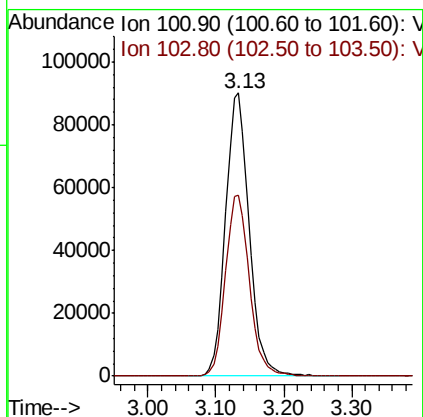
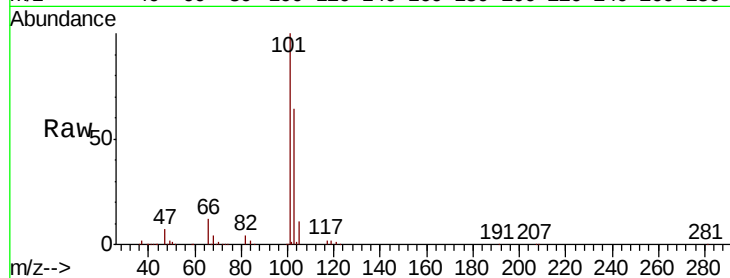


#7

Trichlorofluoromethane
Concen: 47.845 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
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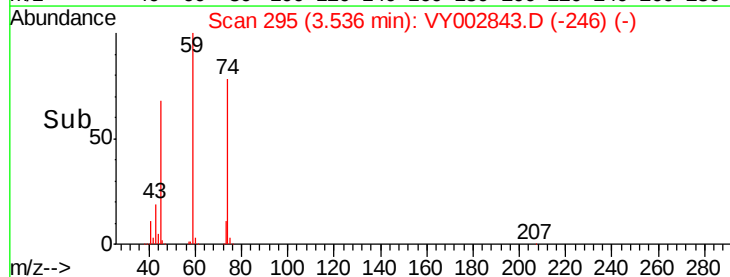
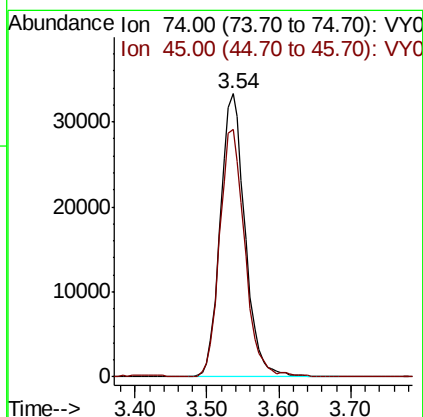
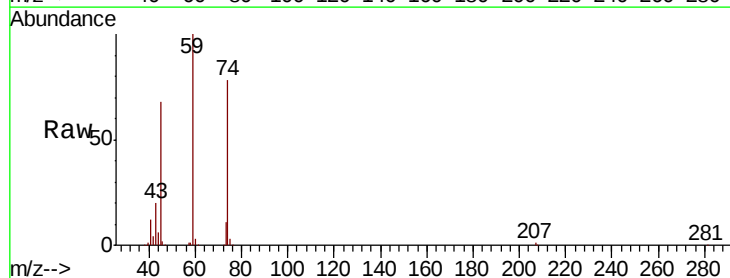
Tot Ion:101 Resp: 216568
Ion Ratio Lower Upper
101 100
103 64.1 50.6 76.0

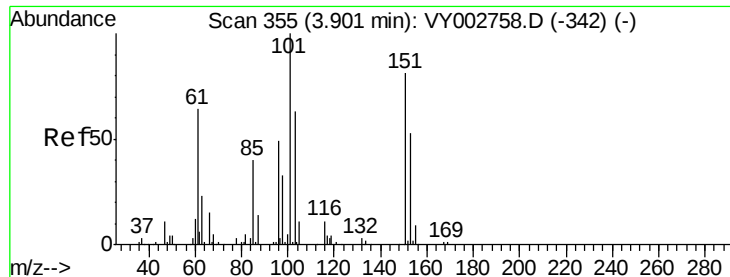


#8

Diethyl Ether
Concen: 45.143 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 74 Resp: 79788
Ion Ratio Lower Upper
74 100
45 88.9 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.769 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

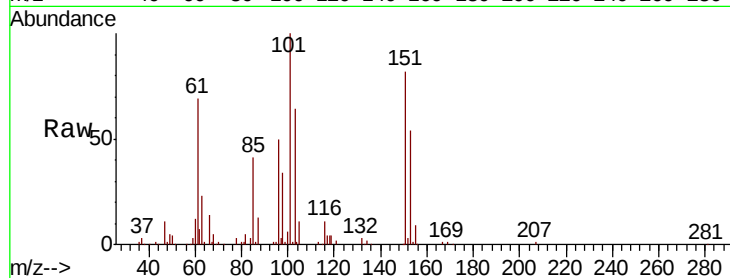
Tot Ion:101 Resp: 133756

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

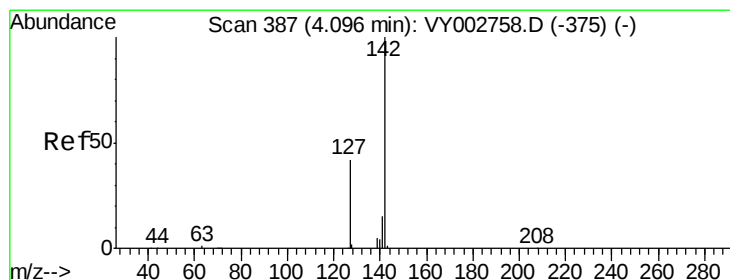
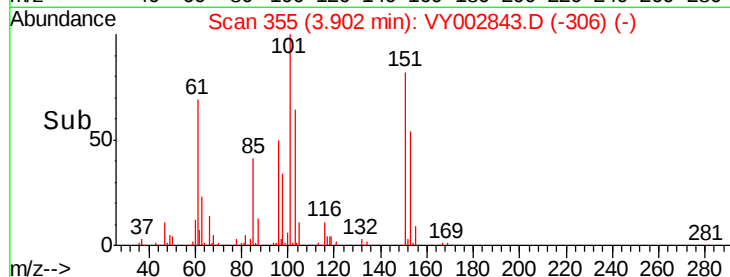
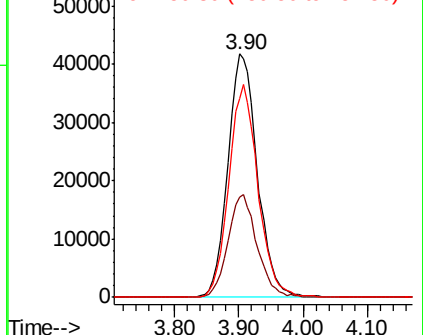
151 86.2 68.0 102.0



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: 49.086 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

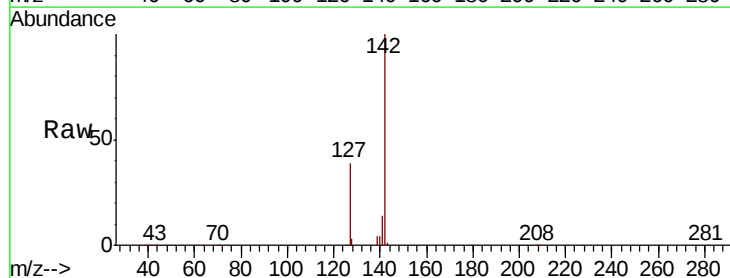
Tgt Ion:142 Resp: 184591

Ion Ratio Lower Upper

142 100

127 40.5 33.3 49.9

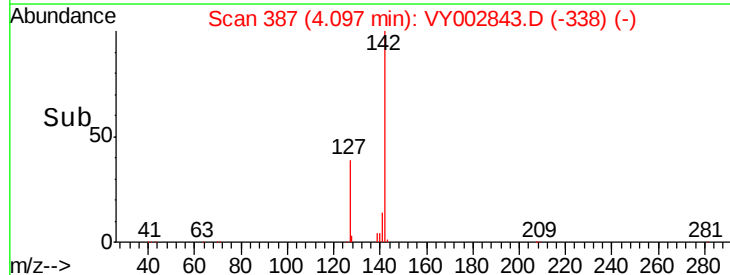
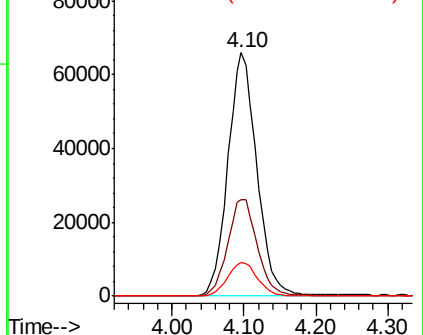
141 14.3 11.5 17.3



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



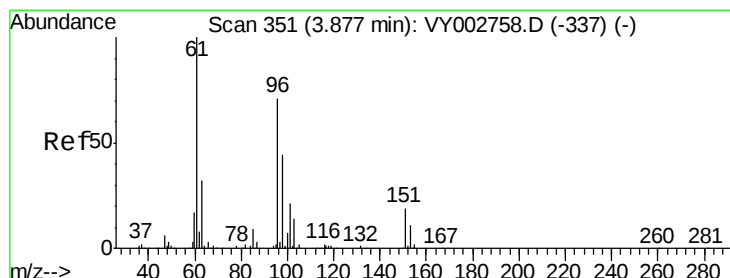
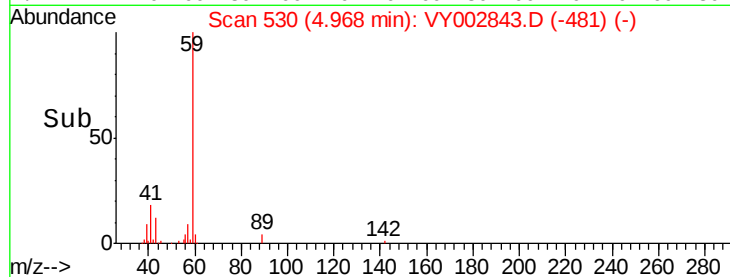
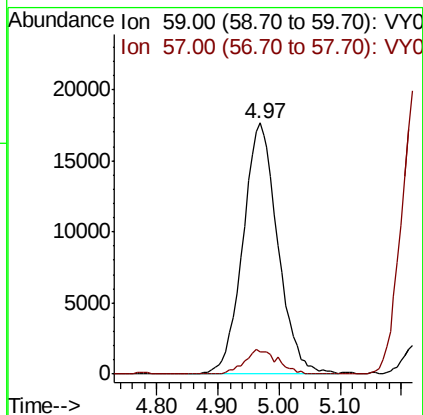
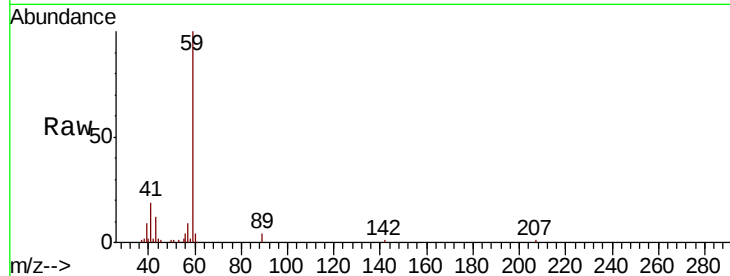


#11

Tert butyl alcohol
 Concen: 235.196 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

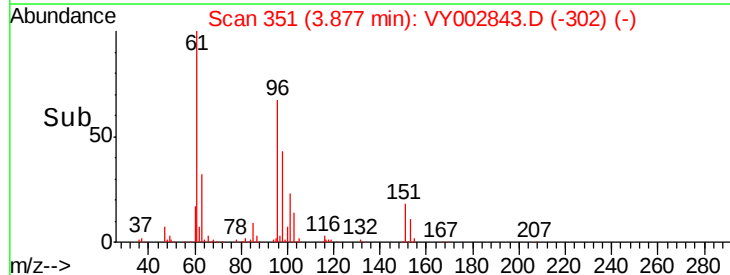
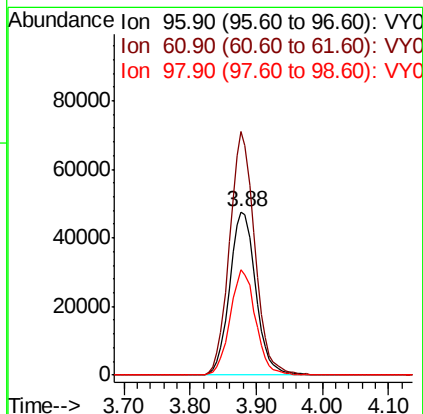
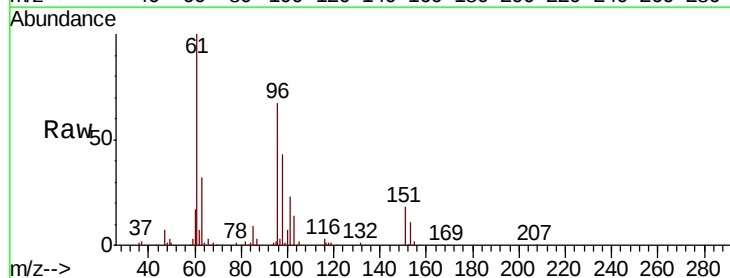
Tot Ion: 59 Resp: 69957
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.7 11.5

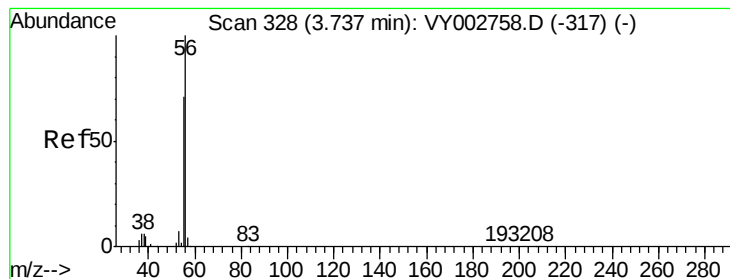


#12

1,1-Dichloroethene
 Concen: 48.330 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion: 96 Resp: 130626
 Ion Ratio Lower Upper
 96 100
 61 148.9 112.6 168.8
 98 64.4 50.0 75.0





#13

Acrolein

Concen: 259.633 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

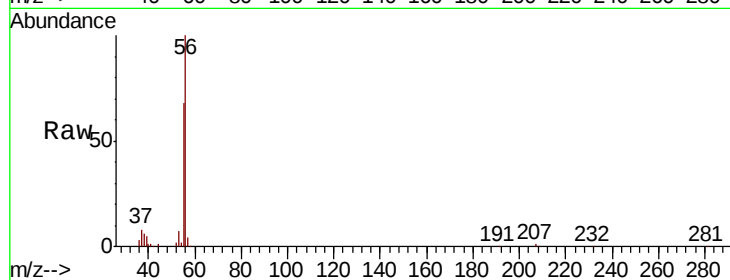
VSTDCCC050

Tot Ion: 56 Resp: 83932

Ion Ratio Lower Upper

56 100

55 69.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

30000

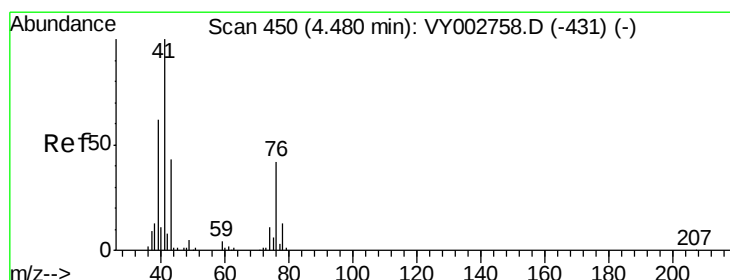
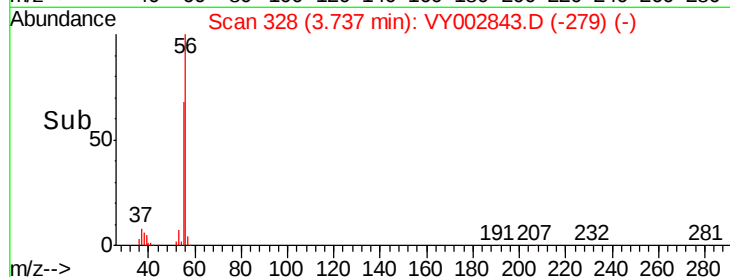
20000

10000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 49.980 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

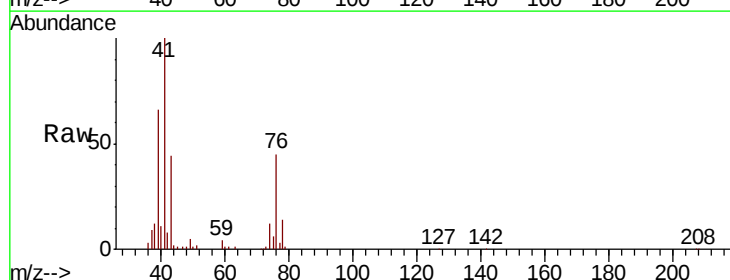
Tgt Ion: 41 Resp: 193743

Ion Ratio Lower Upper

41 100

39 61.3 49.9 74.9

76 41.1 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

80000

60000

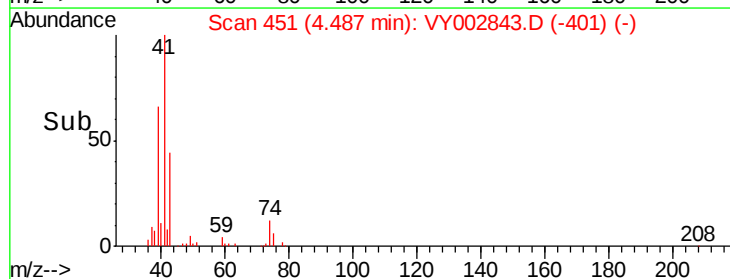
40000

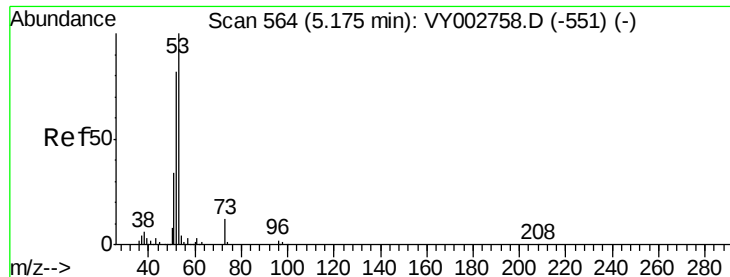
20000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 246.439 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

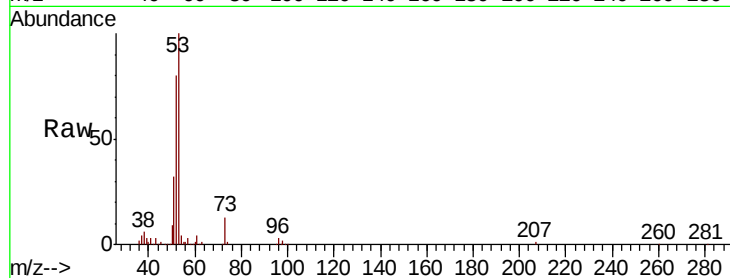
Tot Ion: 53 Resp: 196501

Ion Ratio Lower Upper

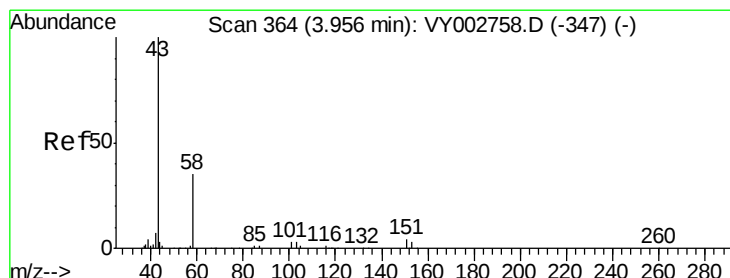
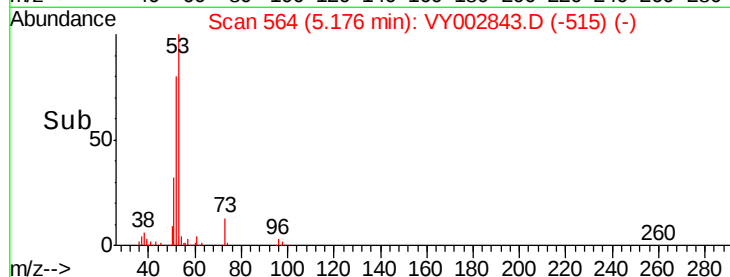
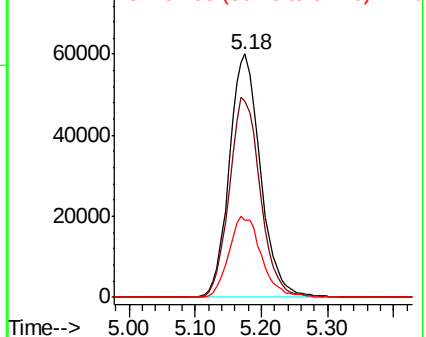
53 100

52 81.9 65.3 97.9

51 35.0 28.0 42.0



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



#16

Acetone

Concen: 300.310 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002843.D

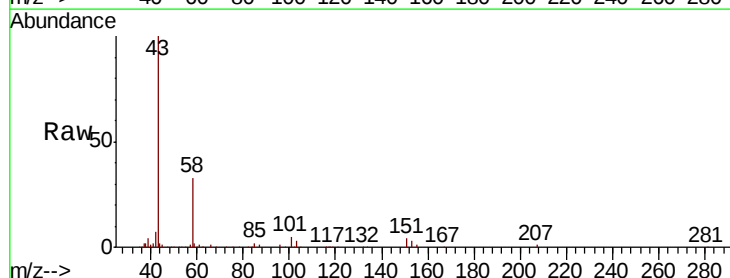
Acq: 05 Jun 2020 12:42

Tgt Ion: 43 Resp: 194255

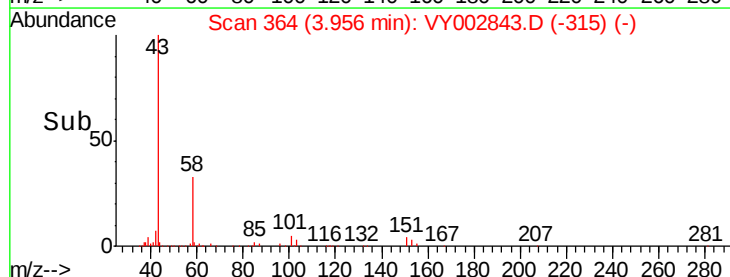
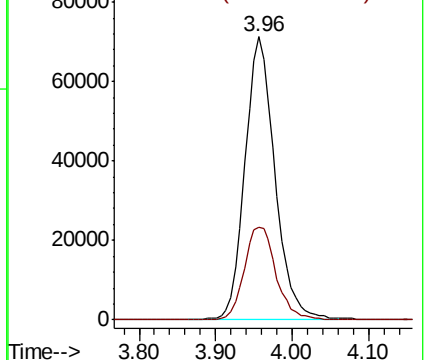
Ion Ratio Lower Upper

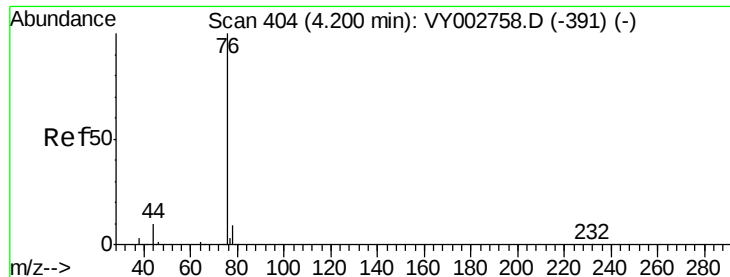
43 100

58 32.6 27.7 41.5



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

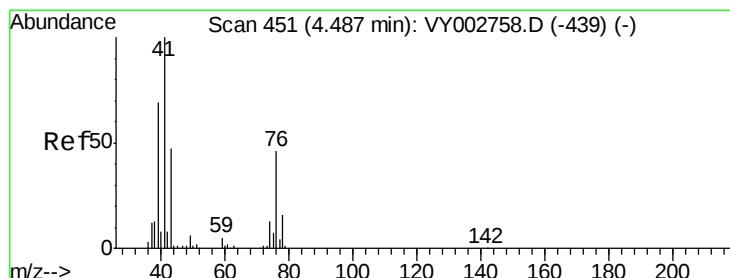
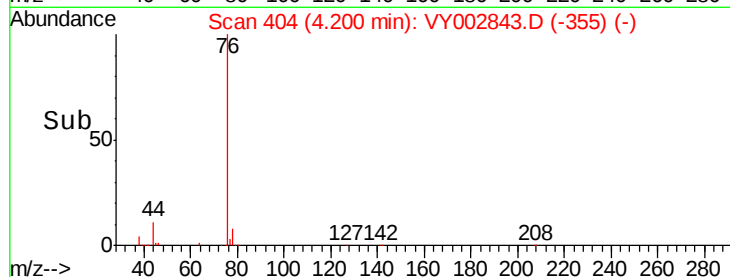
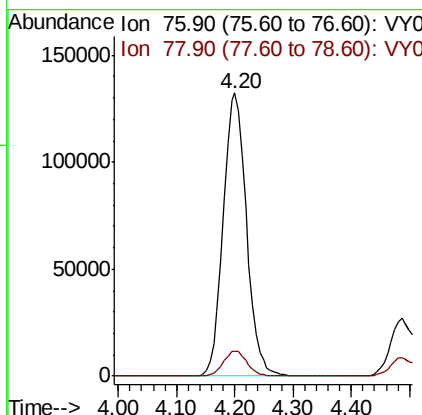
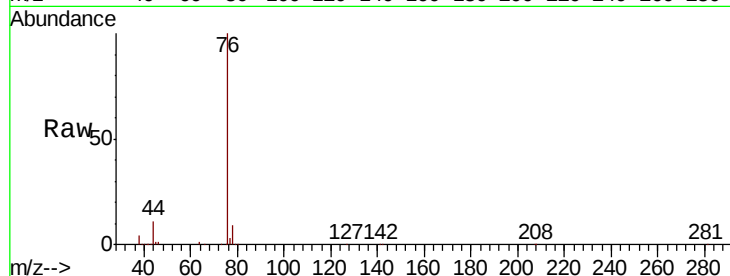




#17
Carbon Disulfide
Concen: 45.027 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

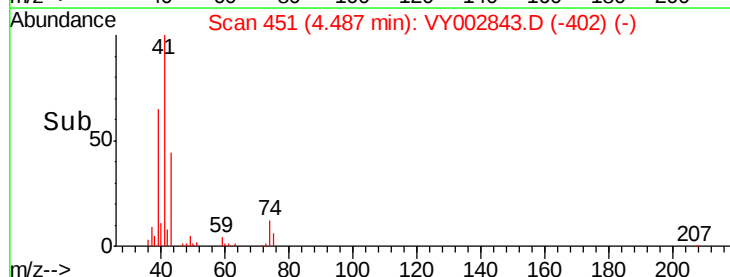
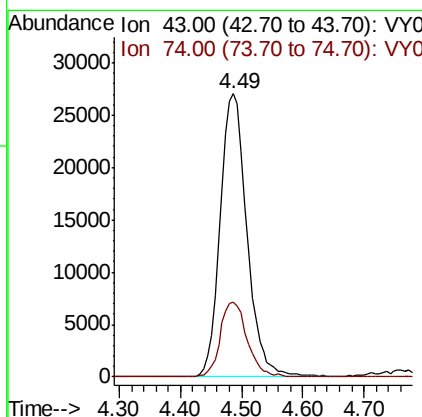
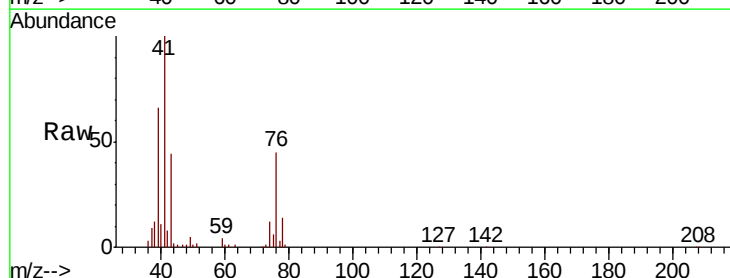
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 367747
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 50.606 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 43 Resp: 82119
Ion Ratio Lower Upper
43 100
74 26.5 21.4 32.0

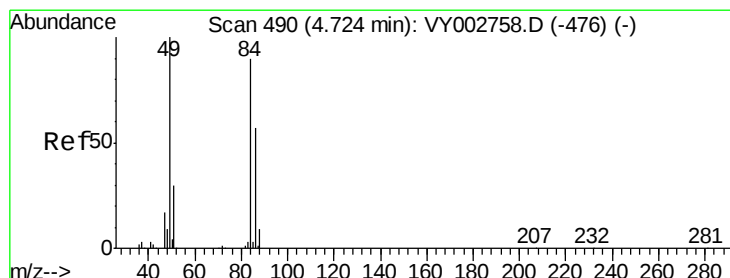
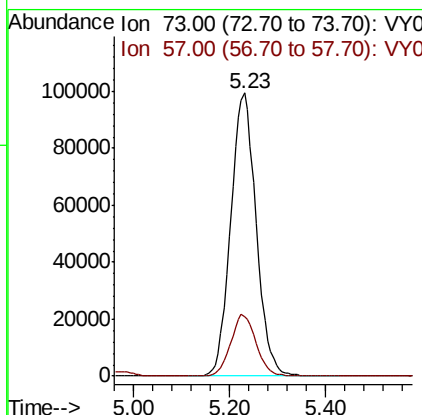
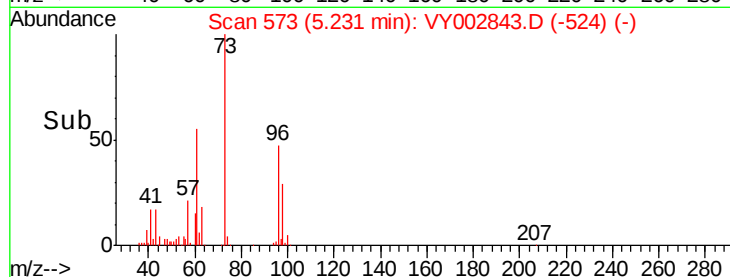
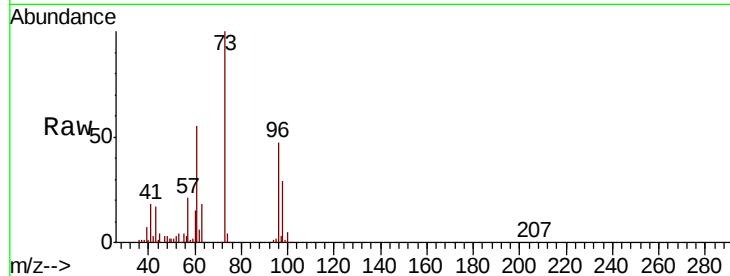




#19
Methvl tert-butvl Ether
Concen: 49.015 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

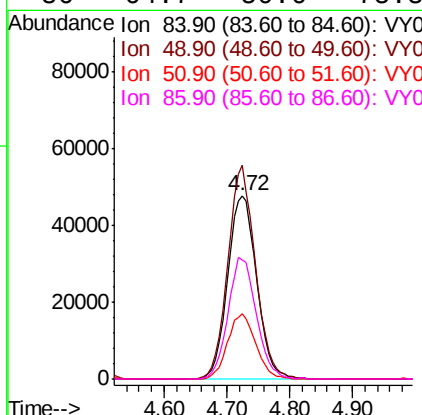
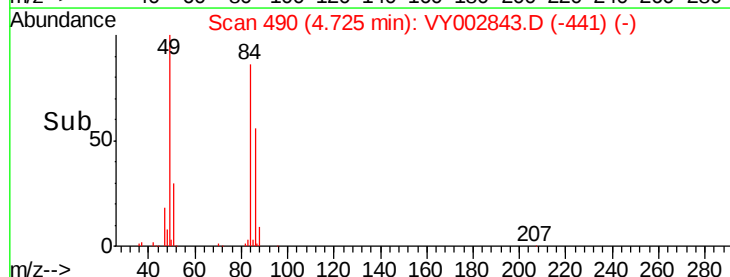
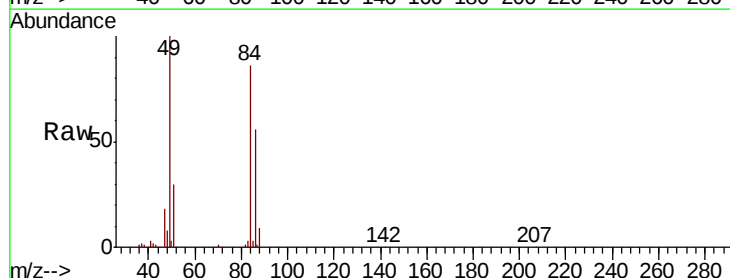
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 365722
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 48.230 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 84 Resp: 152459
Ion Ratio Lower Upper
84 100
49 116.4 88.5 132.7
51 35.4 26.8 40.2
86 64.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.292 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

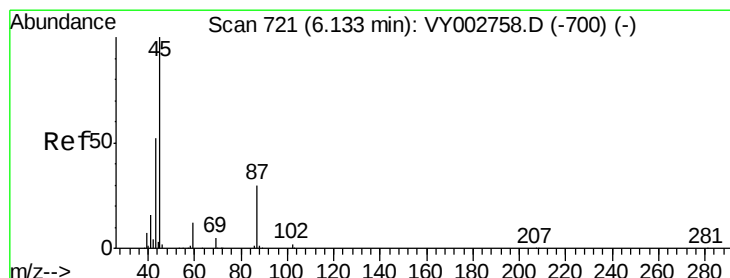
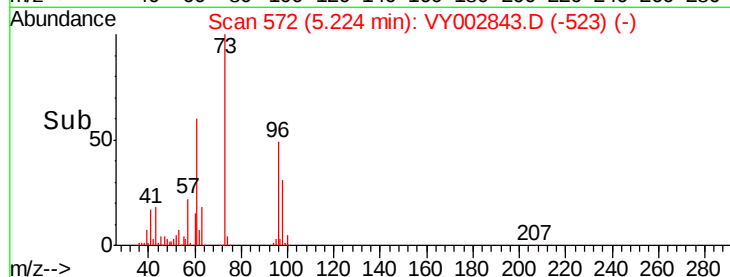
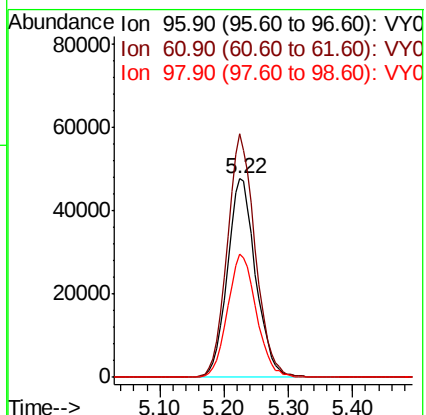
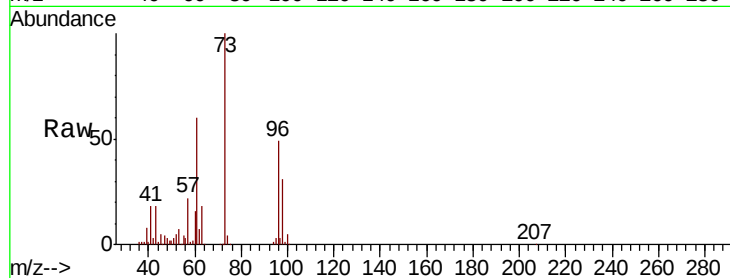
Tot Ion: 96 Resp: 146786

Ion Ratio Lower Upper

96 100

61 122.7 96.8 145.2

98 62.2 49.4 74.0



#22

Diisopropyl ether

Concen: 49.765 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Tgt Ion: 45 Resp: 400871

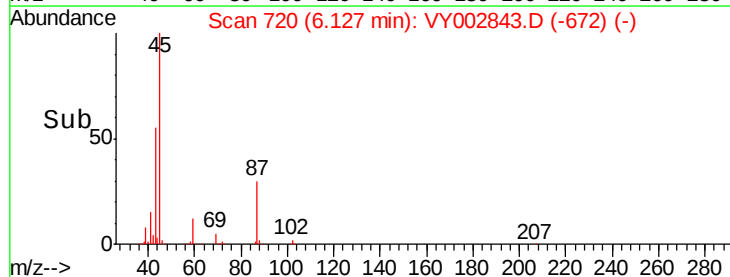
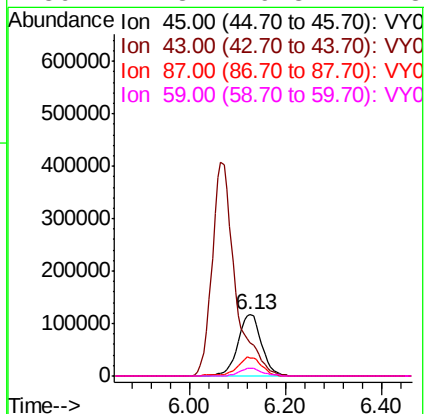
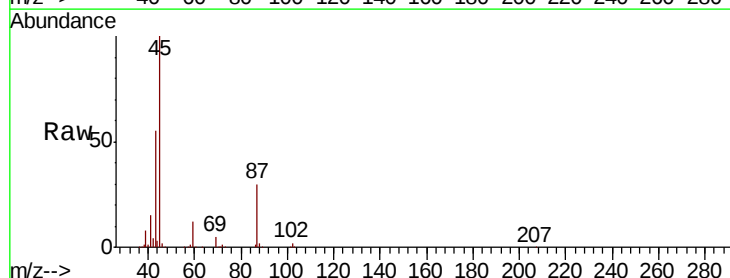
Ion Ratio Lower Upper

45 100

43 54.6 41.7 62.5

87 30.2 24.2 36.2

59 12.3 9.8 14.8

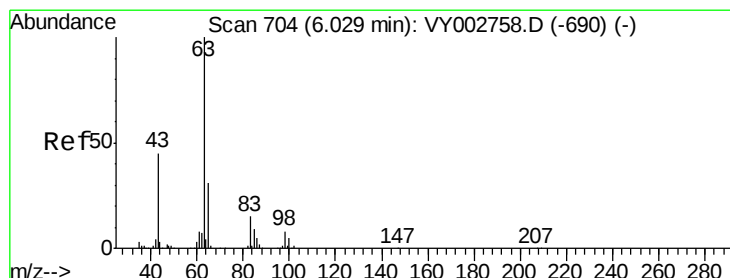
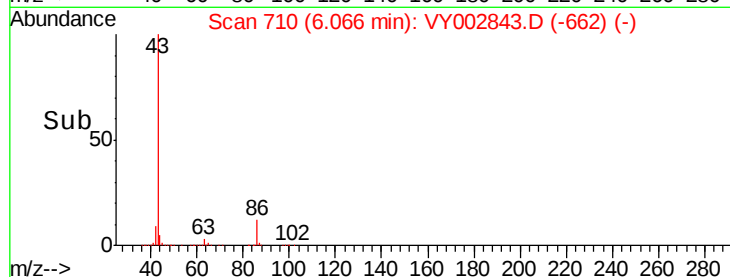
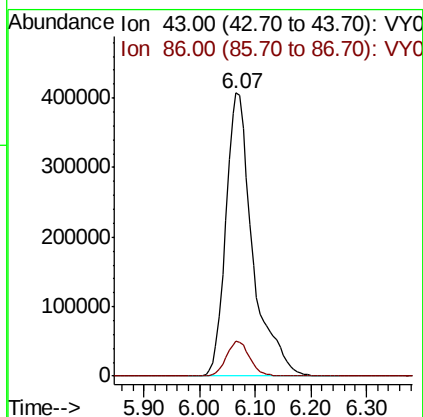
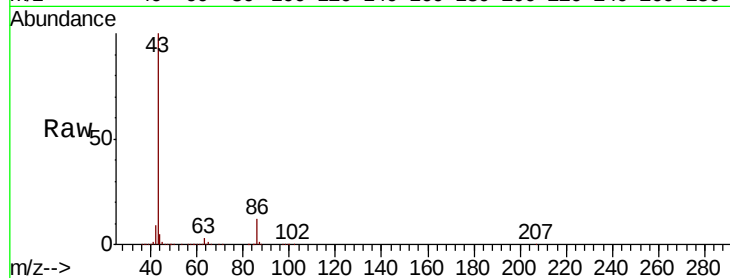




#23
 Vinyl Acetate
 Concen: 255.534 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

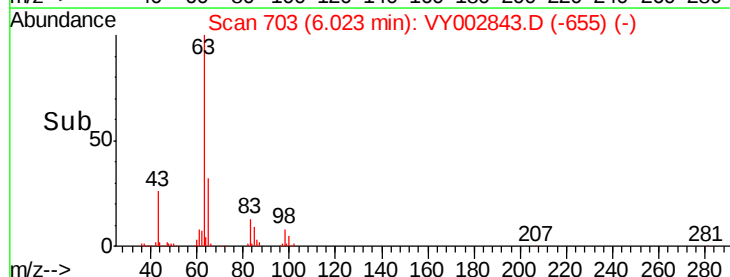
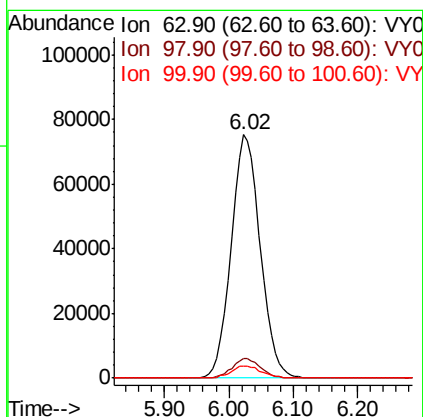
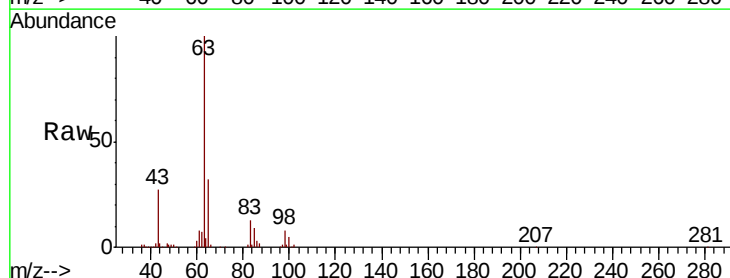
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1359018
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 50.180 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion: 63 Resp: 236458
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.2 2.4 7.1

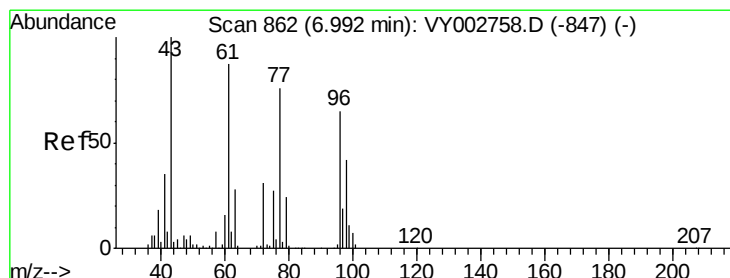
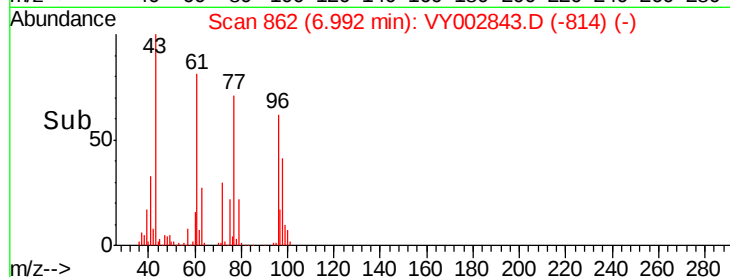
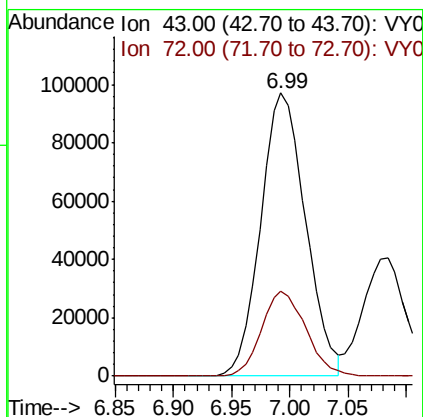
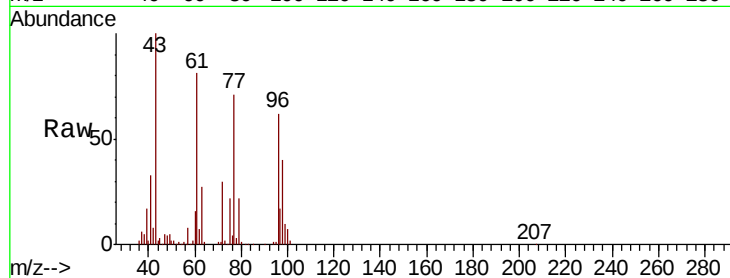




#25
2-Butanone
Concen: 257.959 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

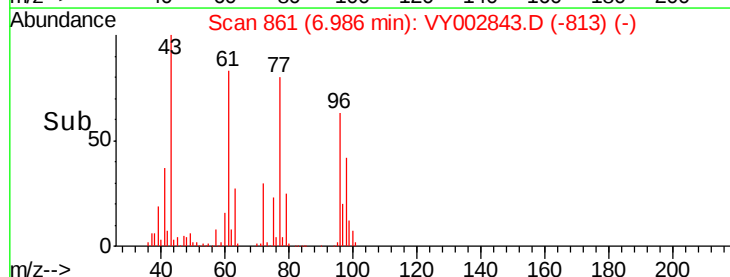
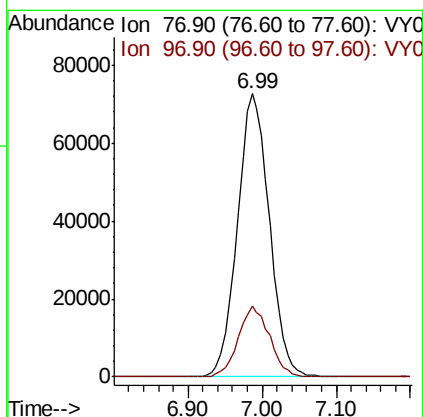
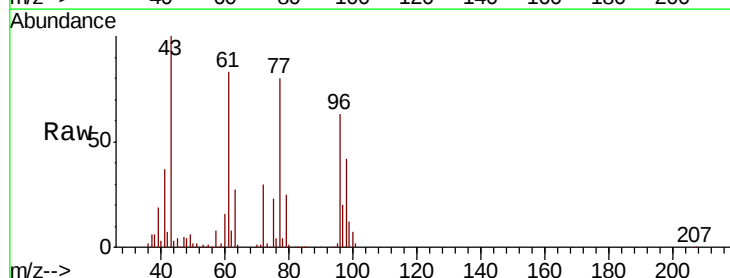
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 259968
Ion Ratio Lower Upper
43 100
72 30.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 48.287 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 77 Resp: 218221
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6



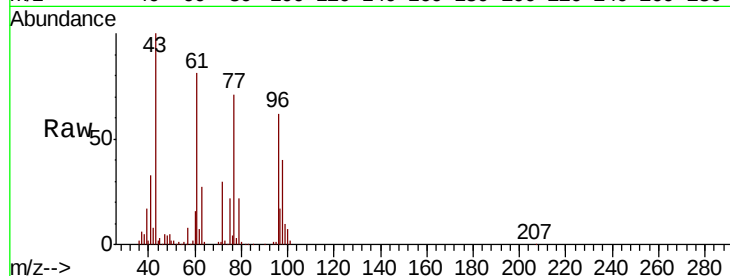


#27

cis-1,2-Dichloroethene
 Concen: 48.115 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	260.2
98	65.6	0.0	128.2

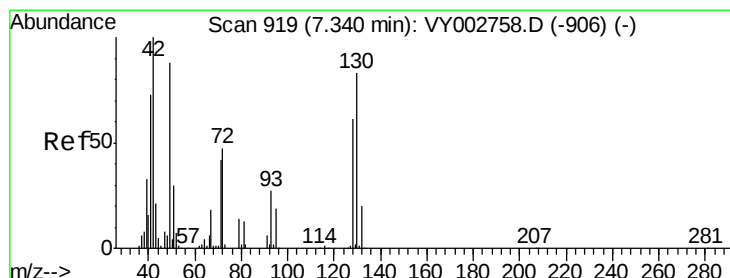
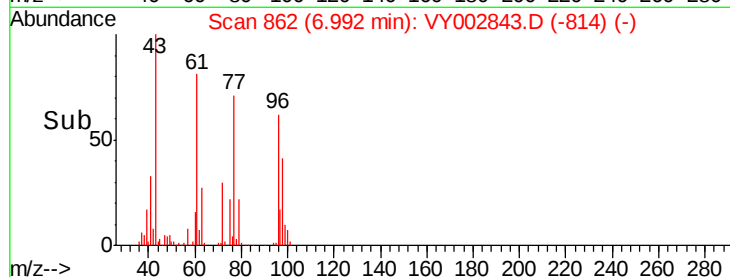
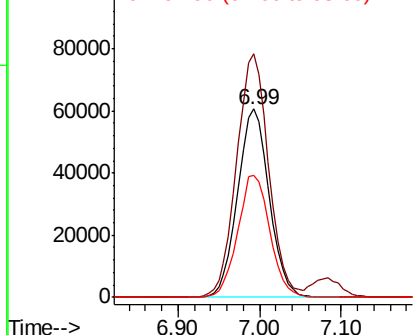


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

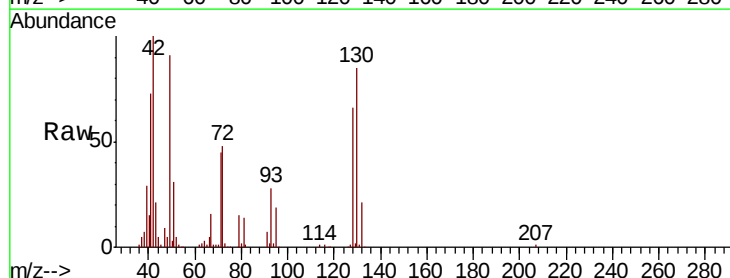
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 53.130 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	95.4	77.1	115.7

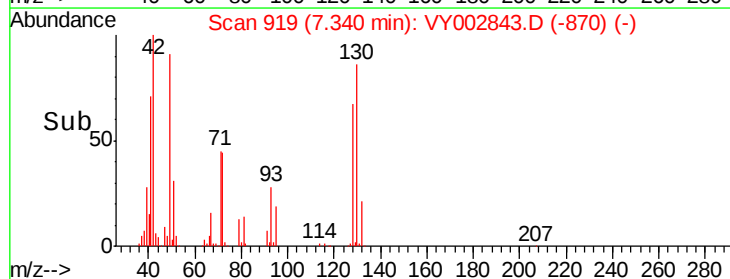
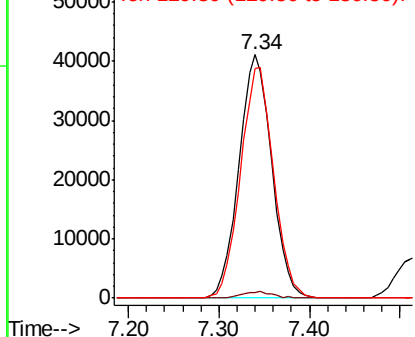


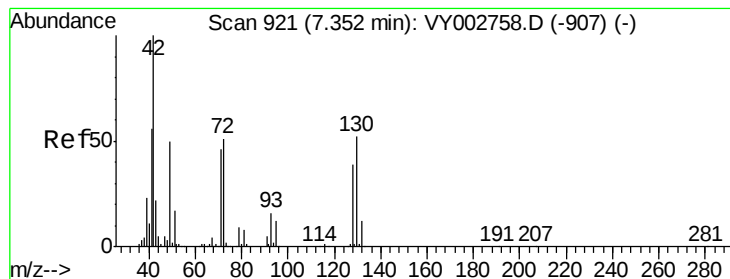
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 244.439 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

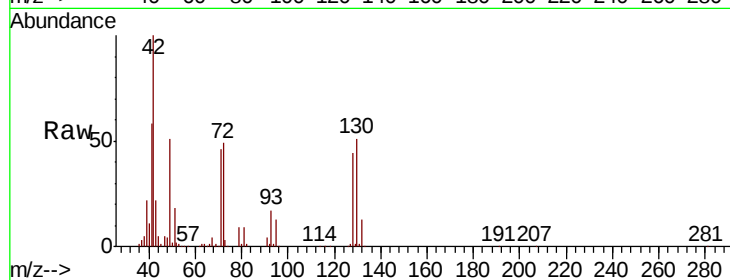
Tot Ion: 42 Resp: 160237

Ion Ratio Lower Upper

42 100

72 47.8 38.6 58.0

71 44.9 35.8 53.8

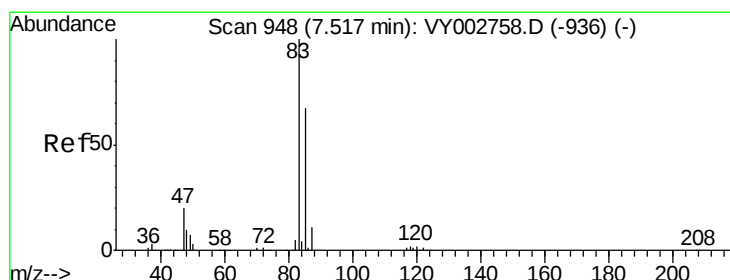
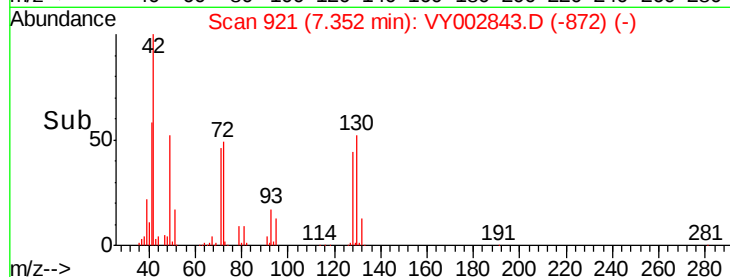
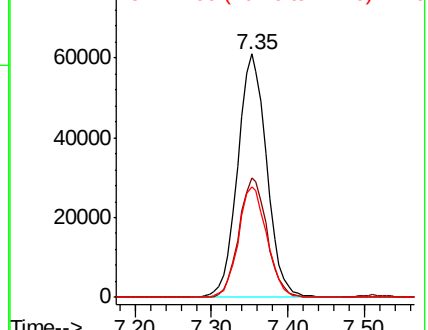


Abundance

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: 49.305 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002843.D

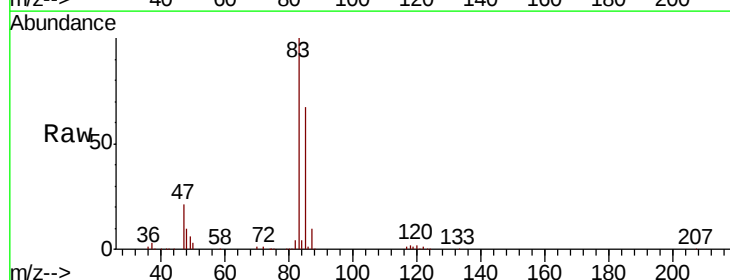
Acq: 05 Jun 2020 12:42

Tgt Ion: 83 Resp: 246542

Ion Ratio Lower Upper

83 100

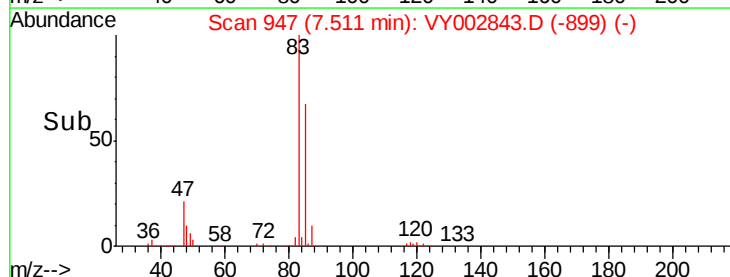
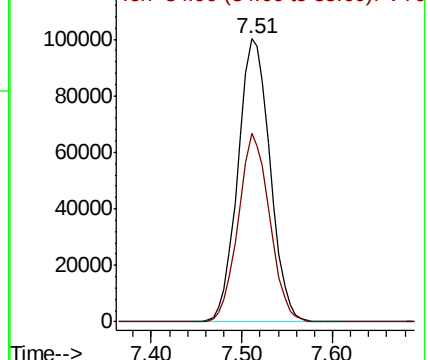
85 66.6 53.8 80.8



Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.654 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

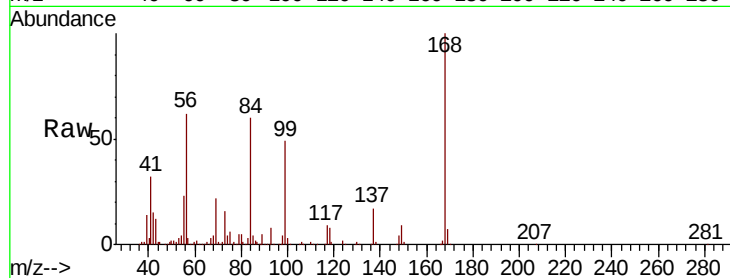
Tot Ion: 56 Resp: 213594

Ion Ratio Lower Upper

56 100

69 35.3 28.0 42.0

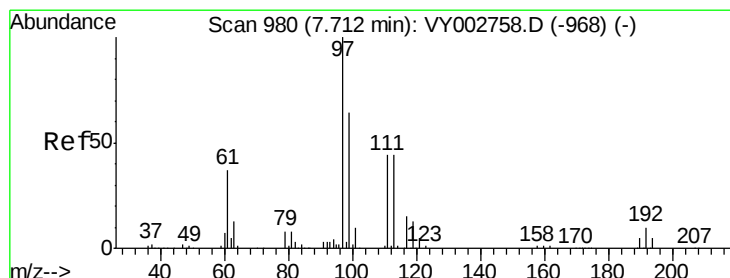
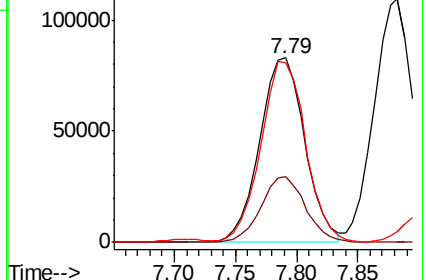
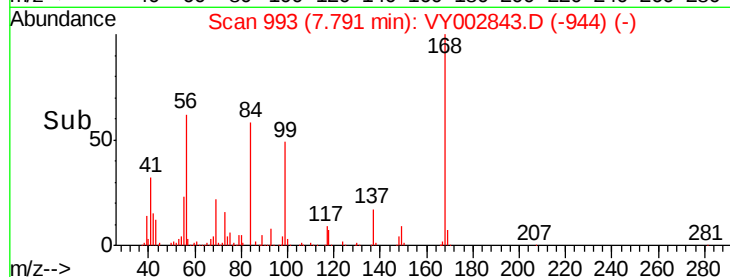
84 95.3 77.7 116.5



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: 48.643 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

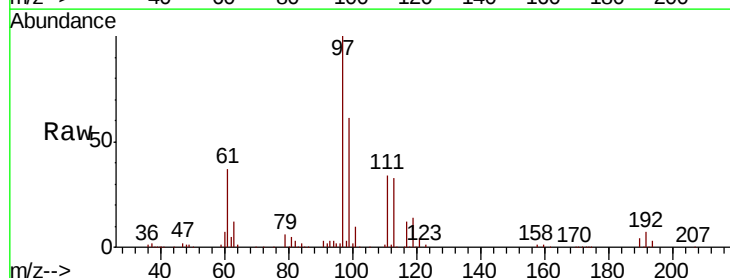
Tgt Ion: 97 Resp: 226654

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

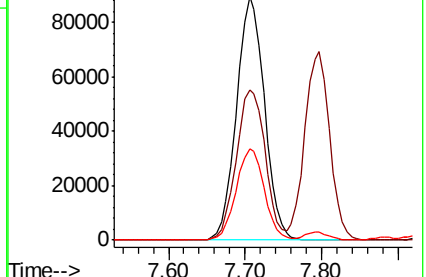
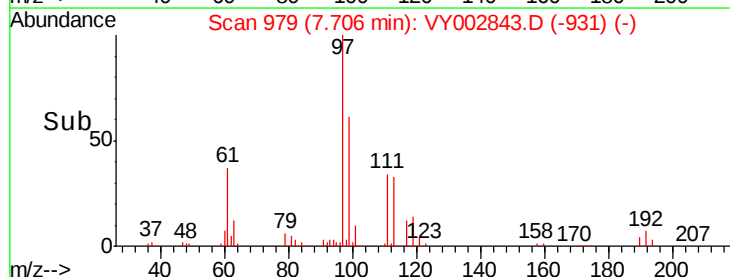
61 37.8 30.1 45.1



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

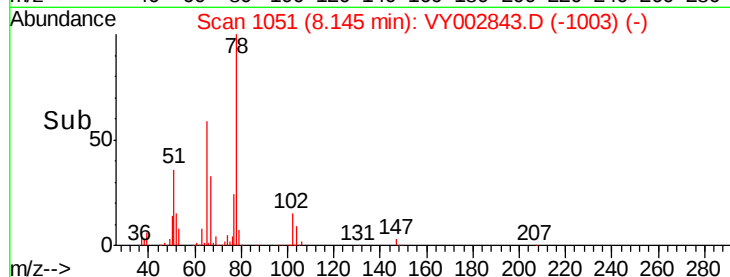
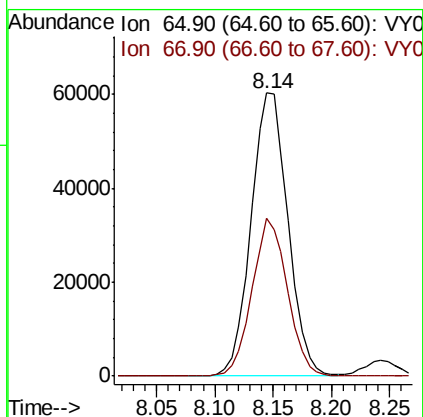
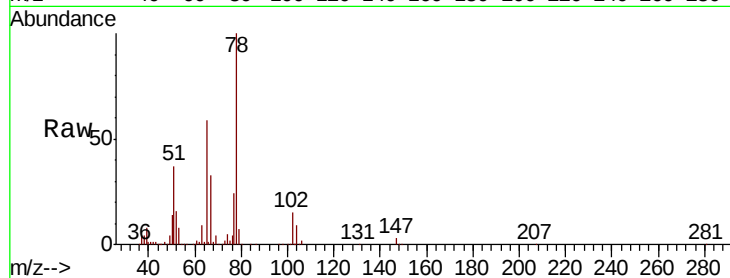




#33
 1,2-Dichloroethane-d4
 Concen: 48.298 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

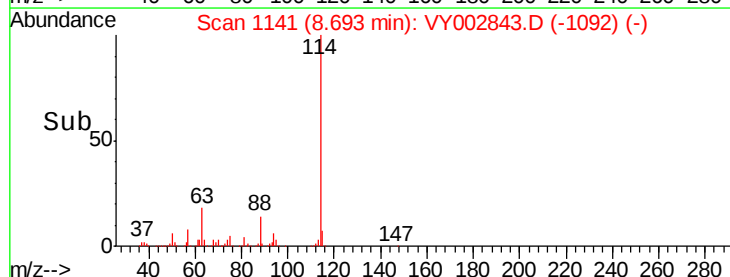
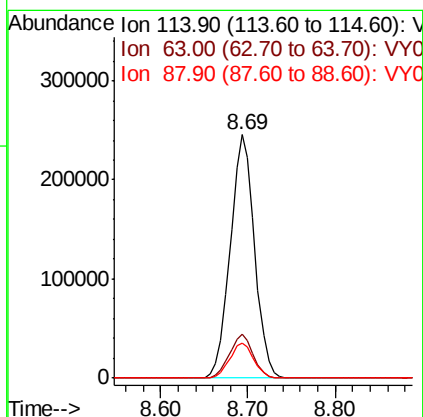
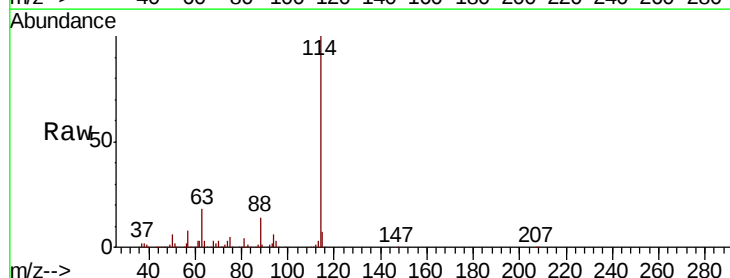
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 133234
 Ion Ratio Lower Upper
 65 100
 67 53.6 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: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion: 114 Resp: 472494
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.5 0.0 29.2

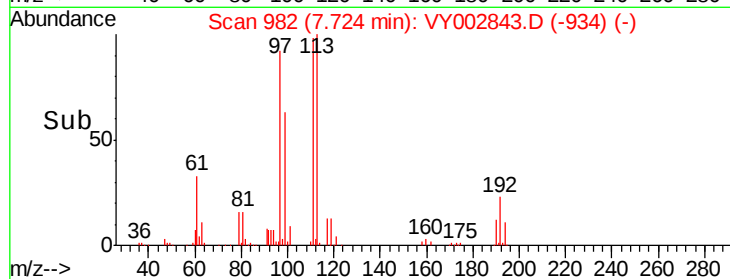
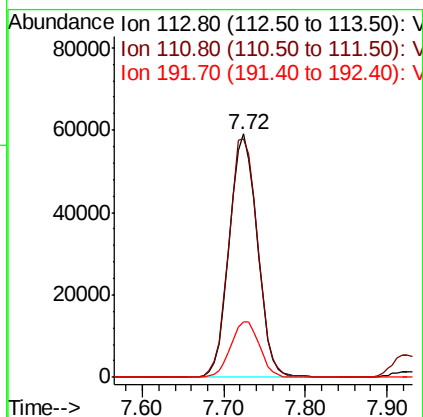
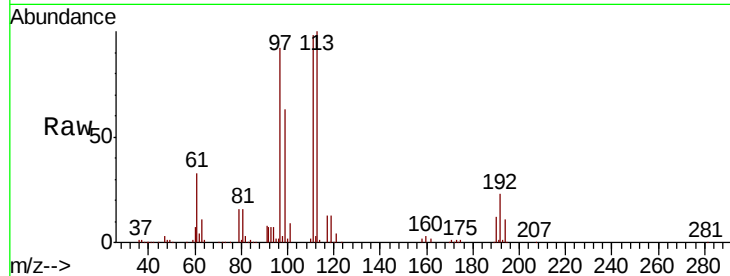




#35
 Dibromofluoromethane
 Concen: 50.329 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

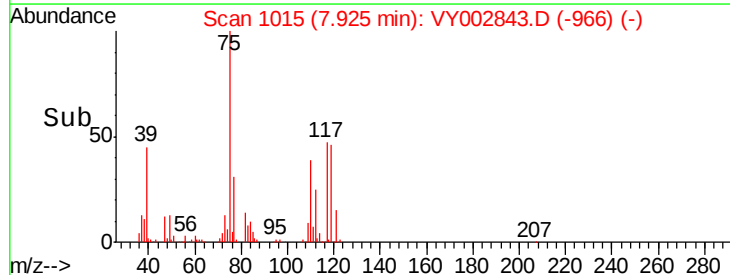
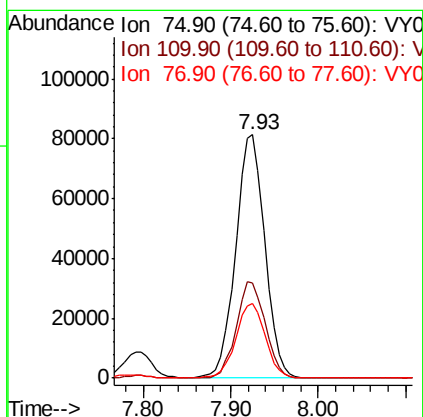
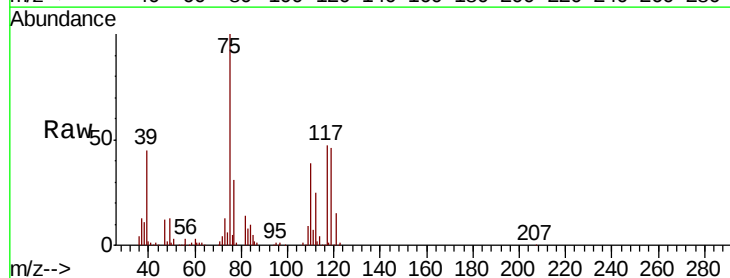
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

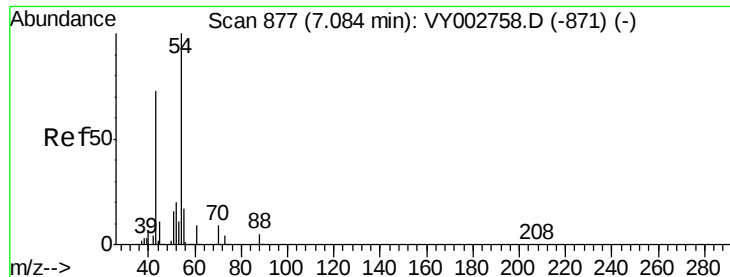
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 47.421 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.3	57.9
77	31.1	24.8	37.2

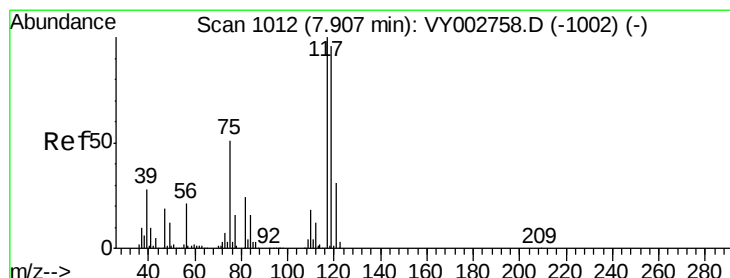
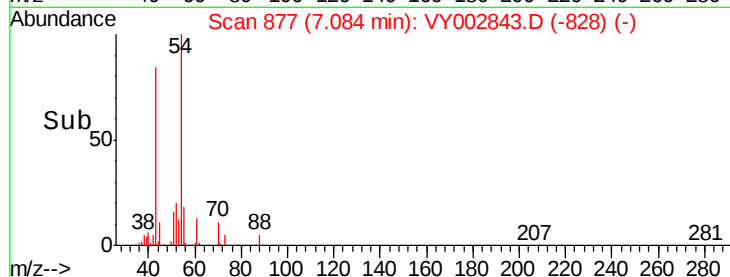
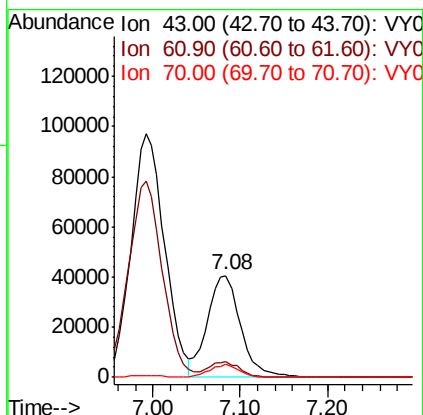
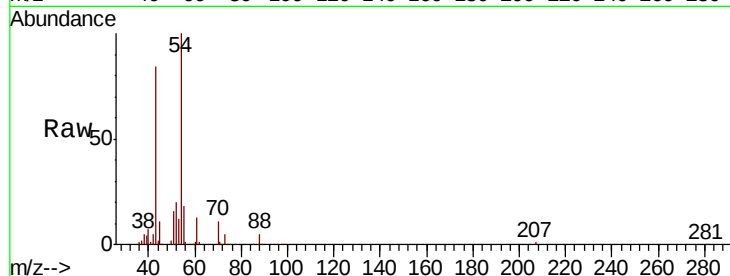




#37
Ethyl Acetate
Concen: 49.645 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

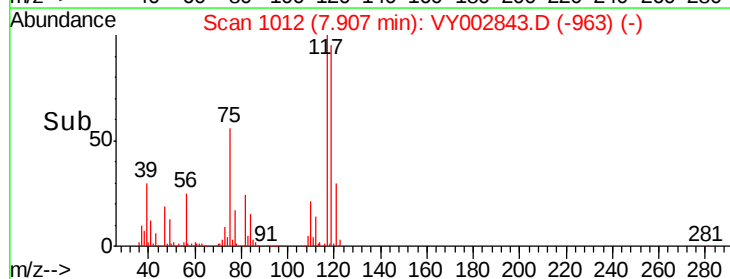
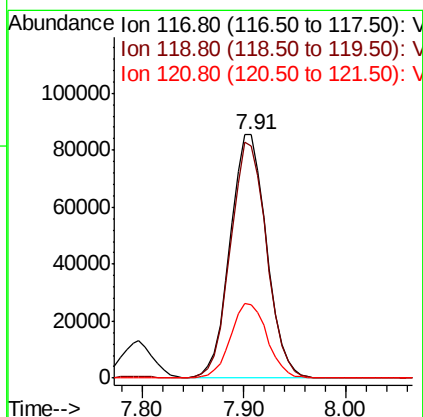
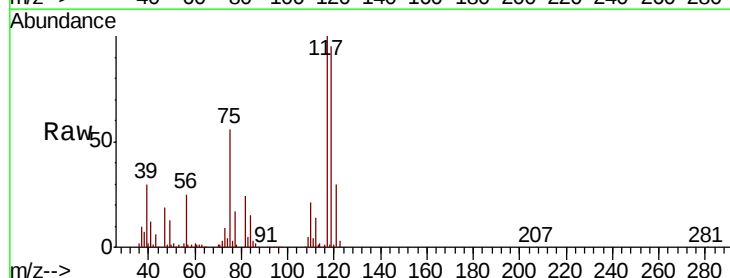
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

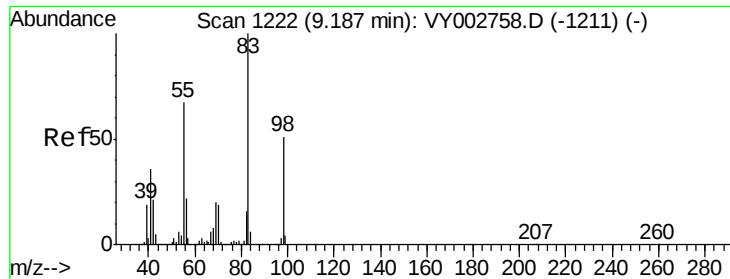
Tot Ion: 43 Resp: 107507
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 47.809 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 117 Resp: 211389
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2
121 30.3 24.8 37.2

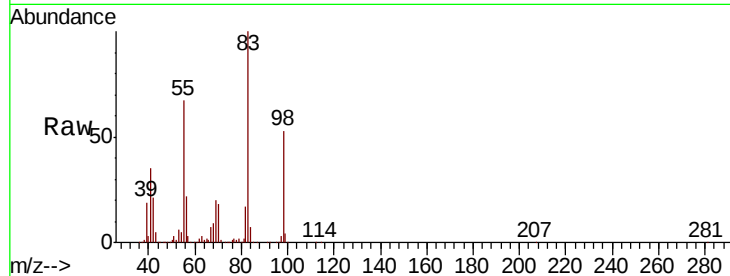




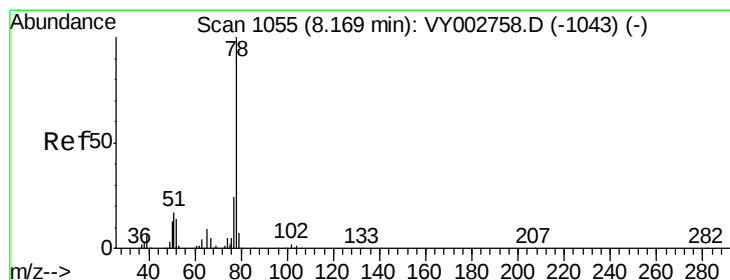
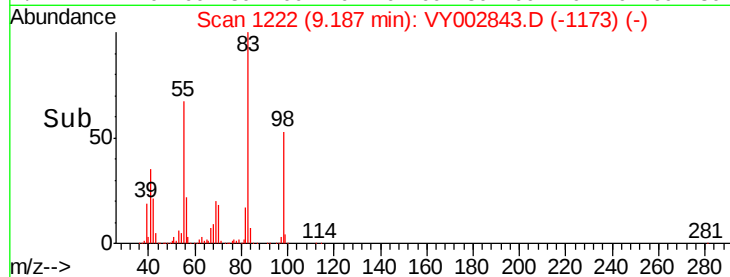
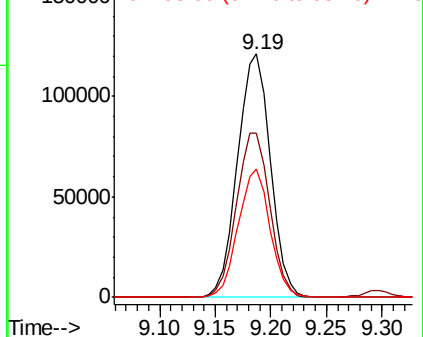
#39
Methvlcvclohexane
Concen: 47.390 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 248622
Ion Ratio Lower Upper
83 100
55 67.3 53.3 79.9
98 52.9 41.1 61.7

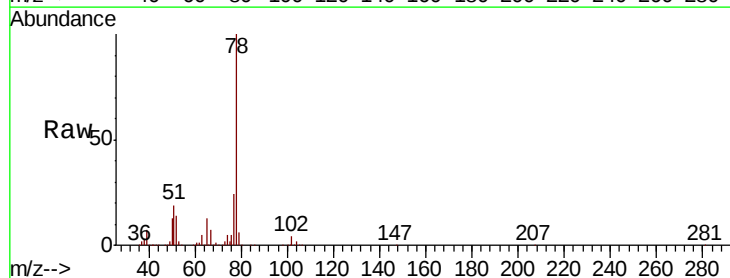


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

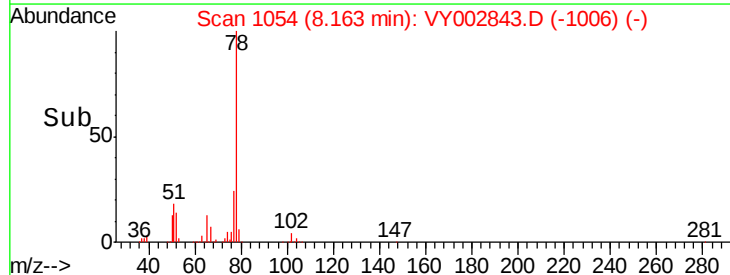
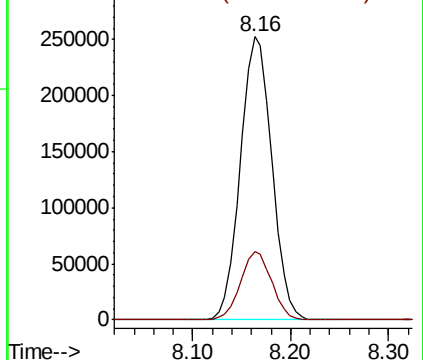


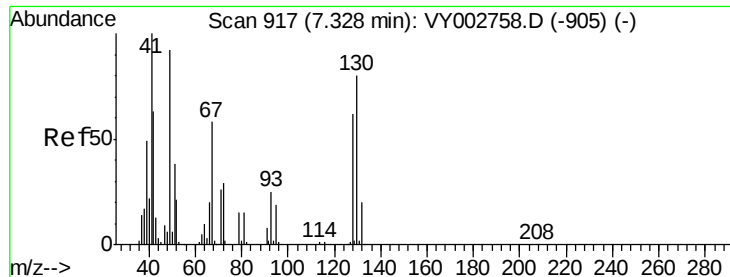
#40
Benzene
Concen: 48.014 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 78 Resp: 564672
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



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





#41

Methacrylonitrile

Concen: 124.634 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 144995

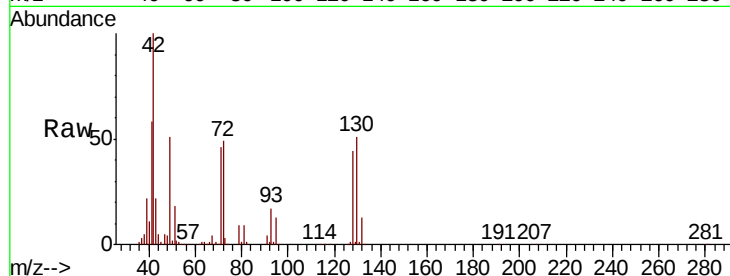
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

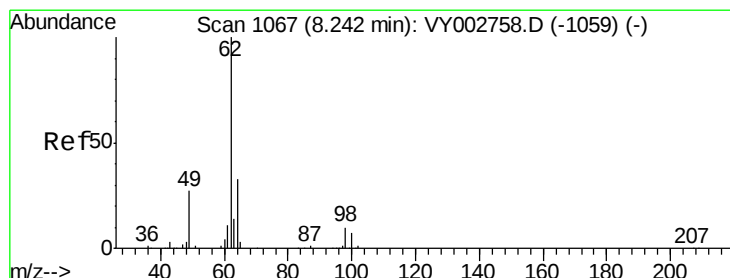
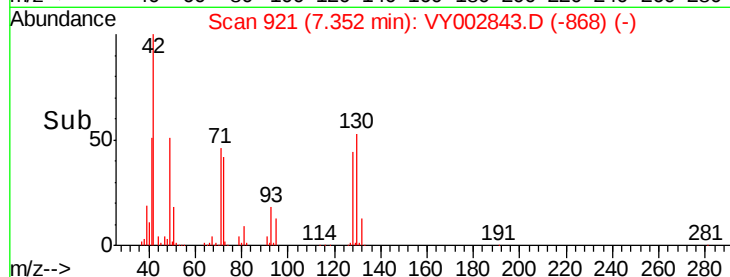
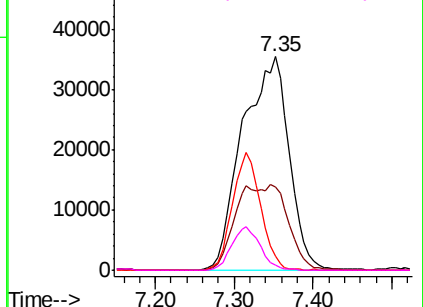


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 47.311 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002843.D

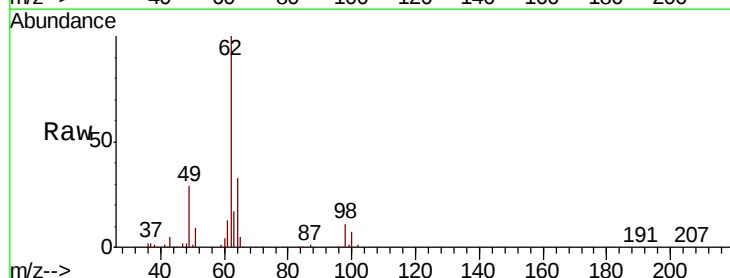
Acq: 05 Jun 2020 12:42

Tgt Ion: 62 Resp: 155934

Ion Ratio Lower Upper

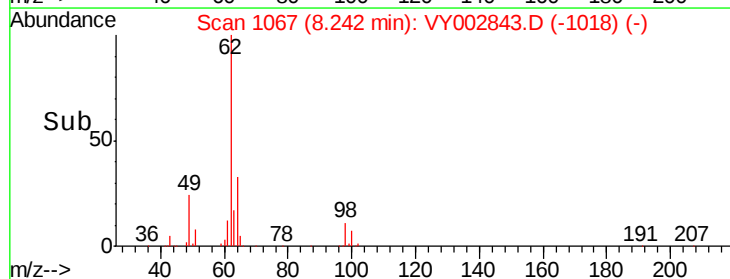
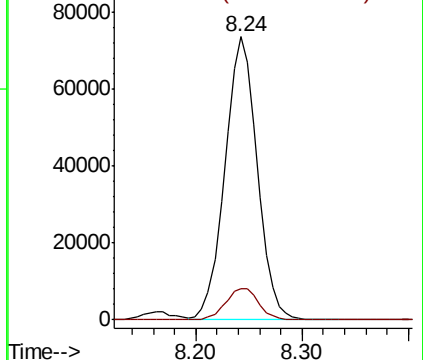
62 100

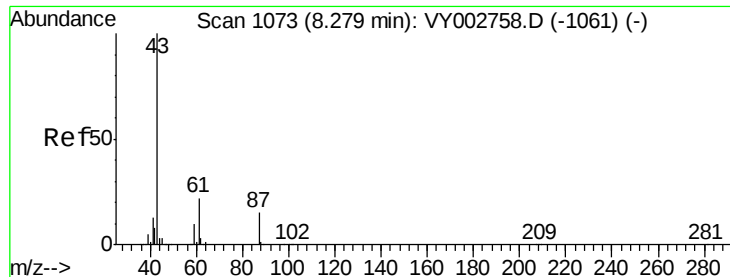
98 11.4 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 49.336 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

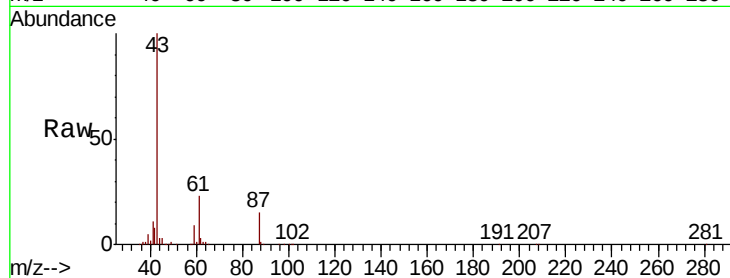
Tot Ion: 43 Resp: 202459

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

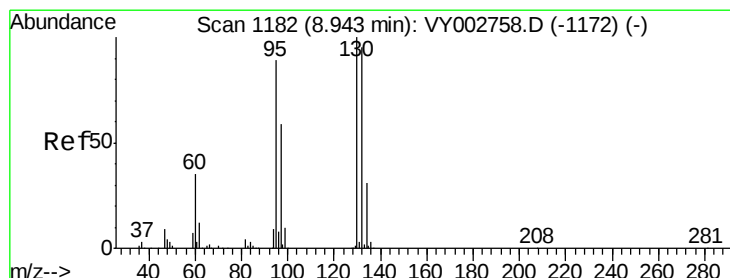
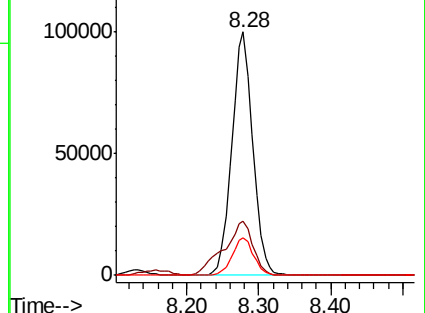
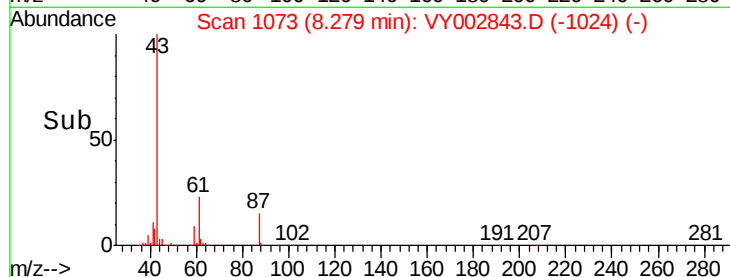
87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002843.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002843.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002843.D (-1024) (-)



#44

Trichloroethene

Concen: 47.233 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002843.D

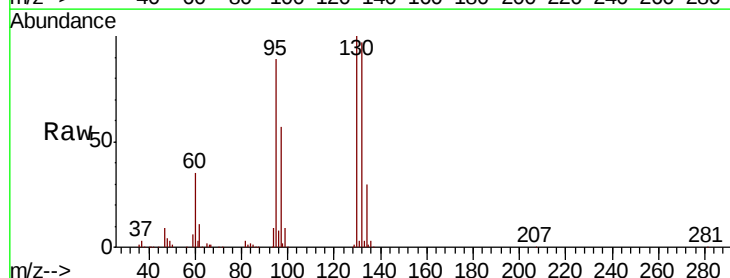
Acq: 05 Jun 2020 12:42

Tgt Ion: 130 Resp: 175463

Ion Ratio Lower Upper

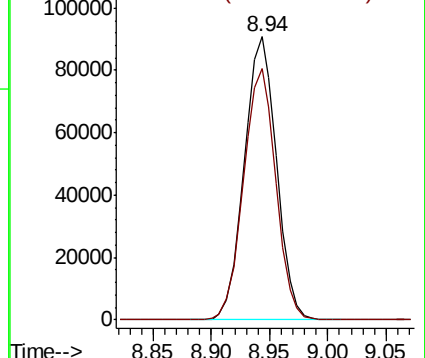
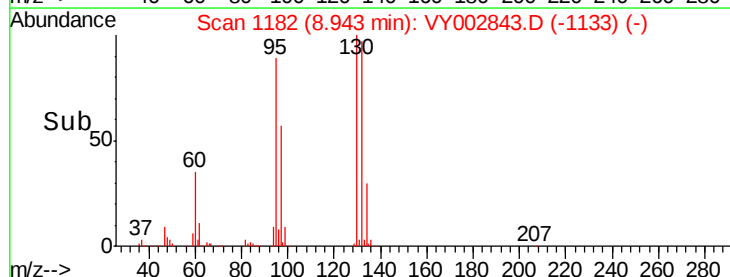
130 100

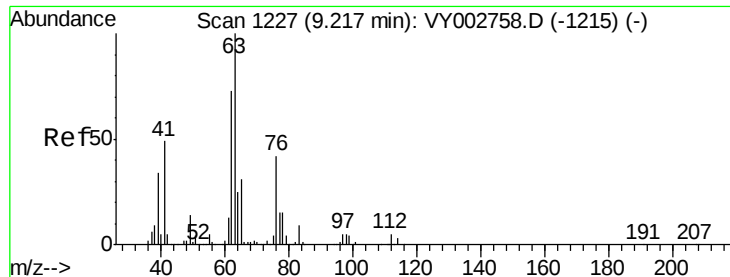
95 88.8 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002843.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002843.D (-1133) (-)

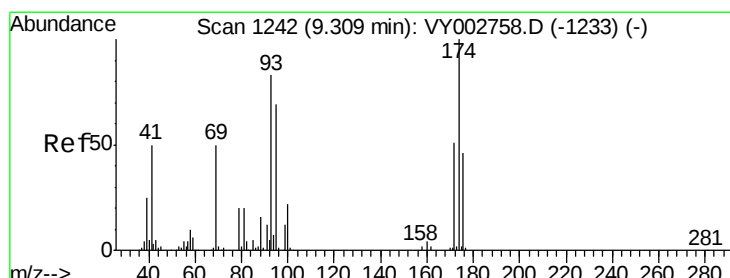
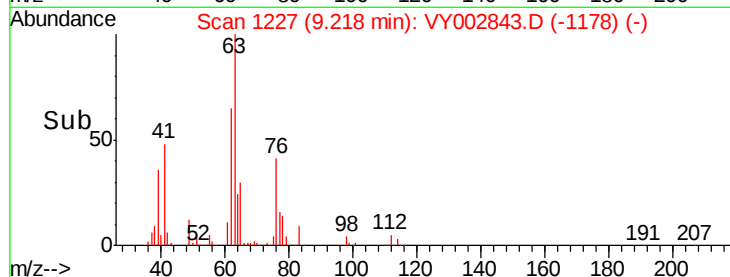
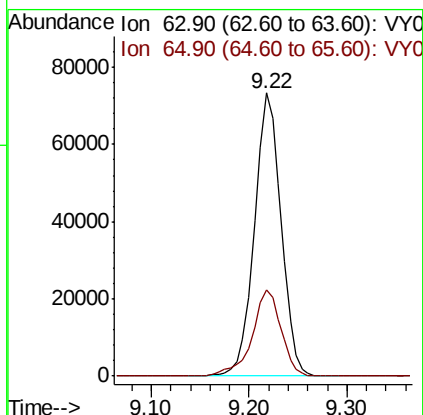
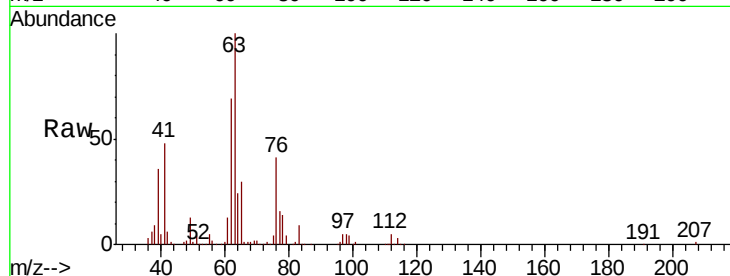




#45
 1,2-Dichloropropane
 Concen: 49.081 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

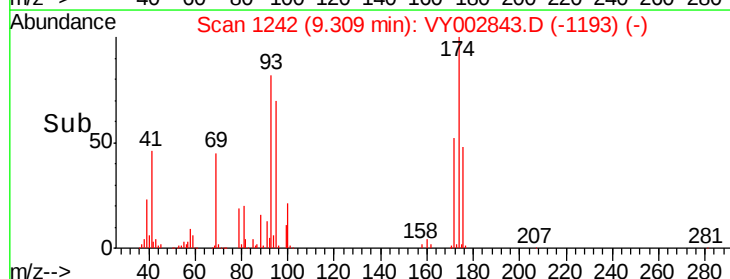
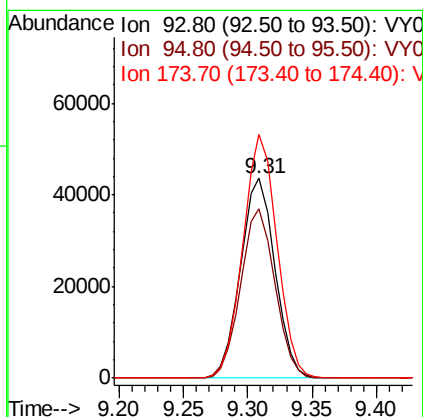
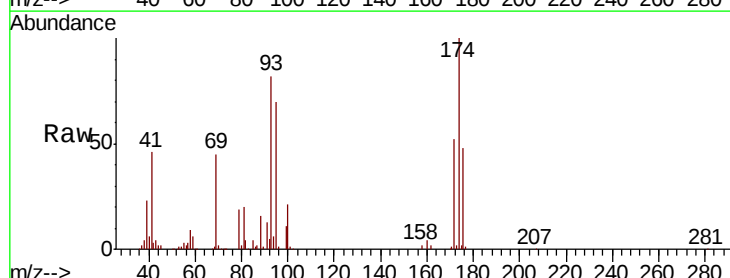
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

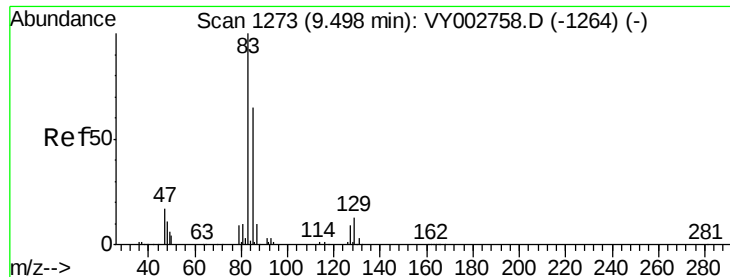
Tot Ion: 63 Resp: 138423
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 48.207 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion: 93 Resp: 80744
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.9 100.3
 174 120.6 97.7 146.5





#47

Bromodichloromethane

Concen: 49.303 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

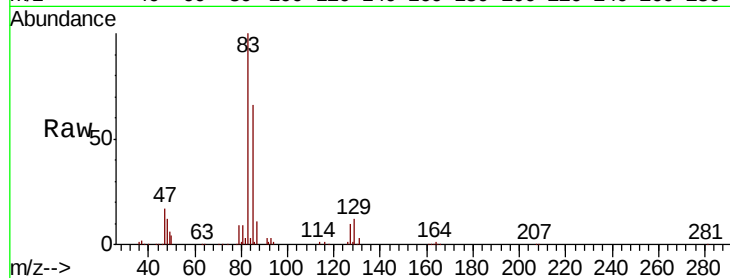
Tot Ion: 83 Resp: 194680

Ion Ratio Lower Upper

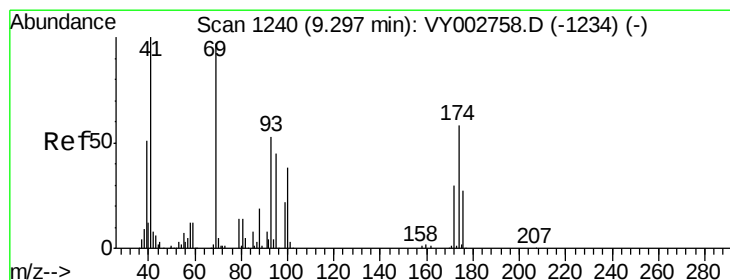
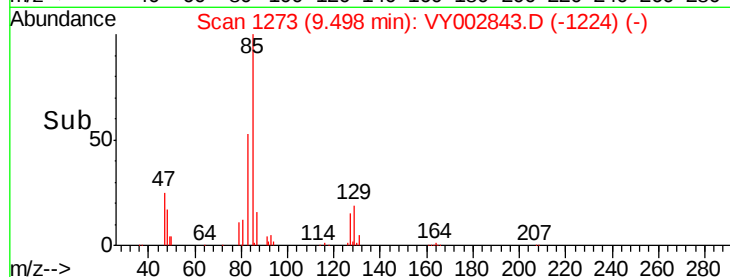
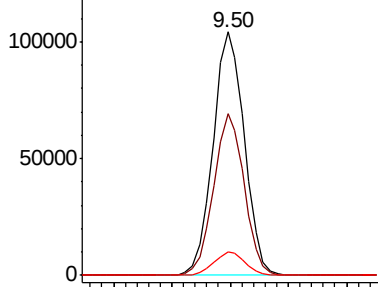
83 100

85 66.2 51.9 77.9

127 9.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 49.030 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

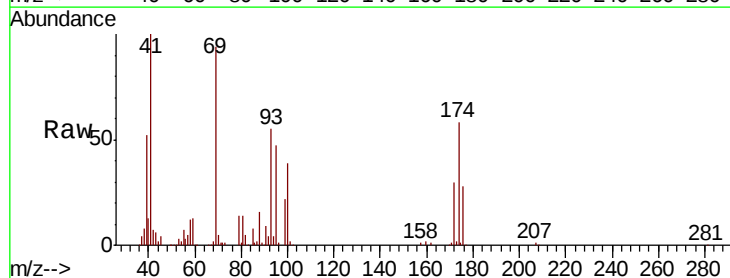
Tgt Ion: 41 Resp: 90829

Ion Ratio Lower Upper

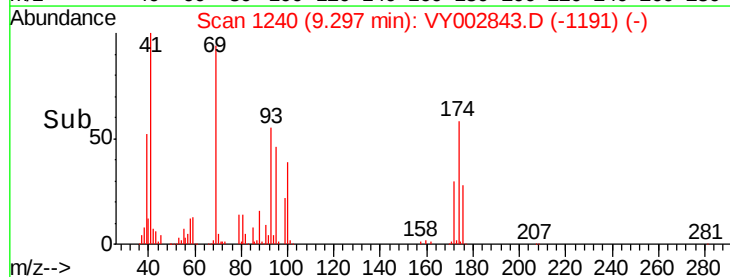
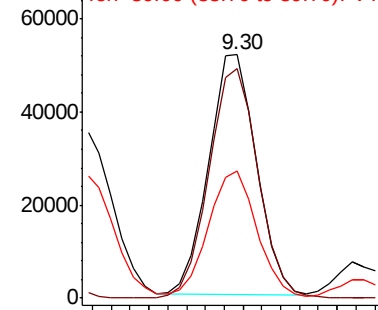
41 100

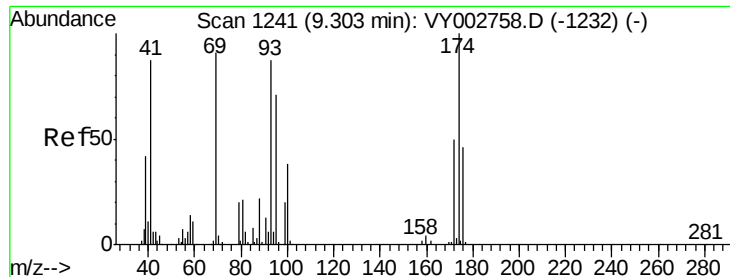
69 97.8 79.7 119.5

39 54.1 43.3 64.9



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

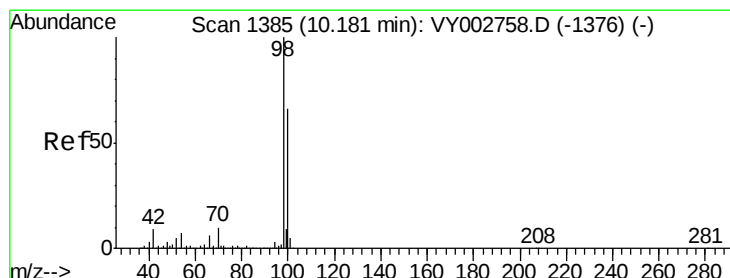
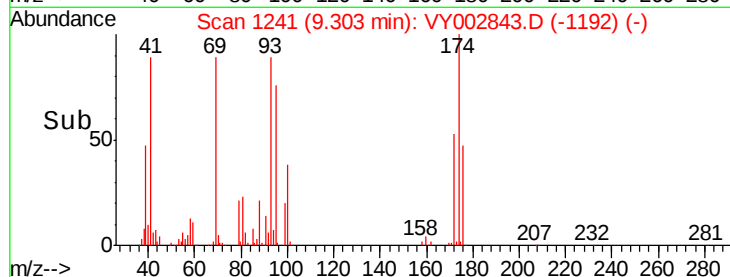
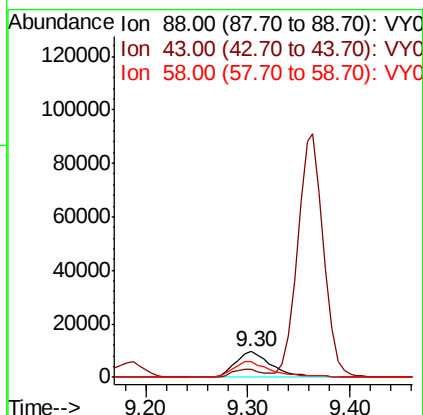
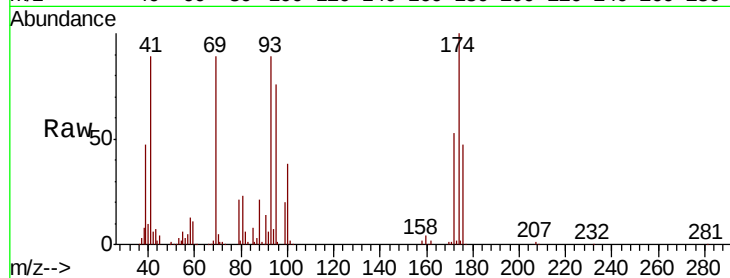




#49
1,4-Dioxane
Concen: 933.654 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

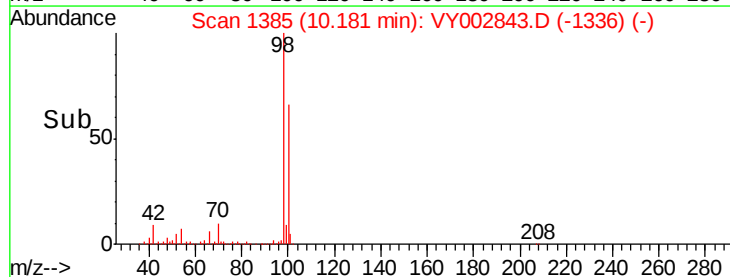
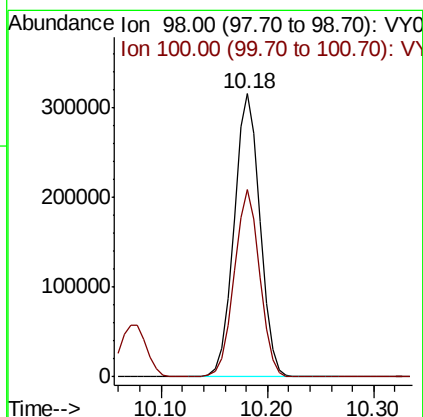
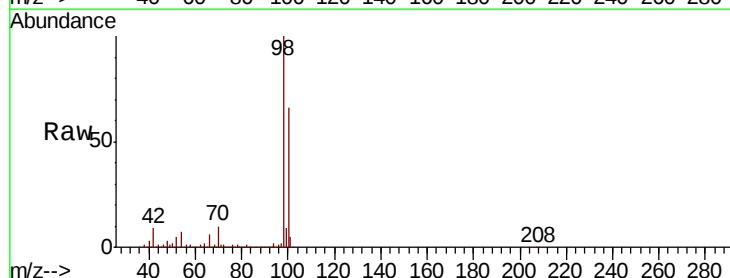
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

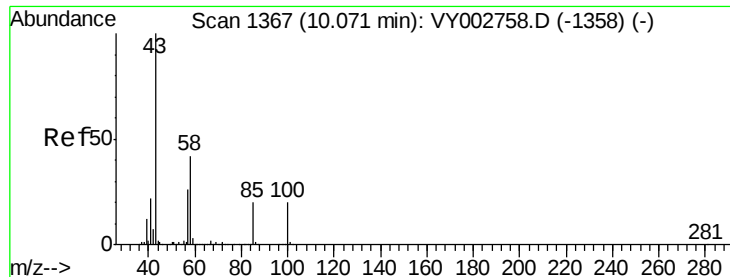
Tot Ion: 88 Resp: 24012
Ion Ratio Lower Upper
88 100
43 25.8 21.3 31.9
58 66.2 52.2 78.2



#50
Toluene-d8
Concen: 47.993 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 98 Resp: 537325
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

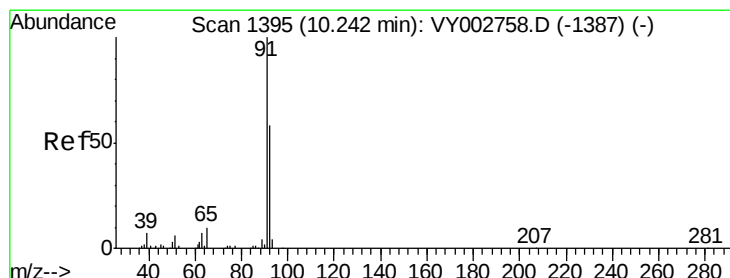
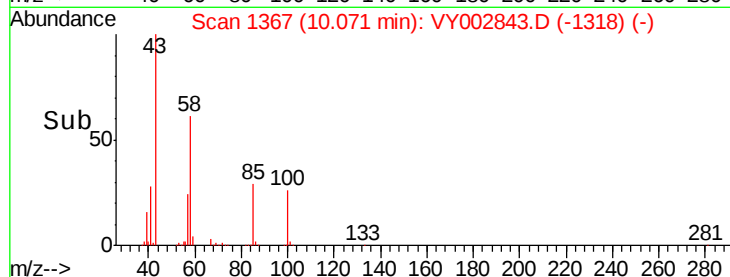
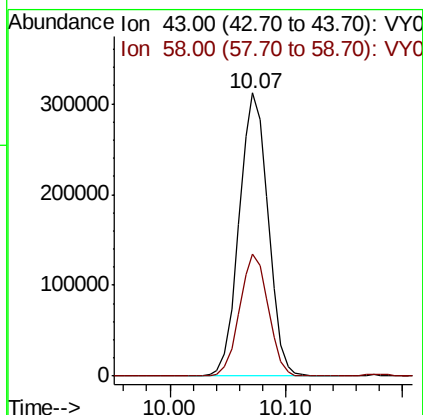
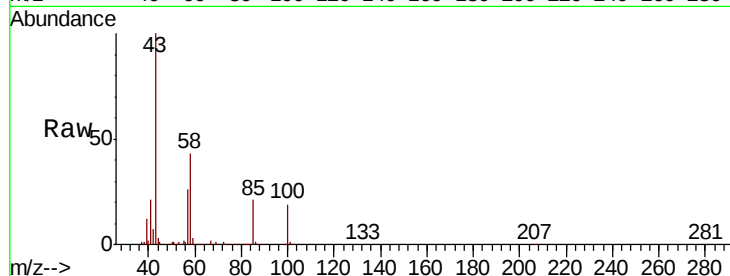




#51
4-Methyl-2-Pentanone
Concen: 249.093 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

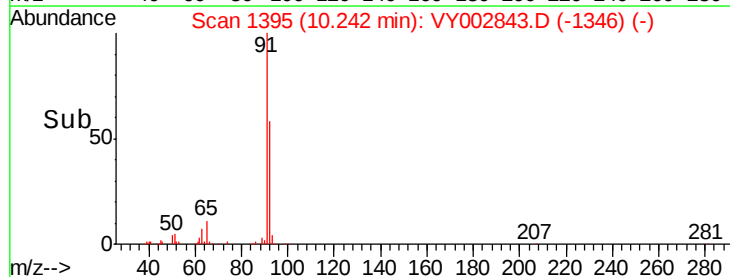
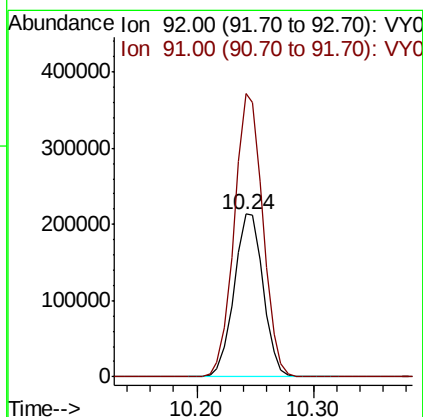
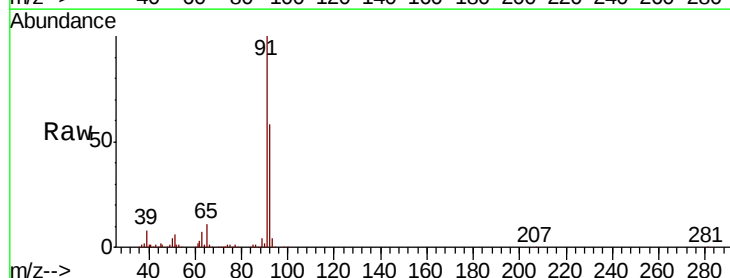
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

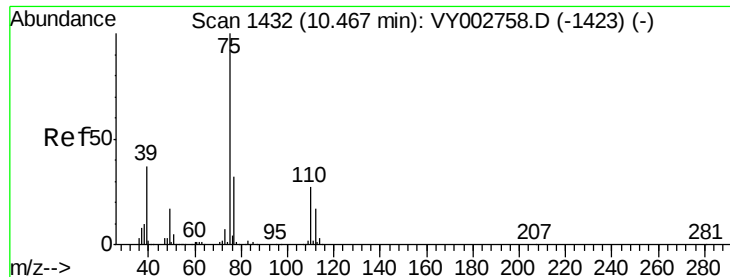
Tot Ion: 43 Resp: 541277
Ion Ratio Lower Upper
43 100
58 42.6 34.2 51.2



#52
Toluene
Concen: 48.301 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 92 Resp: 371608
Ion Ratio Lower Upper
92 100
91 171.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.288 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

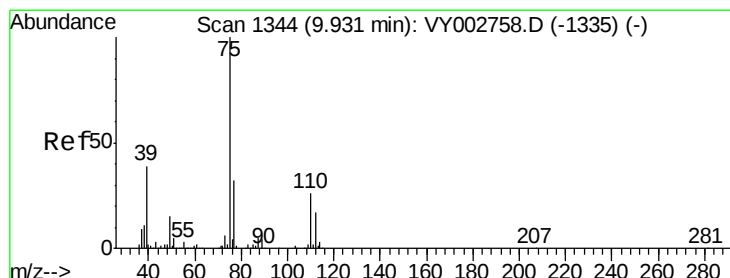
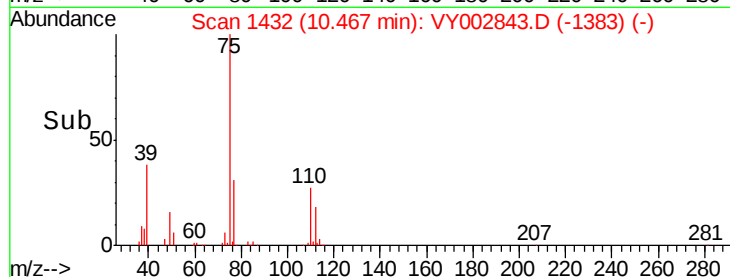
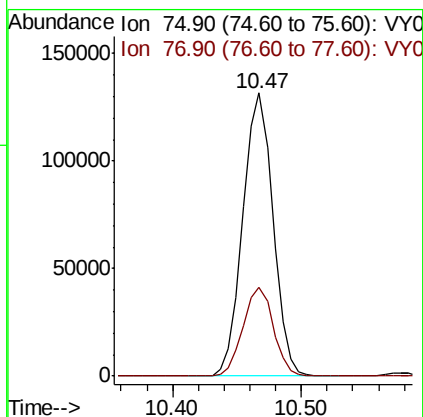
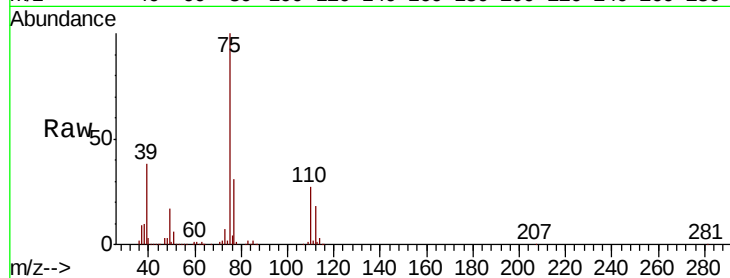
VSTDCCC050

Tot Ion: 75 Resp: 212573

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.283 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

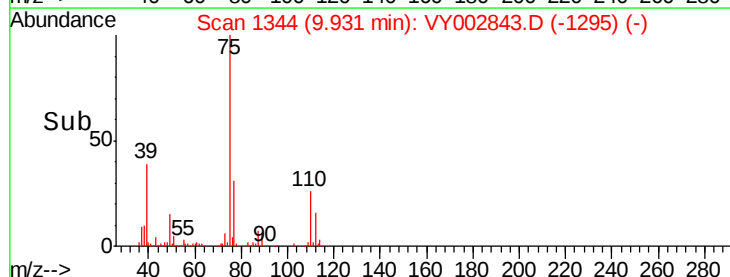
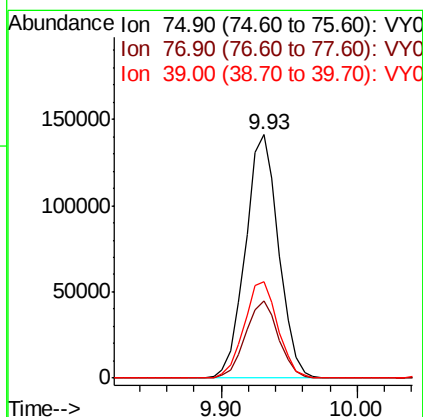
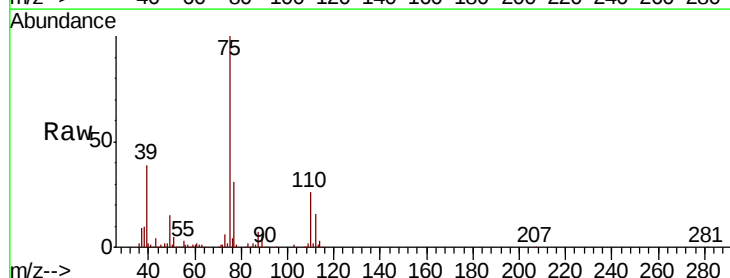
Tgt Ion: 75 Resp: 240848

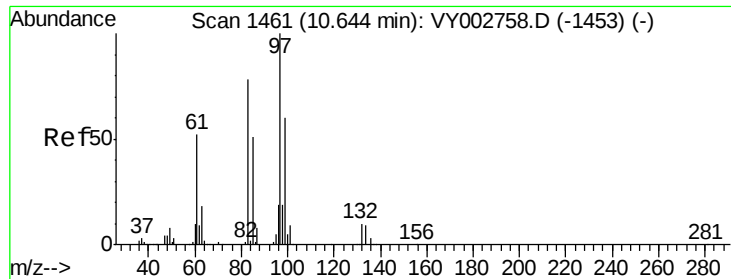
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 39.4 31.3 46.9

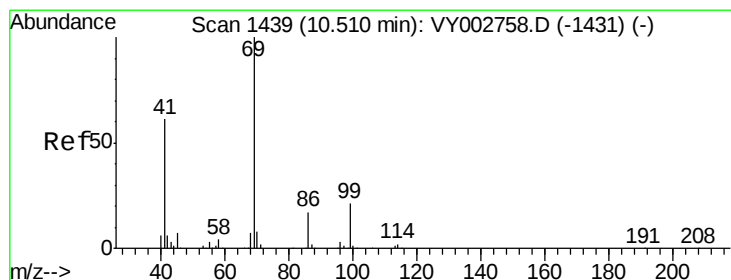
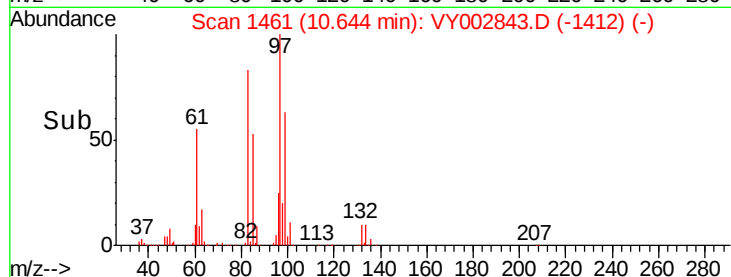
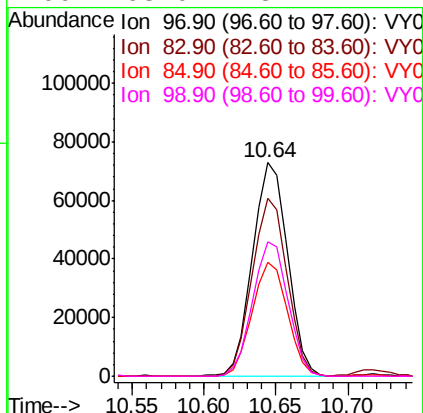
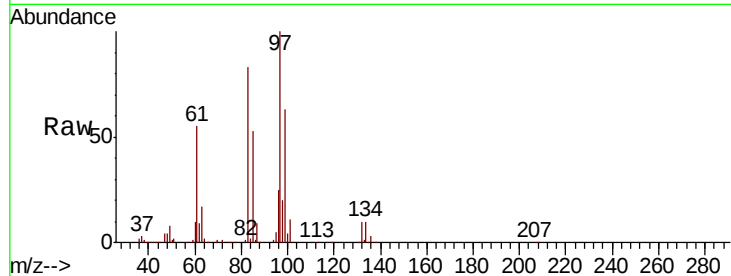




#55
 1,1,2-Trichloroethane
 Concen: 48.053 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

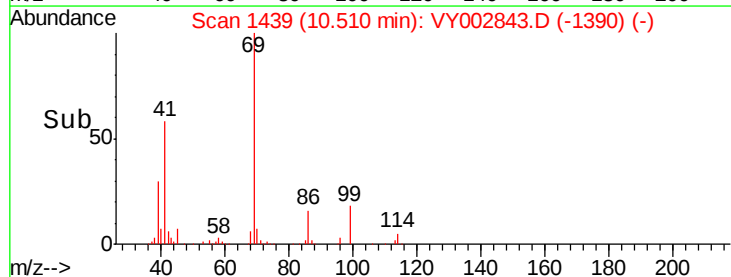
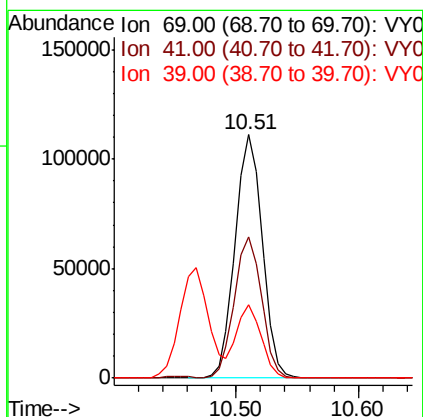
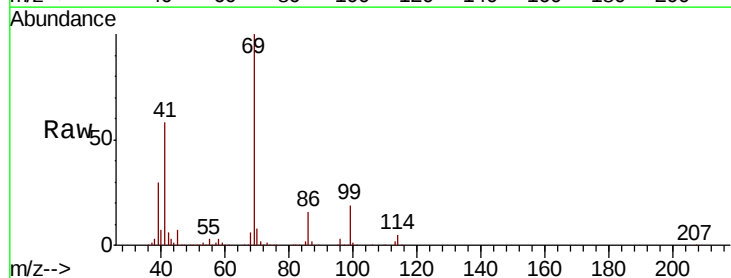
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	123223
Ion	Ratio	Lower	Upper
97	100		
83	83.1	62.7	94.1
85	53.1	40.6	60.8
99	63.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 49.697 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion:	69	Resp:	170690
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.0	70.4
39	27.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 48.373 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

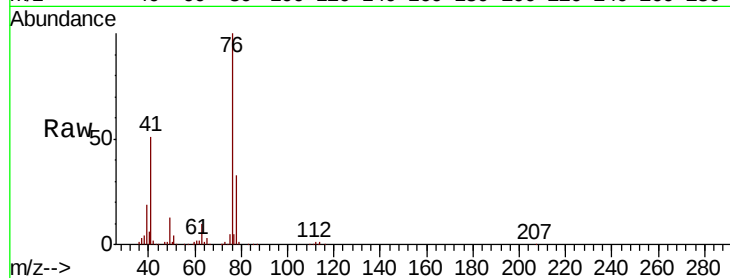
VSTDCCC050

Tot Ion: 76 Resp: 204021

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

150000

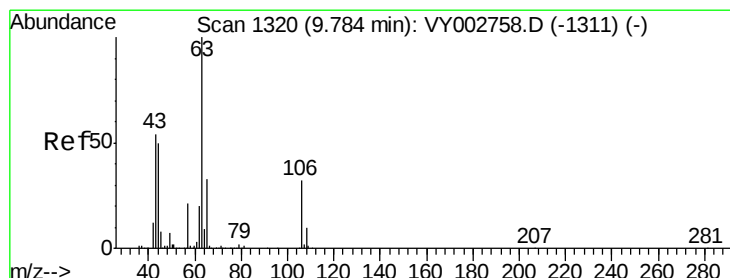
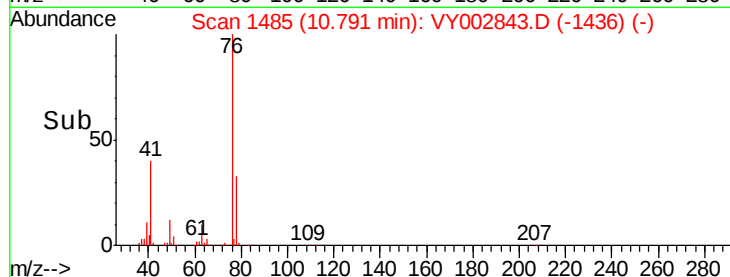
100000

50000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 250.472 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002843.D

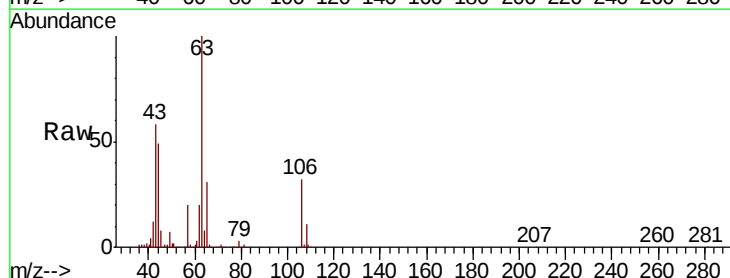
Acq: 05 Jun 2020 12:42

Tgt Ion: 63 Resp: 420357

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

300000

250000

200000

150000

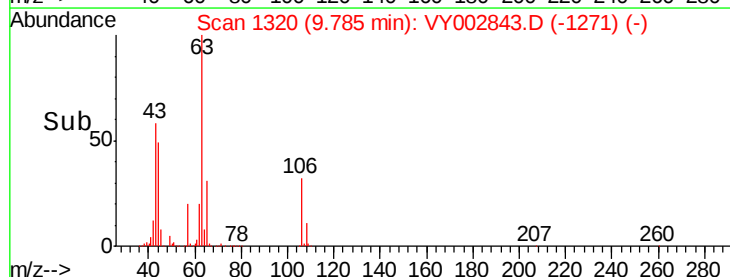
100000

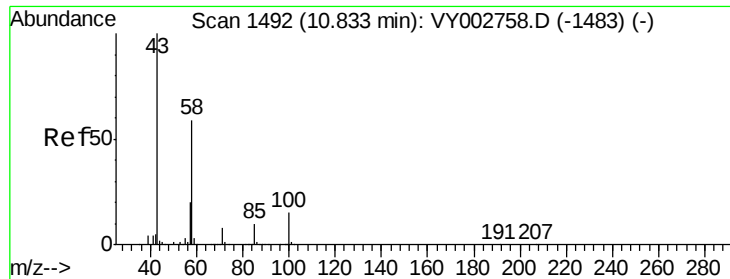
50000

0

Time-->

9.70 9.80 9.90

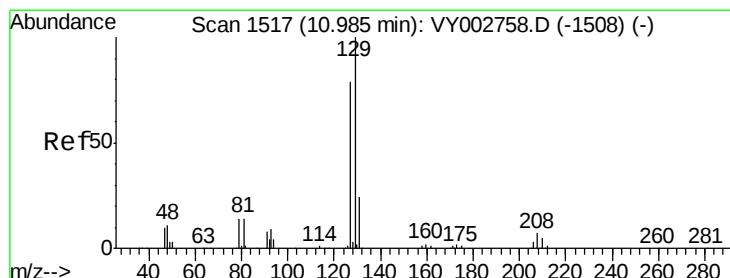
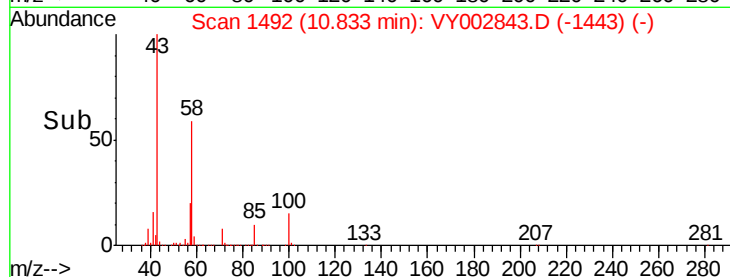
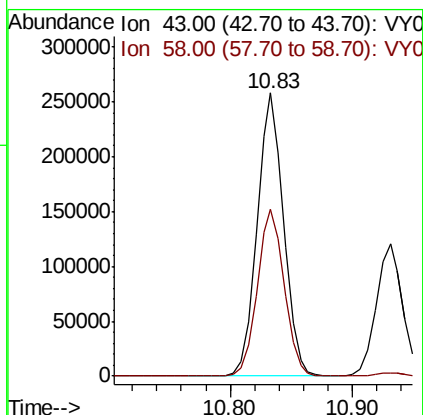
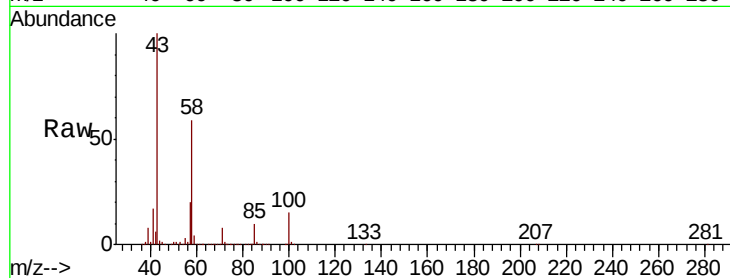




#59
2-Hexanone
Concen: 252.289 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

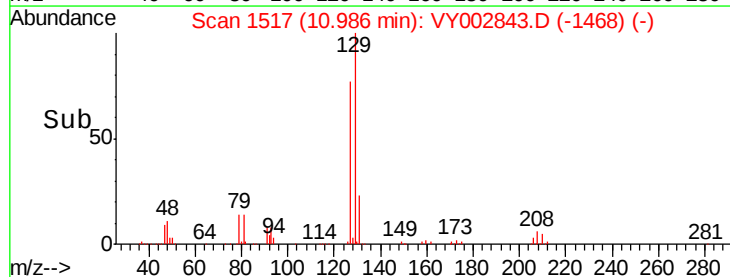
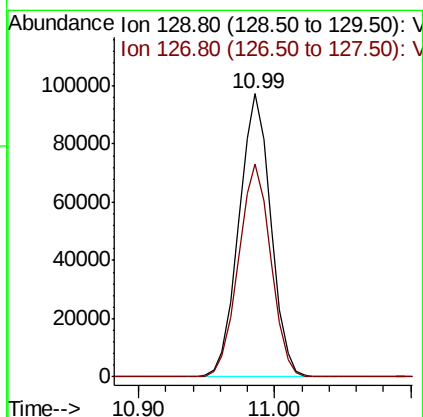
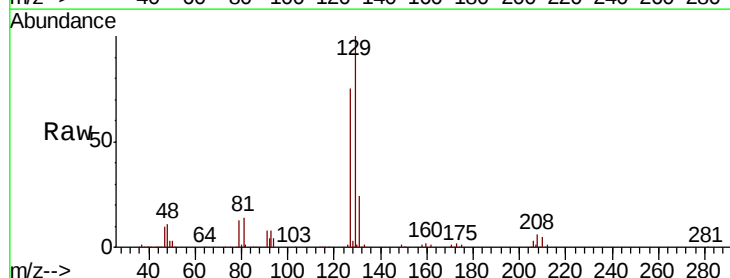
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

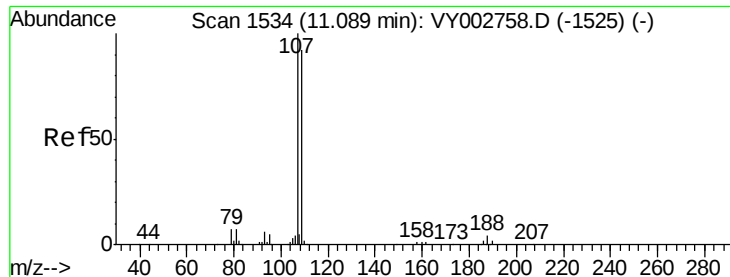
Tot Ion: 43 Resp: 388978
Ion Ratio Lower Upper
43 100
58 59.7 29.5 88.5



#60
Dibromochloromethane
Concen: 48.914 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 129 Resp: 159022
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.867 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

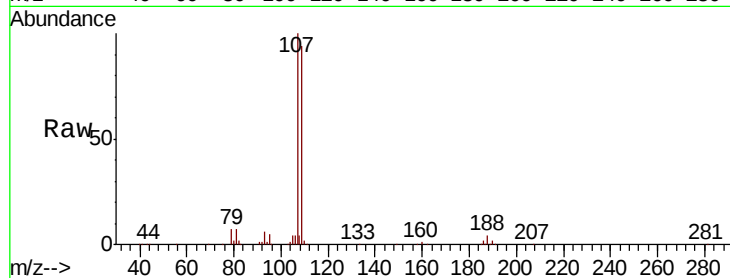
VSTDCCC050

Tot Ion:107 Resp: 123611

Ion Ratio Lower Upper

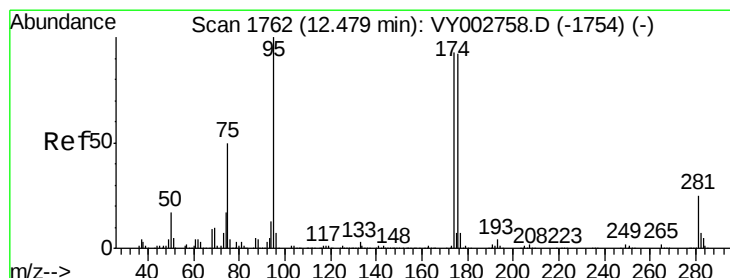
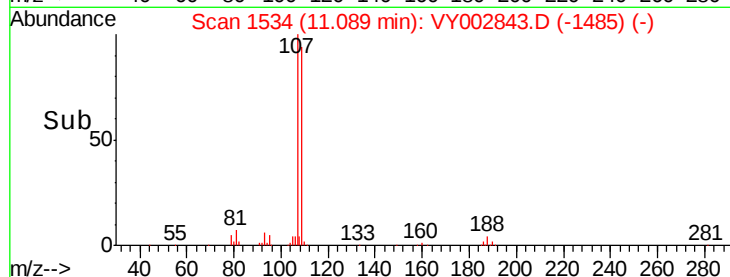
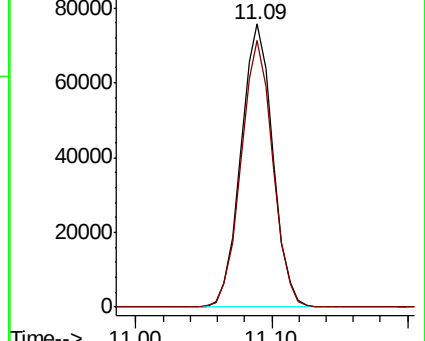
107 100

109 93.8 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: 49.057 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

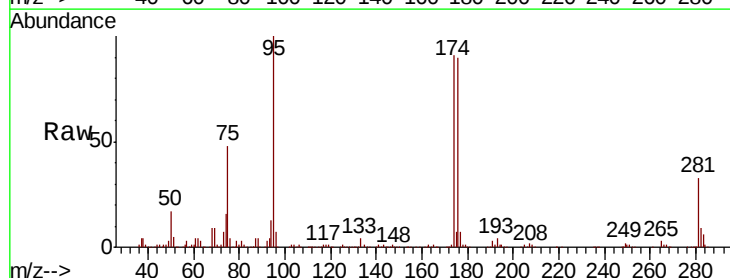
Tgt Ion: 95 Resp: 187705

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.2

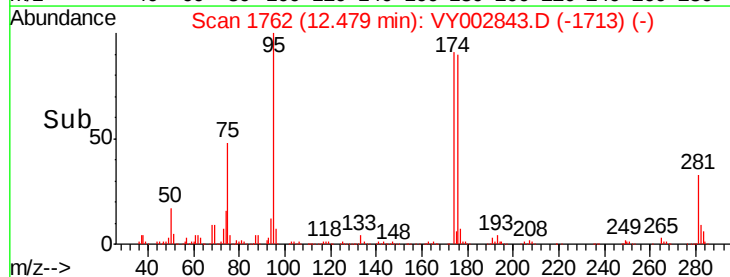
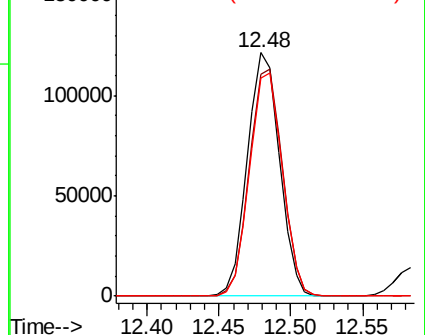
176 93.4 0.0 188.8

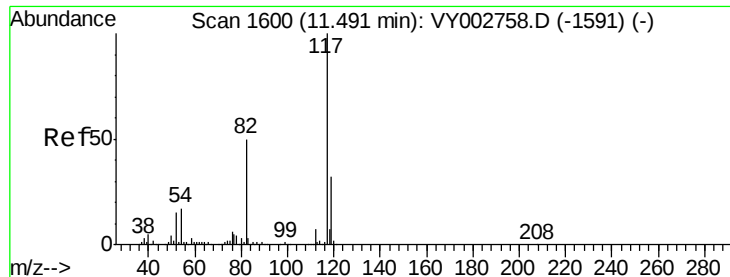


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

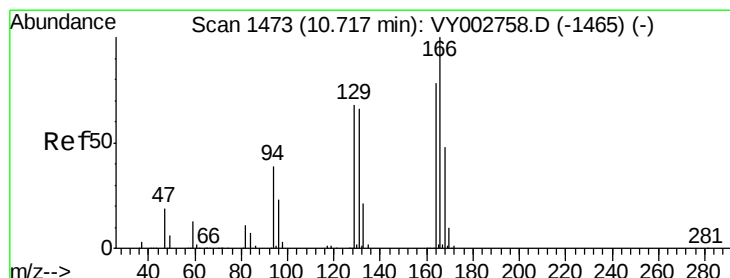
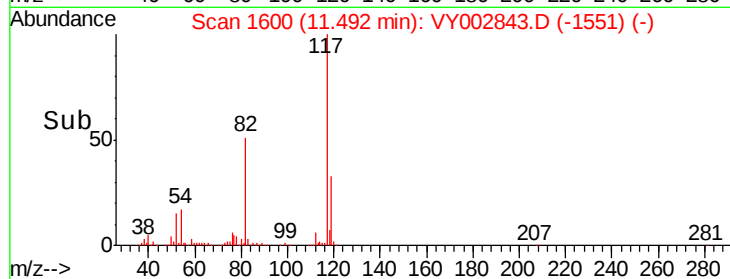
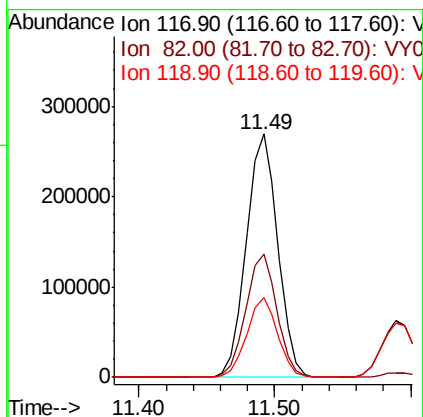
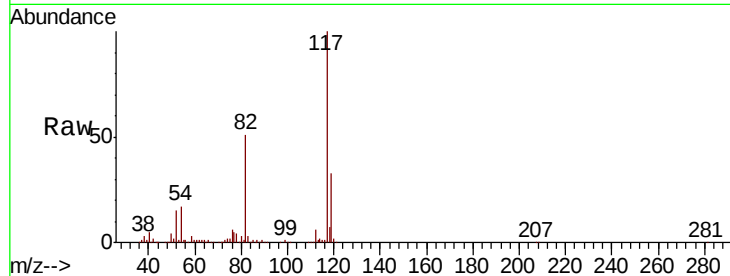




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

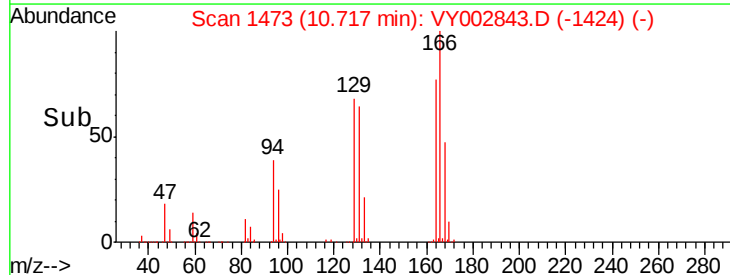
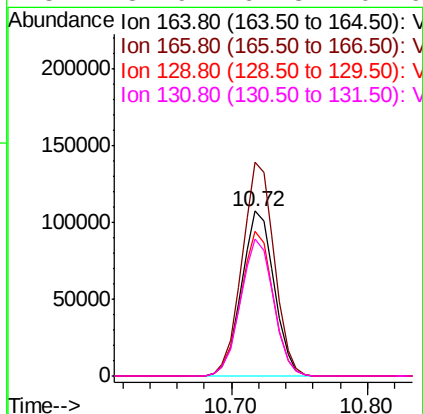
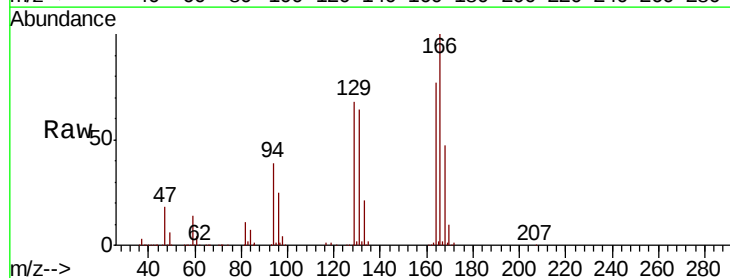
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

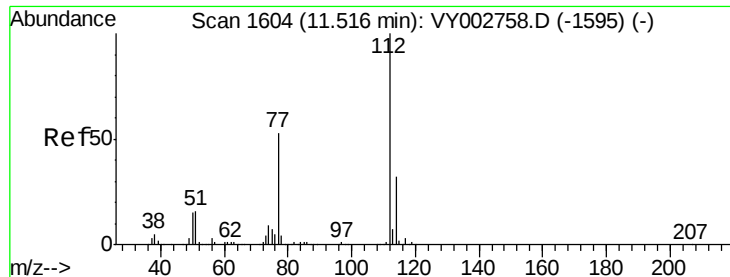
Tot Ion:117 Resp: 436158
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 45.190 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion:164 Resp: 179134
Ion Ratio Lower Upper
164 100
166 129.4 102.3 153.5
129 87.5 69.4 104.2
131 82.9 67.8 101.6

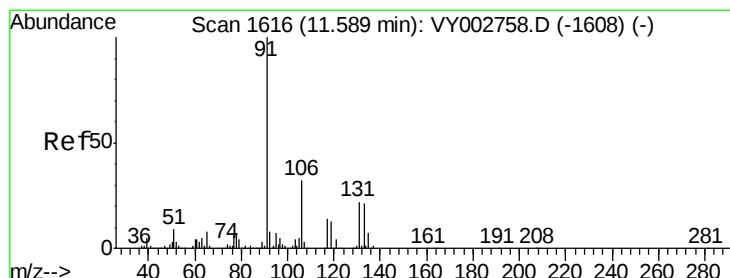
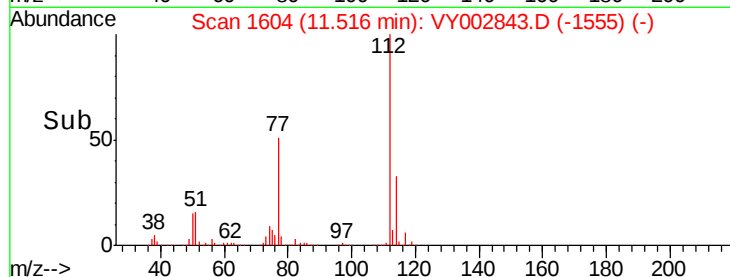
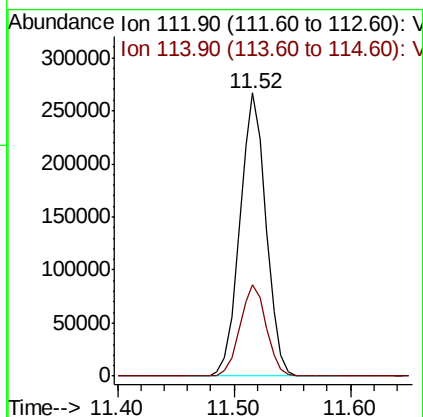
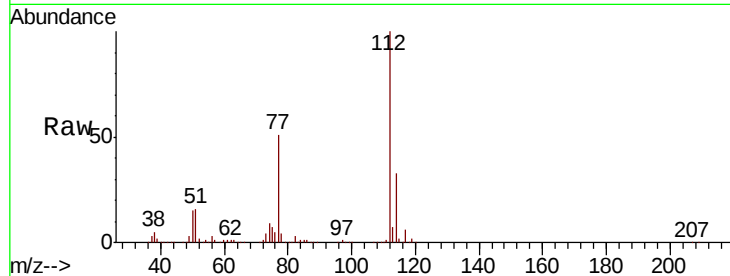




#65
Chlorobenzene
Concen: 48.306 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

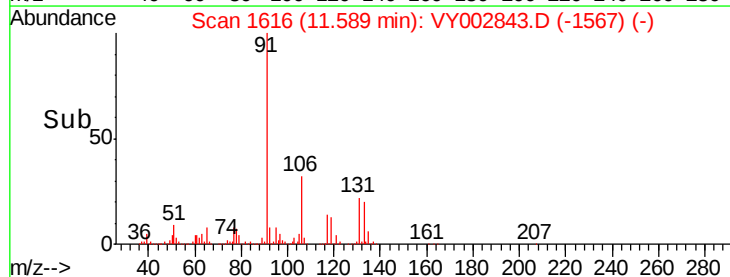
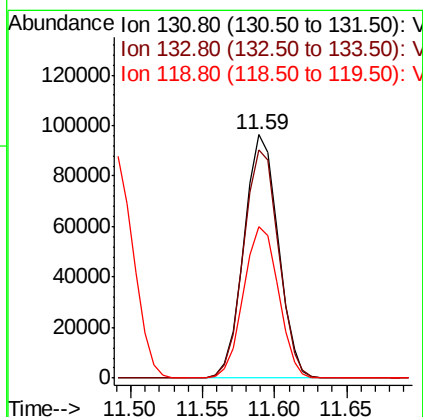
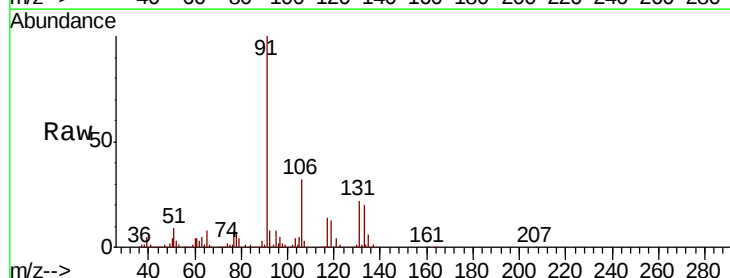
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

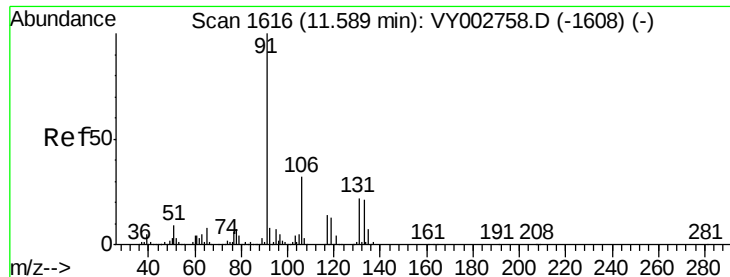
Tot Ion:112 Resp: 416427
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.858 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion:131 Resp: 158628
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.8
119 63.6 31.7 95.1





#67

Ethyl Benzene

Concen: 48.459 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

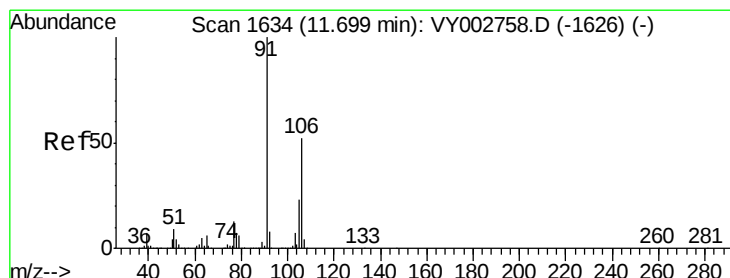
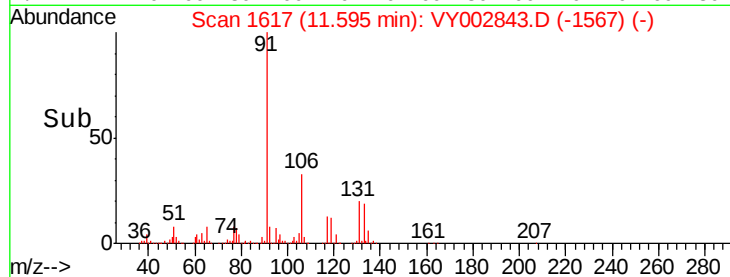
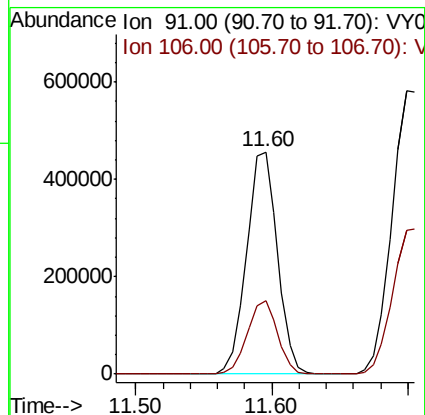
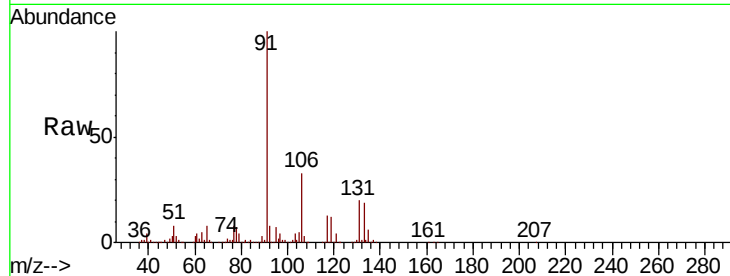
VSTDCCC050

Tot Ion: 91 Resp: 724220

Ion Ratio Lower Upper

91 100

106 32.9 25.7 38.5



#68

m/p-Xylenes

Concen: 96.655 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002843.D

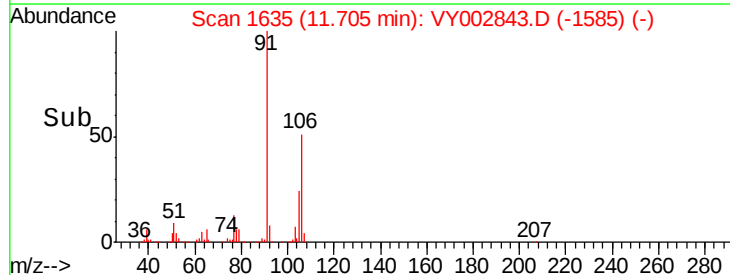
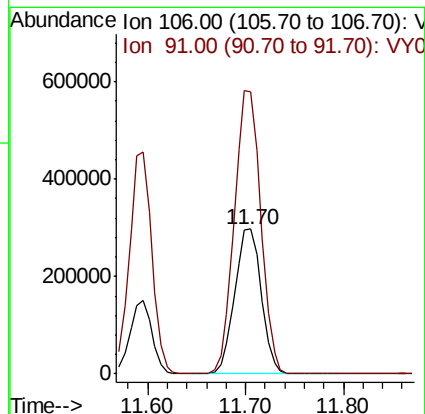
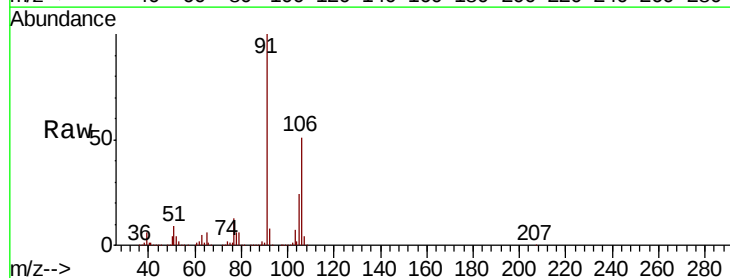
Acq: 05 Jun 2020 12:42

Tgt Ion: 106 Resp: 560064

Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0

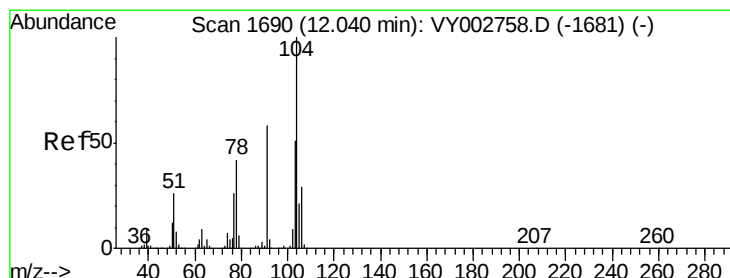
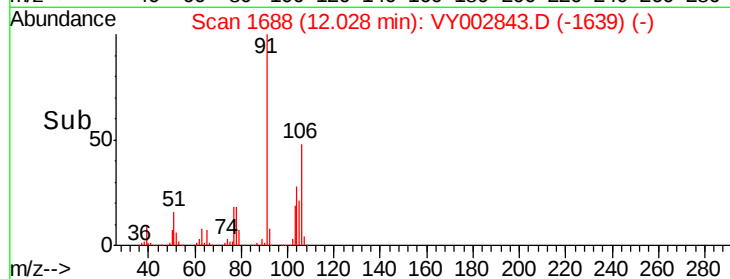
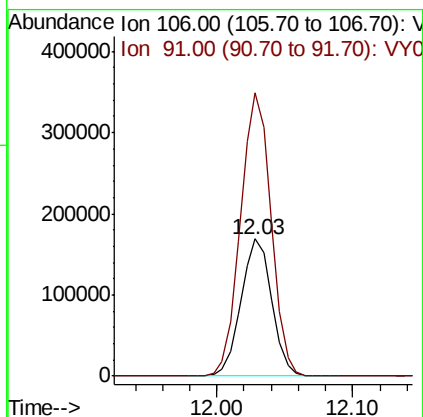
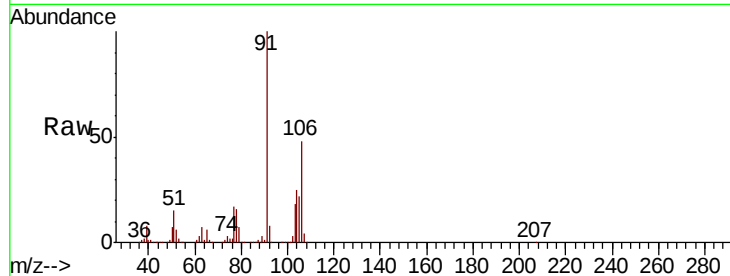




#69
o-Xylene
Concen: 48.440 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

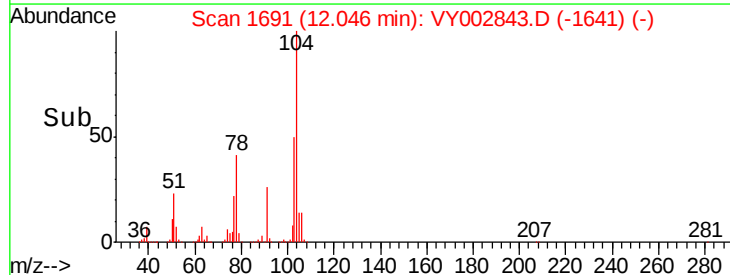
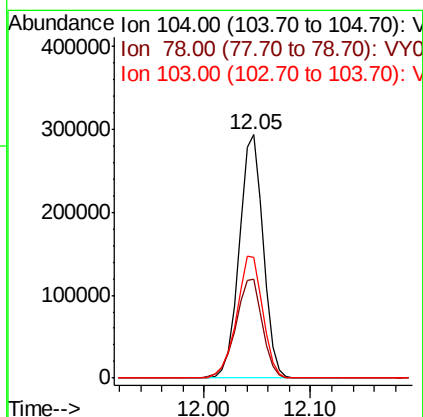
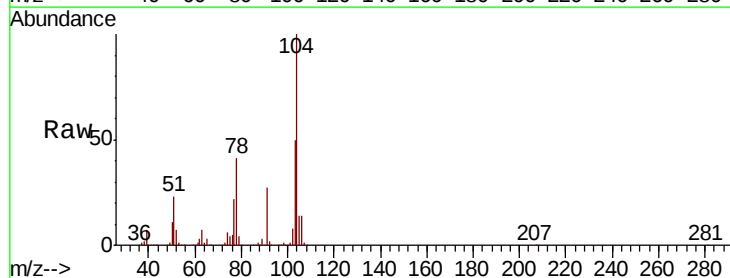
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

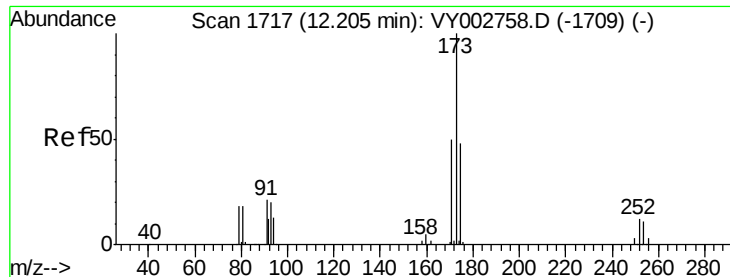
Tot Ion:106 Resp: 264975
Ion Ratio Lower Upper
106 100
91 206.3 102.4 307.1



#70
Styrene
Concen: 48.761 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion:104 Resp: 462387
Ion Ratio Lower Upper
104 100
78 45.5 36.2 54.4
103 54.6 43.6 65.4

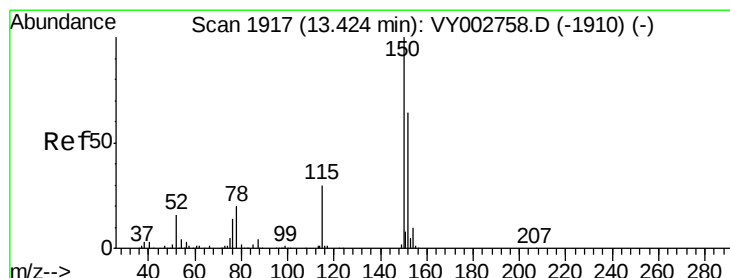
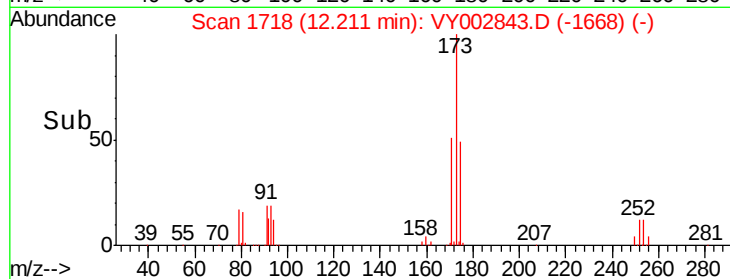
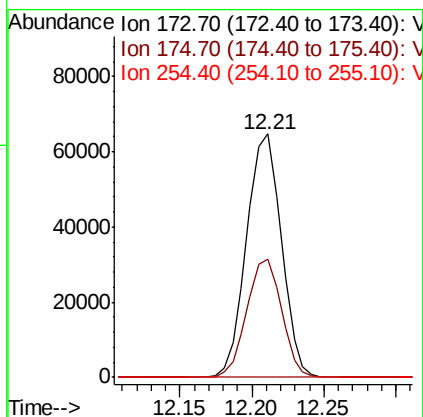
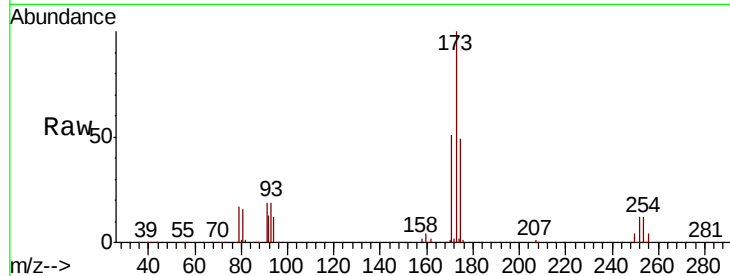




#71
Bromoform
Concen: 49.817 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

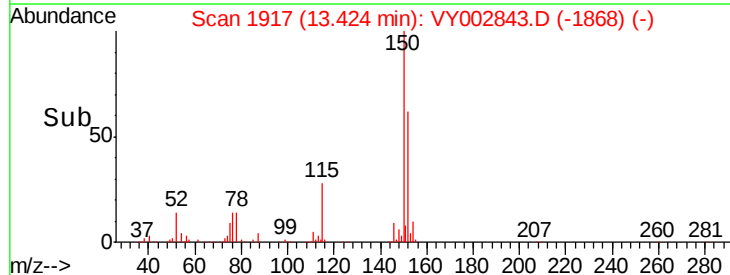
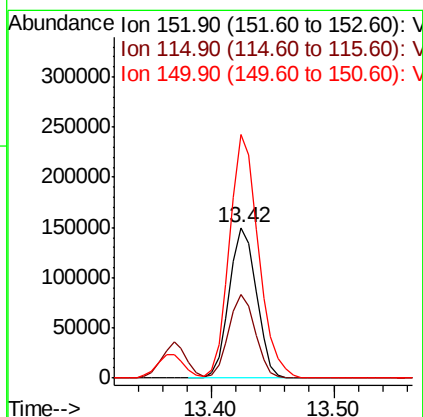
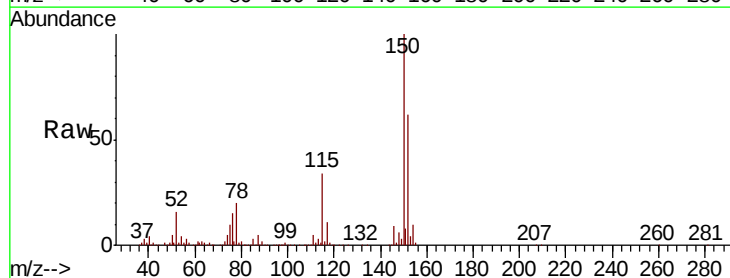
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

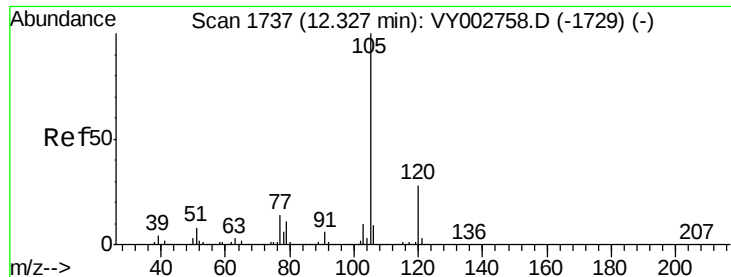
Tot Ion:173 Resp: 108226
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion:152 Resp: 229303
Ion Ratio Lower Upper
152 100
115 54.7 27.0 81.0
150 173.0 0.0 344.8

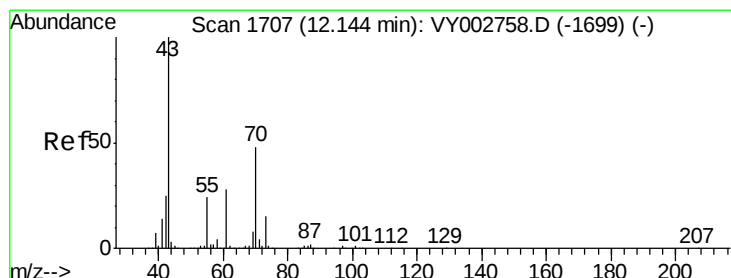
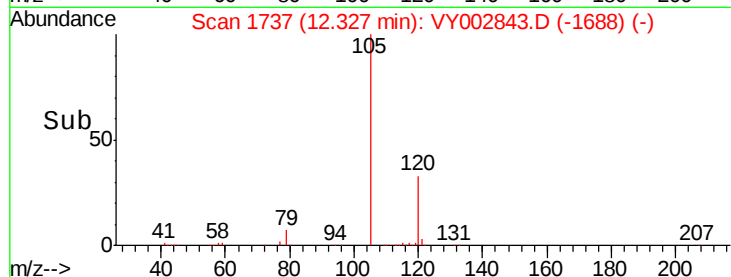
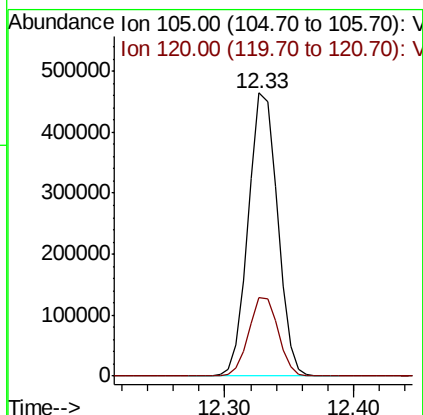
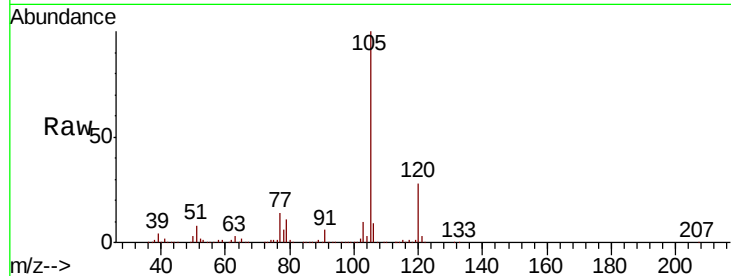




#73
Isopropylbenzene
Concen: 49.324 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

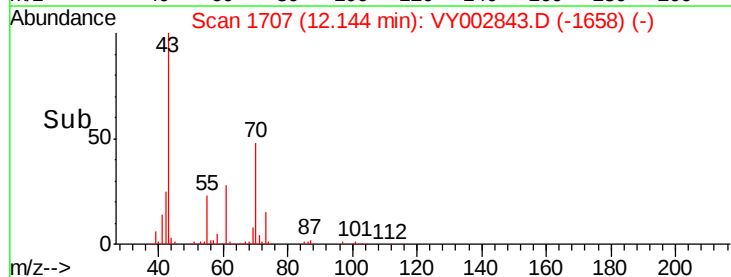
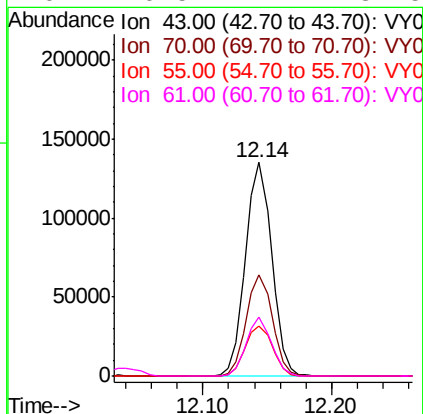
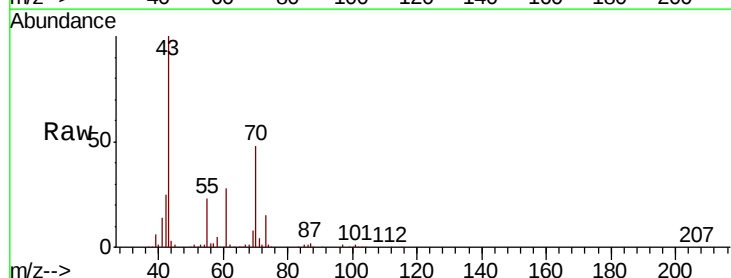
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

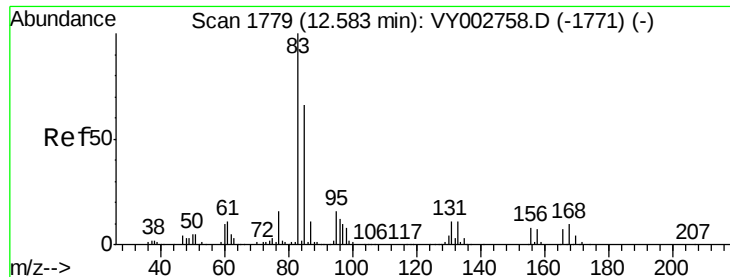
Tot Ion:105 Resp: 724802
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.1



#74
N-ethyl acetate
Concen: 50.589 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion: 43 Resp: 190740
Ion Ratio Lower Upper
43 100
70 47.3 37.7 56.5
55 24.3 19.8 29.6
61 26.5 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.231 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

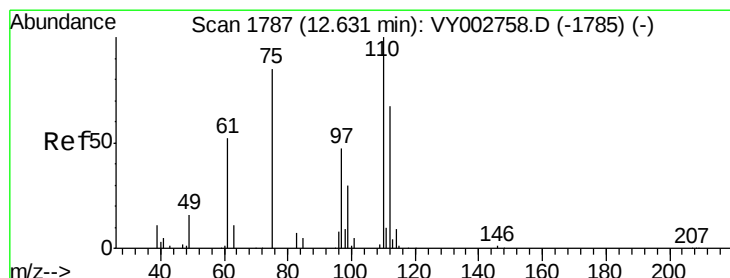
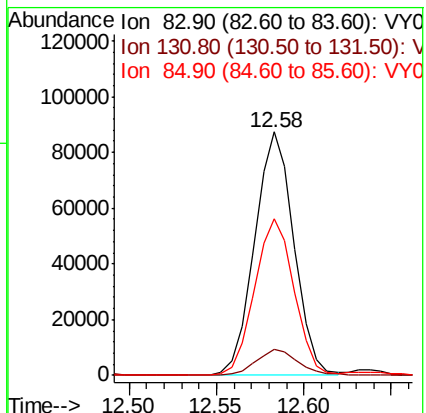
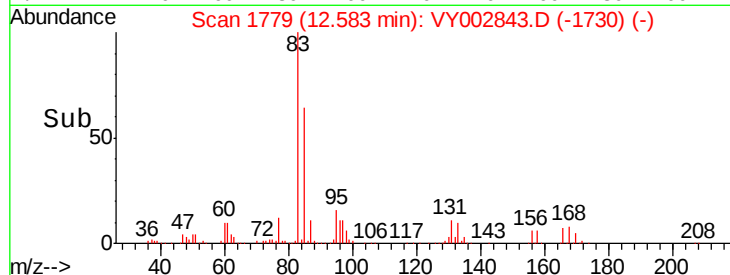
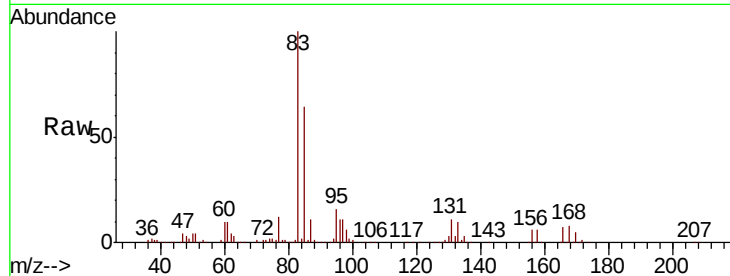
Tot Ion: 83 Resp: 137244

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

85 64.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 94.104 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002843.D

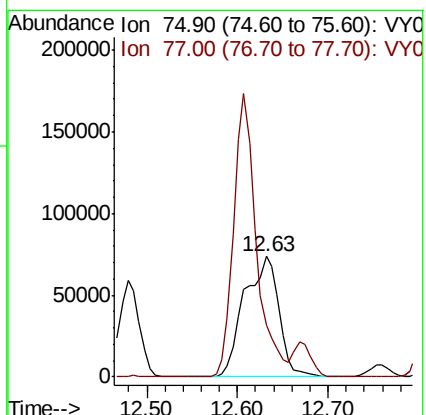
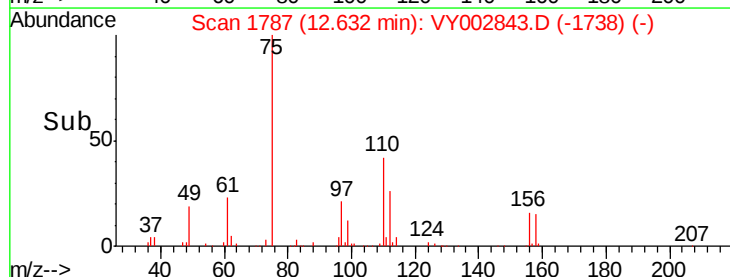
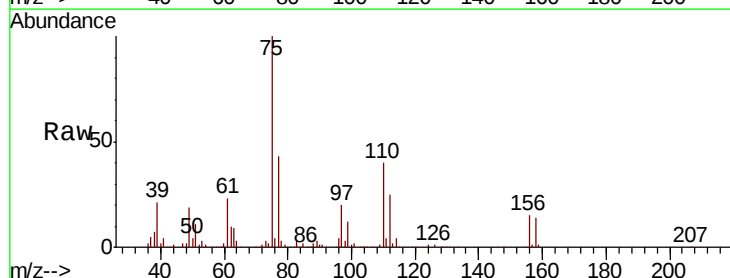
Acq: 05 Jun 2020 12:42

Tgt Ion: 75 Resp: 194436

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.589 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

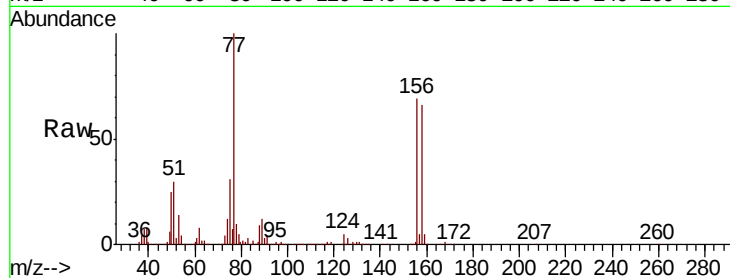
Tot Ion:156 Resp: 185916

Ion Ratio Lower Upper

156 100

77 163.4 81.4 244.2

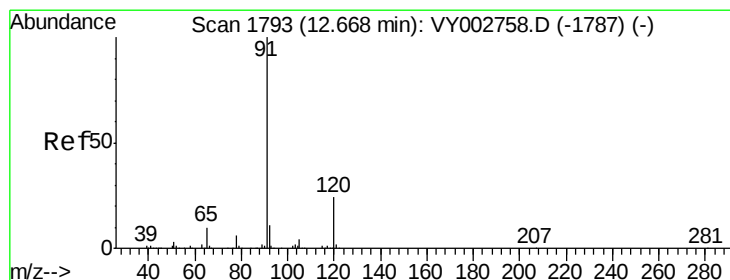
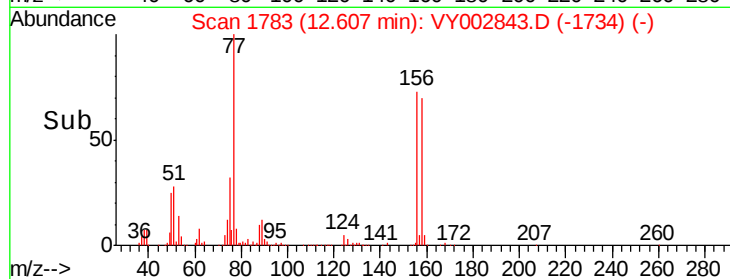
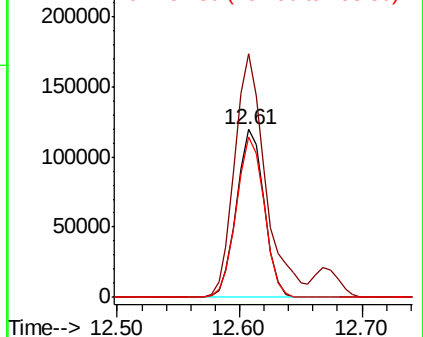
158 96.8 48.5 145.6



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: 49.258 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002843.D

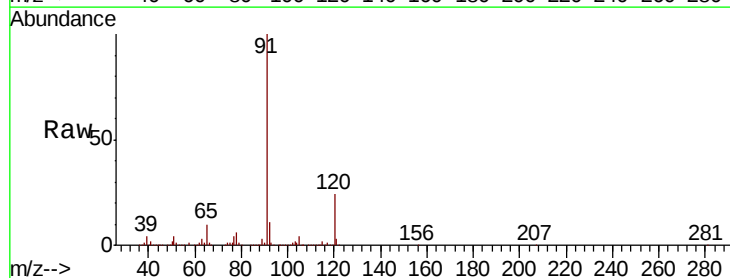
Acq: 05 Jun 2020 12:42

Tgt Ion: 91 Resp: 836111

Ion Ratio Lower Upper

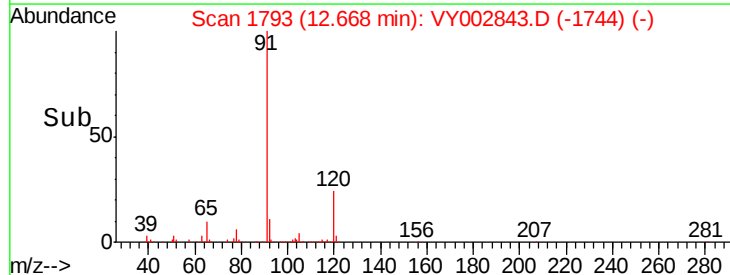
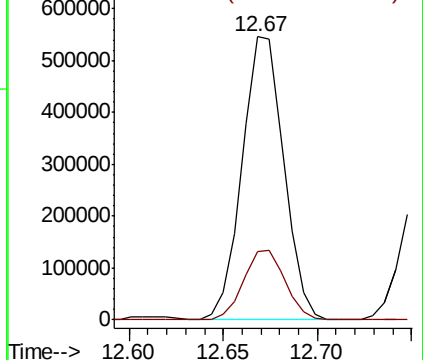
91 100

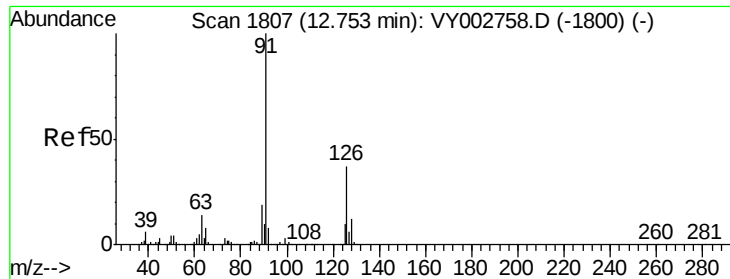
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.920 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

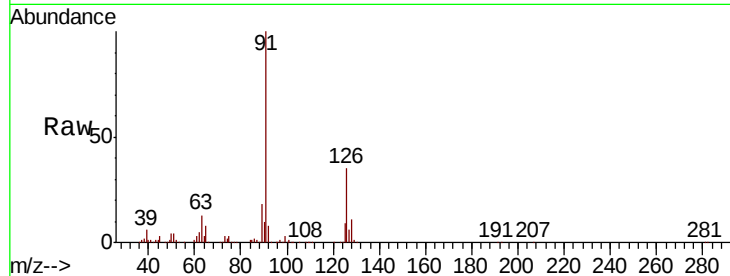
VSTDCCC050

Tot Ion: 91 Resp: 465798

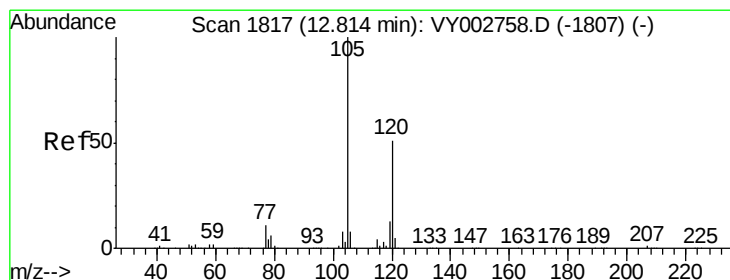
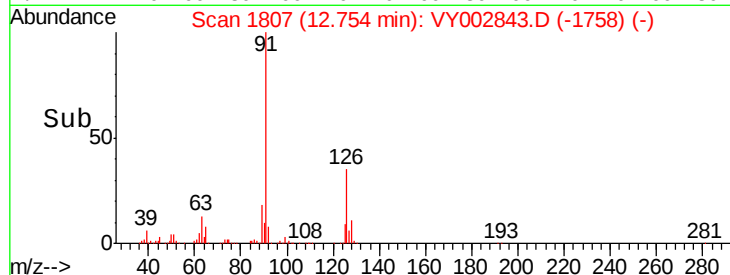
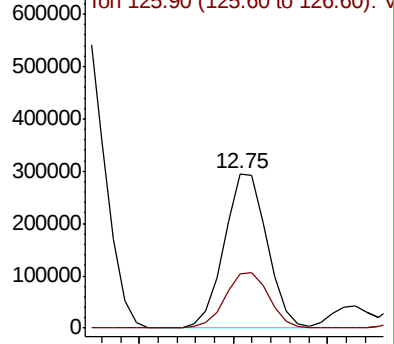
Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.370 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002843.D

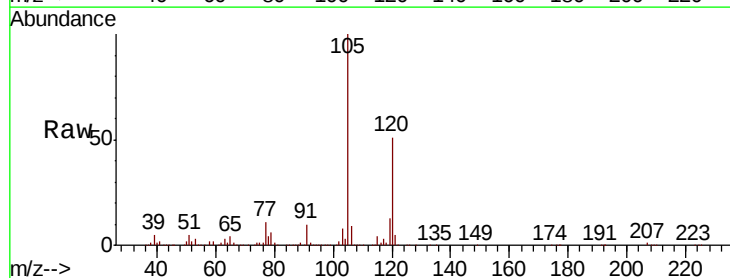
Acq: 05 Jun 2020 12:42

Tgt Ion: 105 Resp: 605737

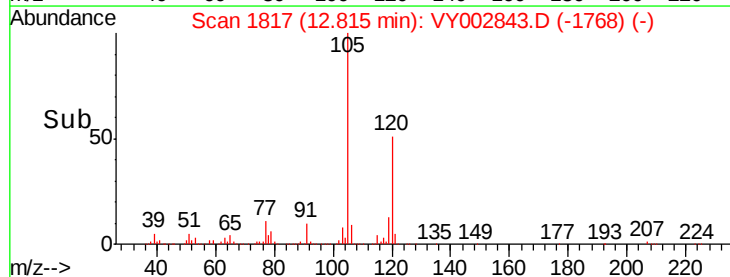
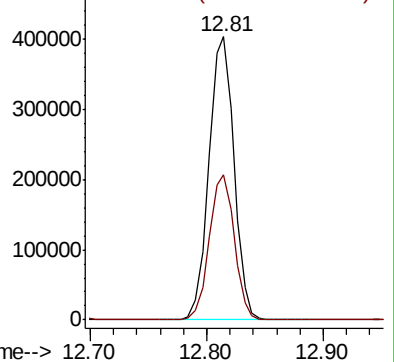
Ion Ratio Lower Upper

105 100

120 51.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.176 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

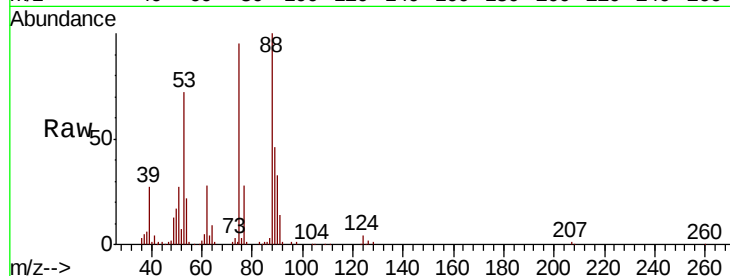
Tot Ion: 75 Resp: 56124

Ion Ratio Lower Upper

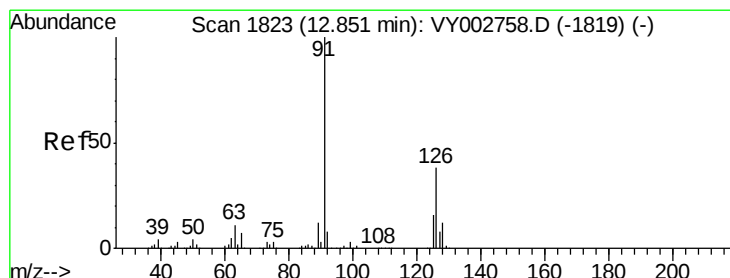
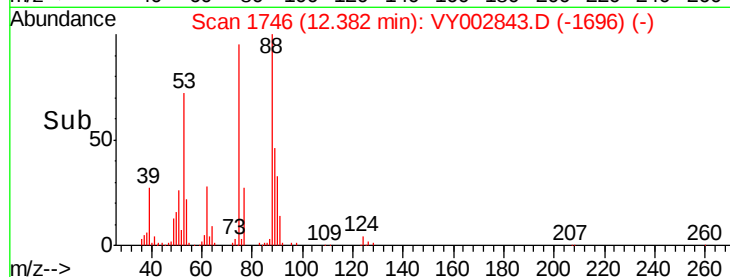
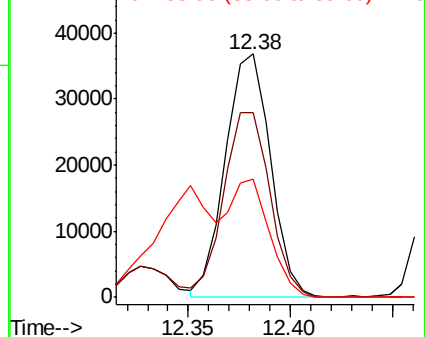
75 100

53 78.8 64.0 96.0

89 44.8 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: 48.913 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002843.D

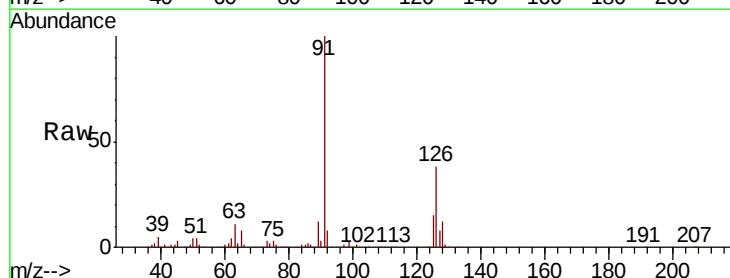
Acq: 05 Jun 2020 12:42

Tgt Ion: 91 Resp: 487950

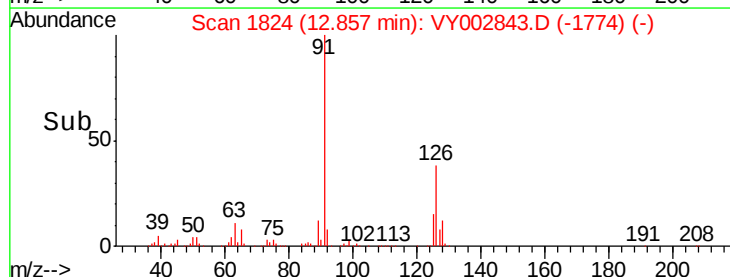
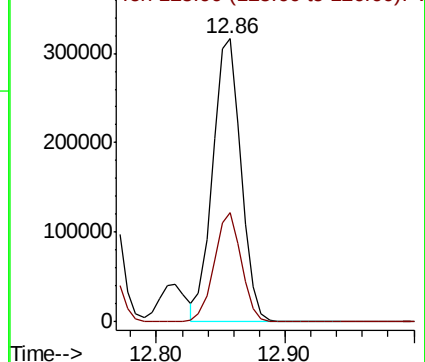
Ion Ratio Lower Upper

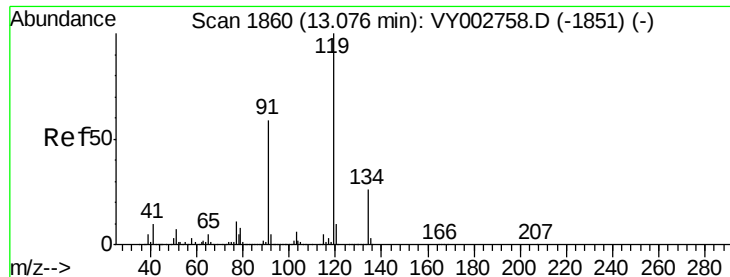
91 100

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

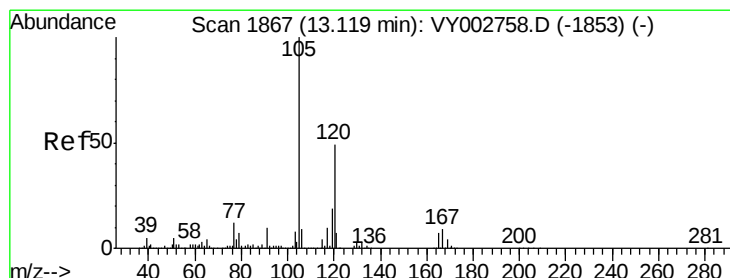
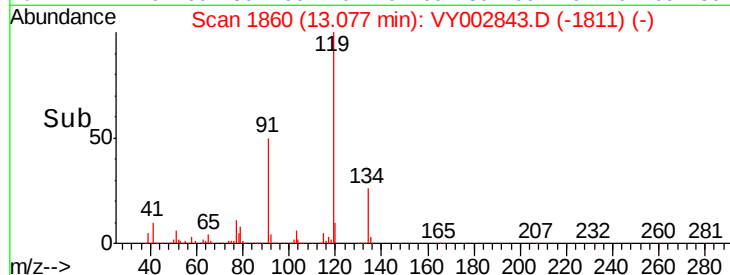
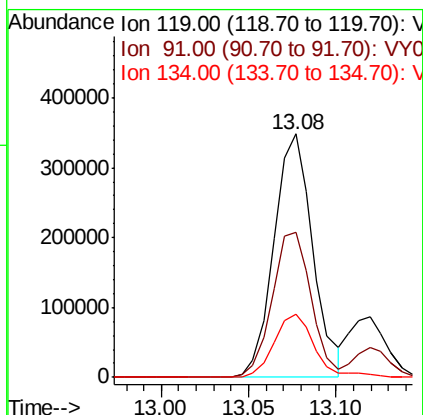
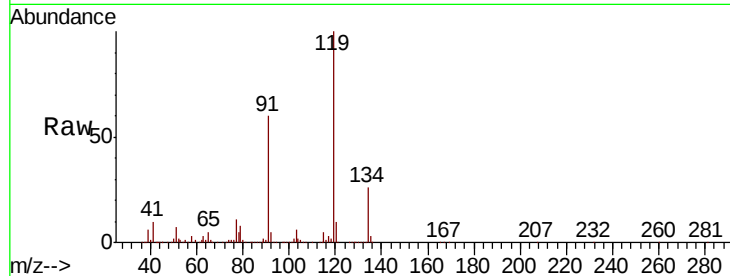




#83
tert-Butylbenzene
Concen: 49.437 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

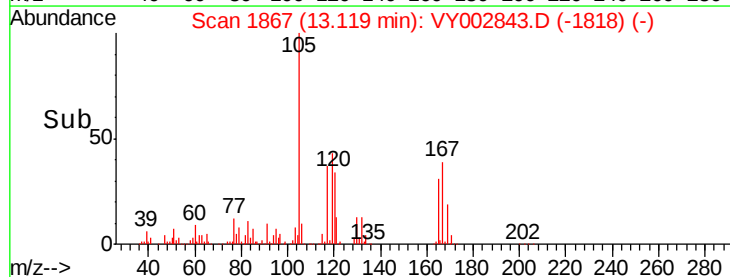
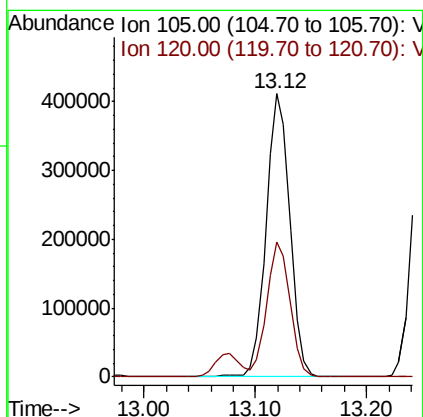
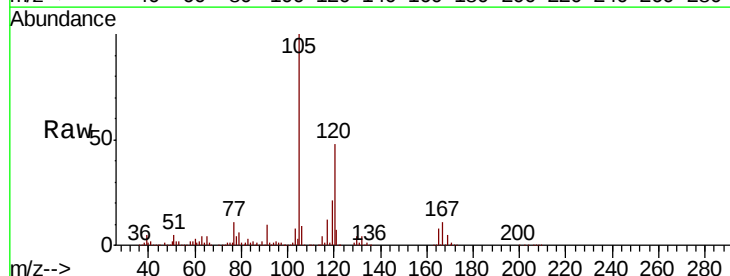
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

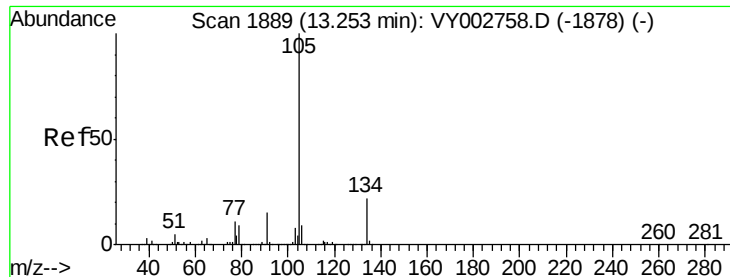
Tot Ion:119 Resp: 541063
Ion Ratio Lower Upper
119 100
91 59.8 29.8 89.4
134 27.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 49.712 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion:105 Resp: 613299
Ion Ratio Lower Upper
105 100
120 46.5 23.6 70.8





#85

sec-Butylbenzene

Concen: 49.149 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

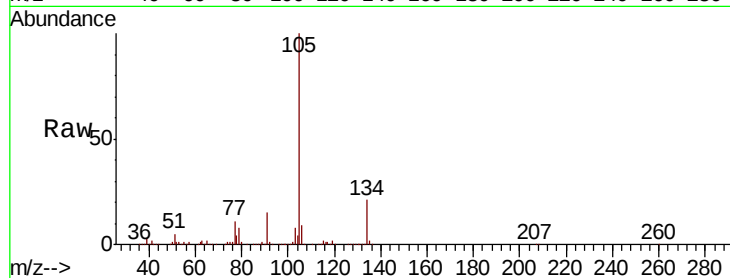
VSTDCCC050

Tot Ion:105 Resp: 735488

Ion Ratio Lower Upper

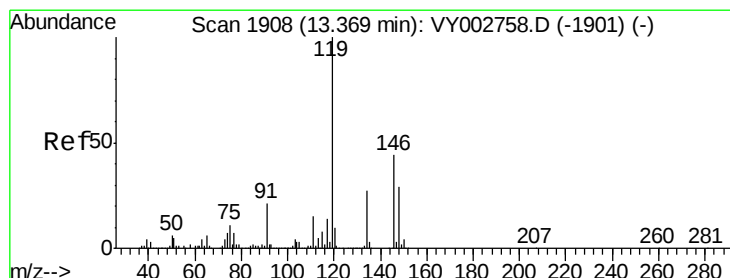
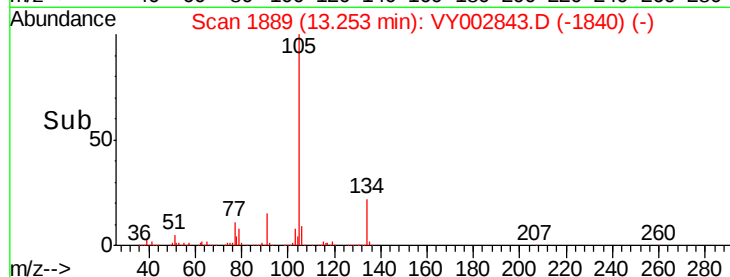
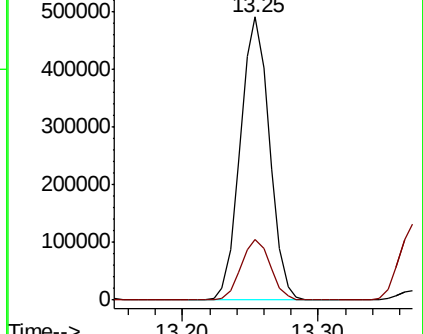
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.631 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

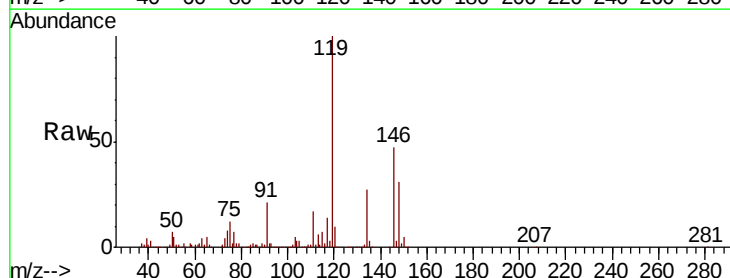
Tgt Ion:119 Resp: 691086

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

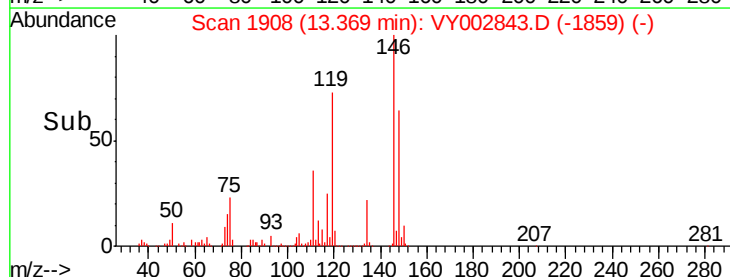
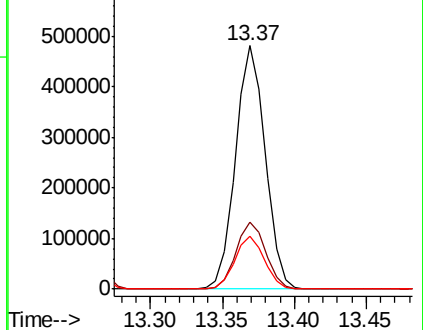
91 21.4 10.8 32.4

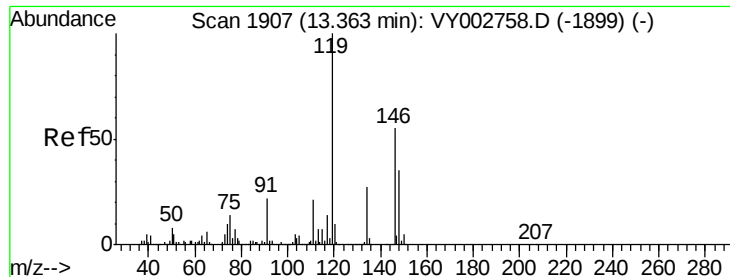


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

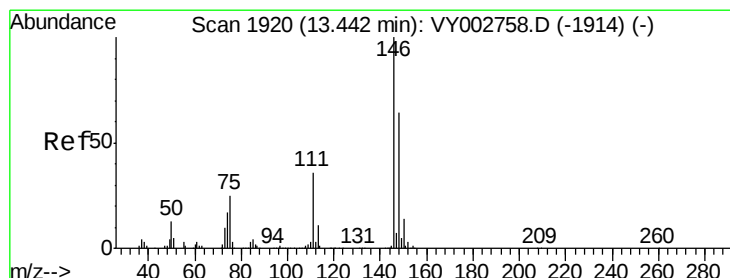
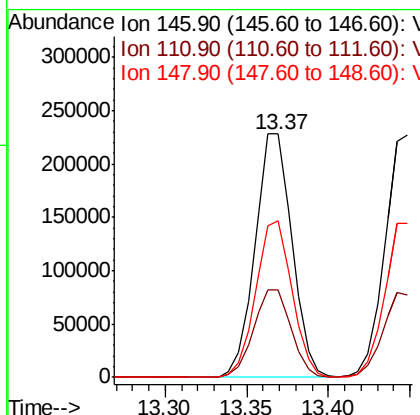
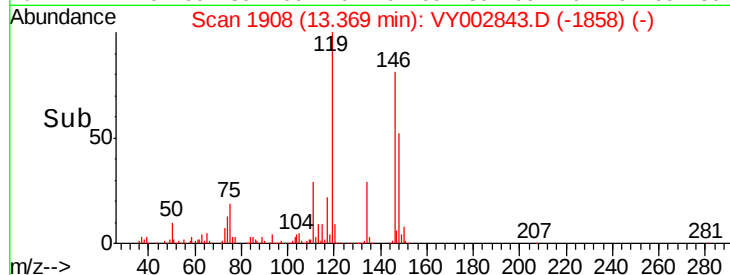
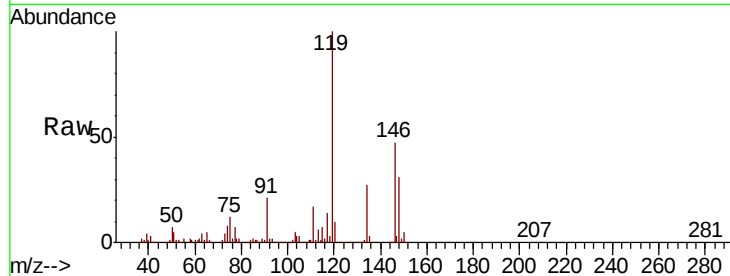




#87
 1,3-Dichlorobenzene
 Concen: 49.373 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

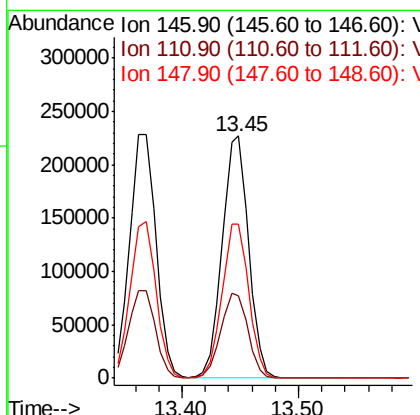
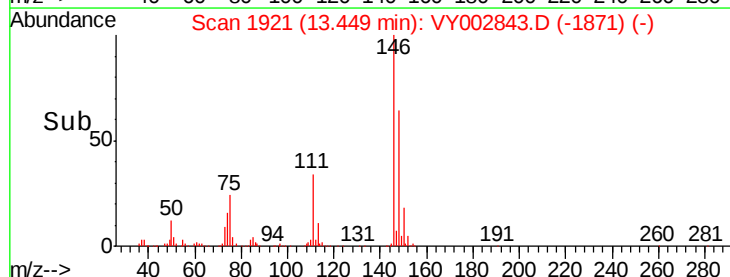
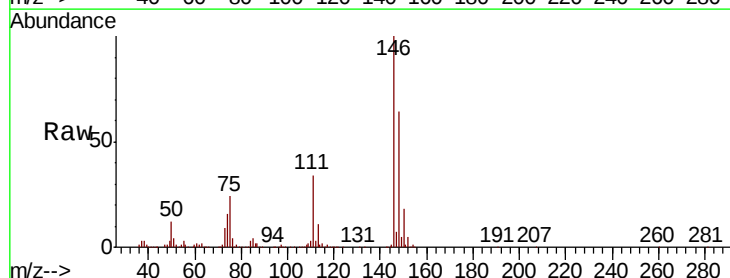
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 357843
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.0
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.870 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion:146 Resp: 354320
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.3
 148 64.6 32.1 96.3





#89

n-Butylbenzene

Concen: 49.774 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002843.D

Acq: 05 Jun 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

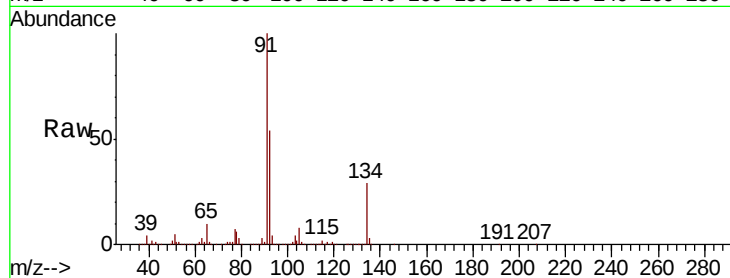
Tot Ion: 91 Resp: 629241

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

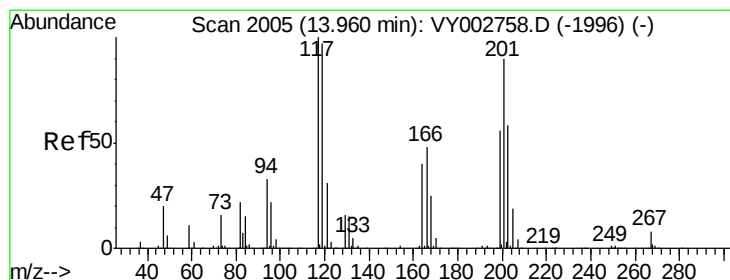
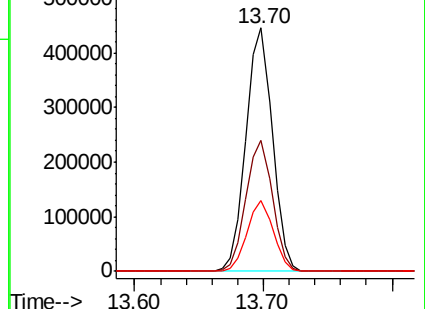
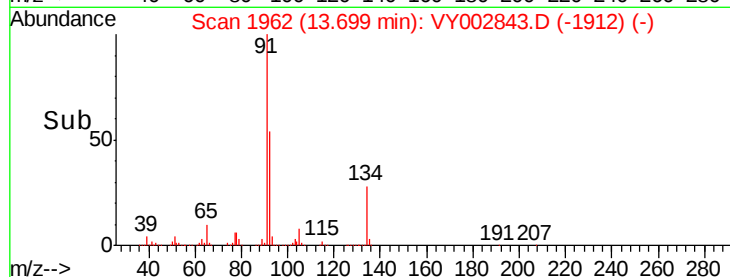
134 28.9 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002843.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002843.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002843.D (-1912) (-)



#90

Hexachloroethane

Concen: 50.327 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002843.D

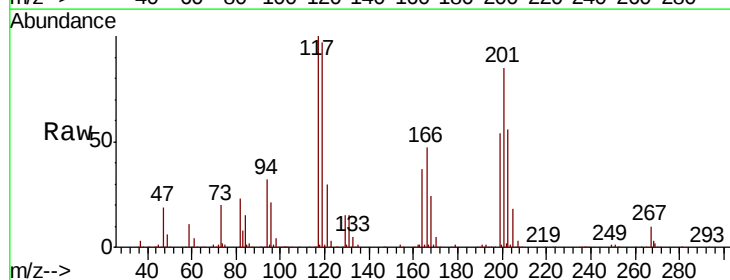
Acq: 05 Jun 2020 12:42

Tgt Ion: 117 Resp: 131191

Ion Ratio Lower Upper

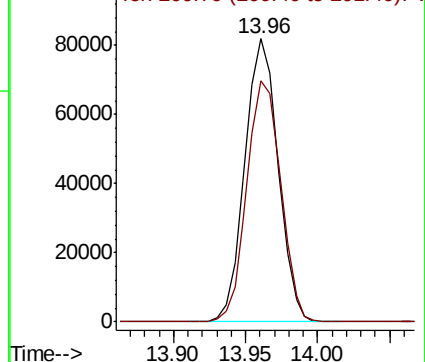
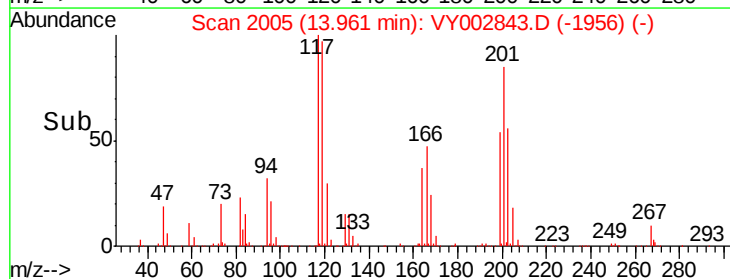
117 100

201 86.8 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002843.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002843.D (-1956) (-)

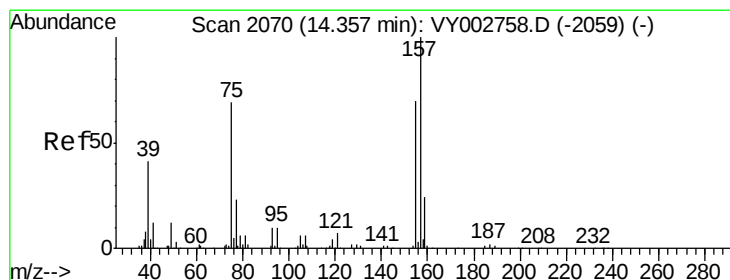
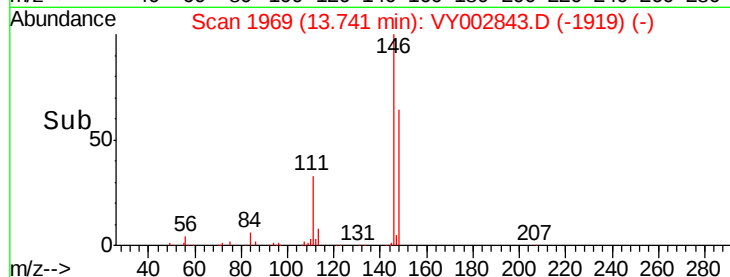
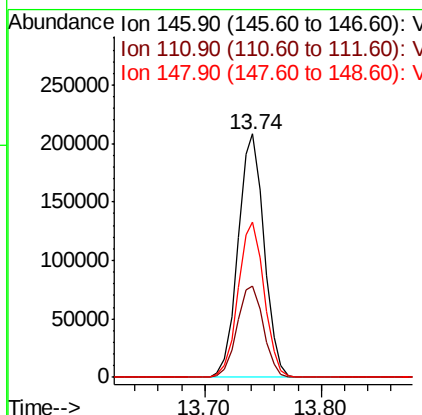
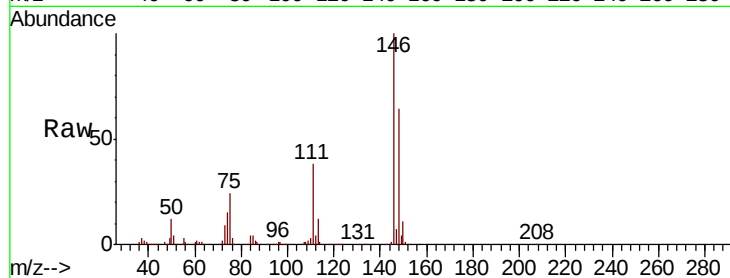




#91
 1,2-Dichlorobenzene
 Concen: 49.279 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

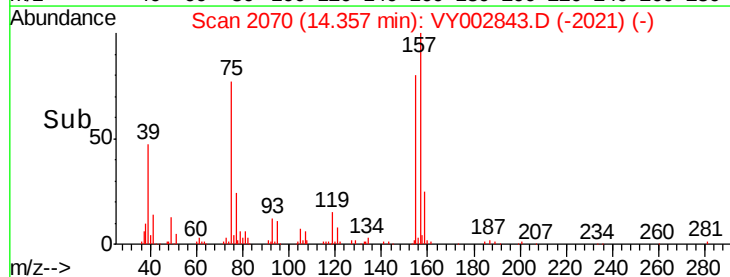
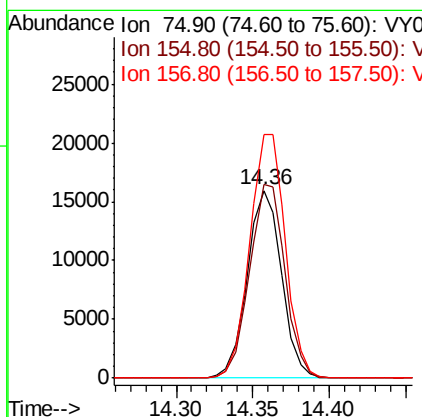
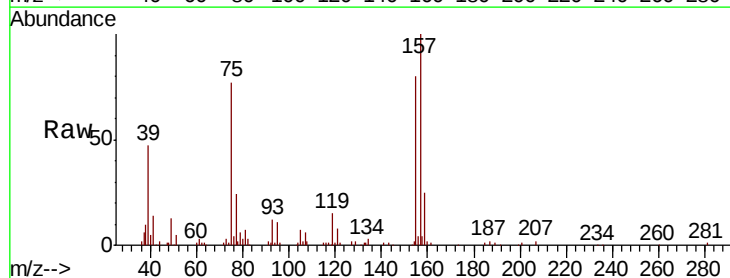
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

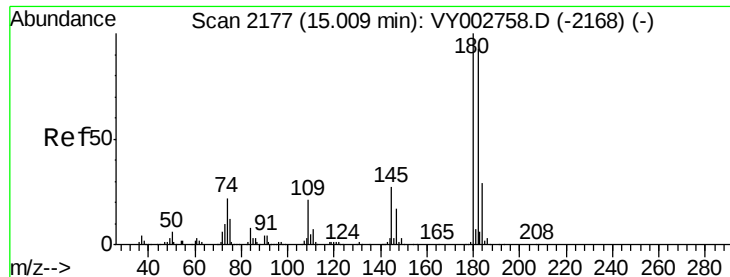
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.178 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.4	53.5	160.5
157	134.4	69.9	209.7

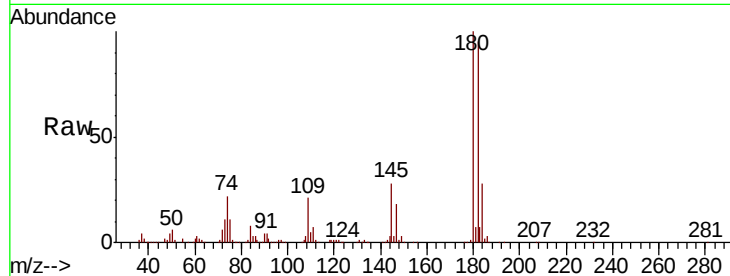




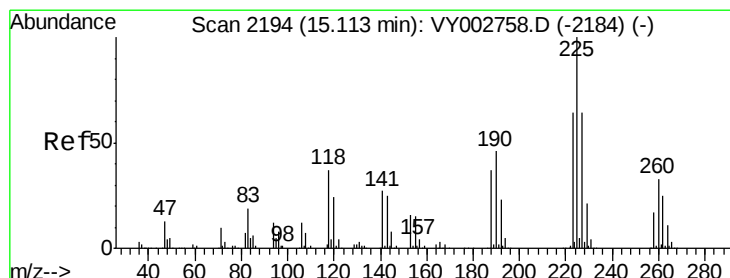
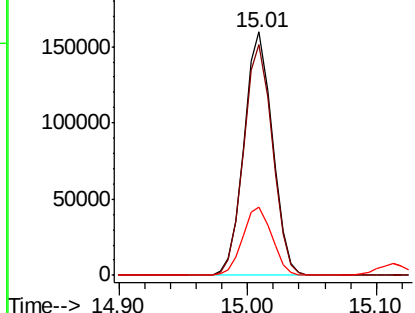
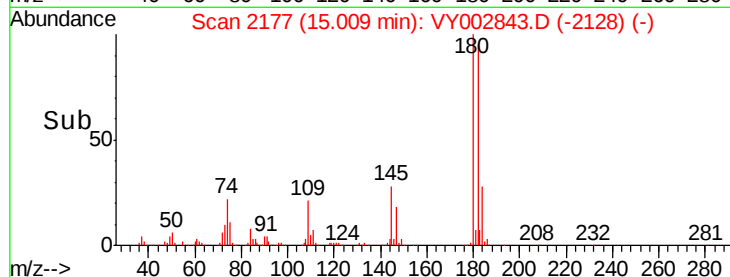
#93
 1,2,4-Trichlorobenzene
 Concen: 48.985 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 242692
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.9
 145 28.8 14.1 42.3

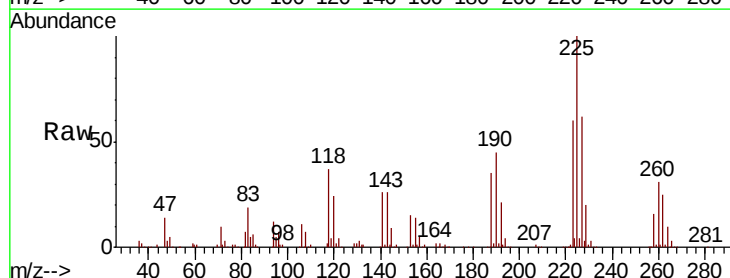


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

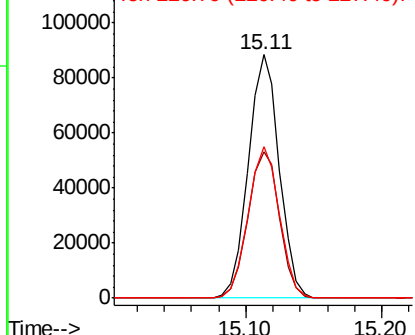
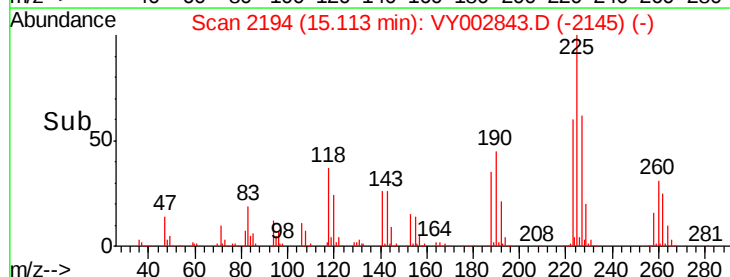


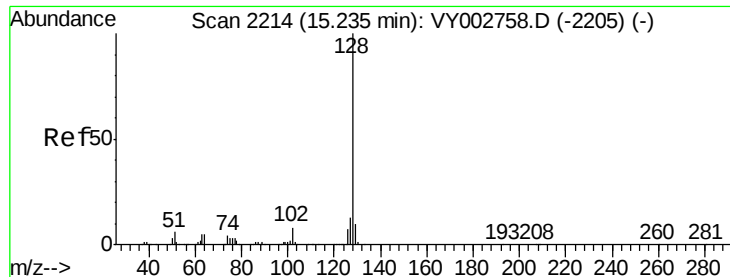
#94
 Hexachlorobutadiene
 Concen: 50.082 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002843.D
 Acq: 05 Jun 2020 12:42

Tgt Ion:225 Resp: 140733
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 95.0
 227 62.9 32.3 96.9



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

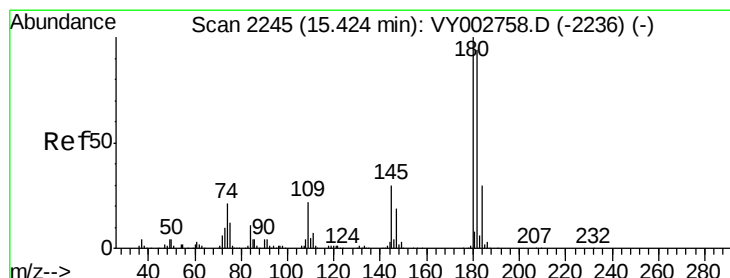
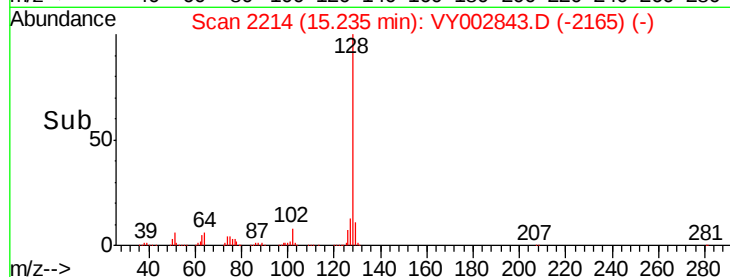
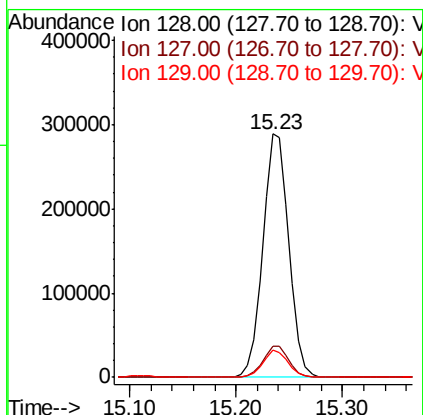
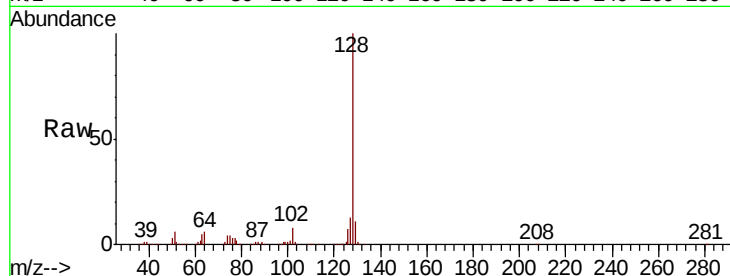




#95
Naphthalene
Concen: 49.360 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 490328
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.896 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002843.D
Acq: 05 Jun 2020 12:42

Tgt Ion:180 Resp: 216328
Ion Ratio Lower Upper
180 100
182 95.9 48.1 144.4
145 30.0 15.1 45.3

