

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003306.D
 Acq On : 22 Jul 2020 22:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 05:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	522005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280196	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	165447	55.60	ug/l	0.00
Spiked Amount			Recovery	=	111.20%	
35) Dibromofluoromethane	7.72	113	157186	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	10.18	98	565586	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.48	95	205971	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	105138	41.611	ug/l	95
3) Chloromethane	2.12	50	173231	49.428	ug/l	99
4) Vinyl Chloride	2.26	62	173196	48.164	ug/l	100
5) Bromomethane	2.65	94	145444	54.455	ug/l	94
6) Chloroethane	2.80	64	118314	50.094	ug/l	100
7) Trichlorofluoromethane	3.13	101	245516	47.809	ug/l	97
8) Diethyl Ether	3.54	74	97853	56.864	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	145501	46.913	ug/l	97
10) Methyl Iodide	4.10	142	130894	38.846	ug/l	98
11) Tert butyl alcohol	4.96	59	90353	280.821	ug/l	98
12) 1,1-Dichloroethene	3.88	96	143883	49.048	ug/l	97
13) Acrolein	3.74	56	58685	210.140	ug/l	96
14) Allyl chloride	4.49	41	251980	57.888	ug/l	95
15) Acrylonitrile	5.17	53	259074	313.415	ug/l	99
16) Acetone	3.95	43	191949	288.803	ug/l	93
17) Carbon Disulfide	4.20	76	448153	49.785	ug/l	99
18) Methyl Acetate	4.49	43	121992	66.093	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	467593	56.879	ug/l	98
20) Methylene Chloride	4.72	84	190727	57.903	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	172647	52.034	ug/l	94
22) Diisopropyl ether	6.13	45	585626	60.620	ug/l	96
23) Vinyl Acetate	6.07	43	1879582	291.903	ug/l	98
24) 1,1-Dichloroethane	6.02	63	315082	56.296	ug/l	100
25) 2-Butanone	6.99	43	333684	305.776	ug/l	99
26) 2,2-Dichloropropane	6.99	77	237647	47.148	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	203297	55.649	ug/l	99
28) Bromochloromethane	7.34	49	146545	60.476	ug/l	96
29) Tetrahydrofuran	7.35	42	227158	309.860	ug/l	96
30) Chloroform	7.51	83	325394	56.448	ug/l	97
31) Cyclohexane	7.79	56	257324	47.546	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	279211	53.803	ug/l	98
36) 1,1-Dichloropropene	7.93	75	240227	48.431	ug/l	98
37) Ethyl Acetate	7.08	43	153491	57.461	ug/l	97
38) Carbon Tetrachloride	7.91	117	248629	48.554	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	278004	44.615	ug/l	97
40) Benzene	8.16	78	709419	51.942	ug/l	97
41) Methacrylonitrile	7.35	41	209658	130.319	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	219426	52.185	ug/l	99
43) Isopropyl Acetate	8.28	43	292021	56.478	ug/l	98
44) Trichloroethene	8.94	130	198188	47.336	ug/l	98
45) 1,2-Dichloropropane	9.22	63	189003	53.481	ug/l	98
46) Dibromomethane	9.31	93	106368	51.532	ug/l	99
47) Bromodichloromethane	9.50	83	262777	53.528	ug/l	99
48) Methyl methacrylate	9.30	41	129929	56.209	ug/l	96
49) 1,4-Dioxane	9.30	88	29207	1114.902	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	770823	286.820	ug/l	98
52) Toluene	10.24	92	443721	50.829	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	265631	52.225	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	304867	52.022	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	156388	53.468	ug/l	98
56) Ethyl methacrylate	10.51	69	220207	55.377	ug/l	97
57) 1,3-Dichloropropane	10.79	76	267335	53.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	611250	301.401	ug/l	97
59) 2-Hexanone	10.83	43	535153	285.254	ug/l	98
60) Dibromochloromethane	10.99	129	195663	53.186	ug/l	99
61) 1,2-Dibromoethane	11.09	107	147078	50.949	ug/l	98
64) Tetrachloroethene	10.72	164	207138	44.504	ug/l	98
65) Chlorobenzene	11.52	112	496542	49.377	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.59	131	197737	50.627	ug/l	99
67) Ethyl Benzene	11.59	91	883867	49.226	ug/l	99
68) m/p-Xylenes	11.70	106	665732	97.719	ug/l	99
69) o-Xylene	12.03	106	317786	49.931	ug/l	98
70) Styrene	12.04	104	563307	51.738	ug/l	100
71) Bromoform	12.20	173	130856	51.047	ug/l	100
73) Isopropylbenzene	12.33	105	856196	47.950	ug/l	99
74) N-amyl acetate	12.14	43	266142	53.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	182595	52.947	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	237936	95.934	ug/l #	100
77) Bromobenzene	12.61	156	223203	49.039	ug/l	99
78) n-propylbenzene	12.67	91	1018725	48.401	ug/l	99
79) 2-Chlorotoluene	12.75	91	573642	48.849	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	730217	49.067	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	62724	49.219	ug/l	95
82) 4-Chlorotoluene	12.85	91	601302	49.057	ug/l	100
83) tert-Butylbenzene	13.07	119	632577	48.173	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	746347	49.843	ug/l	98
85) sec-Butylbenzene	13.25	105	873010	48.370	ug/l	100
86) p-Isopropyltoluene	13.36	119	815379	48.385	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	426842	49.592	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	421685	49.484	ug/l	100
89) n-Butylbenzene	13.69	91	754829	47.619	ug/l	99
90) Hexachloroethane	13.95	117	161999	52.787	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	386936	51.227	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28525	51.020	ug/l	99

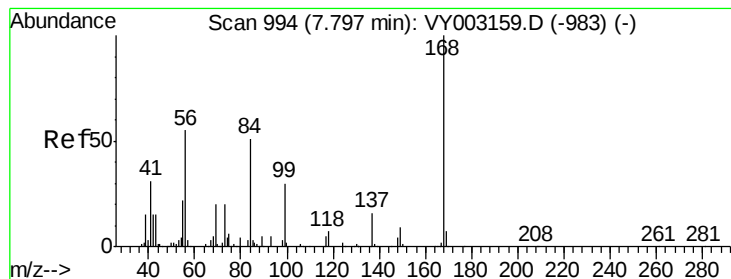
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	258713	48.146	ug/l	100
94) Hexachlorobutadiene	15.11	225	172453	46.837	ug/l	97
95) Naphthalene	15.23	128	462496	52.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212058	49.923	ug/l	97

(#) = 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: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

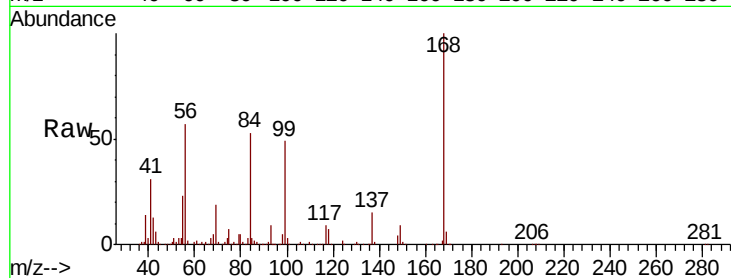
VSTDCCC050EC

Tot Ion:168 Resp: 352532

Ion Ratio Lower Upper

168 100

99 48.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003306.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003306.D (-945) (-)

7.80

150000

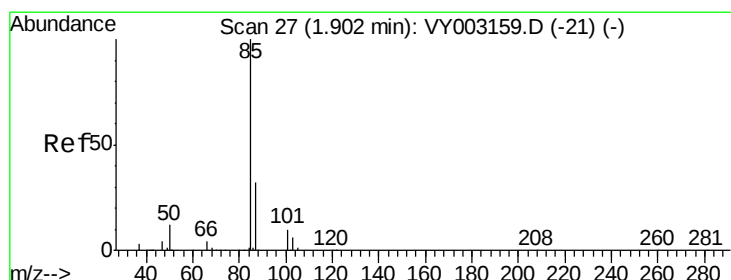
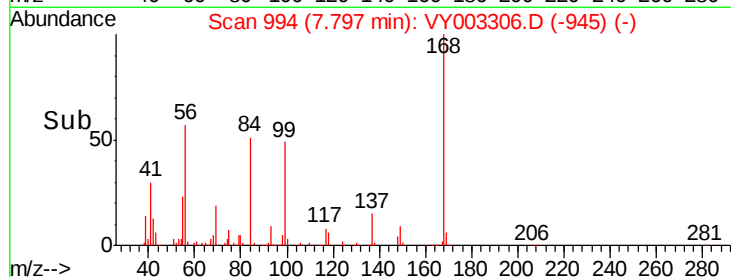
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.611 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003306.D

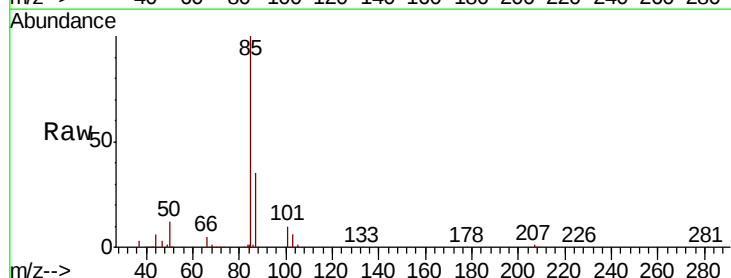
Acq: 22 Jul 2020 22:21

Tgt Ion: 85 Resp: 105138

Ion Ratio Lower Upper

85 100

87 34.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003306.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003306.D (-1) (-)

1.90

60000

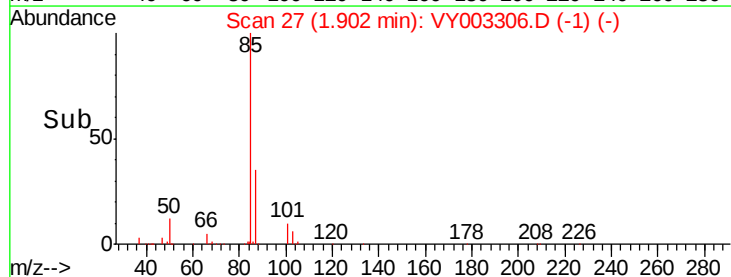
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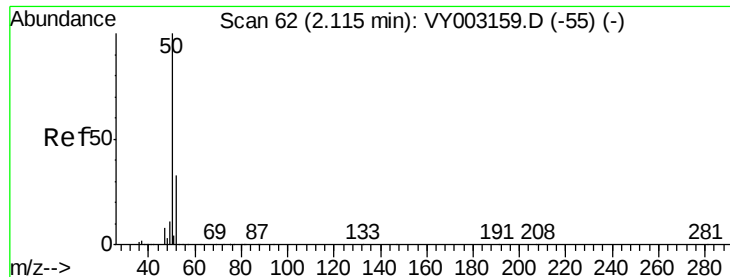
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0

1.80 1.90 2.00

Time-->

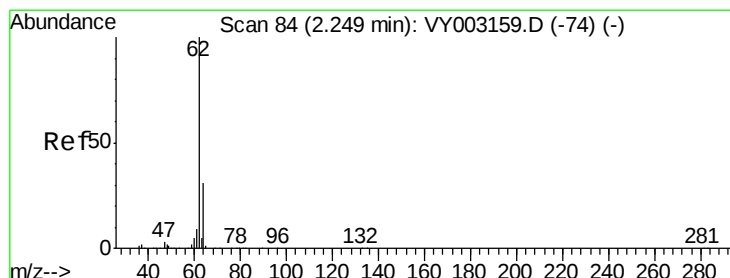
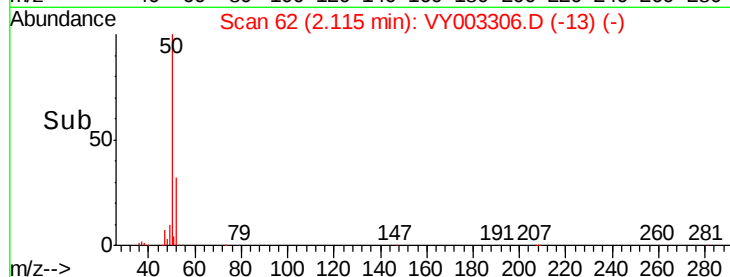
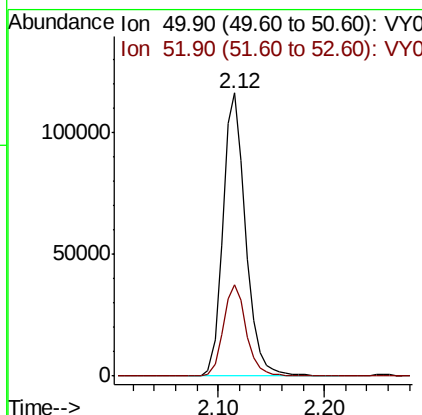
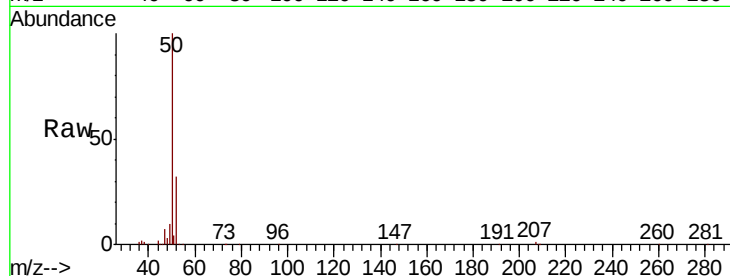




#3
 Chloromethane
 Concen: 49.428 ug/l
 RT: 2.12 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

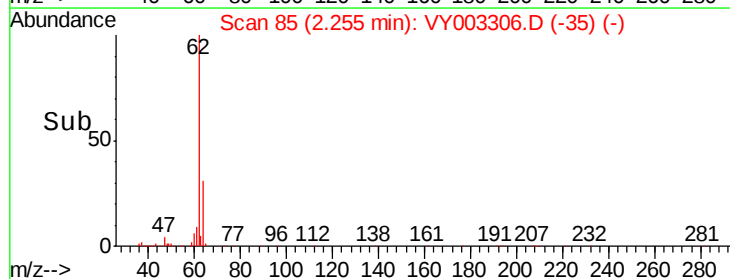
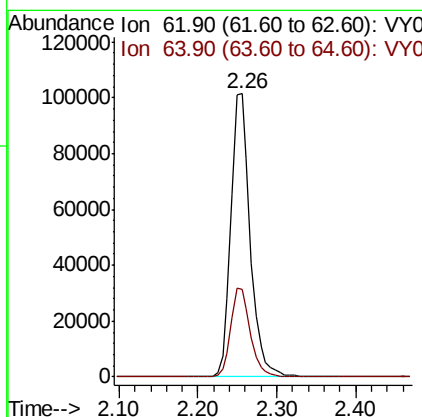
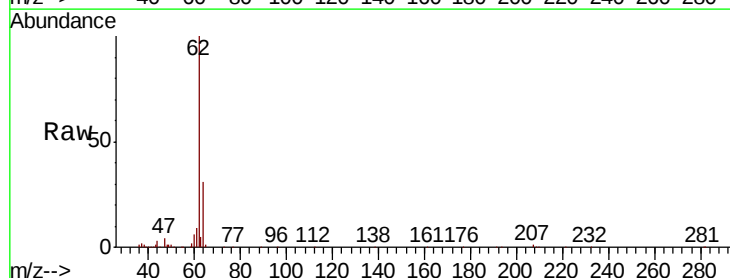
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

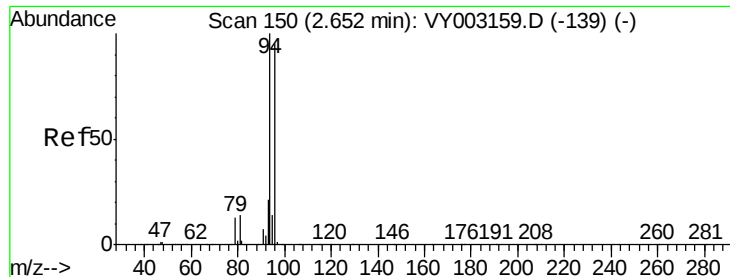
Tot Ion: 50 Resp: 173231
 Ion Ratio Lower Upper
 50 100
 52 32.4 26.6 39.8



#4
 Vinyl Chloride
 Concen: 48.164 ug/l
 RT: 2.26 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion: 62 Resp: 173196
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.6 37.0





#5

Bromomethane

Concen: 54.455 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

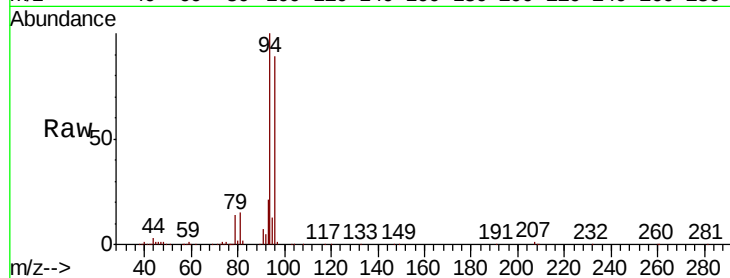
VSTDCCC050EC

Tot Ion: 94 Resp: 145444

Ion Ratio Lower Upper

94 100

96 89.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

80000

60000

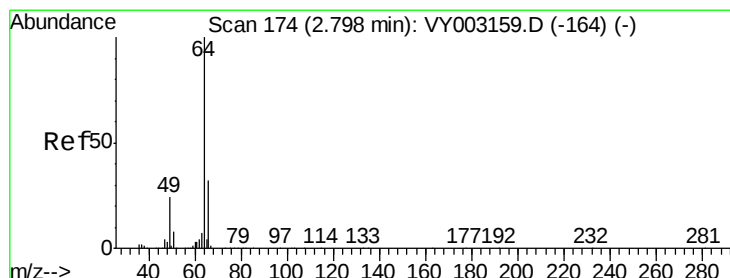
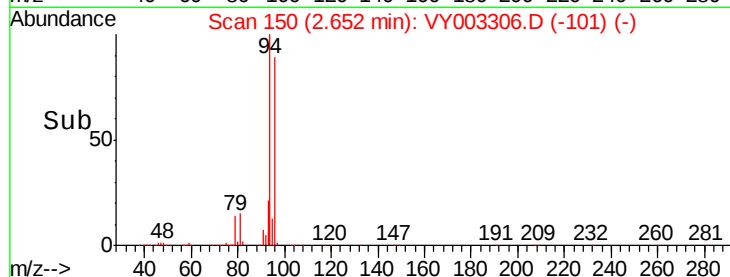
40000

20000

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Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 50.094 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003306.D

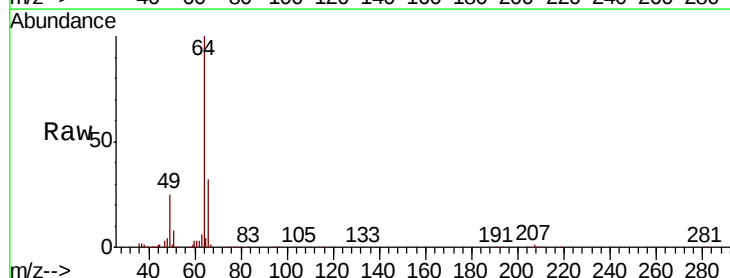
Acq: 22 Jul 2020 22:21

Tgt Ion: 64 Resp: 118314

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

50000

40000

30000

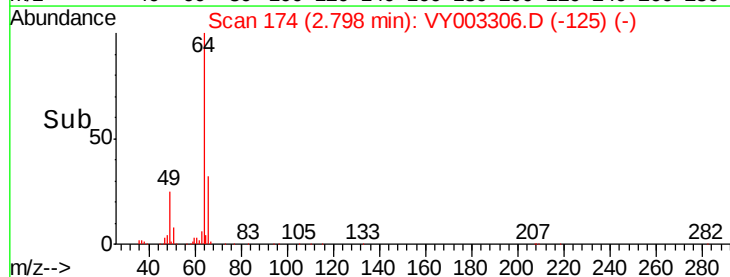
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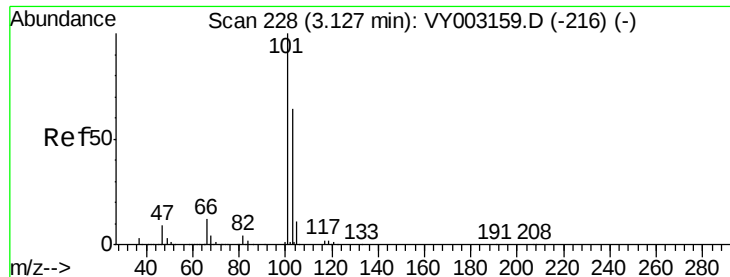
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Time-->

2.70 2.80 2.90



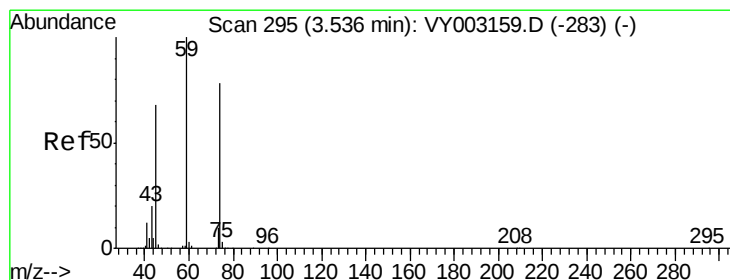
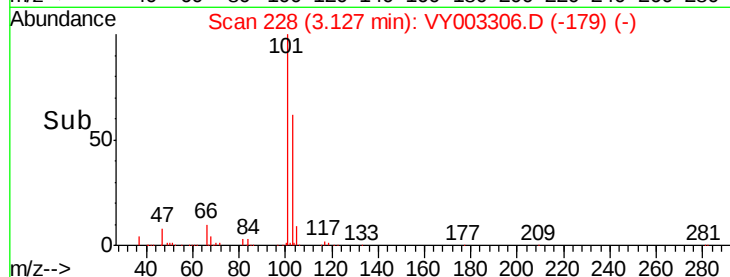
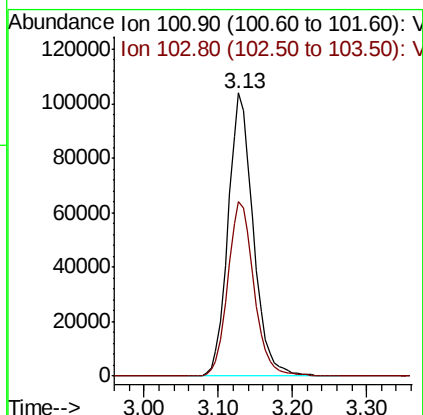
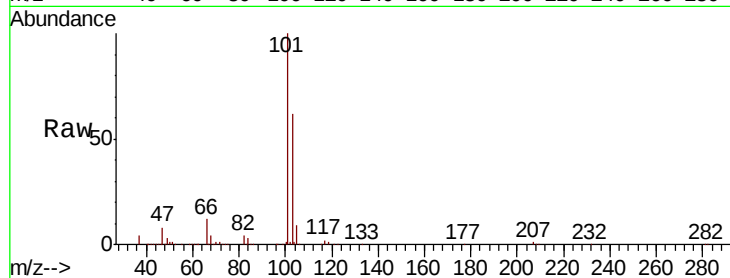


#7

Trichlorofluoromethane
 Concen: 47.809 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
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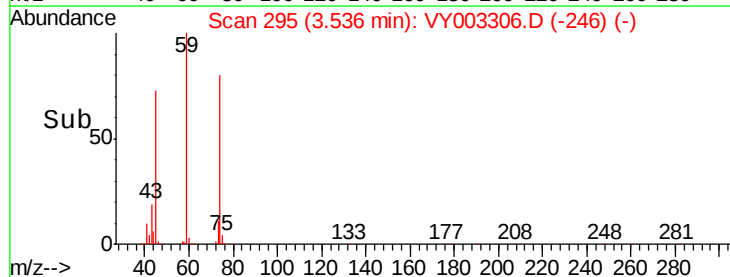
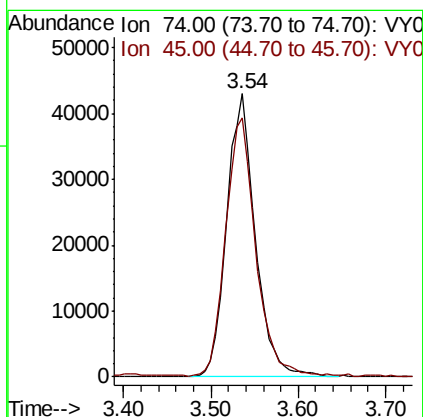
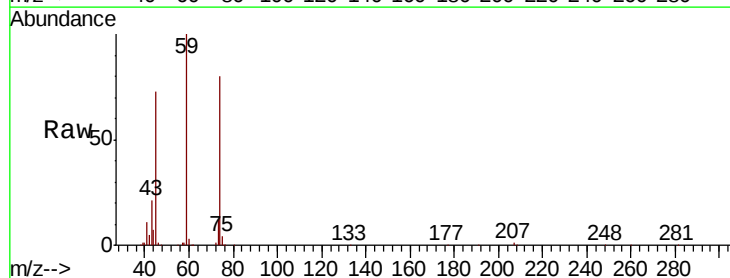
Tot Ion:101 Resp: 245516
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.3 76.9

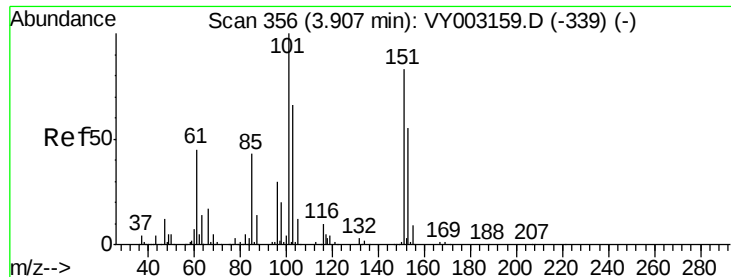


#8

Diethyl Ether
 Concen: 56.864 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion: 74 Resp: 97853
 Ion Ratio Lower Upper
 74 100
 45 95.8 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.913 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

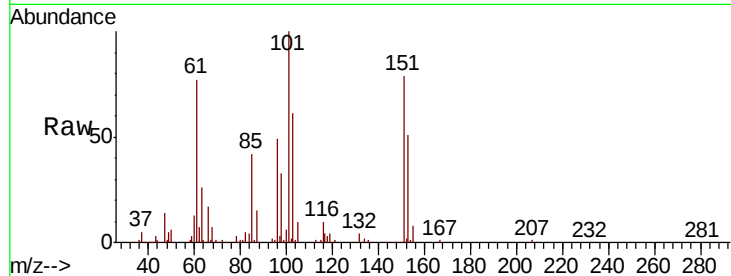
Tot Ion:101 Resp: 145501

Ion Ratio Lower Upper

101 100

85 45.0 34.9 52.3

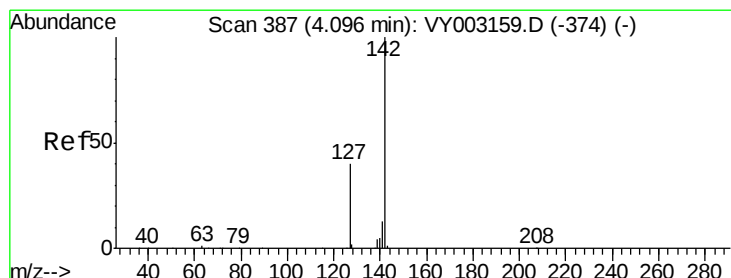
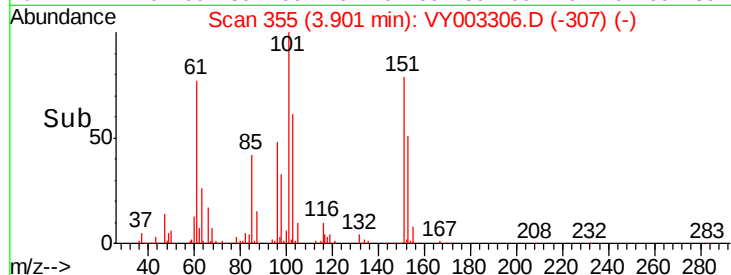
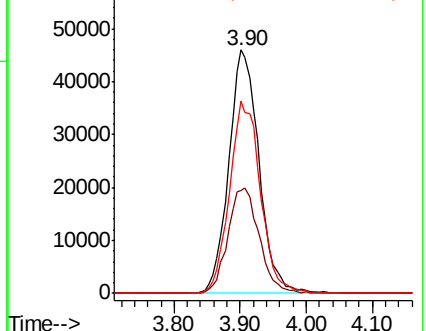
151 81.1 67.0 100.6



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: 38.846 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

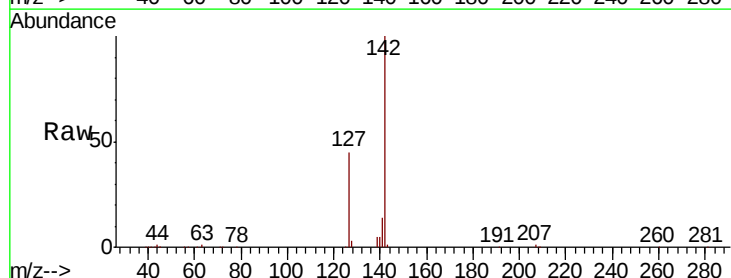
Tgt Ion:142 Resp: 130894

Ion Ratio Lower Upper

142 100

127 43.5 33.5 50.3

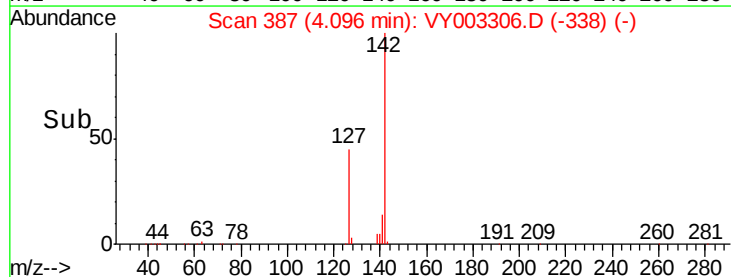
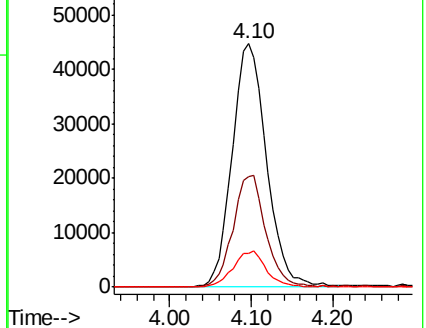
141 14.2 11.2 16.8

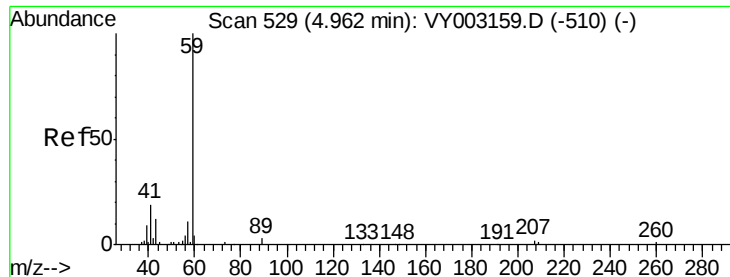


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



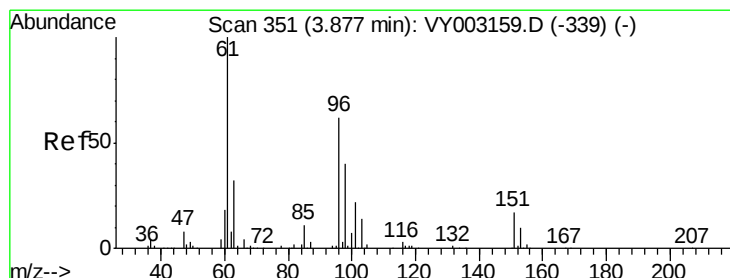
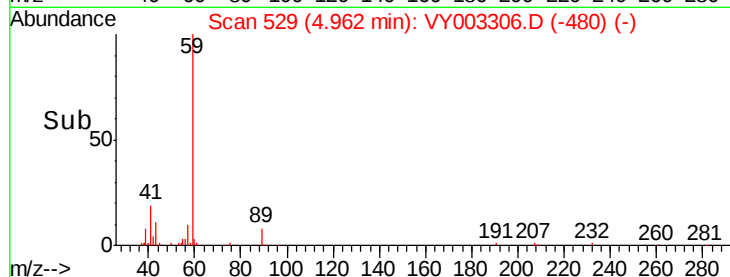
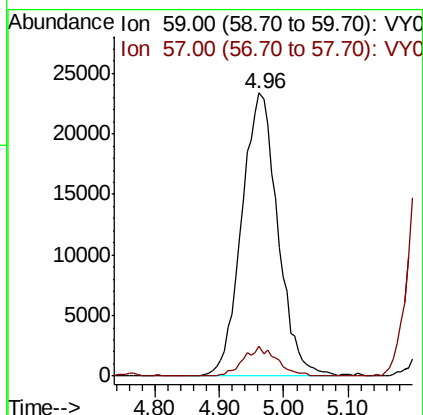
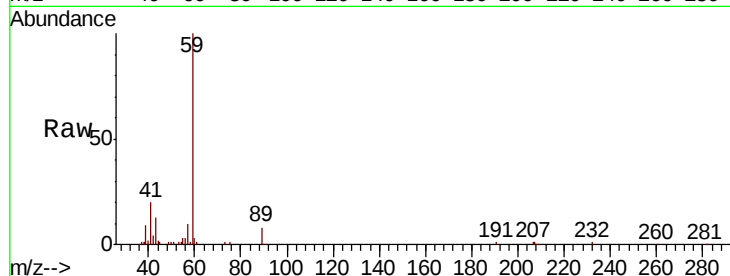


#11

Tert butyl alcohol
Concen: 280.821 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

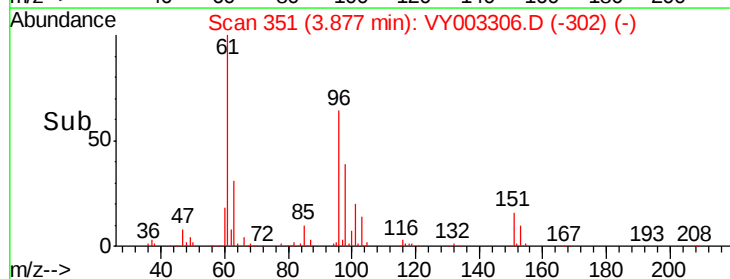
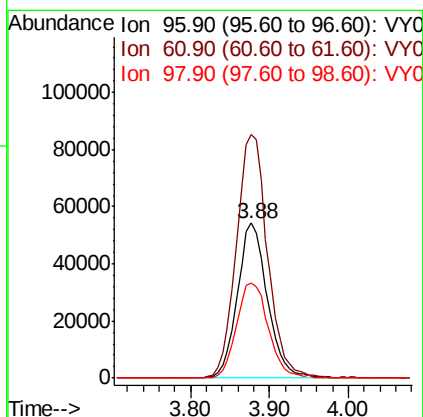
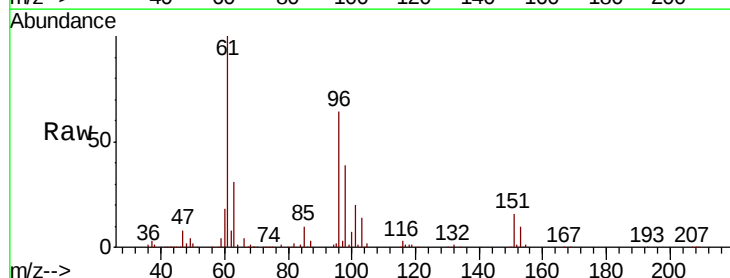
Tot Ion: 59 Resp: 90353
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6

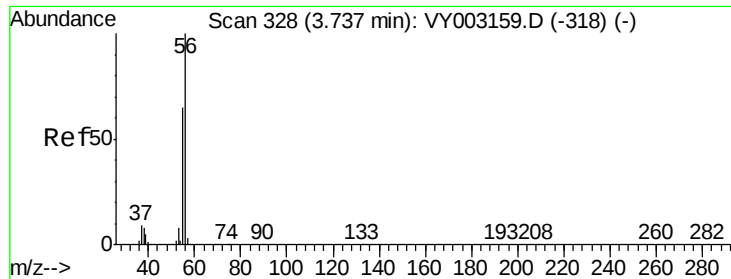


#12

1,1-Dichloroethene
Concen: 49.048 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 96 Resp: 143883
Ion Ratio Lower Upper
96 100
61 157.1 128.6 193.0
98 61.3 51.6 77.4

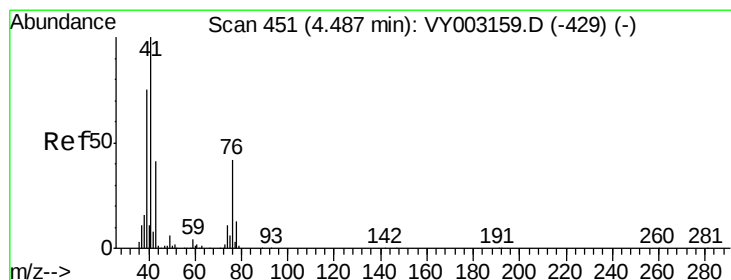
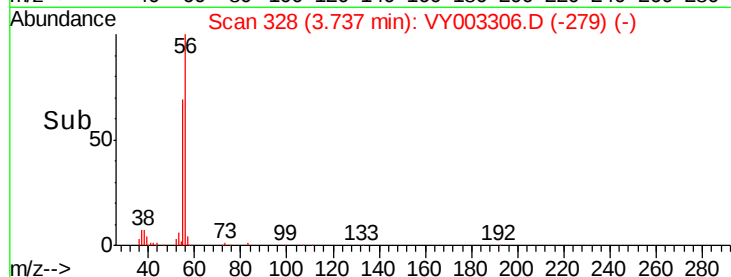
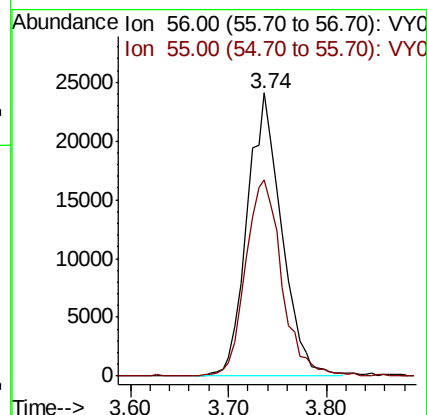
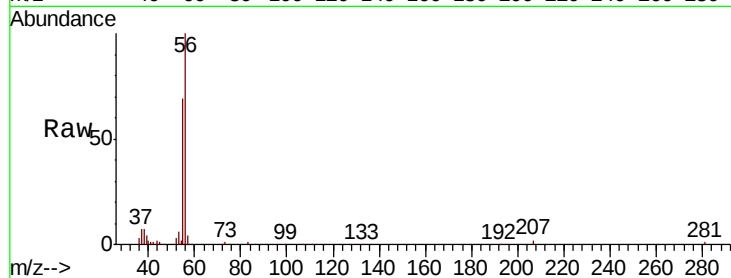




#13
Acrolein
Concen: 210.140 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

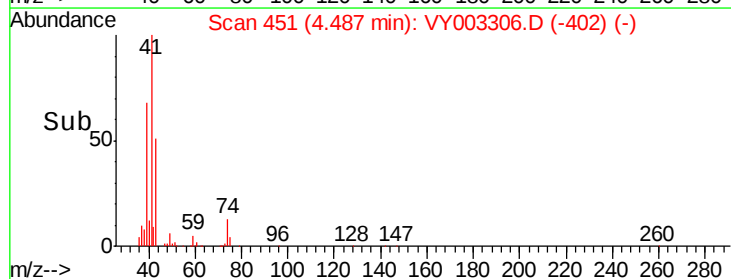
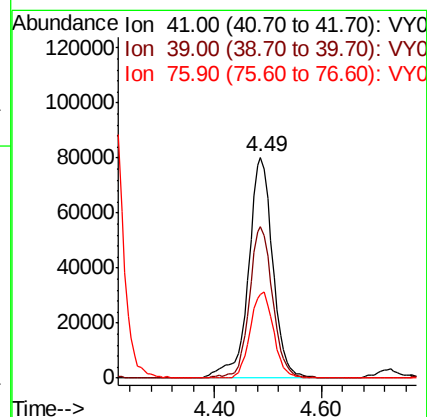
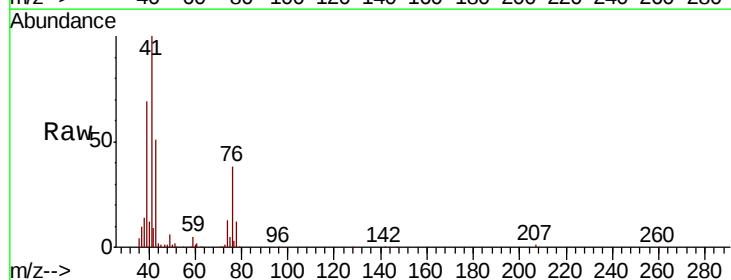
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

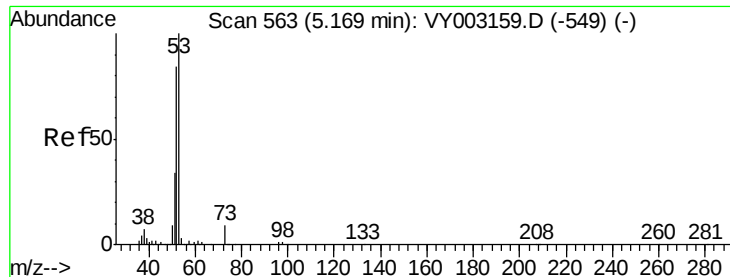
Tot Ion: 56 Resp: 58685
Ion Ratio Lower Upper
56 100
55 73.4 56.0 84.0



#14
Allyl chloride
Concen: 57.888 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 41 Resp: 251980
Ion Ratio Lower Upper
41 100
39 66.1 56.6 85.0
76 37.6 31.6 47.4





#15

Acrylonitrile

Concen: 313.415 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

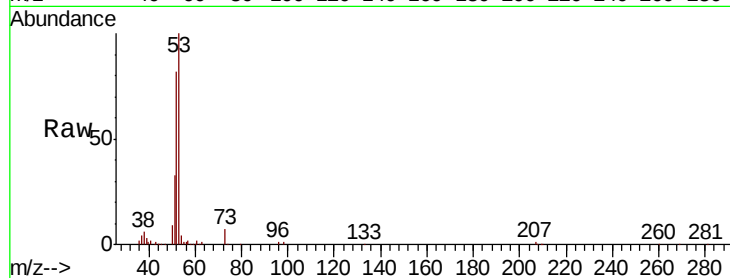
Tot Ion: 53 Resp: 259074

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.6

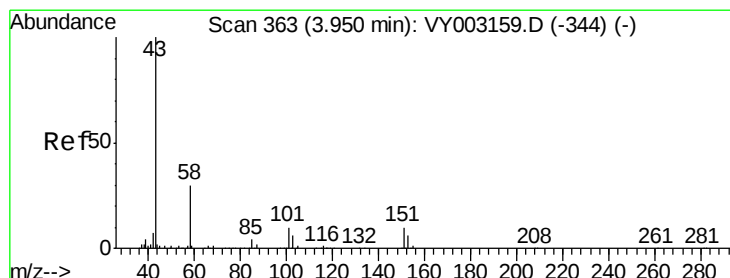
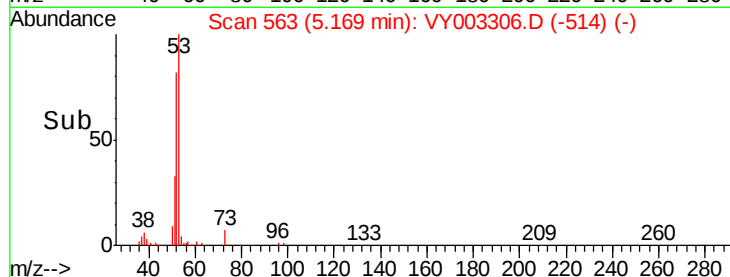
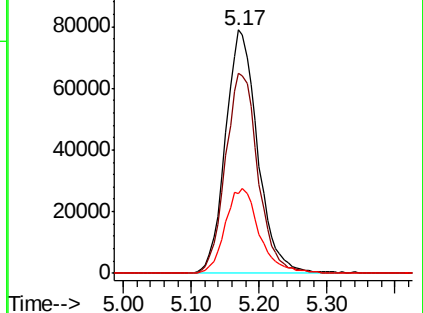
51 36.9 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003306.D (-514) (-)

Ion 52.00 (51.70 to 52.70): VY003306.D (-514) (-)

Ion 51.00 (50.70 to 51.70): VY003306.D (-514) (-)



#16

Acetone

Concen: 288.803 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003306.D

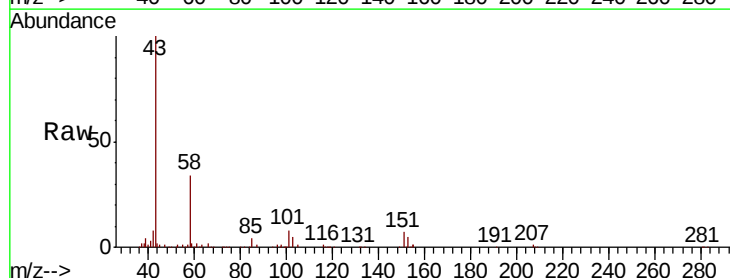
Acq: 22 Jul 2020 22:21

Tgt Ion: 43 Resp: 191949

Ion Ratio Lower Upper

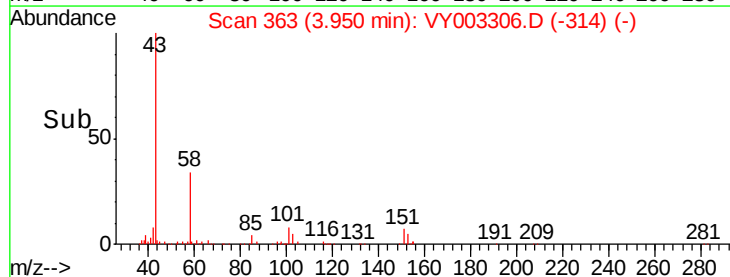
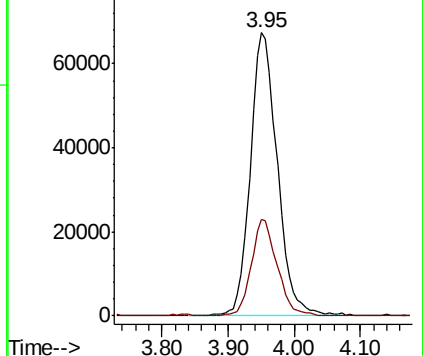
43 100

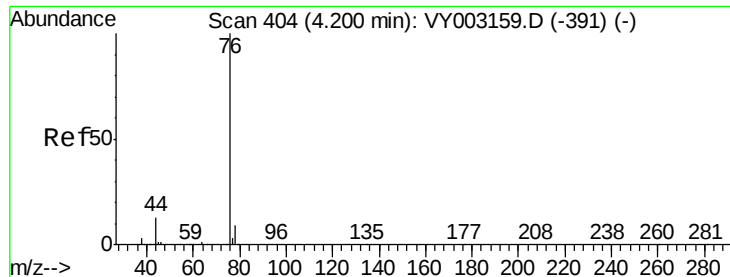
58 33.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003306.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003306.D (-314) (-)

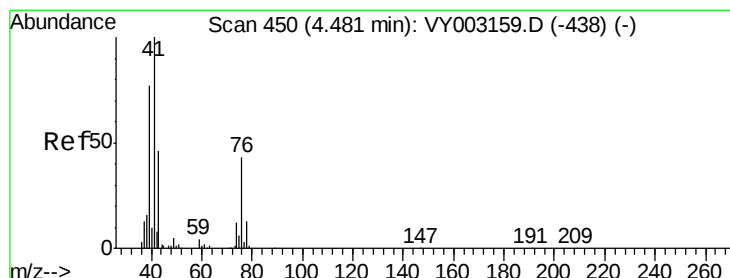
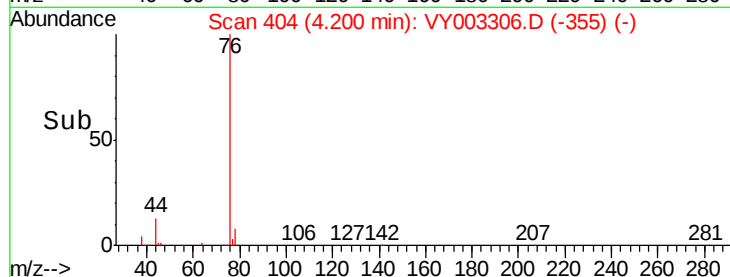
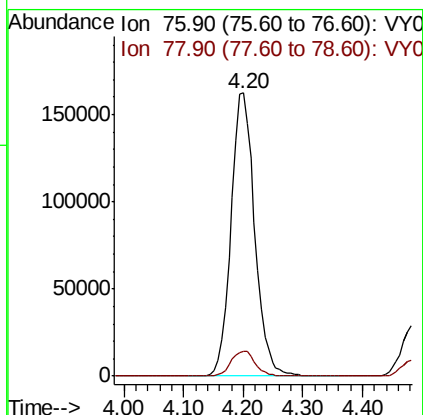
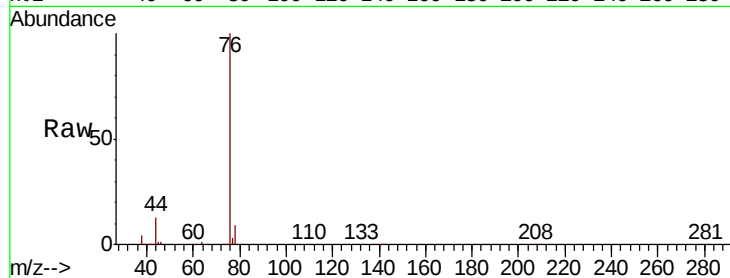




#17
Carbon Disulfide
Concen: 49.785 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

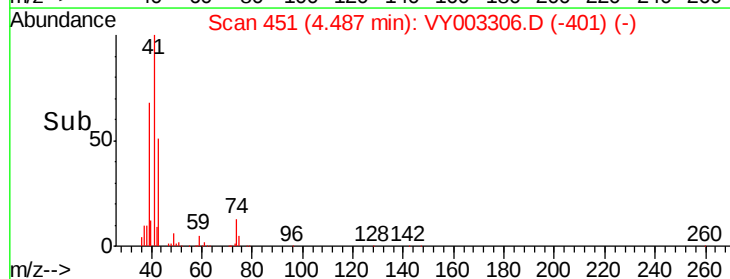
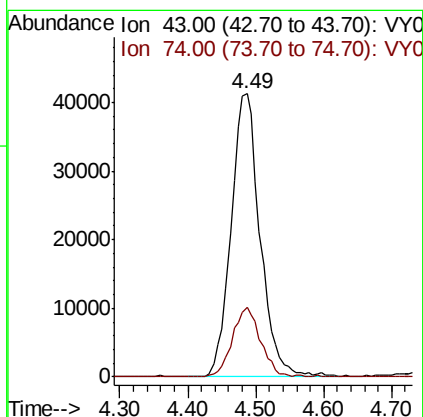
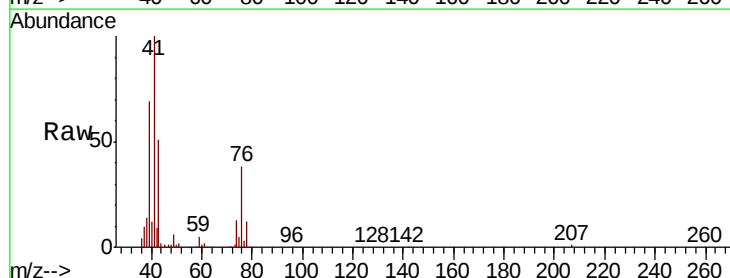
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

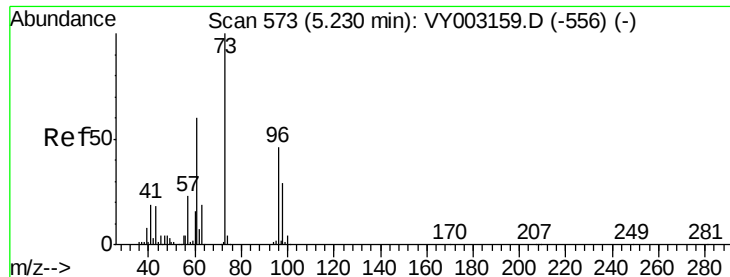
Tot Ion: 76 Resp: 448153
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 66.093 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 43 Resp: 121992
Ion Ratio Lower Upper
43 100
74 23.8 20.8 31.2

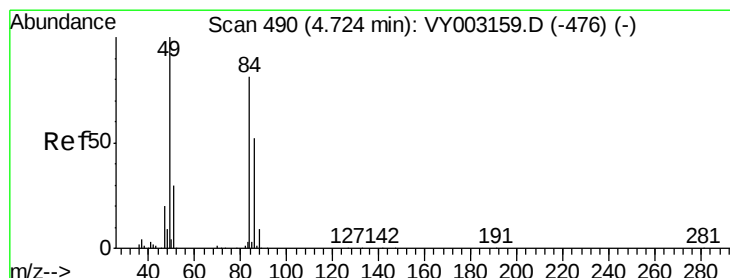
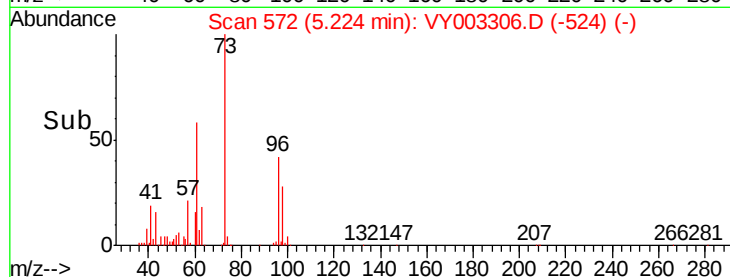
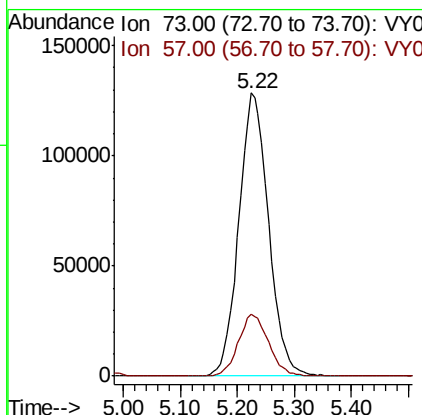
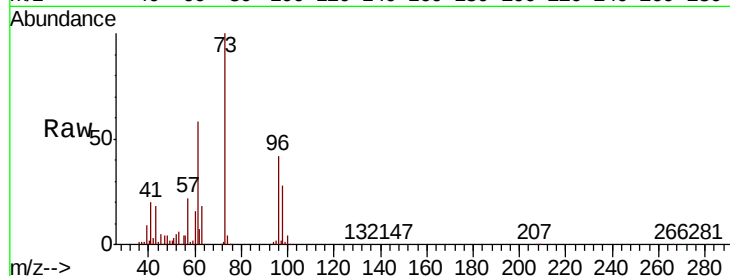




#19
Methyl tert-butyl Ether
Concen: 56.879 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

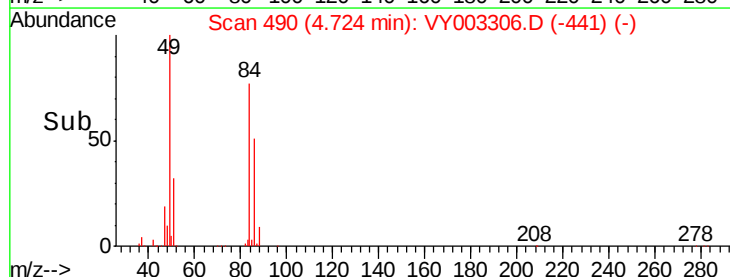
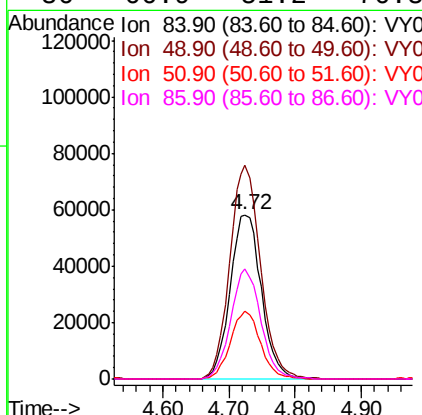
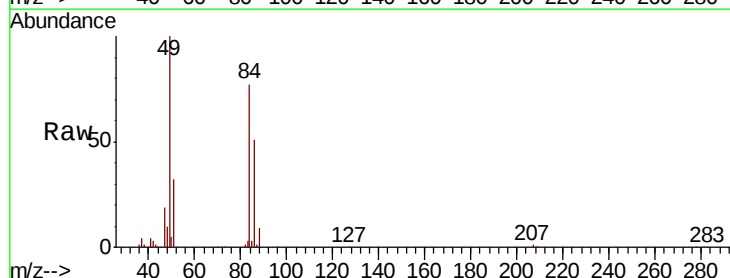
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

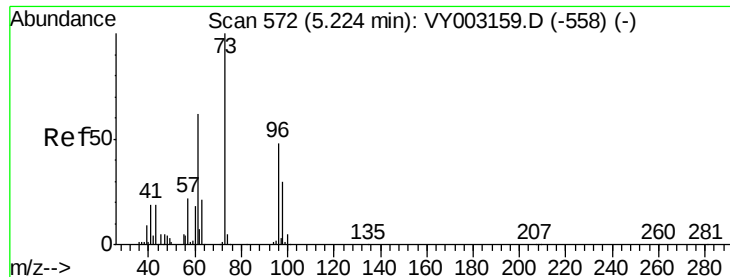
Tot Ion: 73 Resp: 467593
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1



#20
Methylene Chloride
Concen: 57.903 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 84 Resp: 190727
Ion Ratio Lower Upper
84 100
49 130.1 98.2 147.4
51 41.0 29.8 44.6
86 66.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.034 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

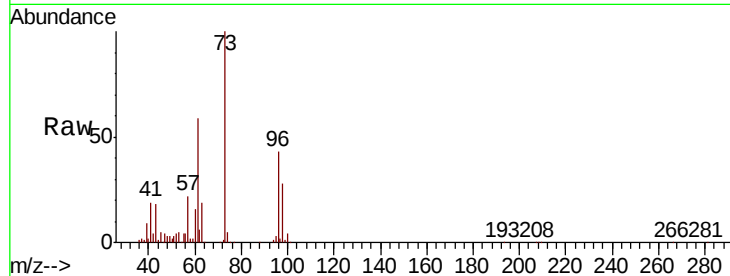
Tot Ion: 96 Resp: 172647

Ion Ratio Lower Upper

96 100

61 135.9 102.5 153.7

98 64.6 49.8 74.8

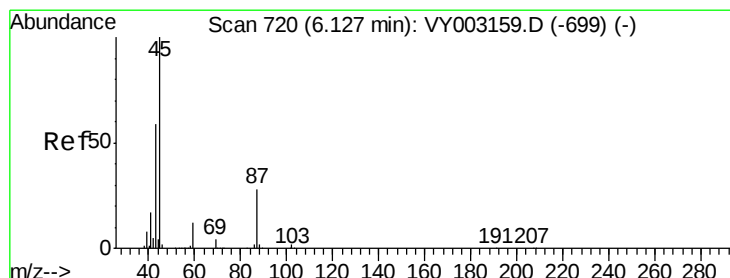
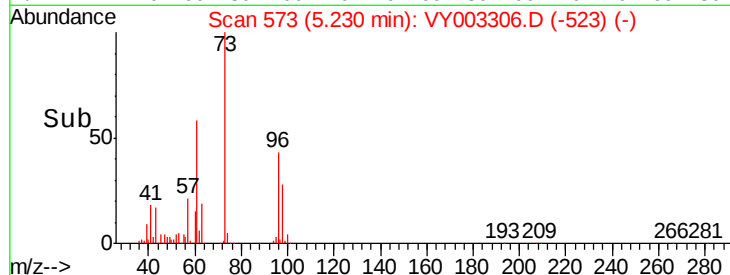
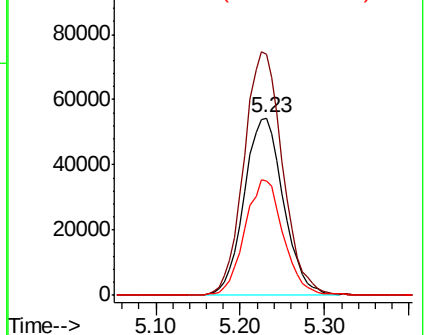


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 60.620 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion: 45 Resp: 585626

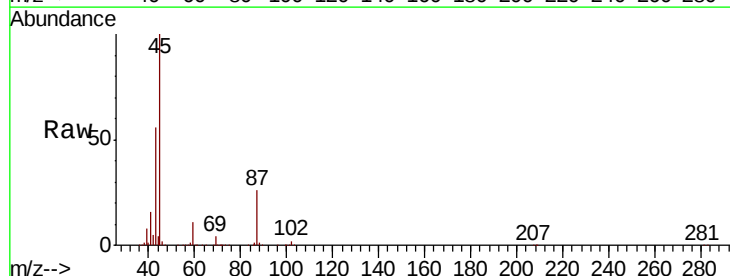
Ion Ratio Lower Upper

45 100

43 55.3 47.0 70.4

87 26.0 22.6 33.8

59 10.4 9.8 14.6



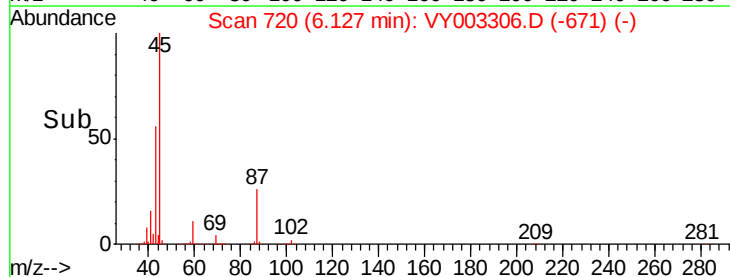
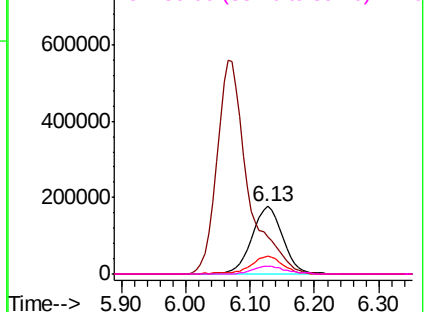
Abundance

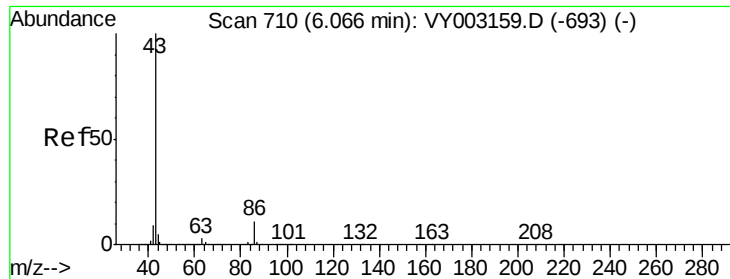
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

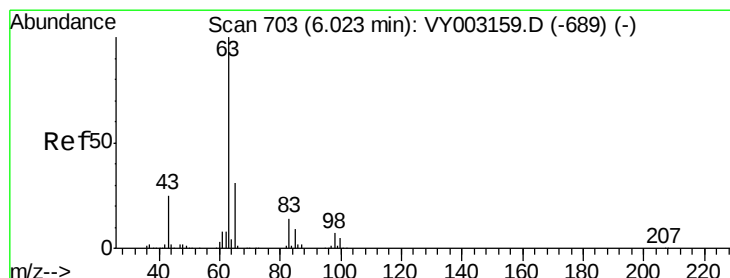
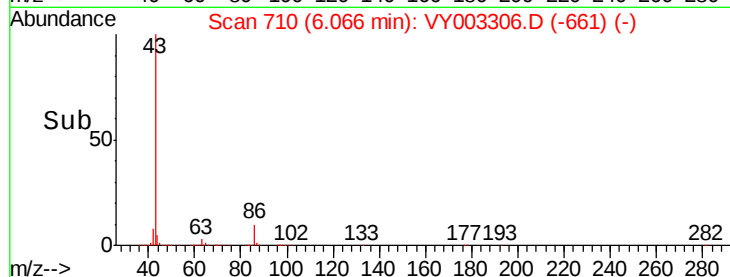
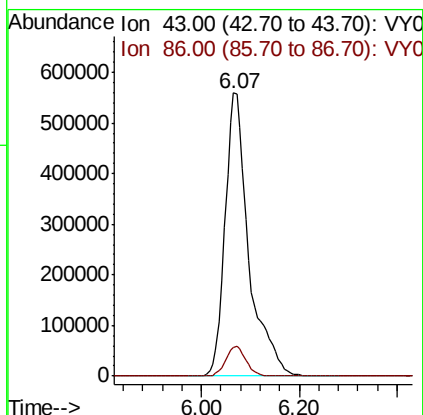
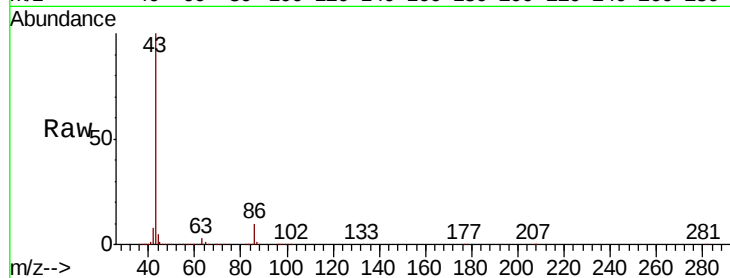




#23
 Vinyl Acetate
 Concen: 291.903 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

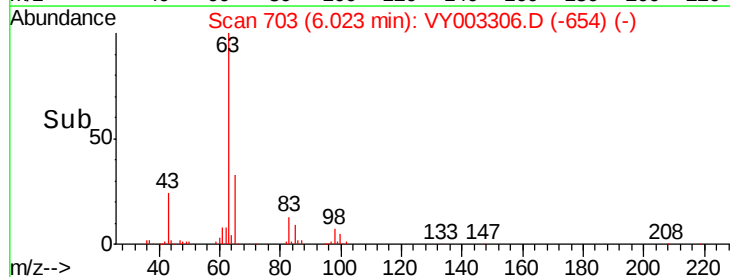
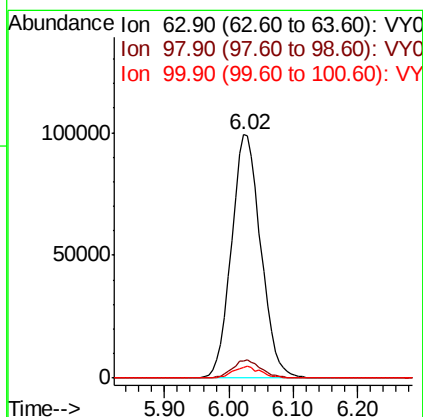
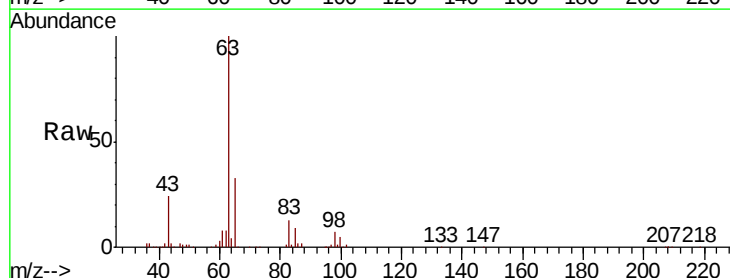
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1879582
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 56.296 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion: 63 Resp: 315082
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.6 2.4 7.2

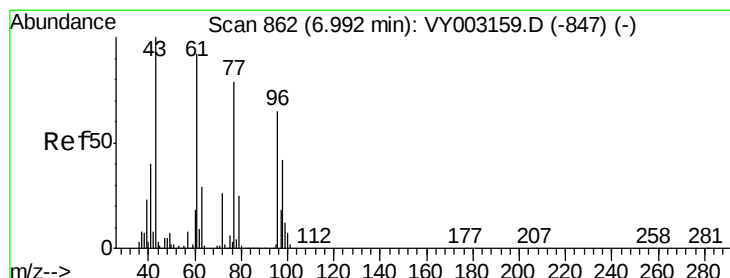
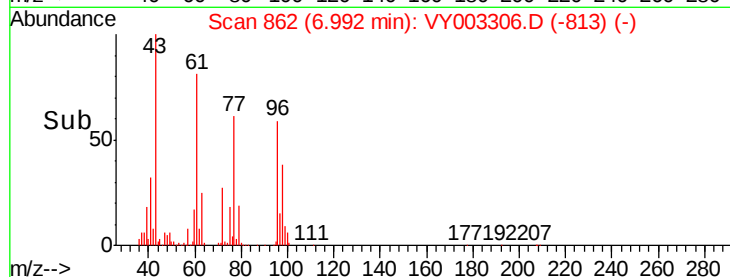
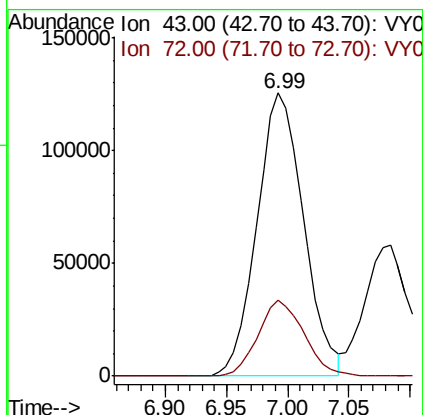
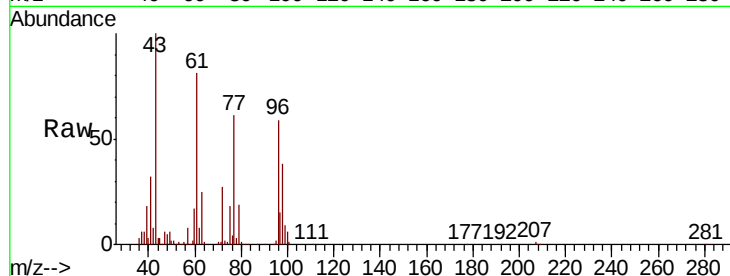




#25
2-Butanone
Concen: 305.776 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

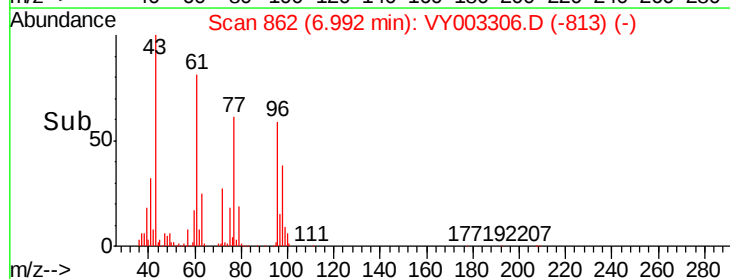
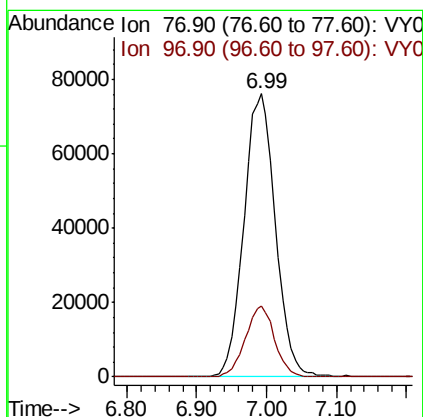
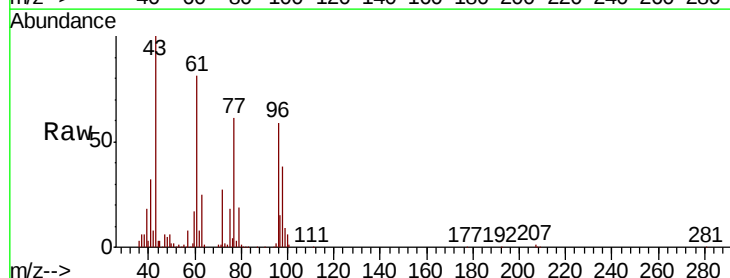
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 333684
Ion Ratio Lower Upper
43 100
72 26.7 20.9 31.3



#26
2,2-Dichloropropane
Concen: 47.148 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 77 Resp: 237647
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7



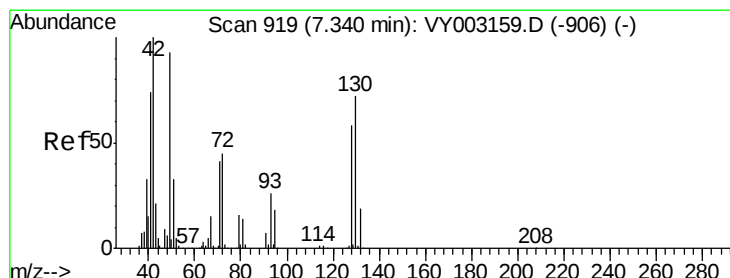
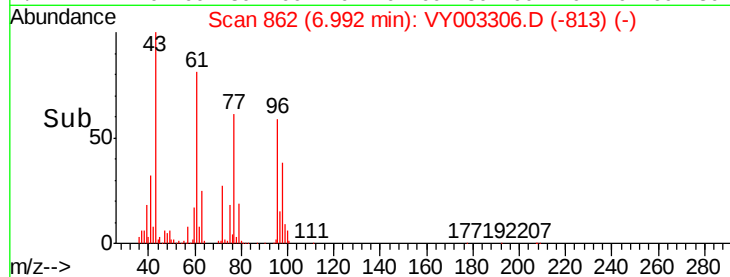
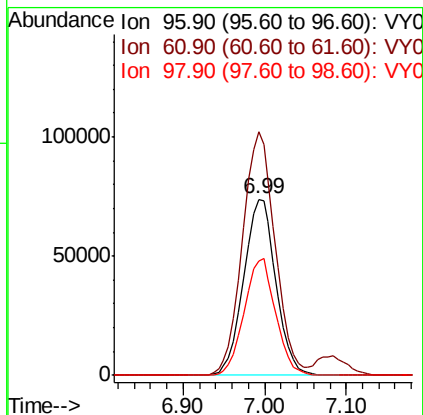
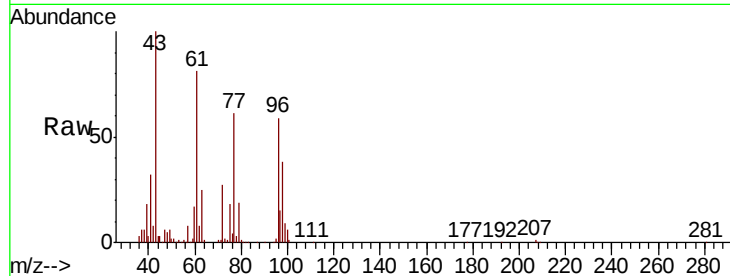


#27

cis-1,2-Dichloroethene
 Concen: 55.649 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

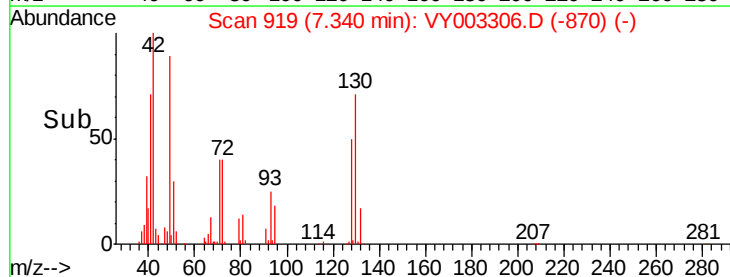
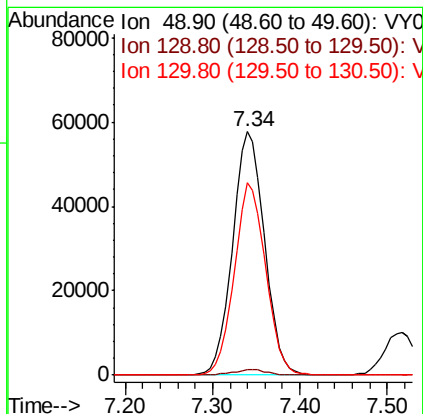
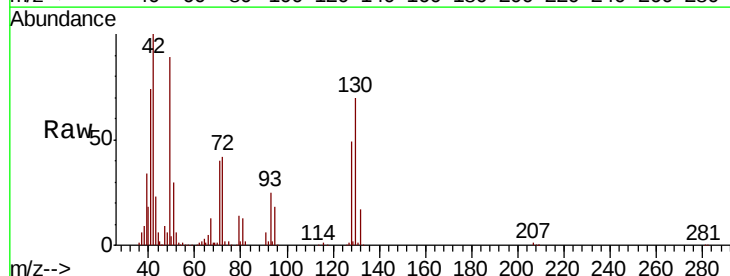
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	281.2
98	64.6	0.0	129.8

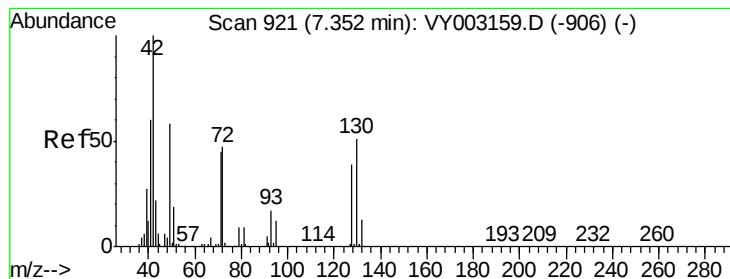


#28

Bromochloromethane
 Concen: 60.476 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	77.5	64.9	97.3





#29

Tetrahydrofuran

Concen: 309.860 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

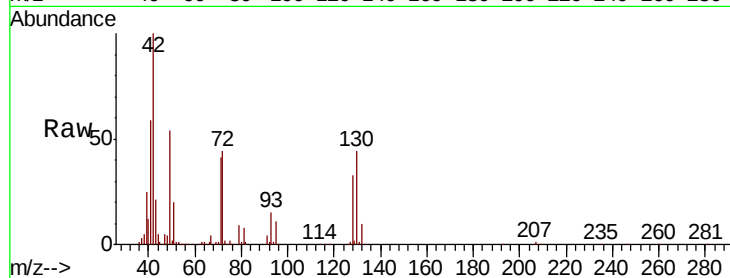
Tot Ion: 42 Resp: 227158

Ion Ratio Lower Upper

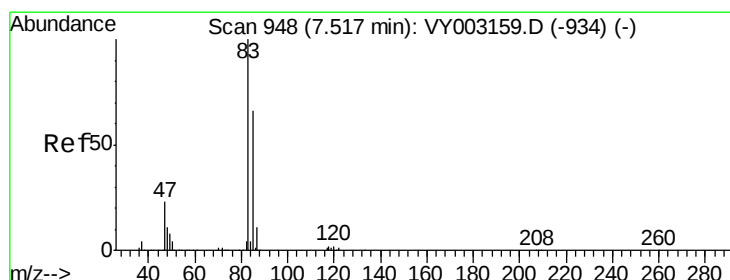
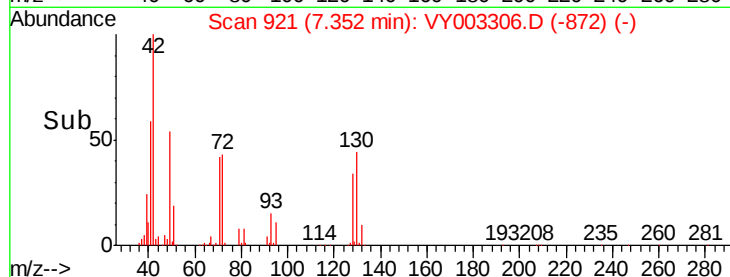
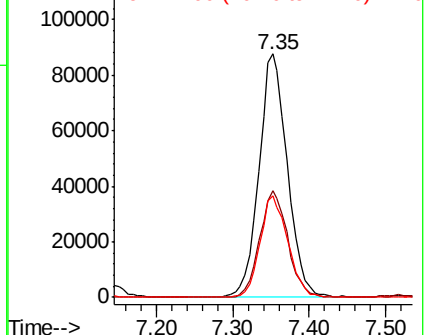
42 100

72 43.2 36.7 55.1

71 40.9 34.2 51.4



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: 56.448 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003306.D

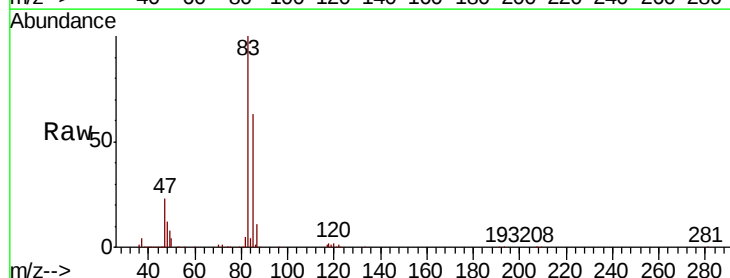
Acq: 22 Jul 2020 22:21

Tgt Ion: 83 Resp: 325394

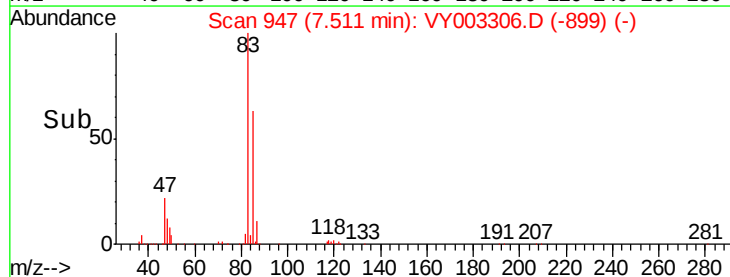
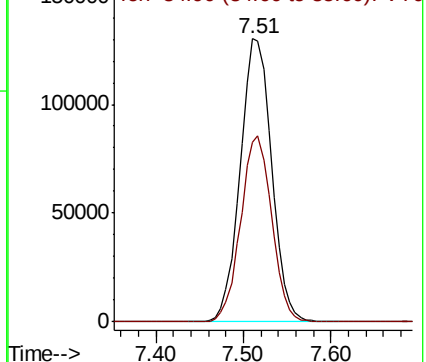
Ion Ratio Lower Upper

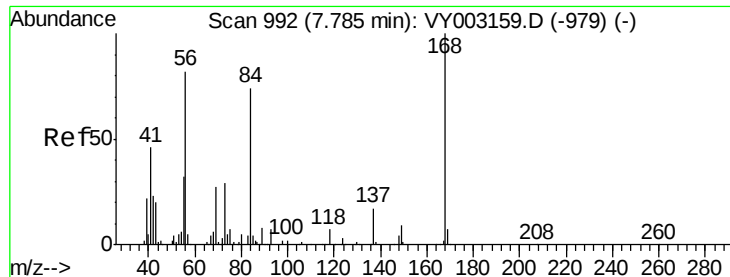
83 100

85 63.4 52.6 78.8



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

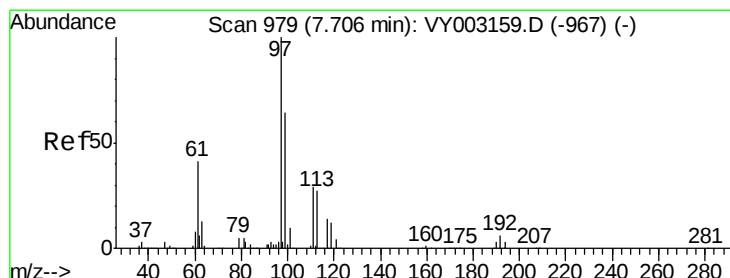
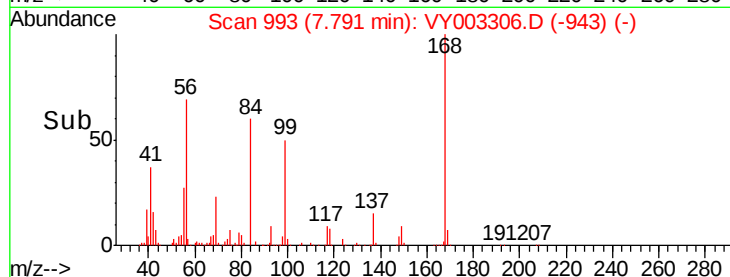
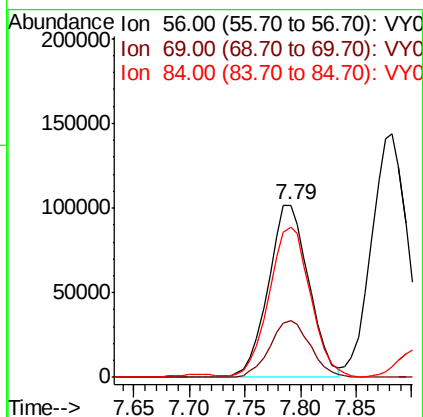
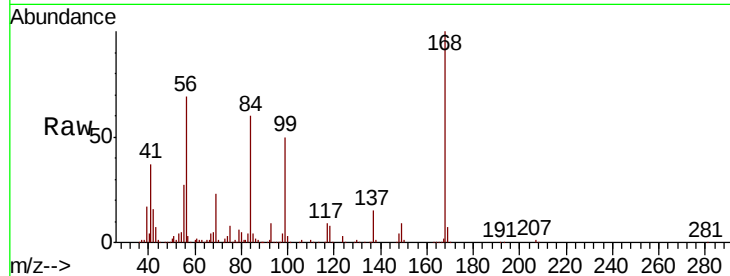




#31
Cyclohexane
Concen: 47.546 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

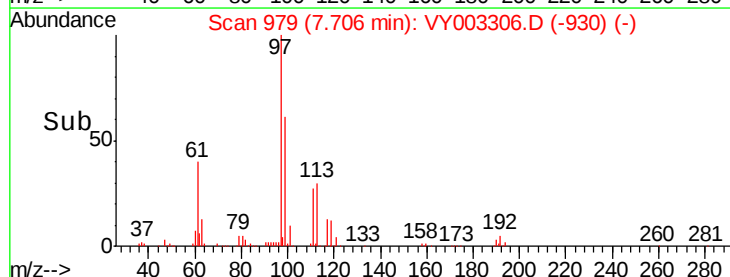
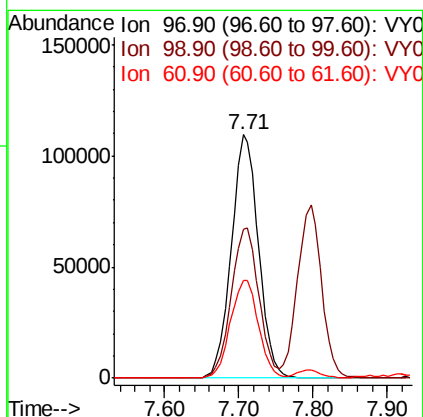
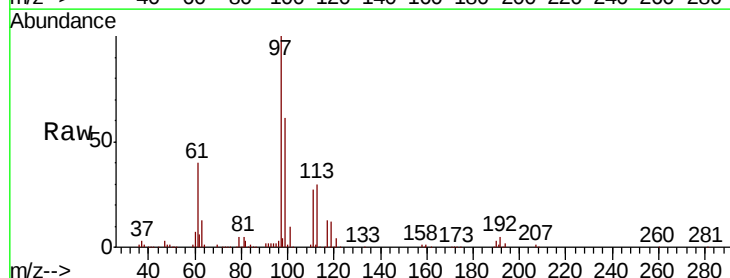
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

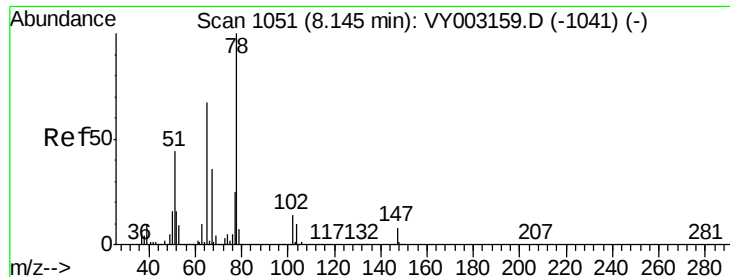
Tot Ion: 56 Resp: 257324
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 85.5 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 53.803 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 97 Resp: 279211
Ion Ratio Lower Upper
97 100
99 63.0 52.1 78.1
61 41.6 33.9 50.9





#33

1,2-Dichloroethane-d4

Concen: 55.603 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

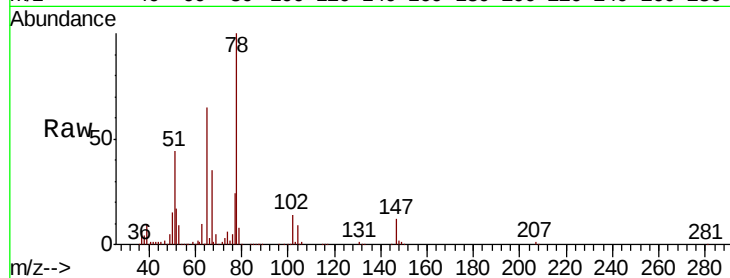
VSTDCCC050EC

Tot Ion: 65 Resp: 165447

Ion Ratio Lower Upper

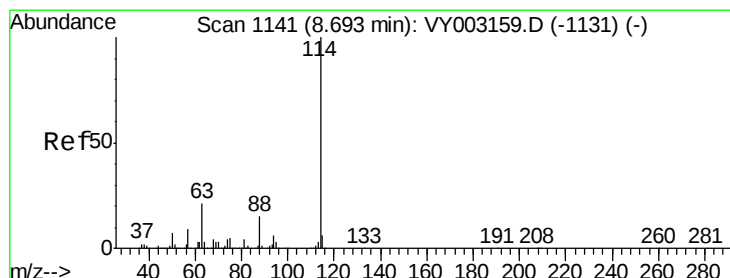
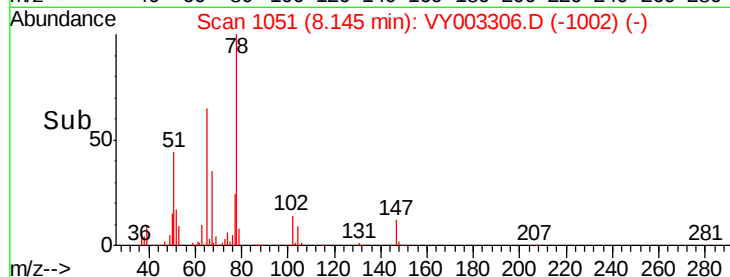
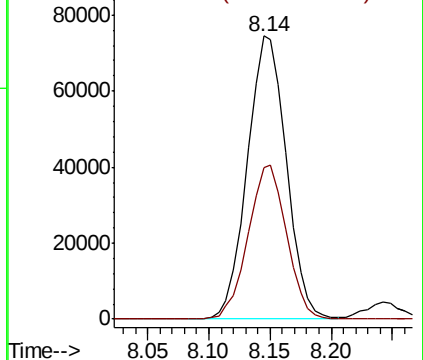
65 100

67 53.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

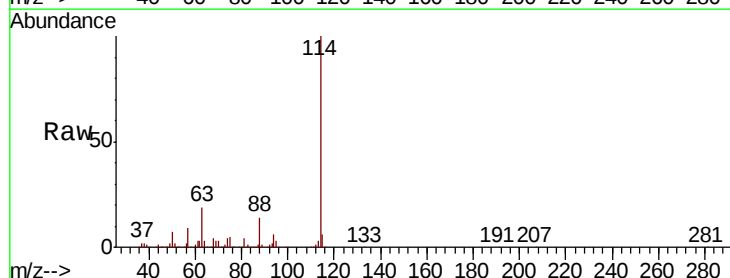
Tgt Ion: 114 Resp: 547287

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.2

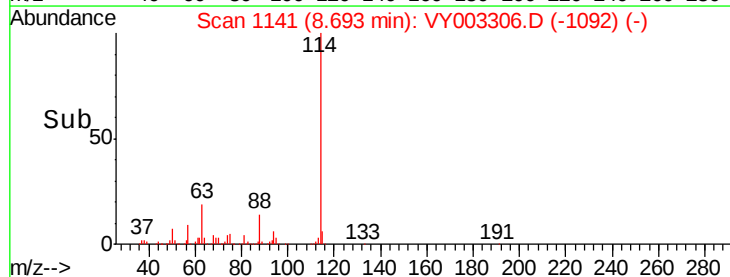
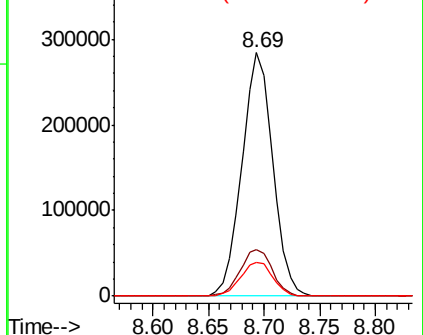
88 13.9 0.0 30.2

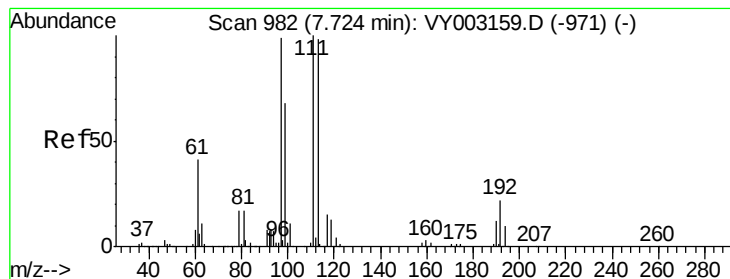


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 49.908 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

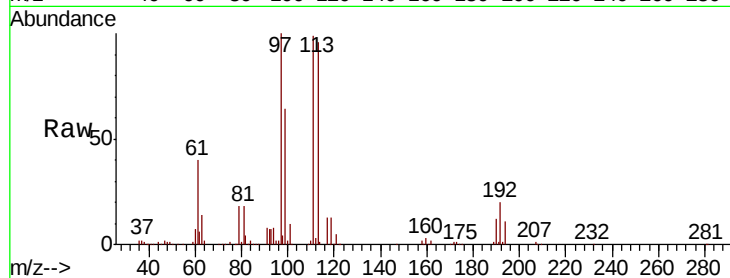
Tot Ion:113 Resp: 157186

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

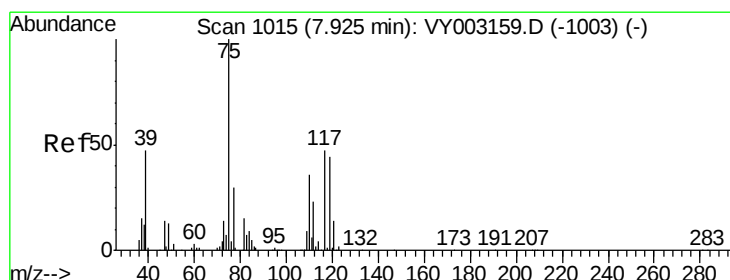
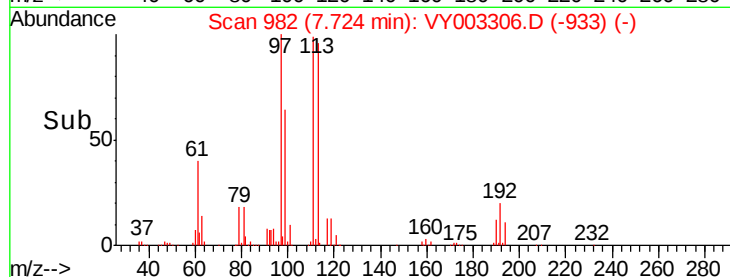
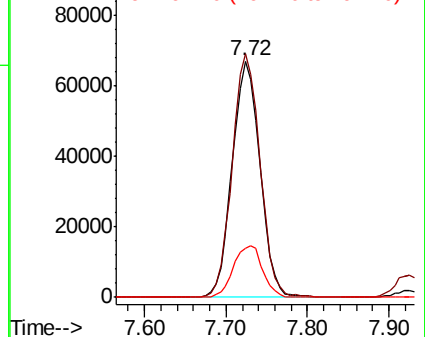
192 22.7 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.431 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

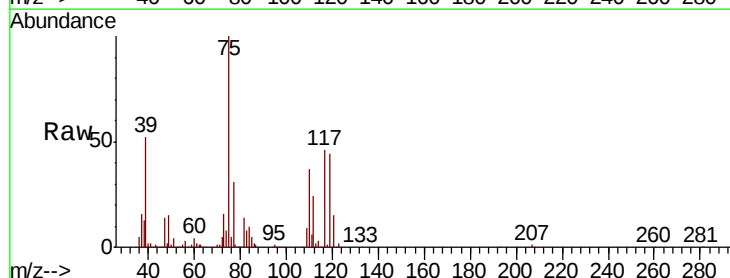
Tgt Ion: 75 Resp: 240227

Ion Ratio Lower Upper

75 100

110 34.6 18.1 54.1

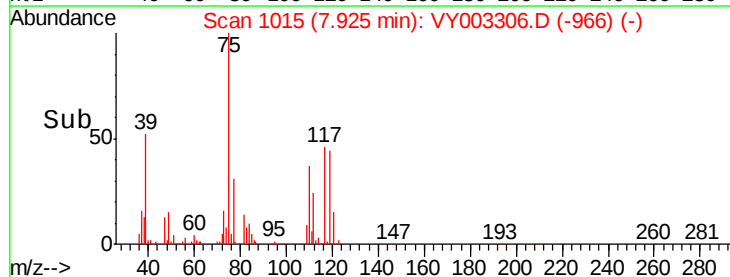
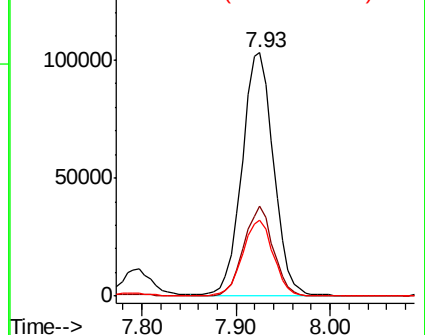
77 30.6 24.8 37.2

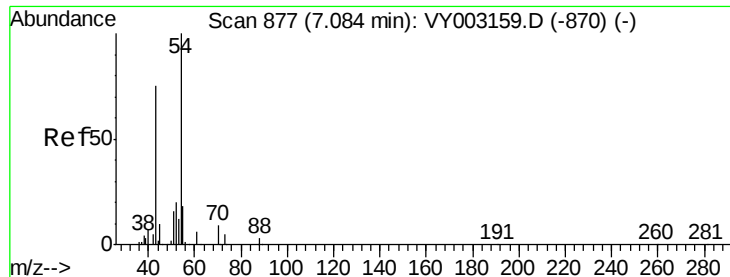


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

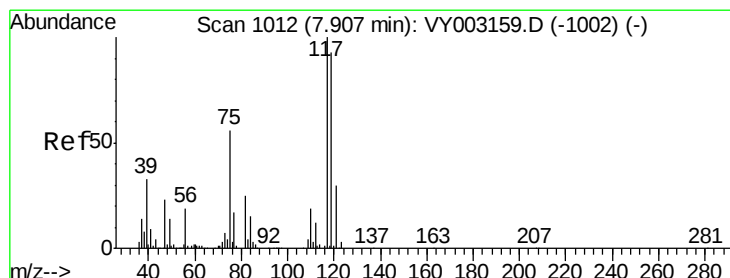
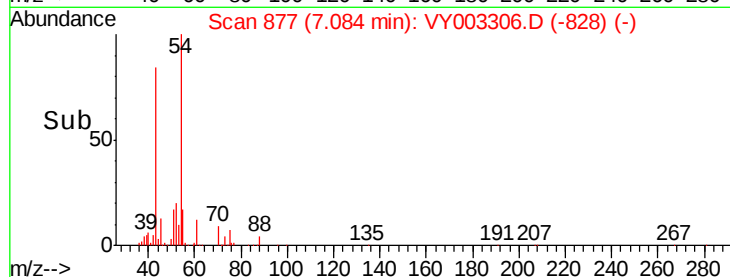
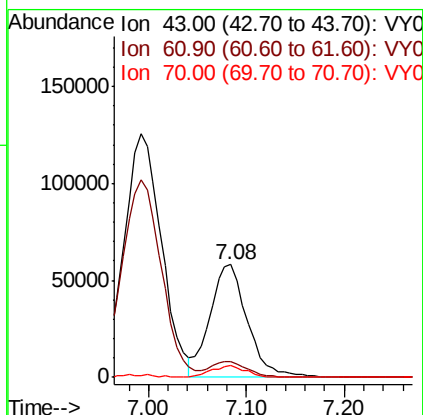
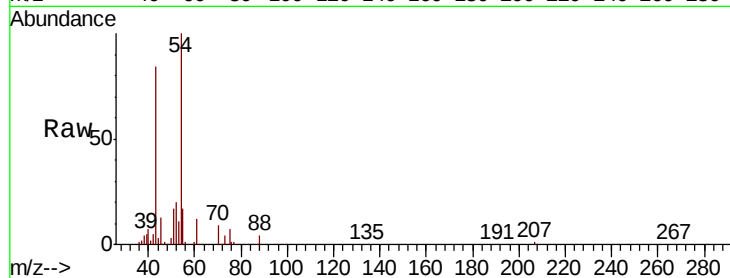




#37
Ethyl Acetate
Concen: 57.461 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

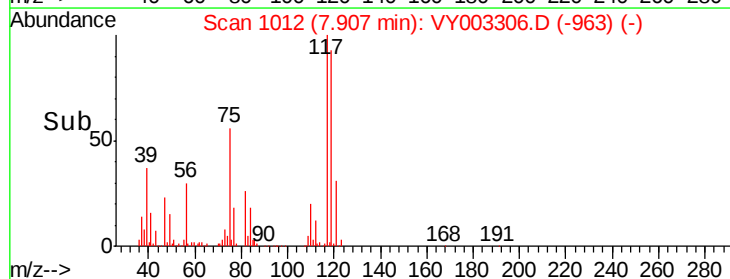
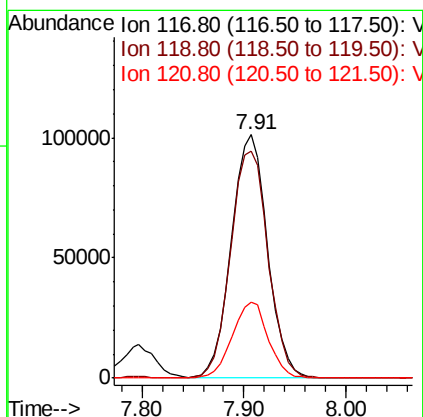
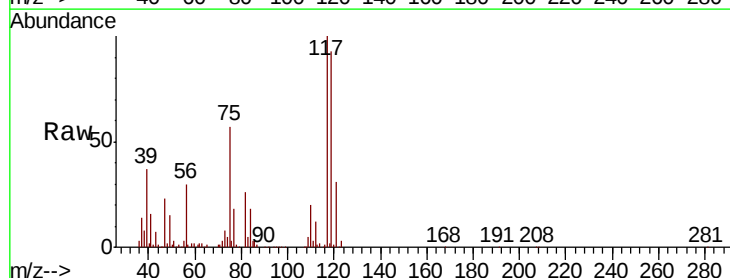
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

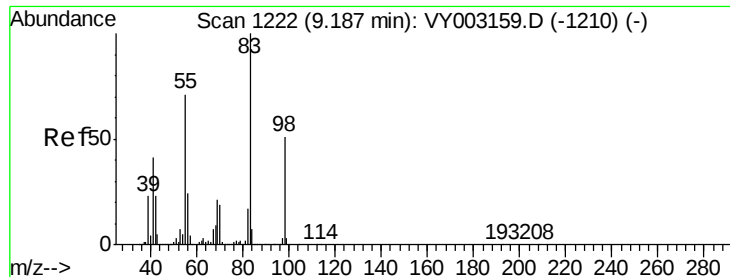
Tot Ion: 43 Resp: 153491
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.554 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 117 Resp: 248629
Ion Ratio Lower Upper
117 100
119 93.3 74.5 111.7
121 31.3 24.2 36.2

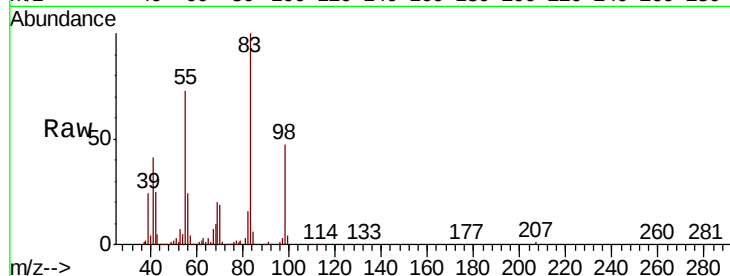




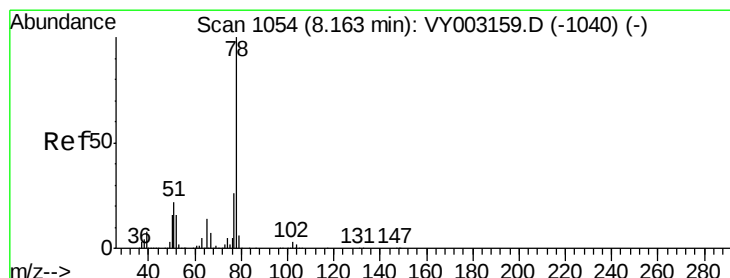
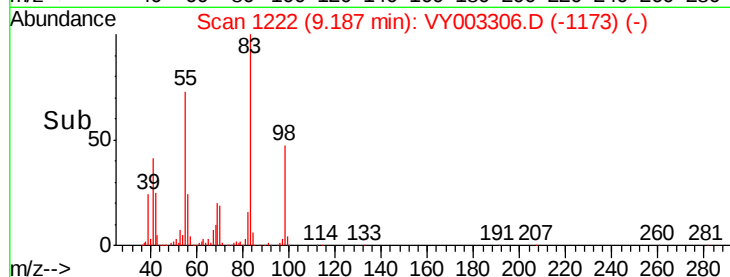
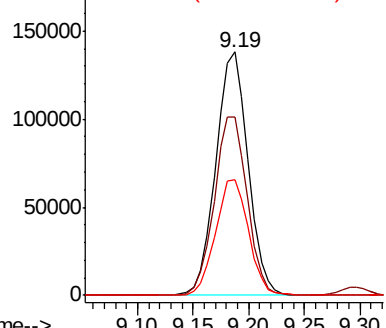
#39
Methvlcvclohexane
Concen: 44.615 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 278004
Ion Ratio Lower Upper
83 100
55 73.1 57.2 85.8
98 47.4 41.0 61.6

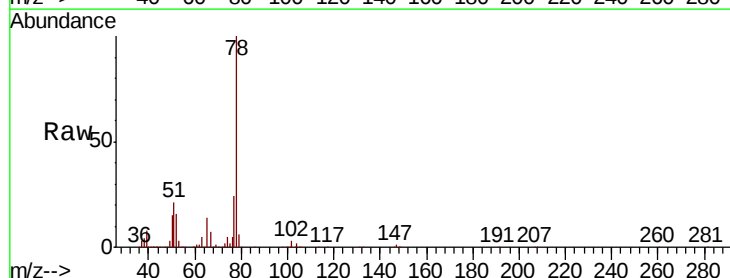


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

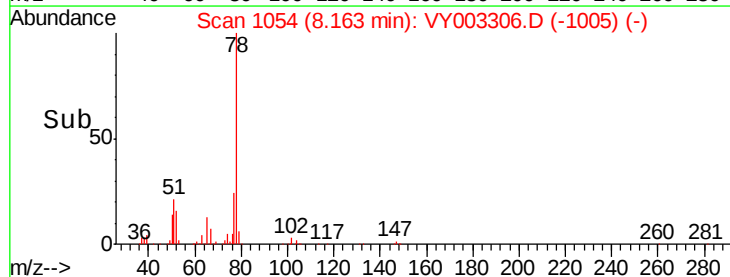
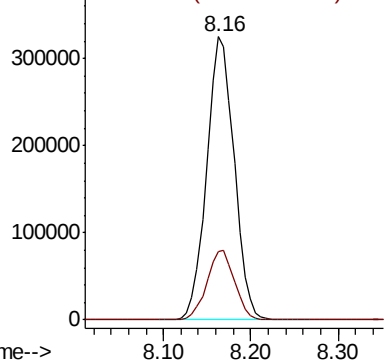


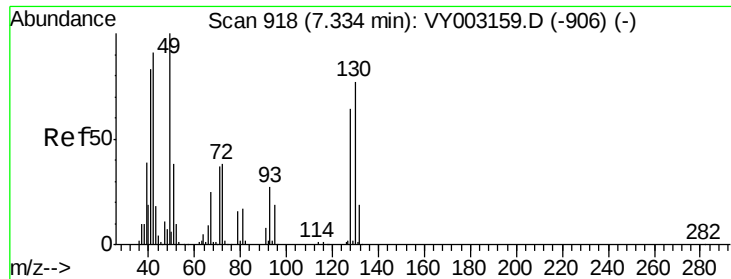
#40
Benzene
Concen: 51.942 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 78 Resp: 709419
Ion Ratio Lower Upper
78 100
77 24.3 20.7 31.1



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

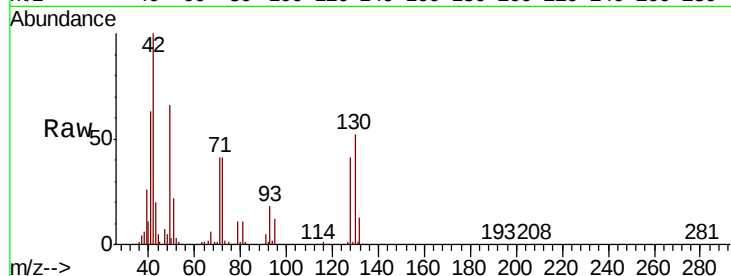




#41
Methacrylonitrile
Concen: 130.319 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.3	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



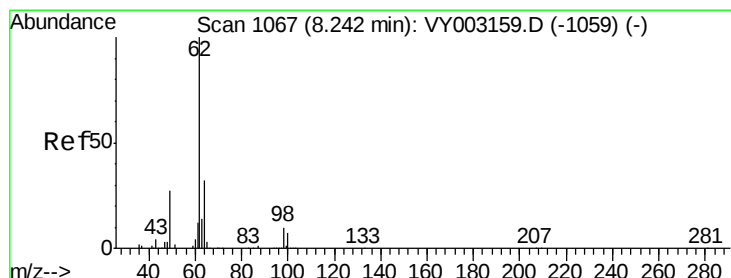
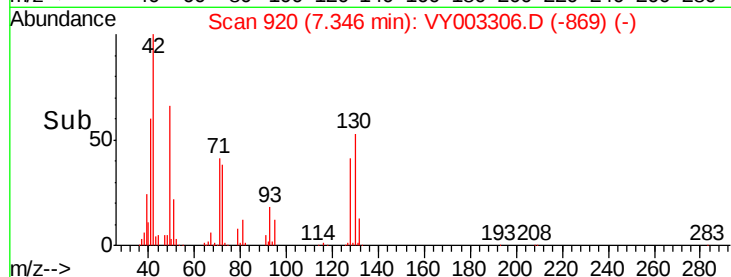
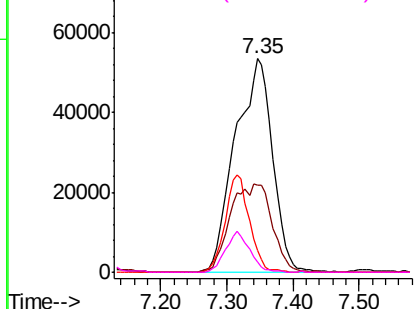
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

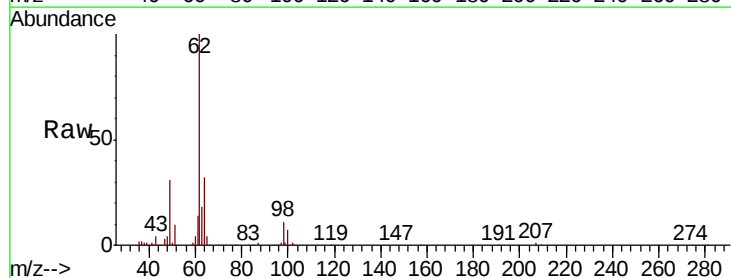
Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42
1,2-Dichloroethane
Concen: 52.185 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

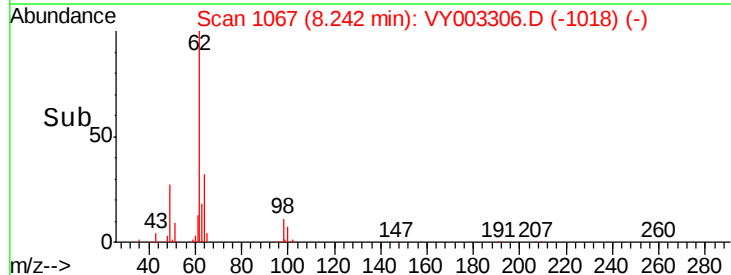
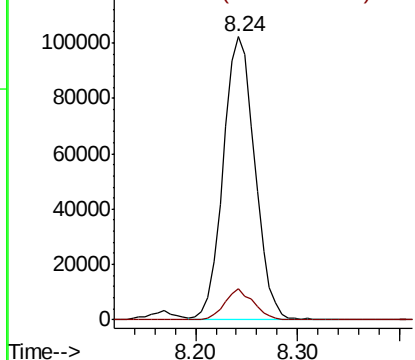
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0

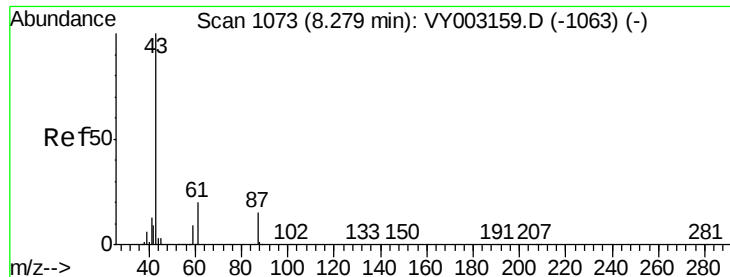


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 56.478 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

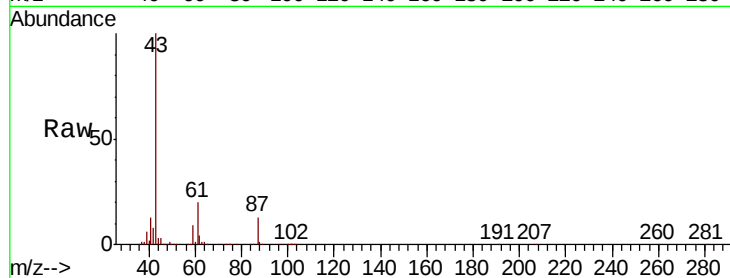
Tot Ion: 43 Resp: 292021

Ion Ratio Lower Upper

43 100

61 28.9 23.7 35.5

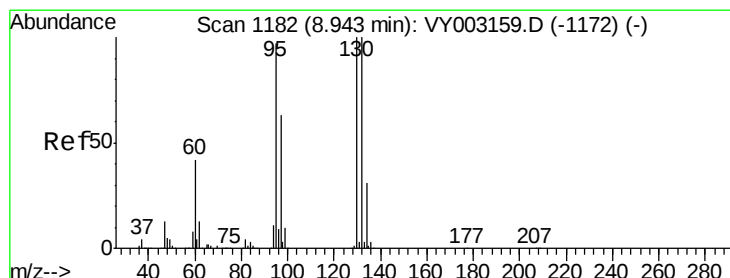
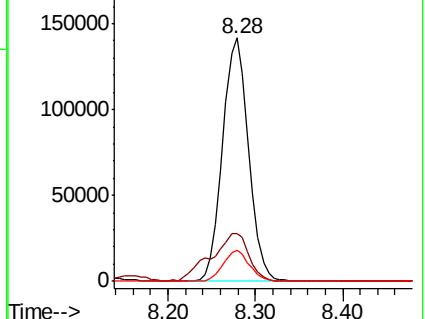
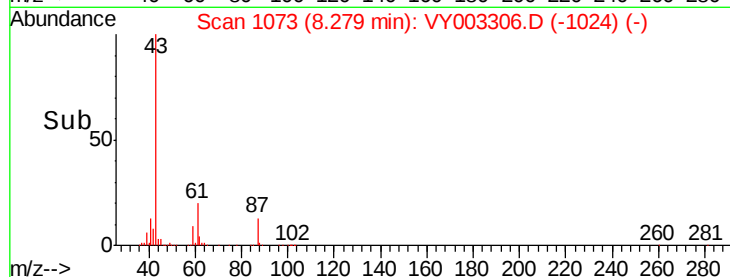
87 12.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003306.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003306.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003306.D (-1024) (-)



#44

Trichloroethene

Concen: 47.336 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003306.D

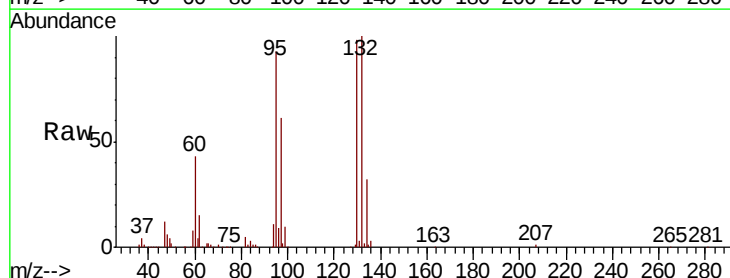
Acq: 22 Jul 2020 22:21

Tgt Ion:130 Resp: 198188

Ion Ratio Lower Upper

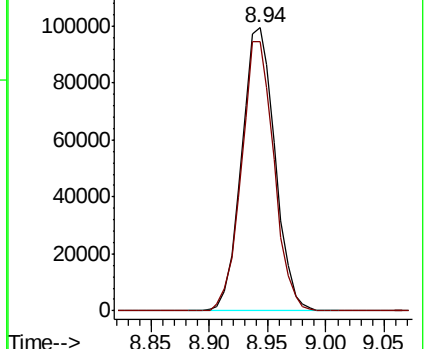
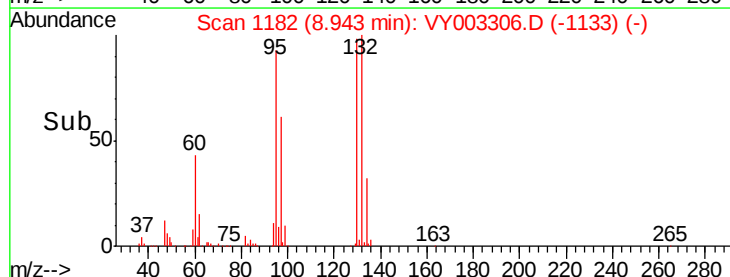
130 100

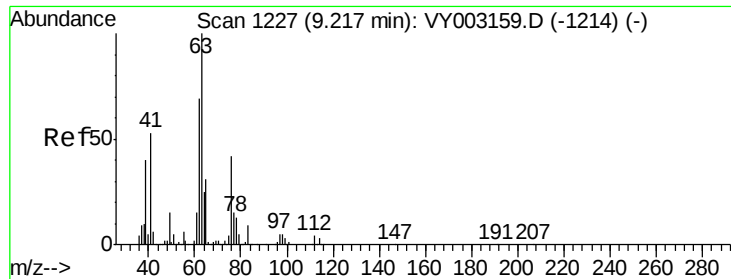
95 95.0 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003306.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003306.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 53.481 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

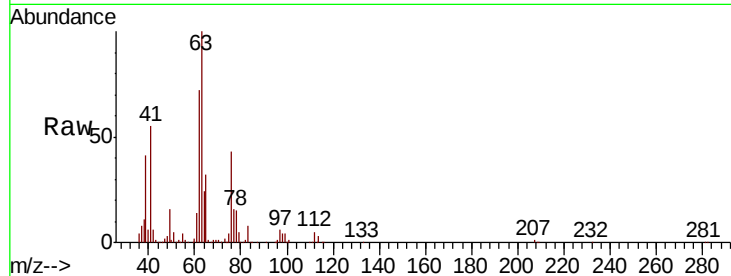
VSTDCCC050EC

Tot Ion: 63 Resp: 189003

Ion Ratio Lower Upper

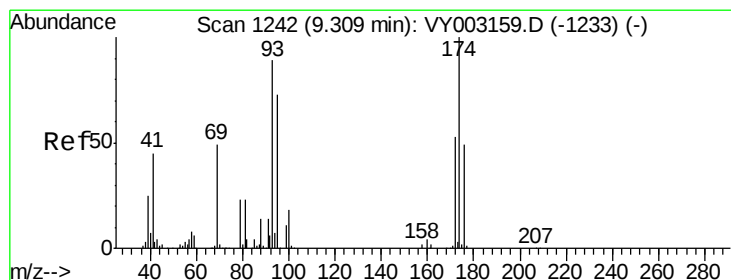
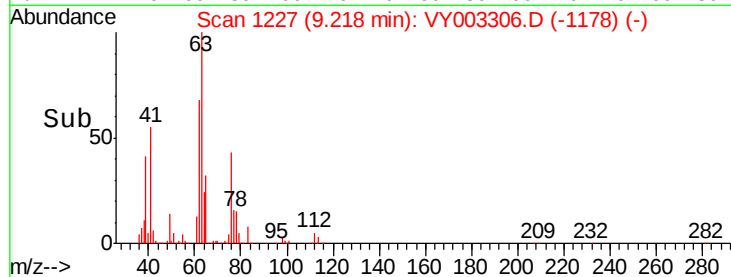
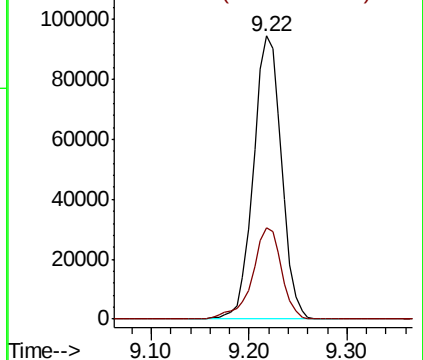
63 100

65 32.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.532 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

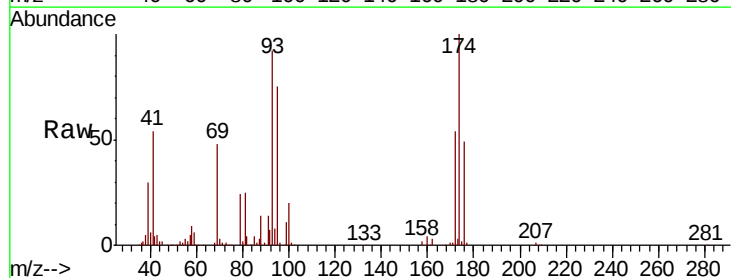
Tgt Ion: 93 Resp: 106368

Ion Ratio Lower Upper

93 100

95 84.6 66.6 99.8

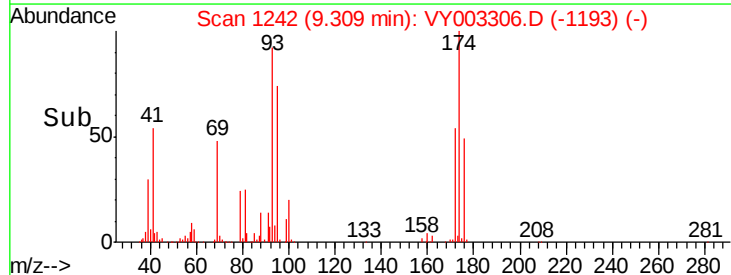
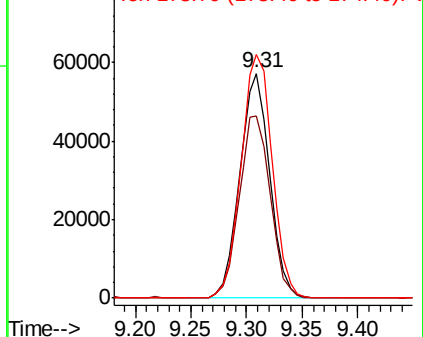
174 113.3 90.2 135.4

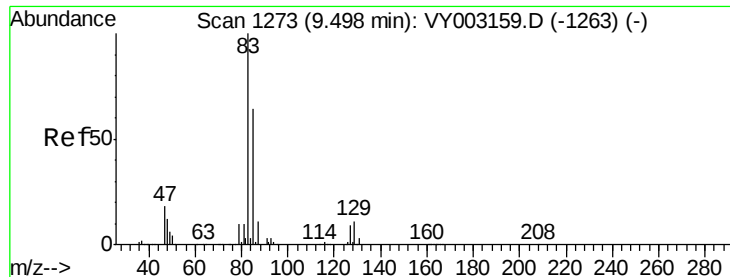


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.528 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

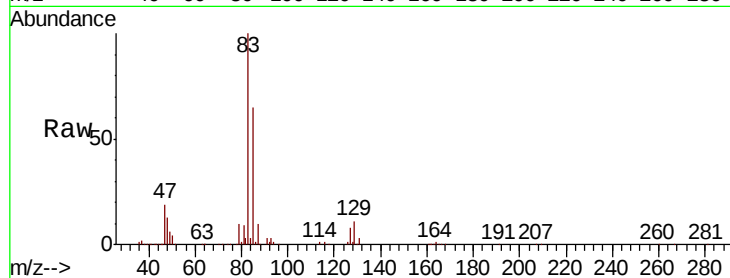
Tot Ion: 83 Resp: 262777

Ion Ratio Lower Upper

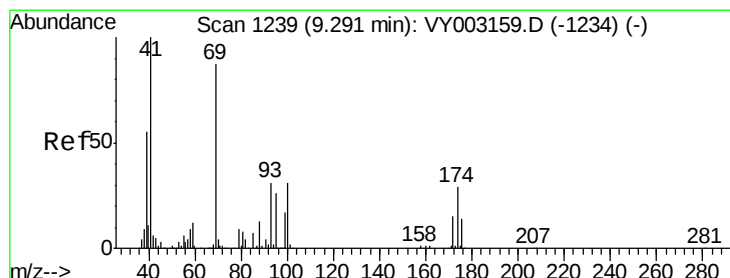
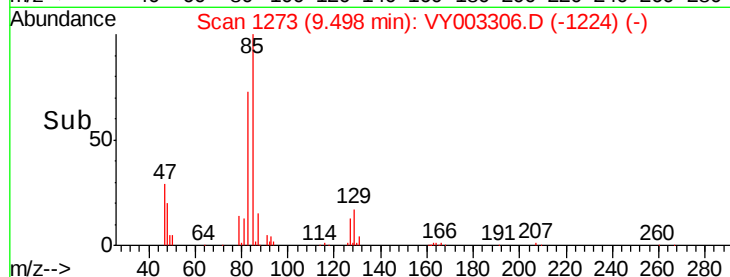
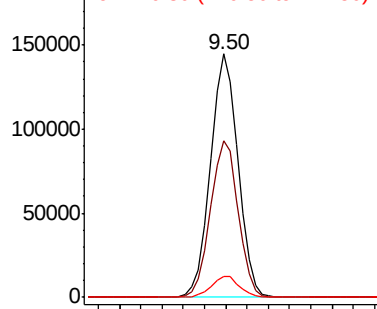
83 100

85 64.5 50.9 76.3

127 8.4 7.0 10.4



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): V



#48

Methyl methacrylate

Concen: 56.209 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

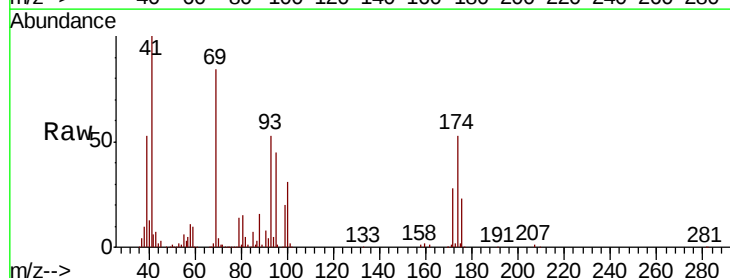
Tgt Ion: 41 Resp: 129929

Ion Ratio Lower Upper

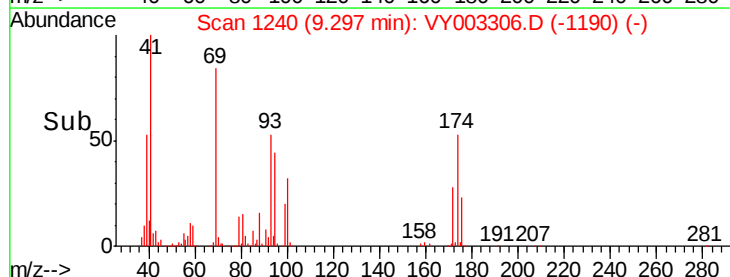
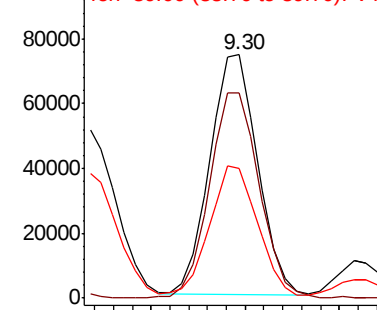
41 100

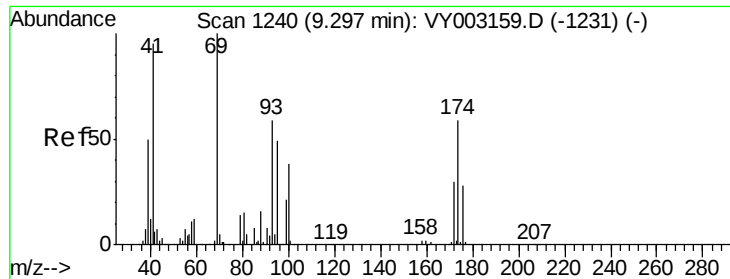
69 89.1 74.5 111.7

39 56.5 47.5 71.3



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

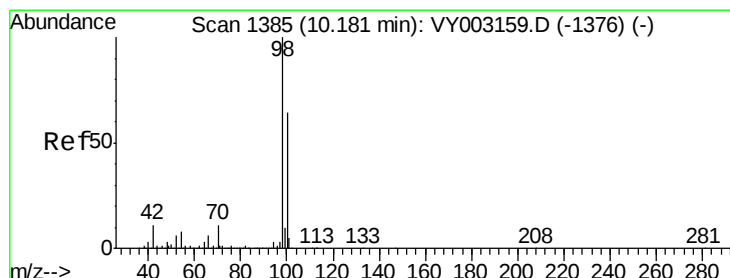
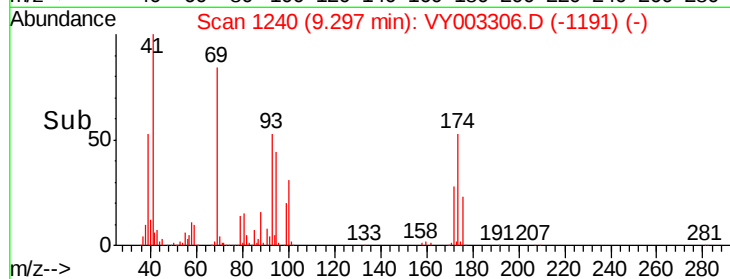
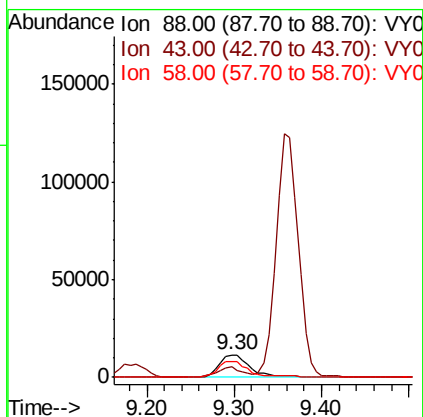
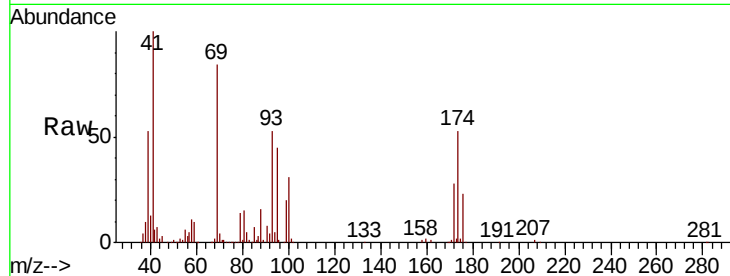




#49
 1,4-Dioxane
 Concen: 1114.902 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

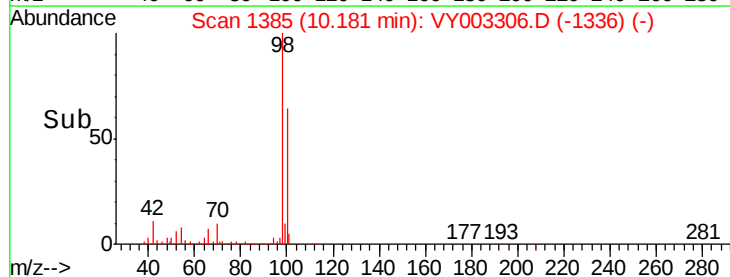
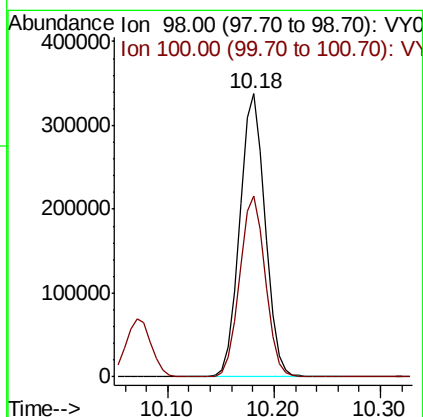
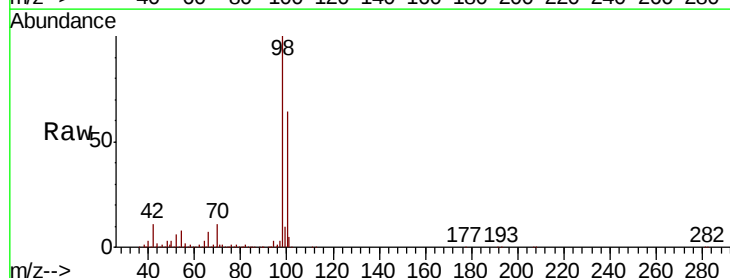
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

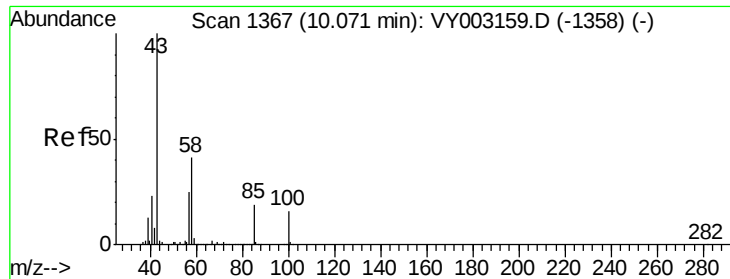
Tot Ion: 88 Resp: 29207
 Ion Ratio Lower Upper
 88 100
 43 34.0 25.6 38.4
 58 66.3 47.8 71.6



#50
 Toluene-d8
 Concen: 48.302 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion: 98 Resp: 565586
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.7 76.1

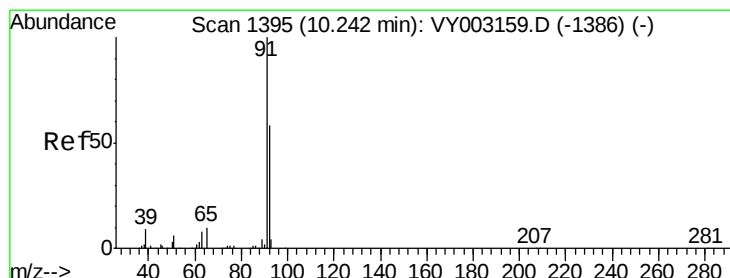
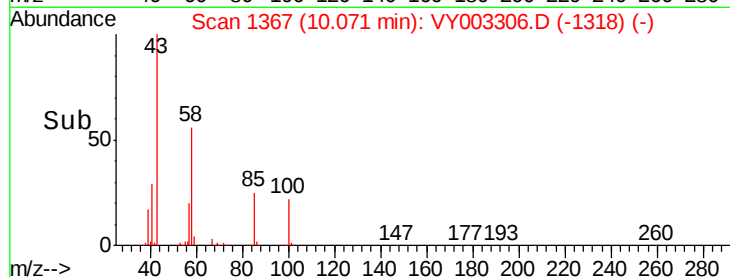
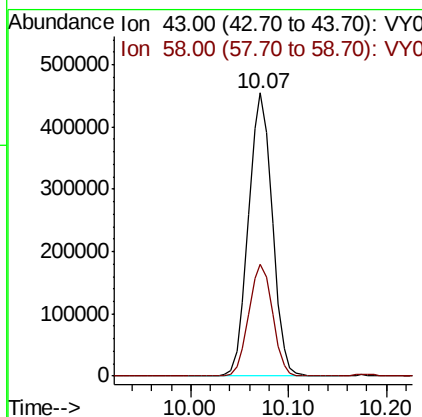
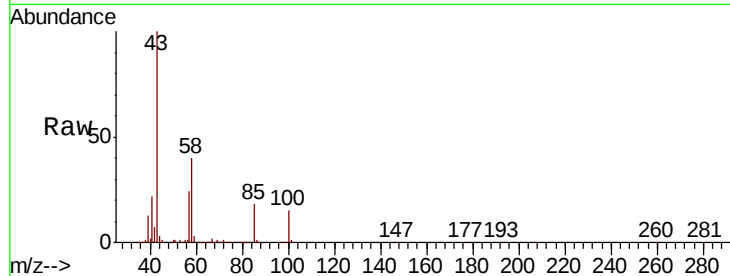




#51
4-Methyl-2-Pentanone
Concen: 286.820 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

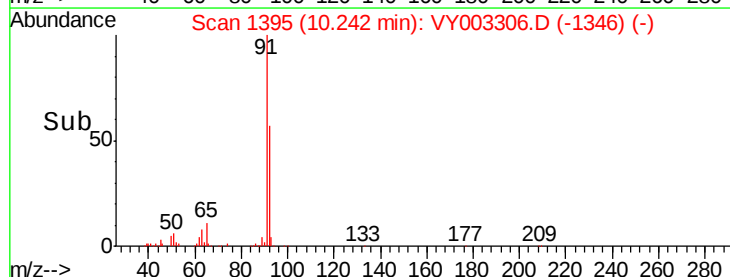
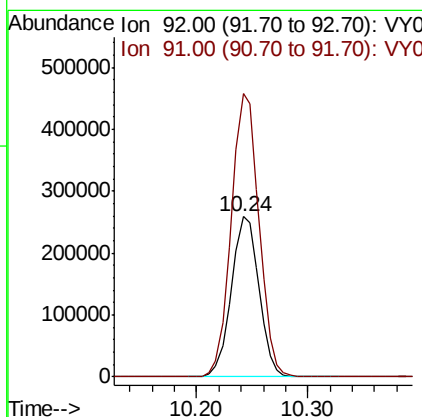
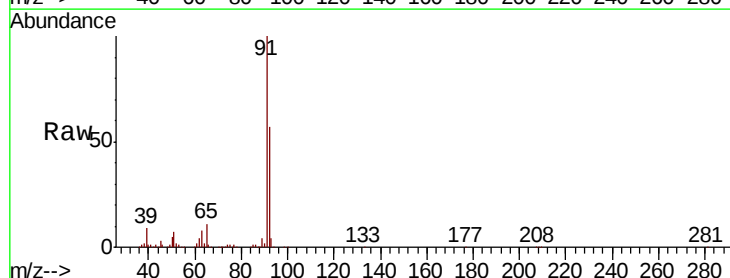
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

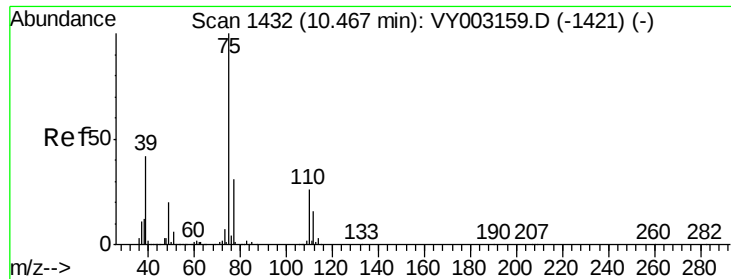
Tot Ion: 43 Resp: 770823
Ion Ratio Lower Upper
43 100
58 39.6 32.7 49.1



#52
Toluene
Concen: 50.829 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 92 Resp: 443721
Ion Ratio Lower Upper
92 100
91 177.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 52.225 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

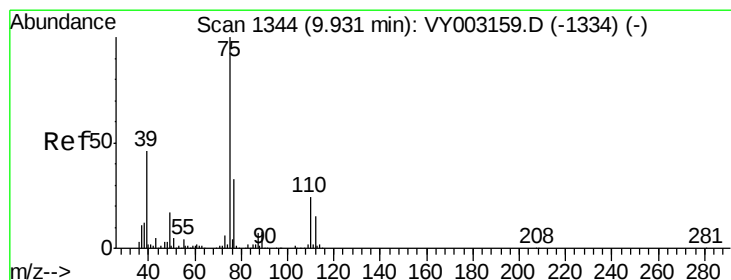
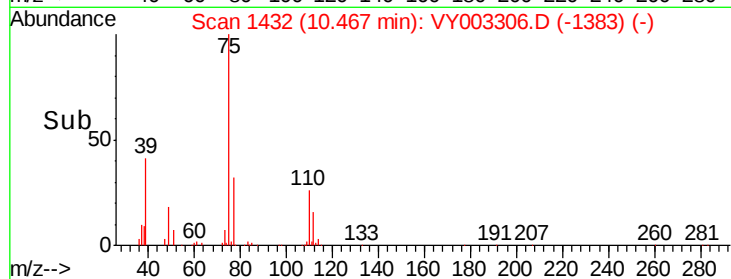
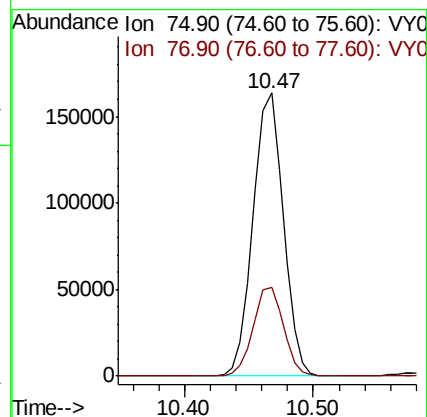
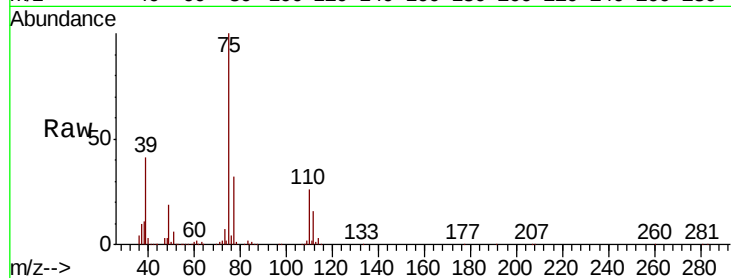
VSTDCCC050EC

Tot Ion: 75 Resp: 265631

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.022 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

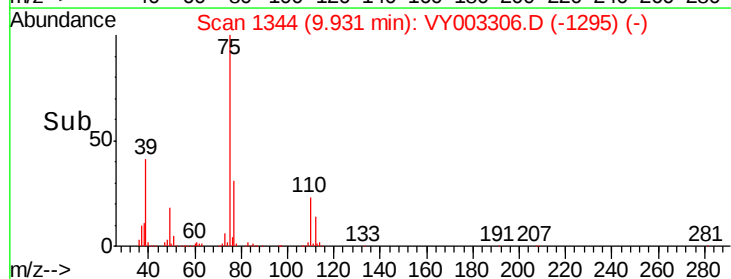
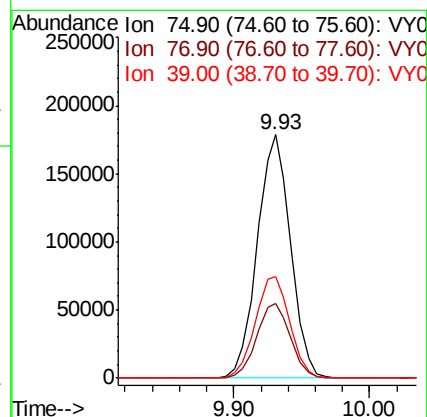
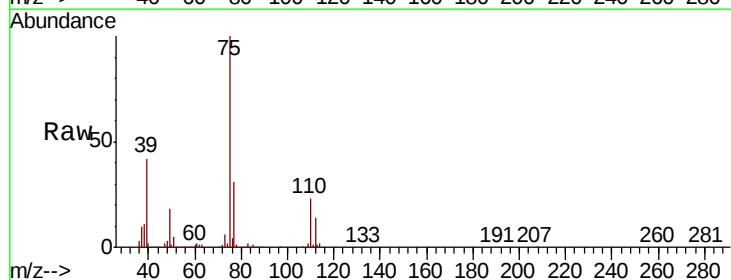
Tgt Ion: 75 Resp: 304867

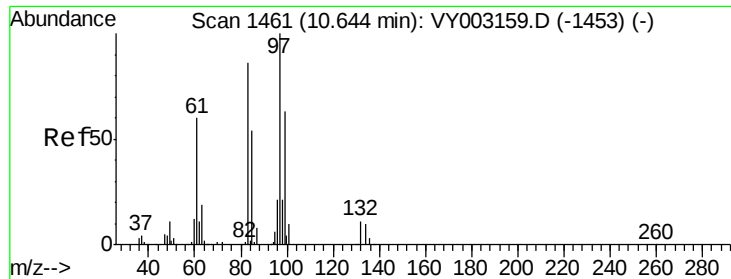
Ion Ratio Lower Upper

75 100

77 30.7 26.7 40.1

39 41.5 37.0 55.6

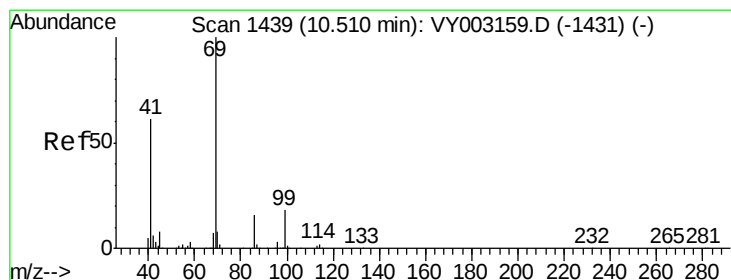
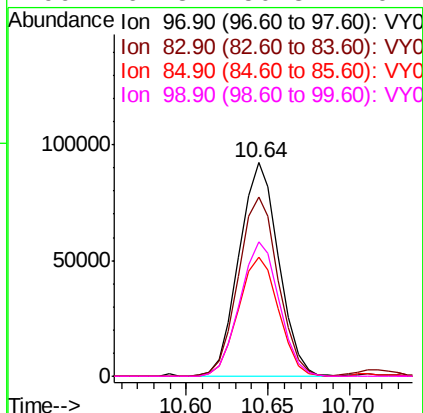
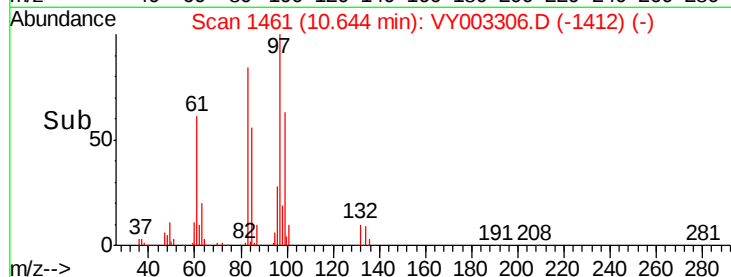
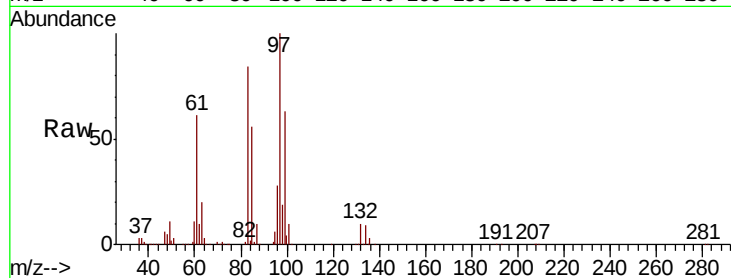




#55
 1,1,2-Trichloroethane
 Concen: 53.468 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

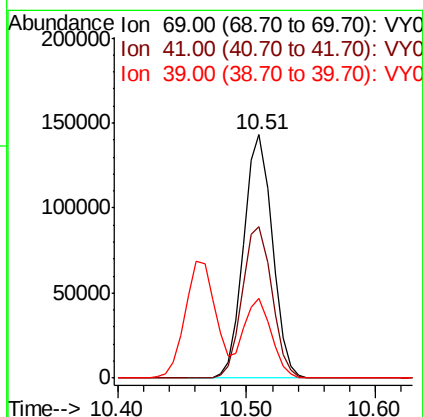
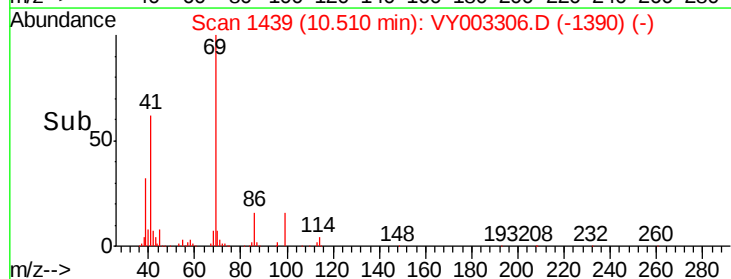
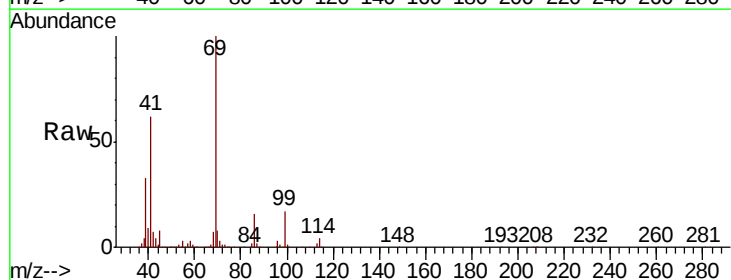
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

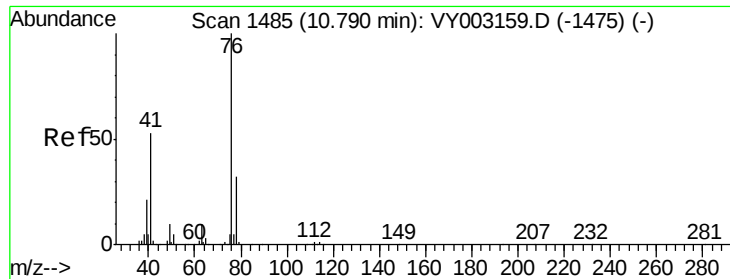
Tot Ion:	97	Resp:	156388
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.8	103.2
85	55.6	43.1	64.7
99	62.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 55.377 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion:	69	Resp:	220207
Ion	Ratio	Lower	Upper
69	100		
41	63.9	50.0	75.0
39	32.3	27.6	41.4





#57

1,3-Dichloropropane

Concen: 53.905 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

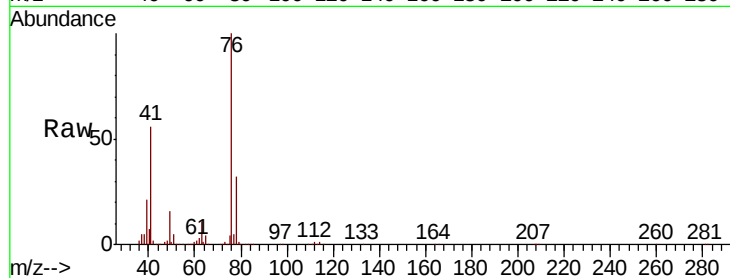
VSTDCCC050EC

Tot Ion: 76 Resp: 267335

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

150000

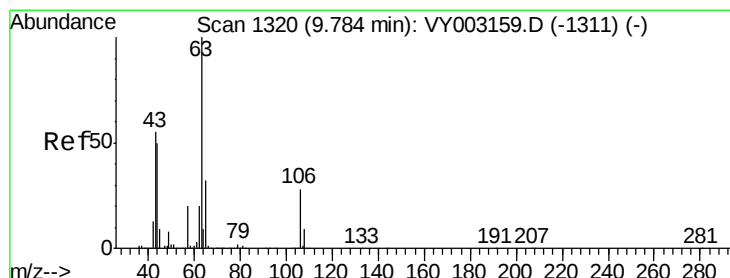
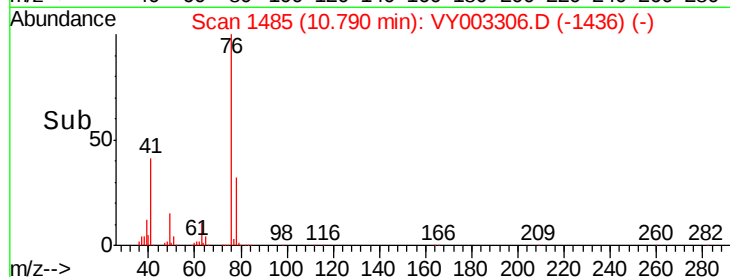
100000

50000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 301.401 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003306.D

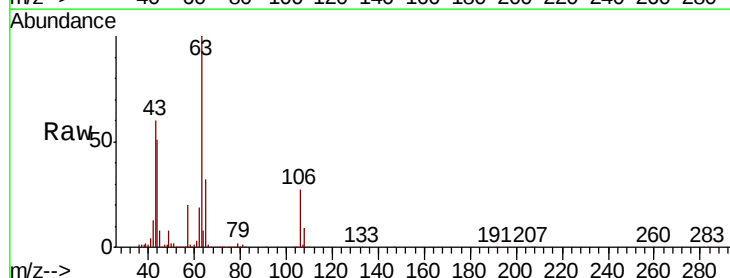
Acq: 22 Jul 2020 22:21

Tgt Ion: 63 Resp: 611250

Ion Ratio Lower Upper

63 100

106 26.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

300000

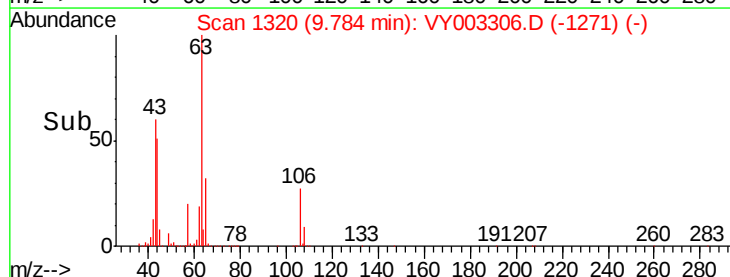
200000

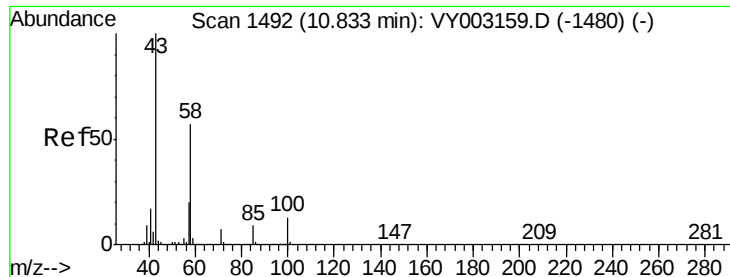
100000

0

Time-->

9.70 9.75 9.80 9.85 9.90

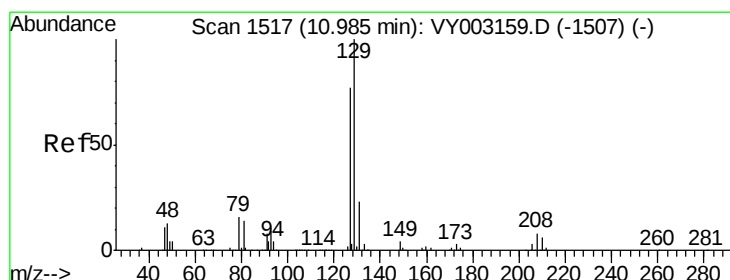
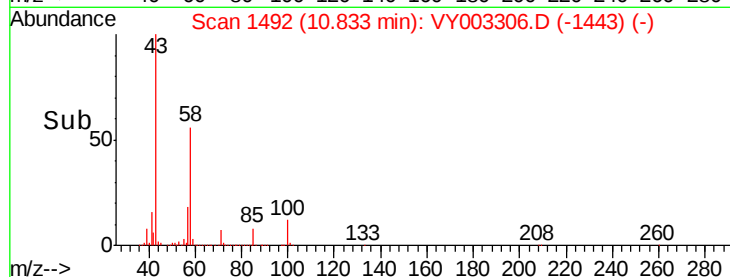
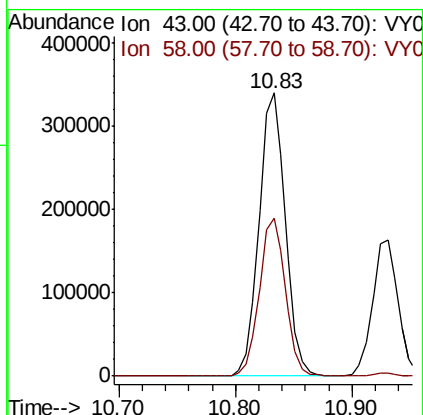
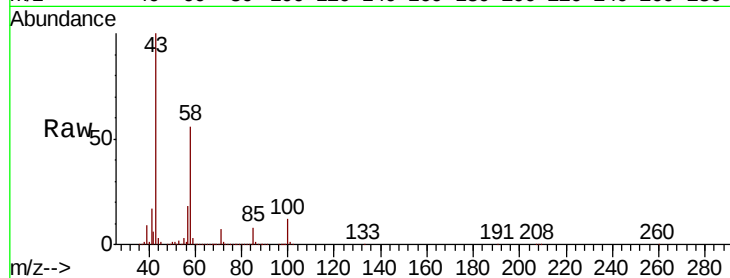




#59
2-Hexanone
Concen: 285.254 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

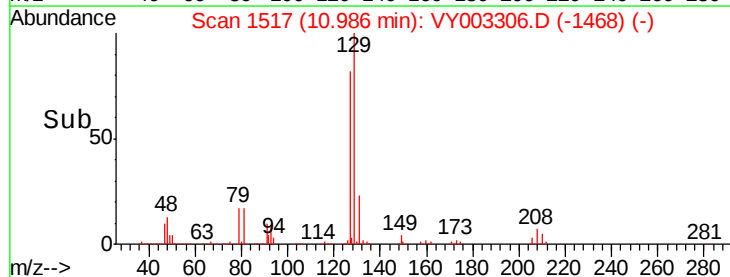
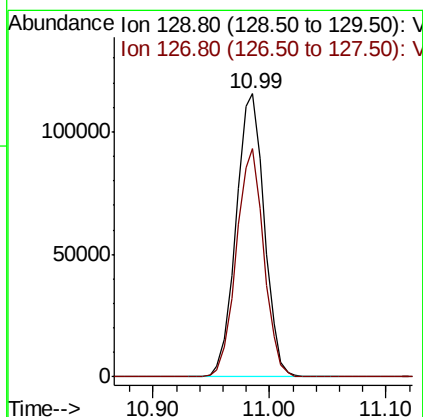
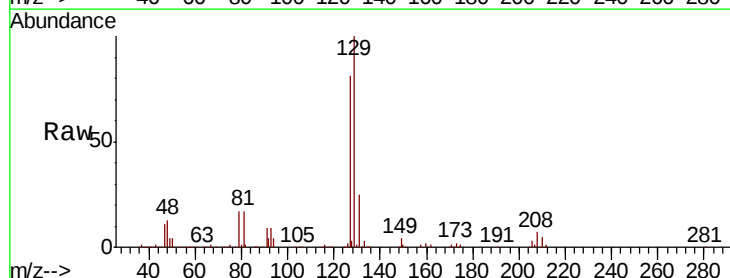
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

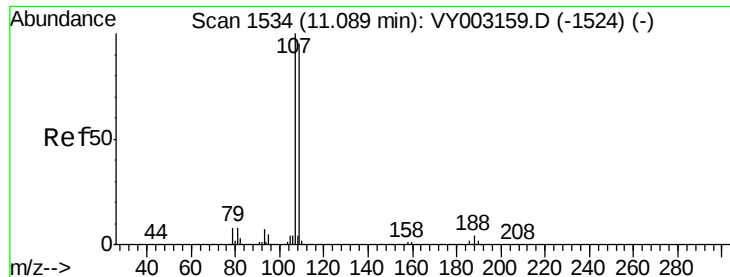
Tot Ion: 43 Resp: 535153
Ion Ratio Lower Upper
43 100
58 55.4 28.3 85.0



#60
Dibromochloromethane
Concen: 53.186 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 129 Resp: 195663
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.949 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

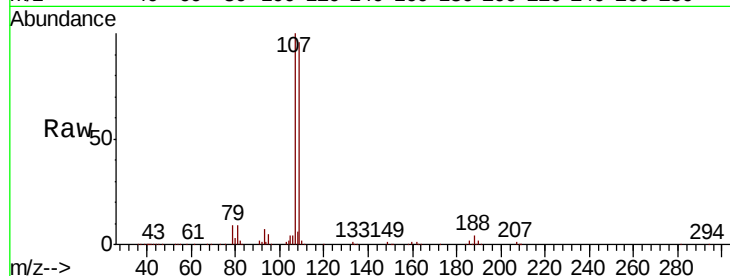
VSTDCCC050EC

Tot Ion:107 Resp: 147078

Ion Ratio Lower Upper

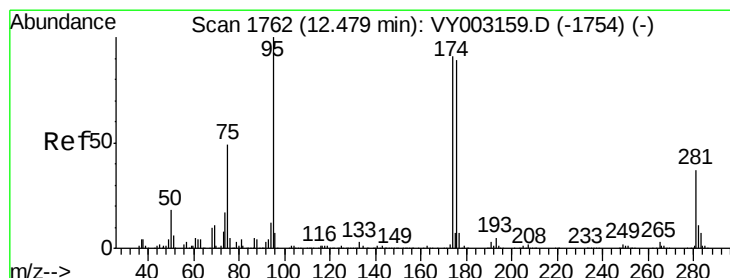
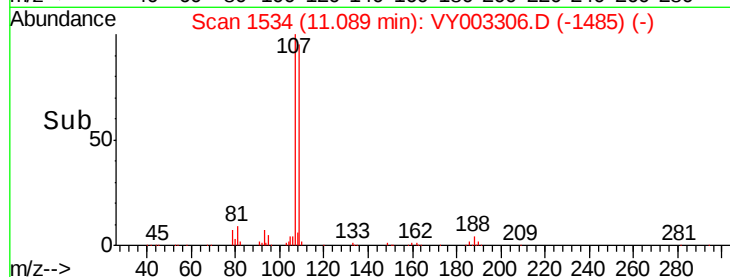
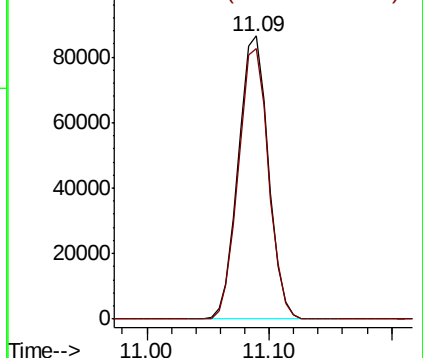
107 100

109 96.0 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: 48.692 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

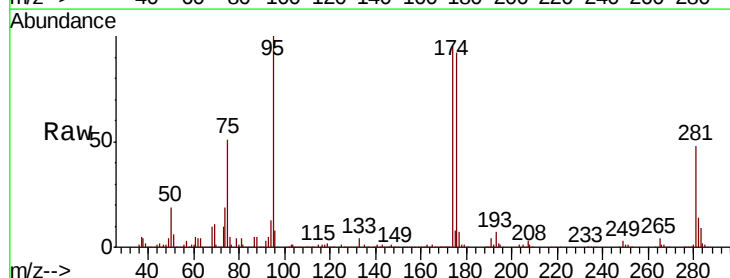
Tgt Ion: 95 Resp: 205971

Ion Ratio Lower Upper

95 100

174 95.9 0.0 190.6

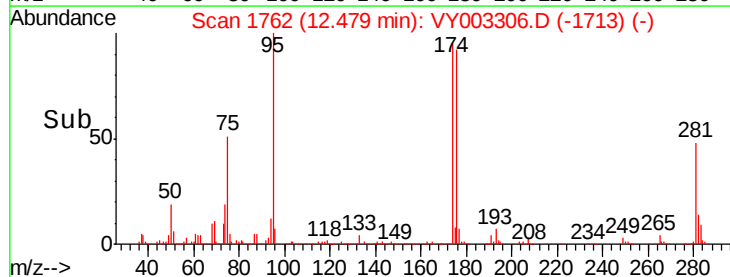
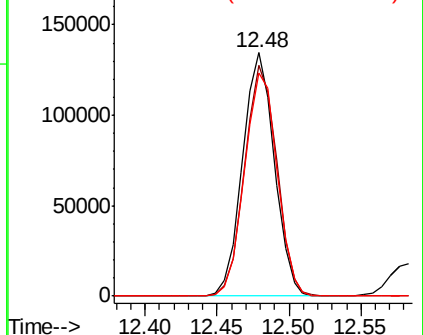
176 93.6 0.0 186.4

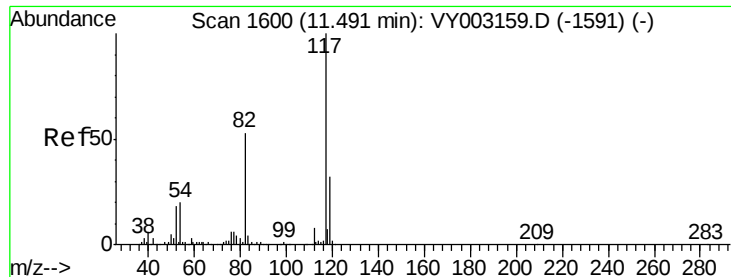


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

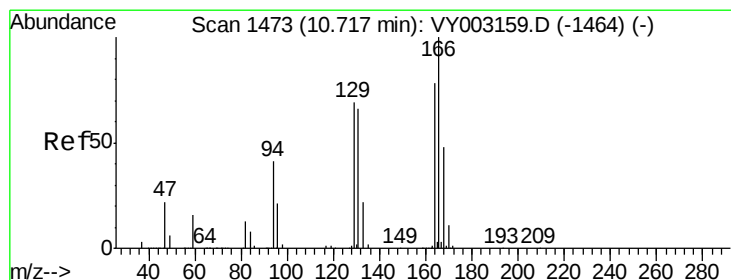
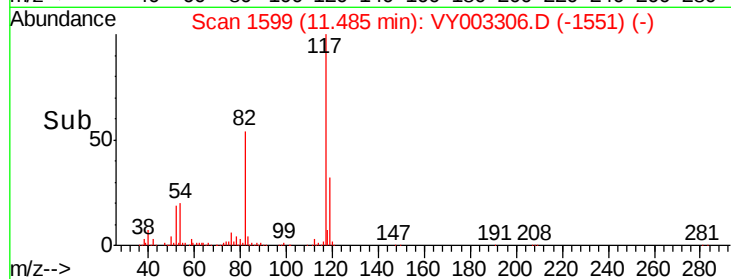
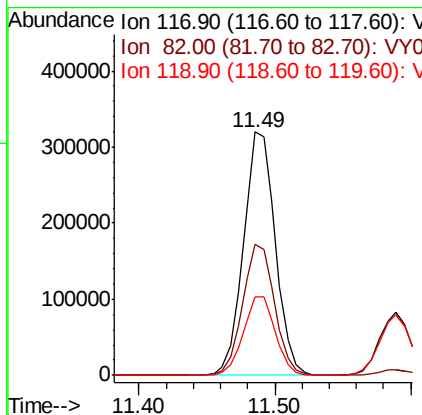
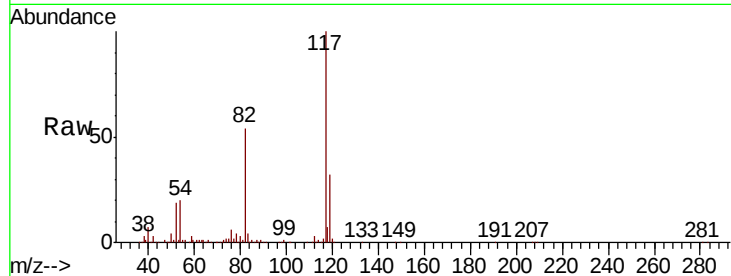




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

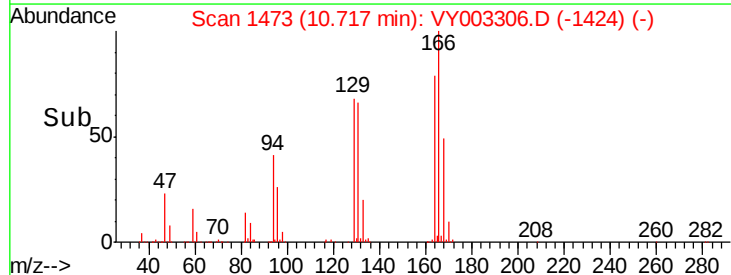
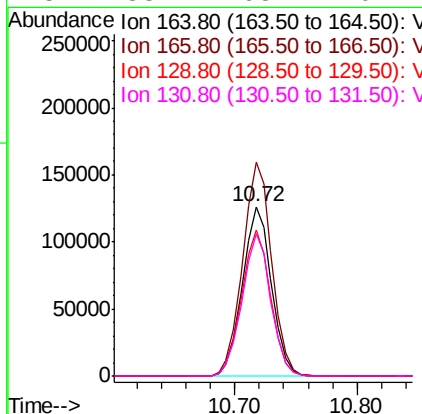
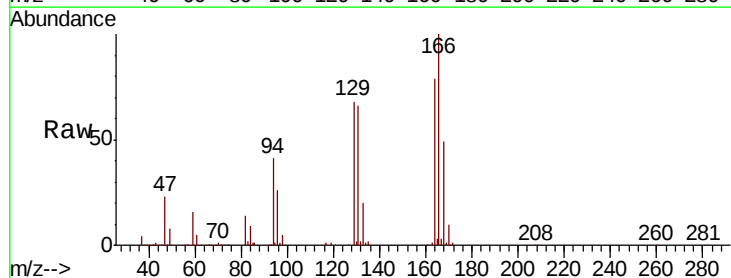
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

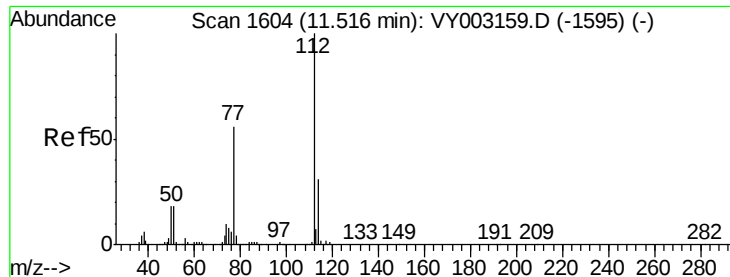
Tot Ion:117 Resp: 522005
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 44.504 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion:164 Resp: 207138
Ion Ratio Lower Upper
164 100
166 126.4 102.9 154.3
129 86.3 71.4 107.2
131 83.7 68.1 102.1

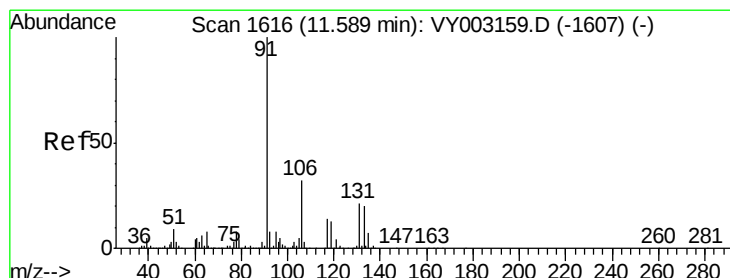
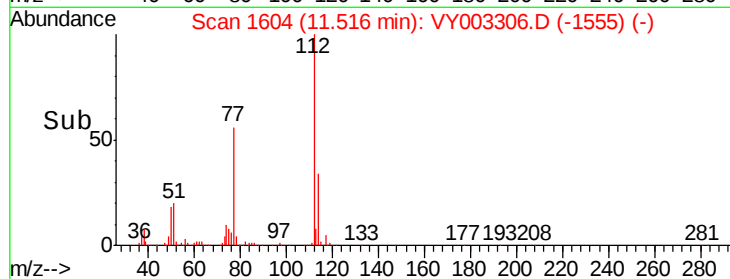
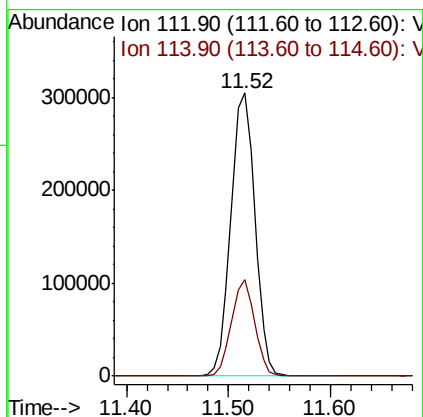
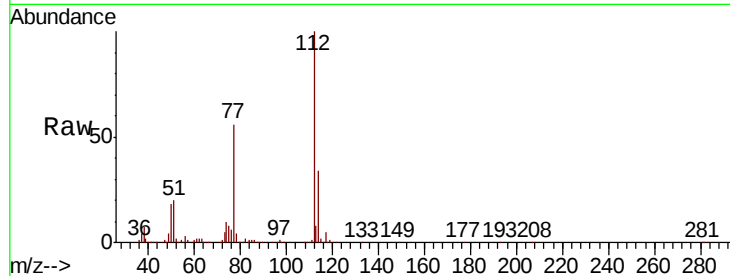




#65
Chlorobenzene
Concen: 49.377 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

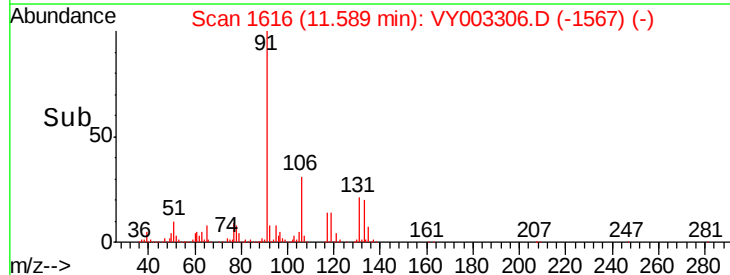
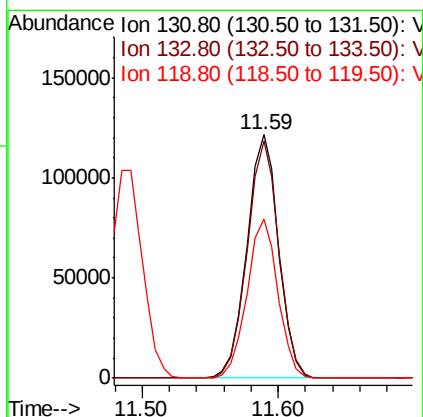
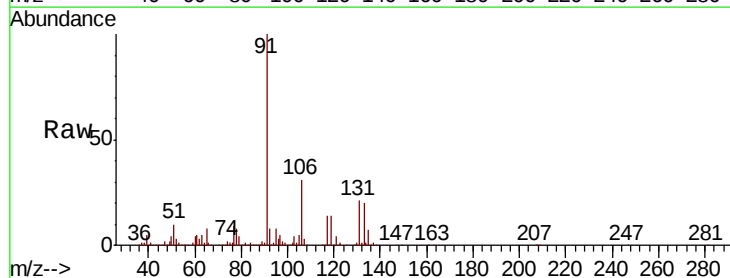
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

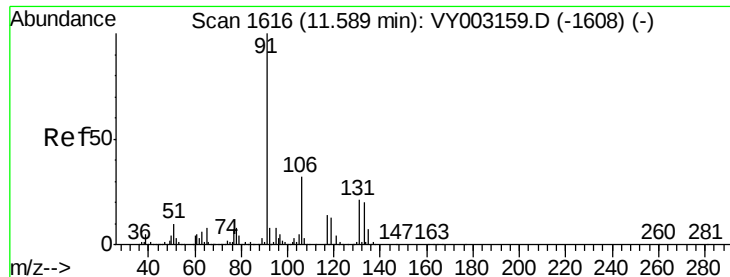
Tot Ion:112 Resp: 496542
Ion Ratio Lower Upper
112 100
114 34.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.627 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion:131 Resp: 197737
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 64.2 32.4 97.0





#67

Ethyl Benzene

Concen: 49.226 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

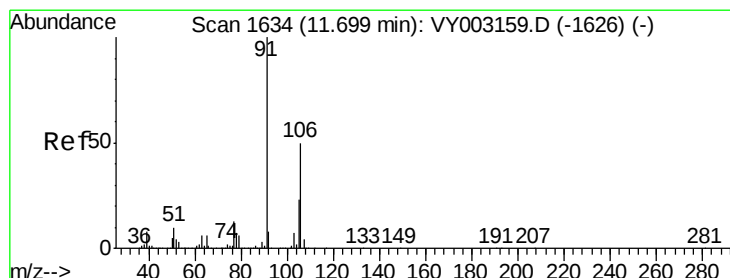
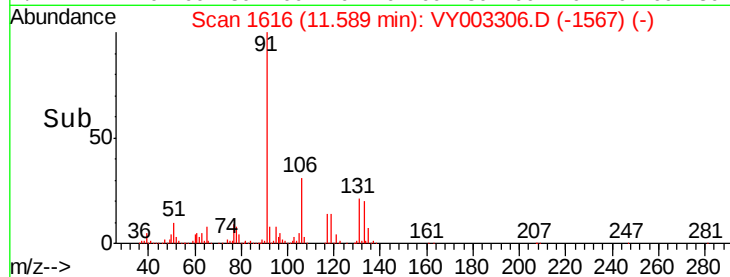
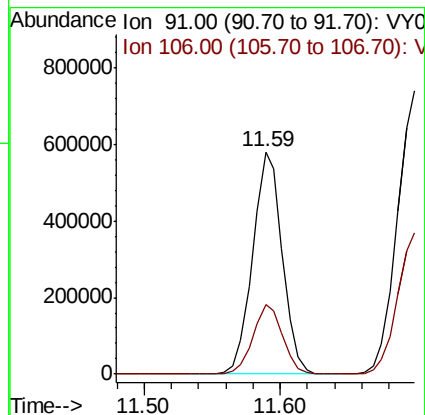
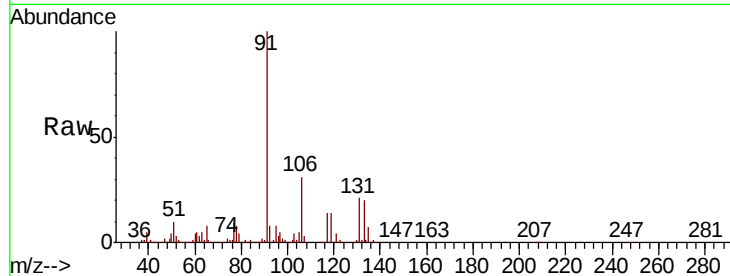
VSTDCCC050EC

Tot Ion: 91 Resp: 883867

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 97.719 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003306.D

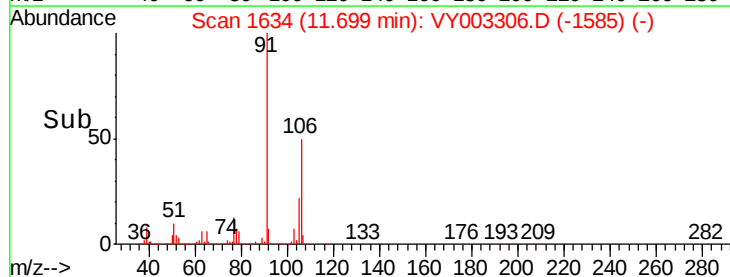
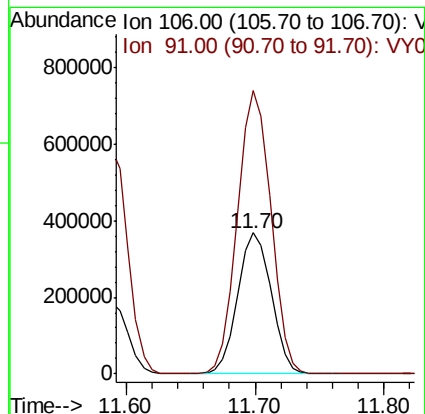
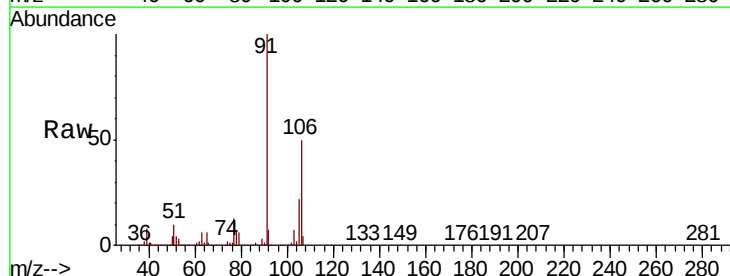
Acq: 22 Jul 2020 22:21

Tgt Ion: 106 Resp: 665732

Ion Ratio Lower Upper

106 100

91 200.6 159.0 238.6

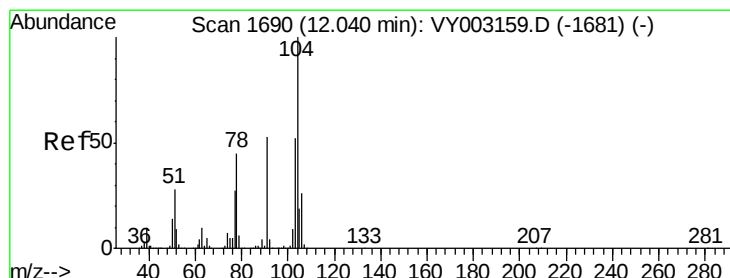
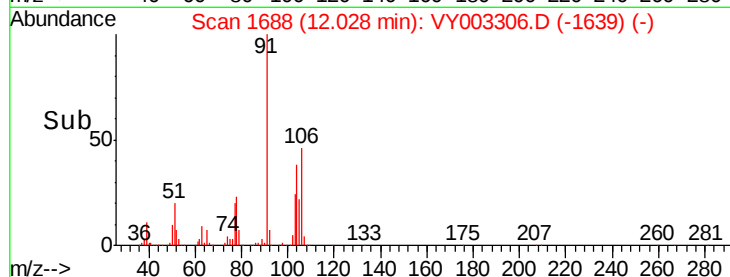
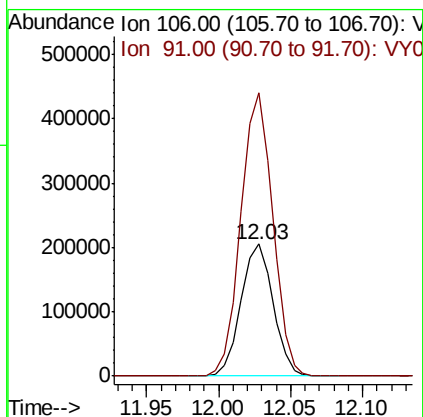
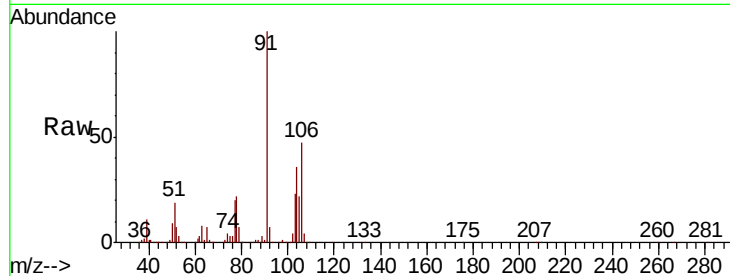




#69
o-Xylene
Concen: 49.931 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

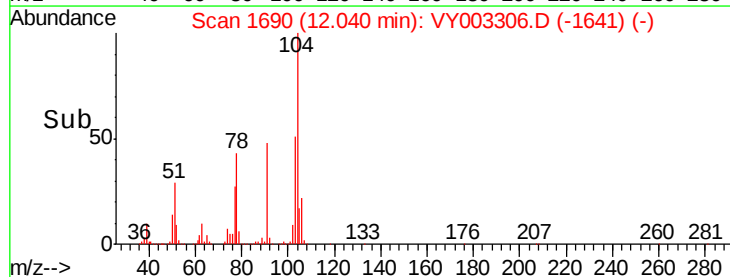
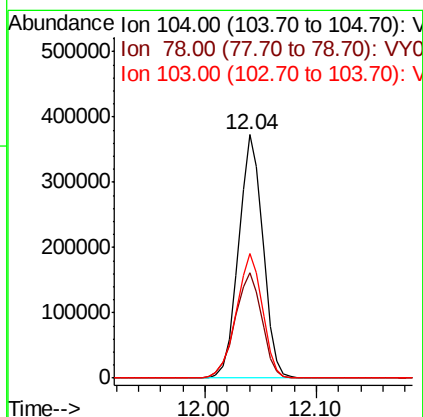
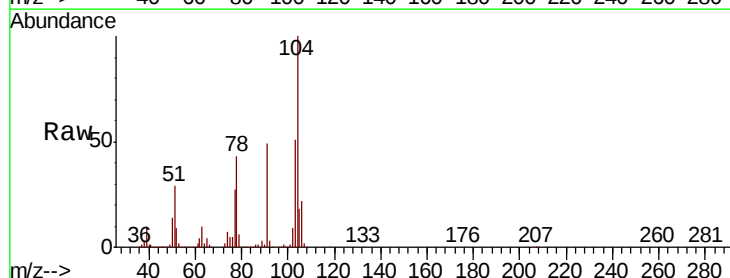
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

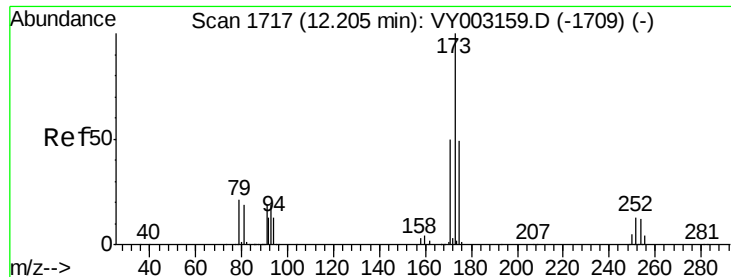
Tot Ion:106 Resp: 317786
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.1



#70
Styrene
Concen: 51.738 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion:104 Resp: 563307
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 55.2 43.9 65.9





#71

Bromoform

Concen: 51.047 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

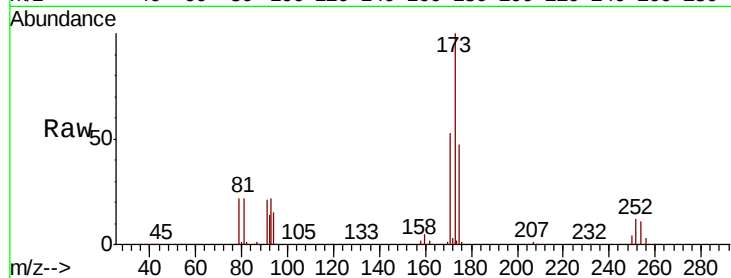
Tot Ion:173 Resp: 130856

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

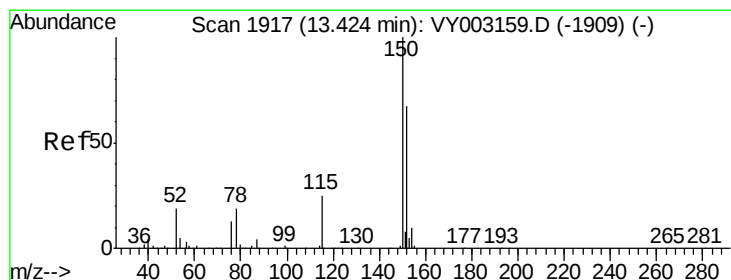
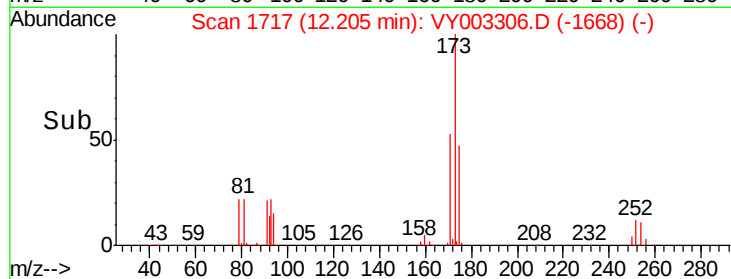
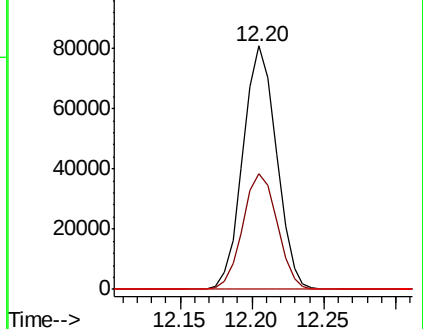
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

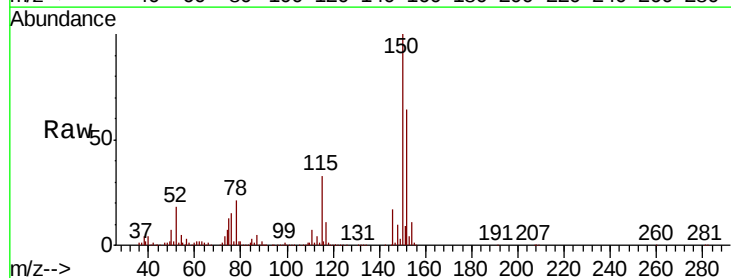
Tgt Ion:152 Resp: 280196

Ion Ratio Lower Upper

152 100

115 52.9 26.9 80.7

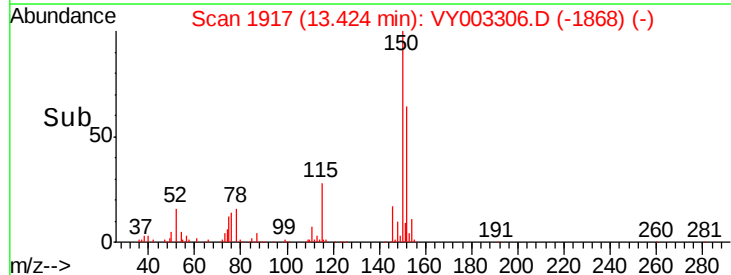
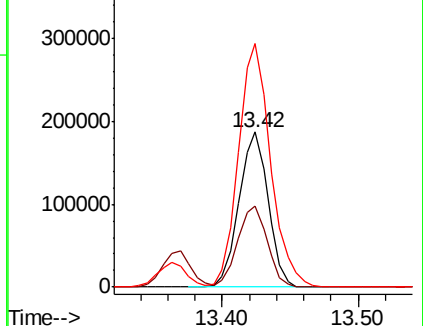
150 172.3 0.0 338.0

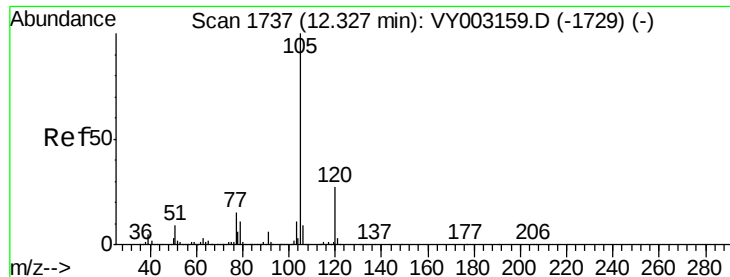


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.950 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

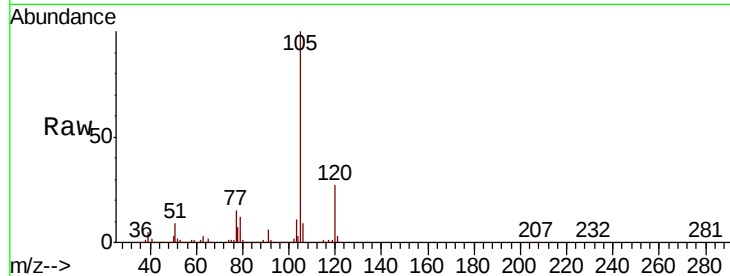
VSTDCCC050EC

Tot Ion:105 Resp: 856196

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

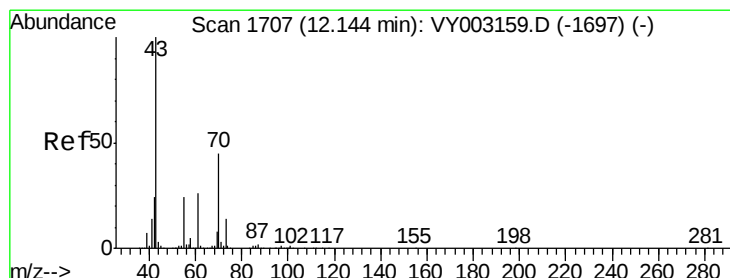
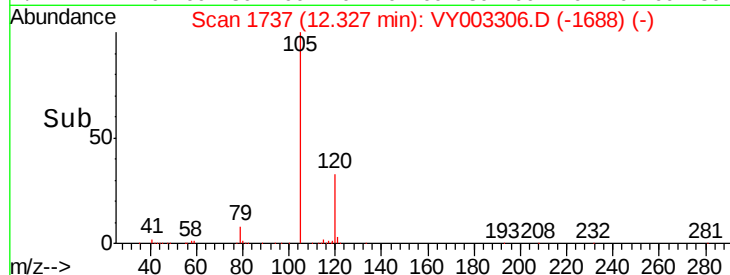
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.121 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Tgt Ion: 43 Resp: 266142

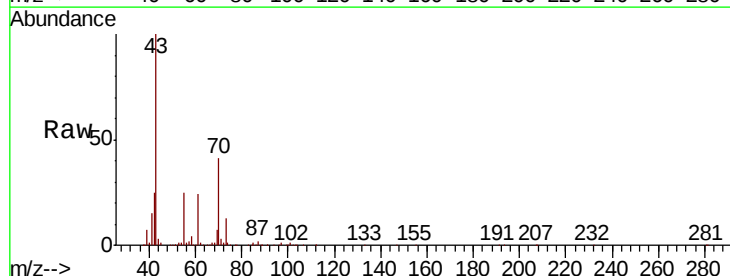
Ion Ratio Lower Upper

43 100

70 42.5 35.6 53.4

55 24.2 19.4 29.2

61 24.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

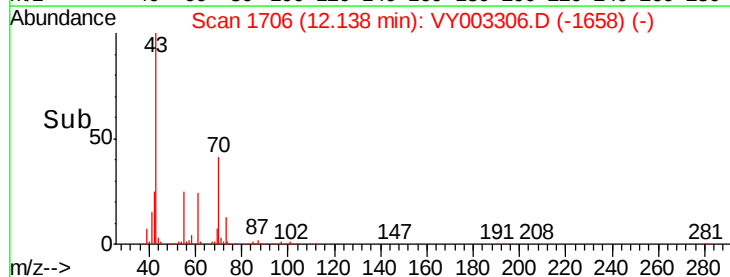
150000

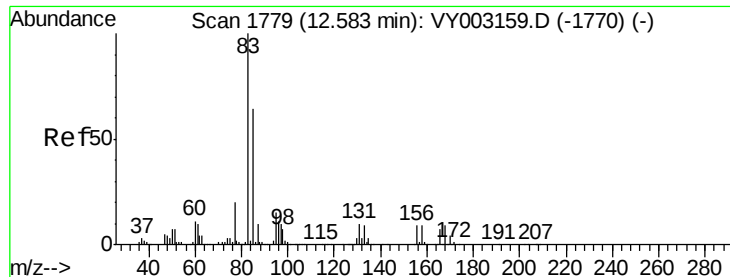
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.947 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

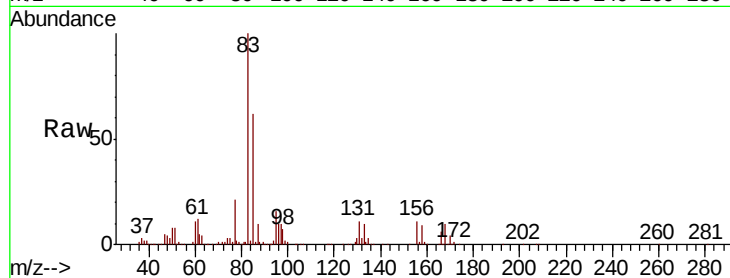
Tot Ion: 83 Resp: 182595

Ion Ratio Lower Upper

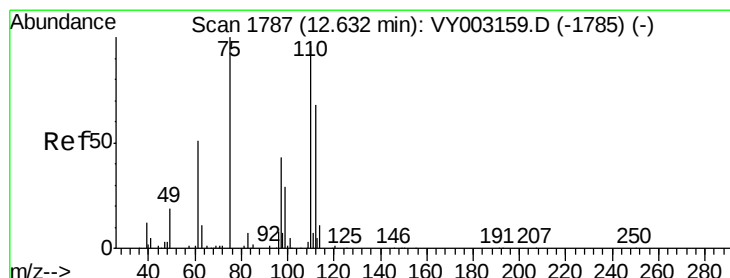
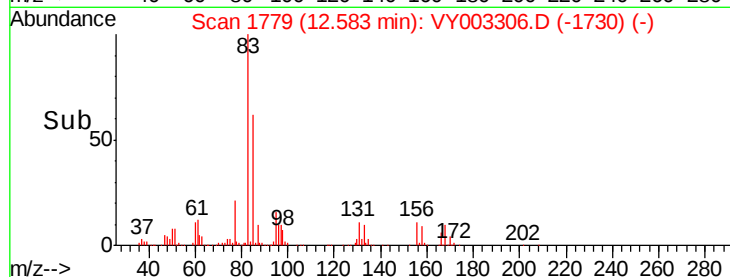
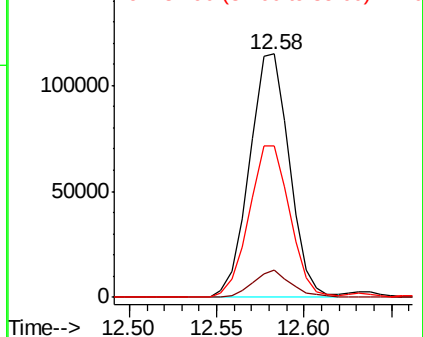
83 100

131 10.9 5.2 15.6

85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 95.934 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003306.D

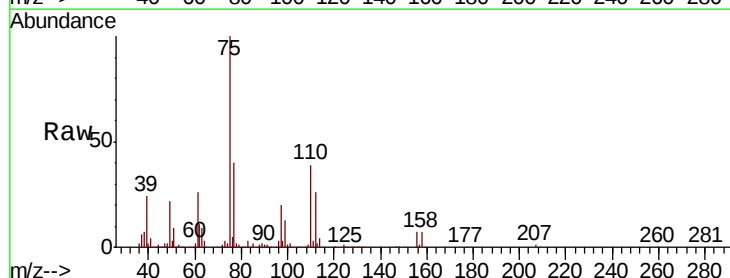
Acq: 22 Jul 2020 22:21

Tgt Ion: 75 Resp: 237936

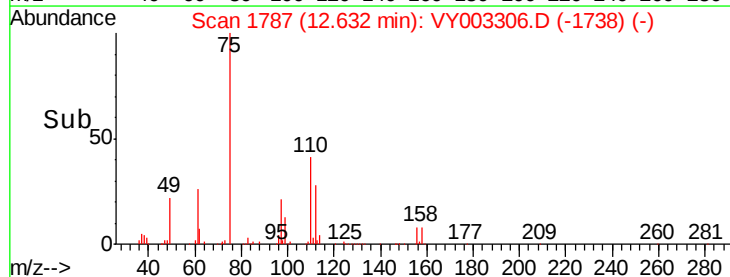
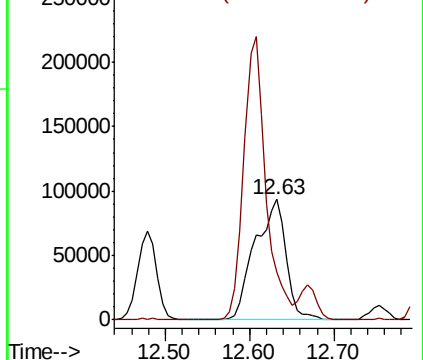
Ion Ratio Lower Upper

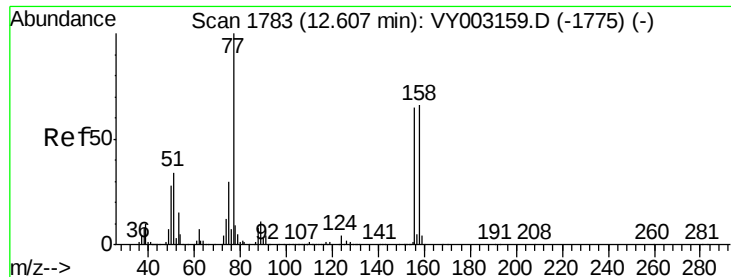
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.039 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

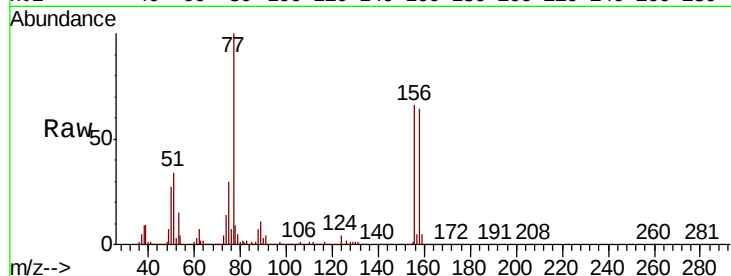
Tot Ion:156 Resp: 223203

Ion Ratio Lower Upper

156 100

77 174.6 86.6 259.7

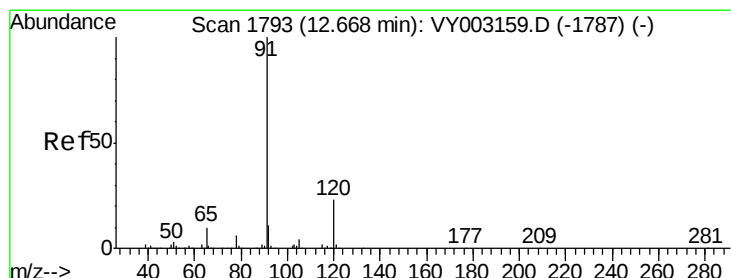
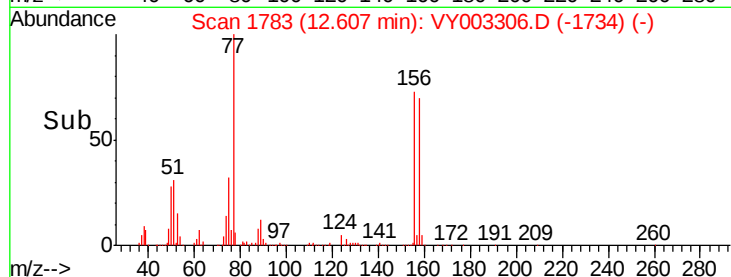
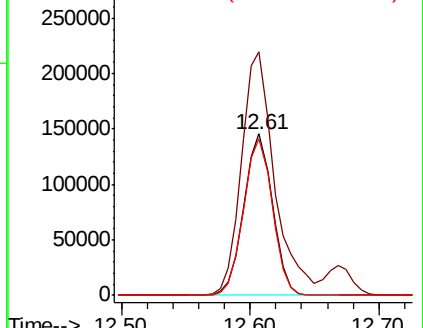
158 97.5 49.4 148.0



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: 48.401 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003306.D

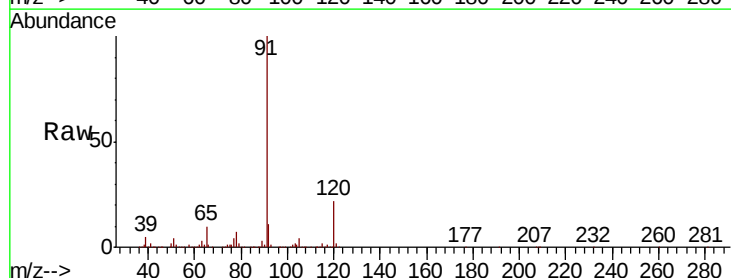
Acq: 22 Jul 2020 22:21

Tgt Ion: 91 Resp: 1018725

Ion Ratio Lower Upper

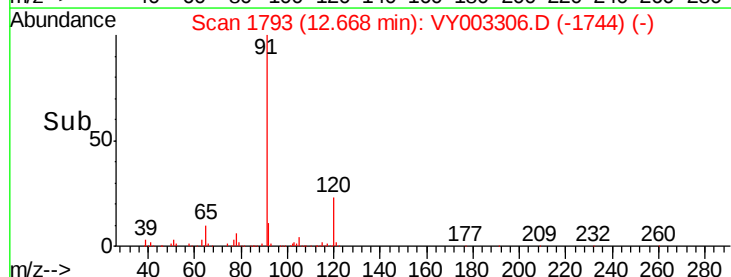
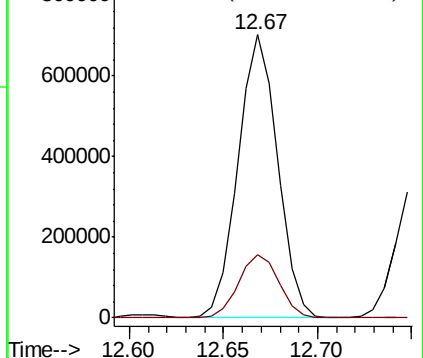
91 100

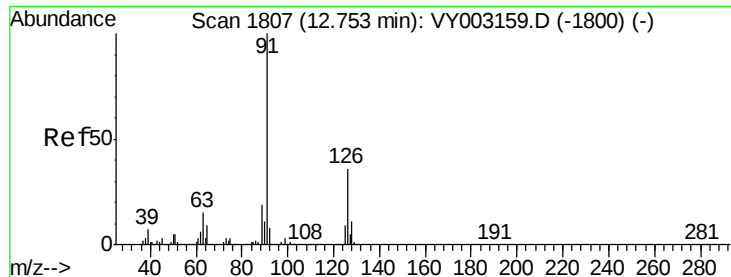
120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

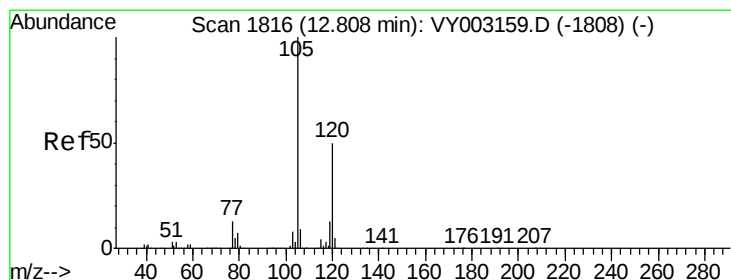
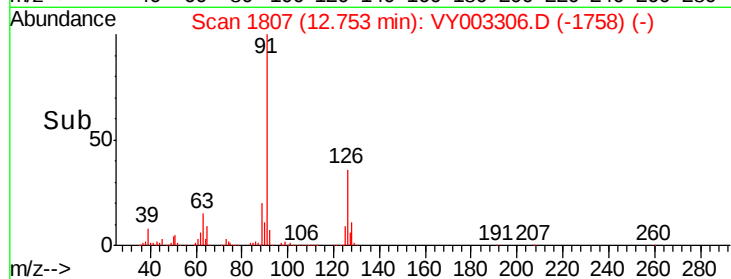
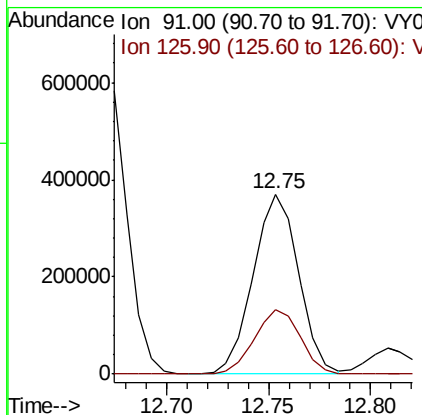
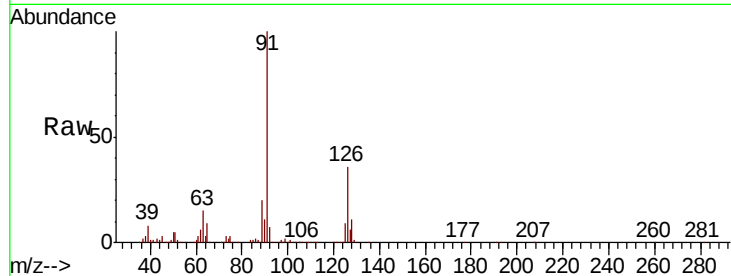




#79
 2-Chlorotoluene
 Concen: 48.849 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

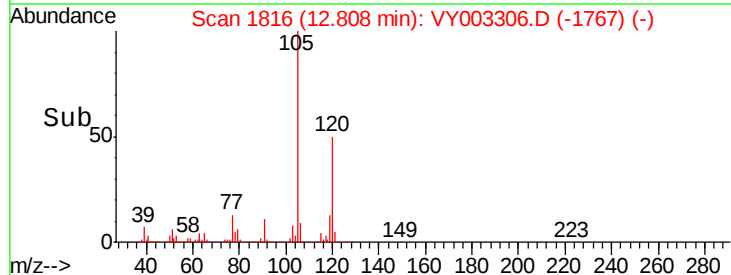
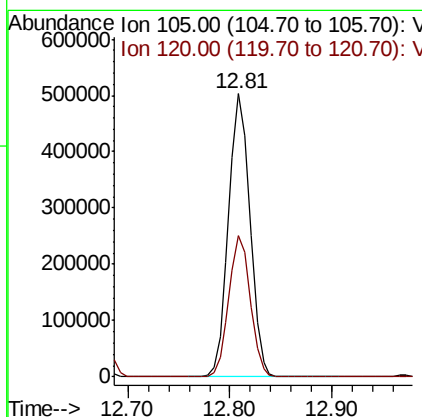
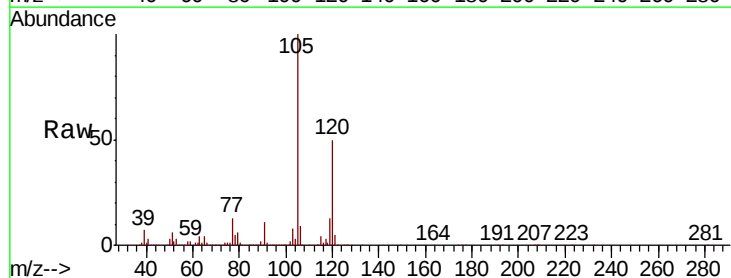
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

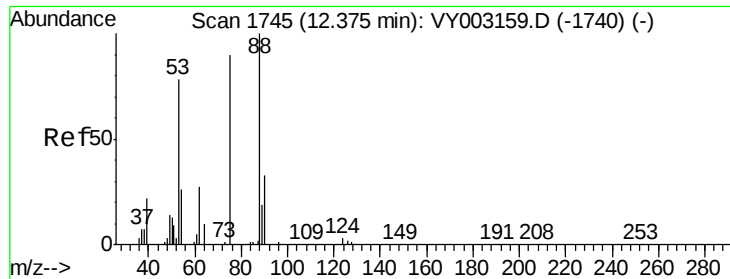
Tot Ion: 91 Resp: 573642
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.067 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion: 105 Resp: 730217
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.219 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

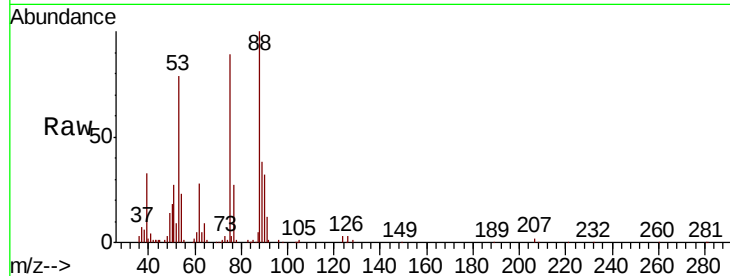
Tot Ion: 75 Resp: 62724

Ion Ratio Lower Upper

75 100

53 86.0 72.0 108.0

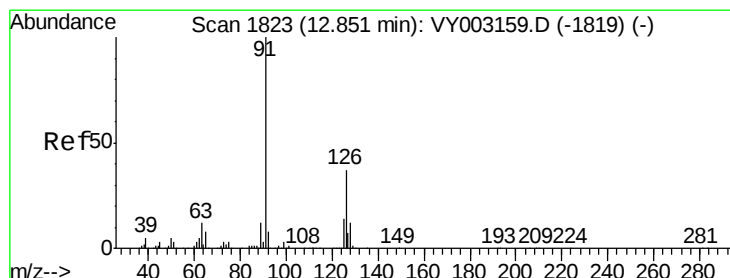
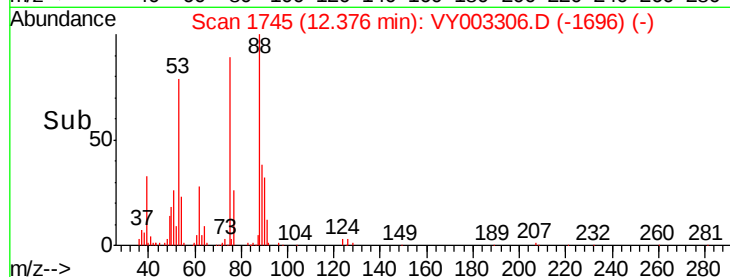
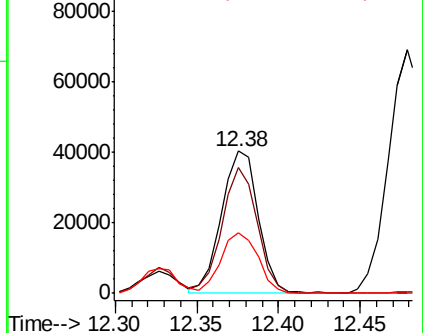
89 43.2 37.3 55.9



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: 49.057 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003306.D

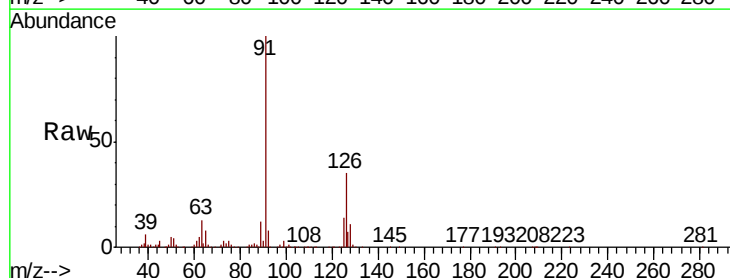
Acq: 22 Jul 2020 22:21

Tgt Ion: 91 Resp: 601302

Ion Ratio Lower Upper

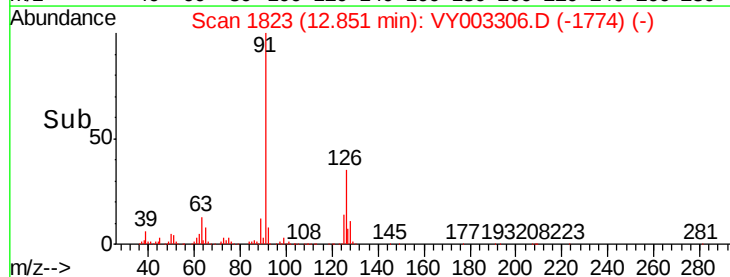
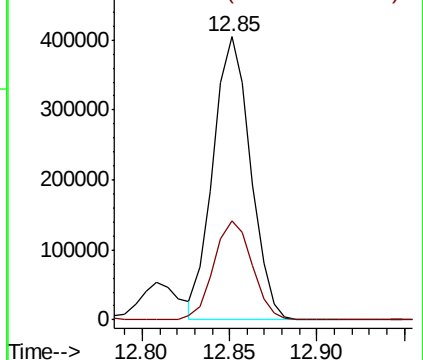
91 100

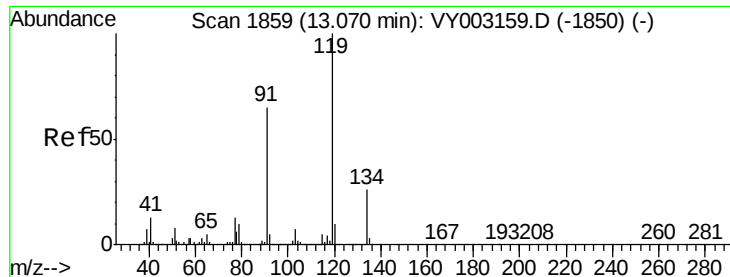
126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

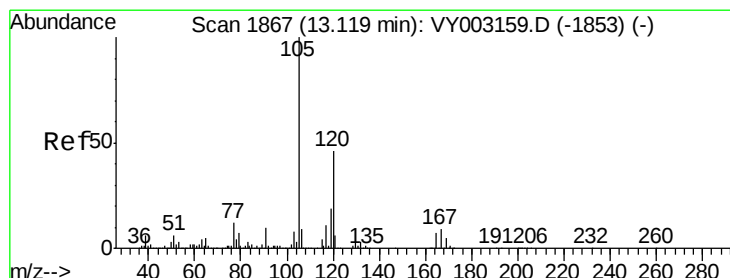
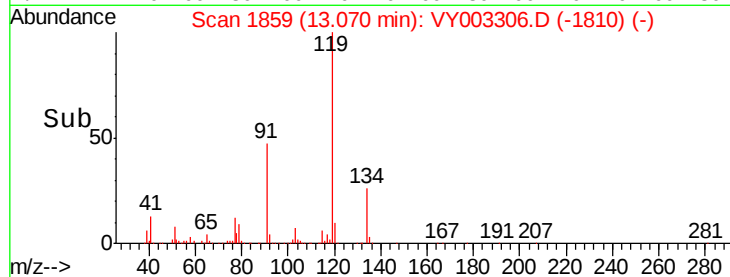
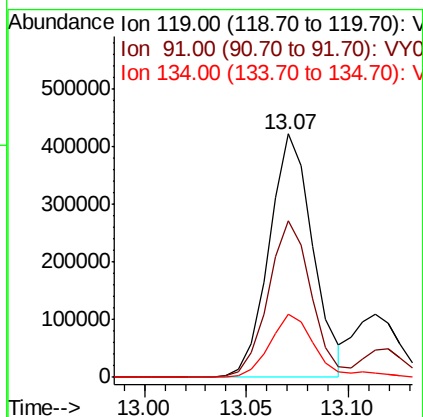
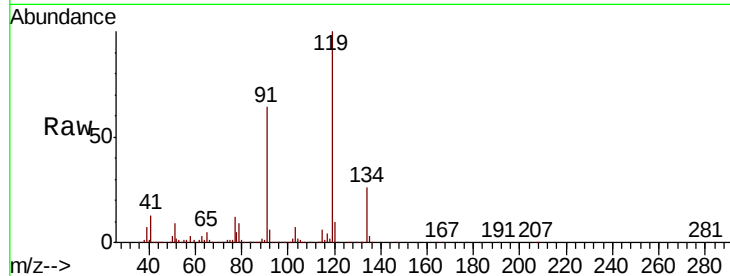




#83
tert-Butylbenzene
Concen: 48.173 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

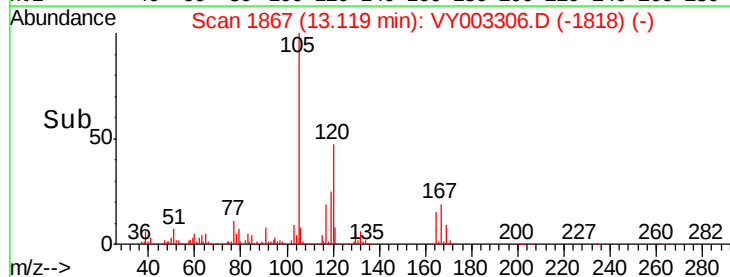
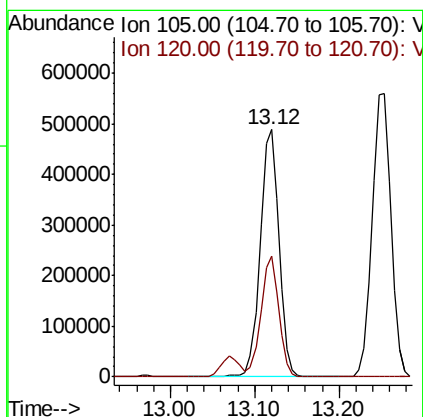
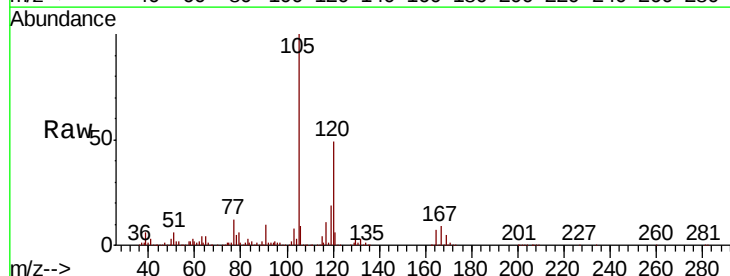
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

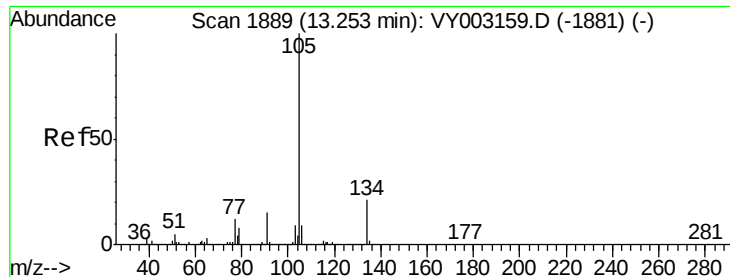
Tot Ion:119 Resp: 632577
Ion Ratio Lower Upper
119 100
91 63.6 30.8 92.4
134 27.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.843 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion:105 Resp: 746347
Ion Ratio Lower Upper
105 100
120 46.5 22.5 67.5





#85

sec-Butylbenzene

Concen: 48.370 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

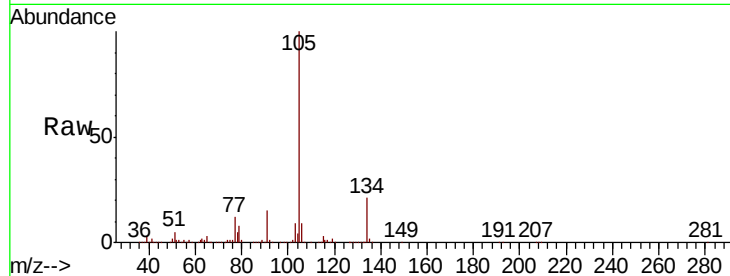
VSTDCCC050EC

Tot Ion:105 Resp: 873010

Ion Ratio Lower Upper

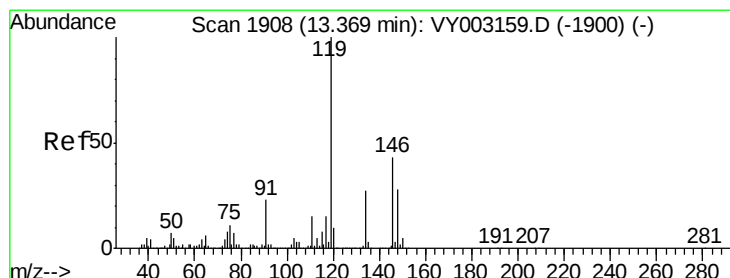
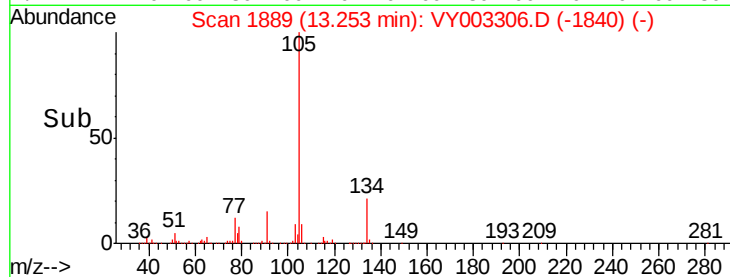
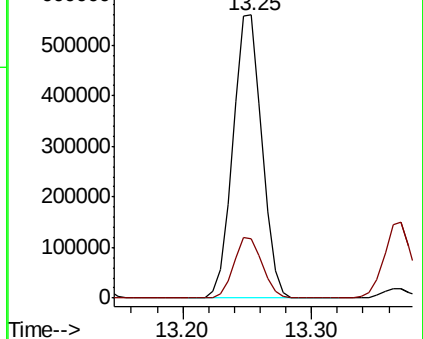
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.385 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

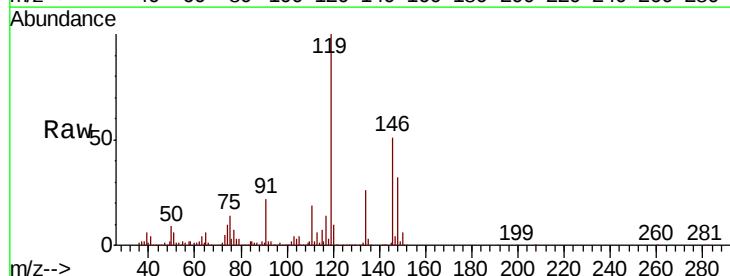
Tgt Ion:119 Resp: 815379

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

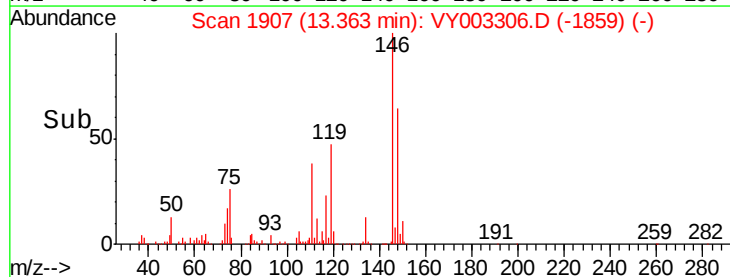
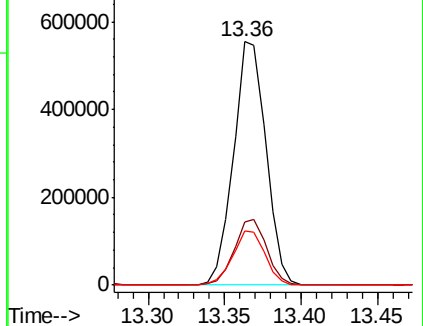
91 22.1 11.2 33.6

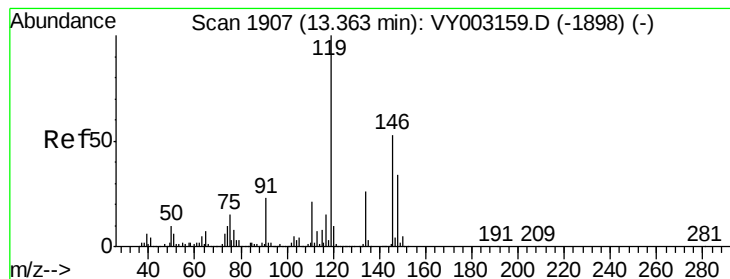


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.592 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

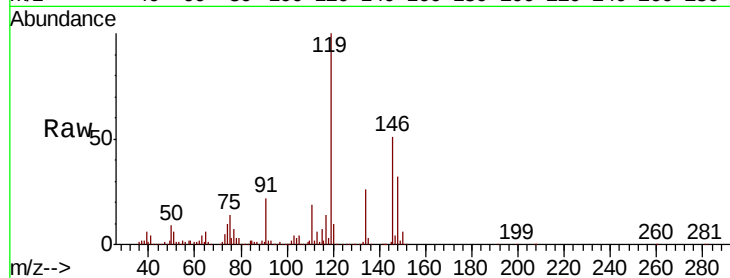
Tot Ion:146 Resp: 426842

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.3

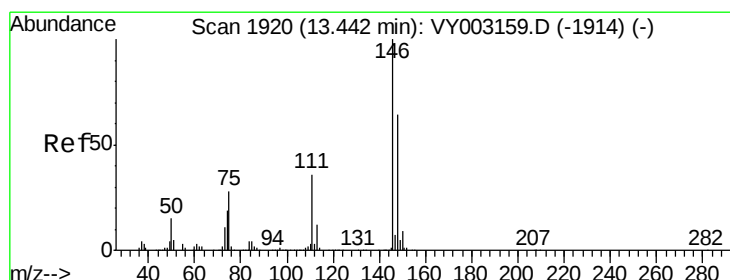
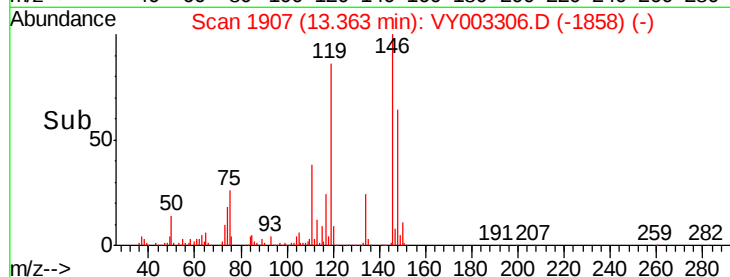
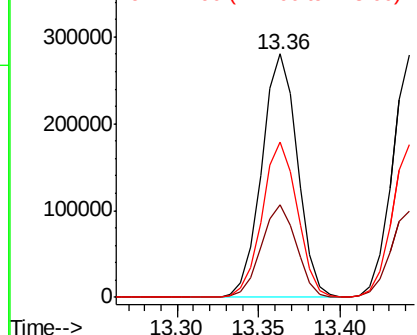
148 63.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.484 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

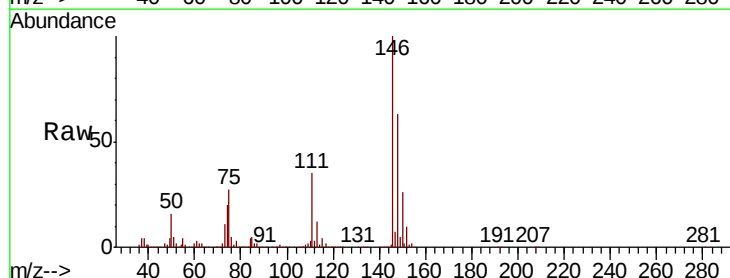
Tgt Ion:146 Resp: 421685

Ion Ratio Lower Upper

146 100

111 36.3 18.4 55.0

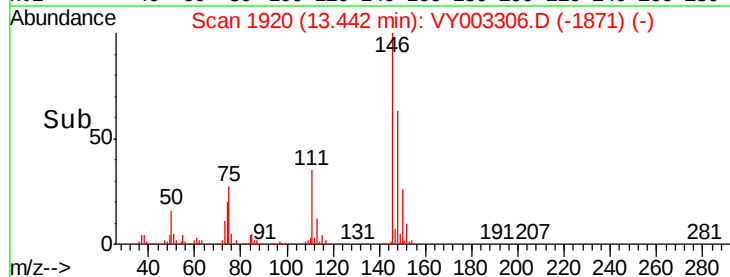
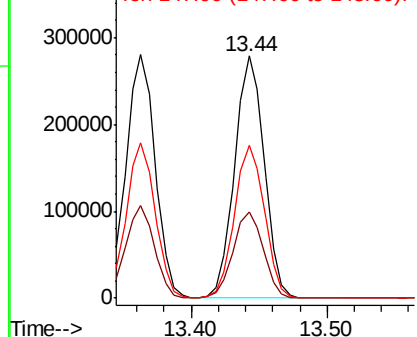
148 63.9 32.0 96.0

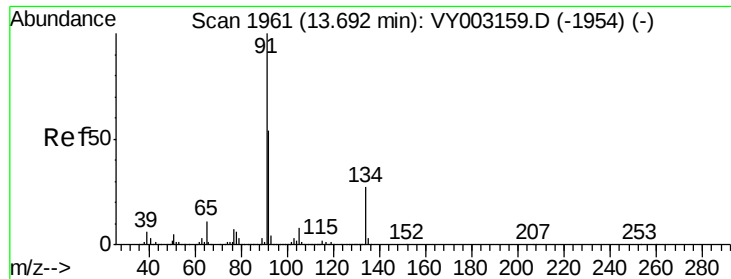


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

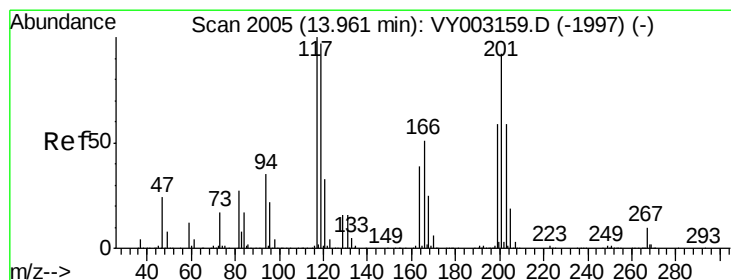
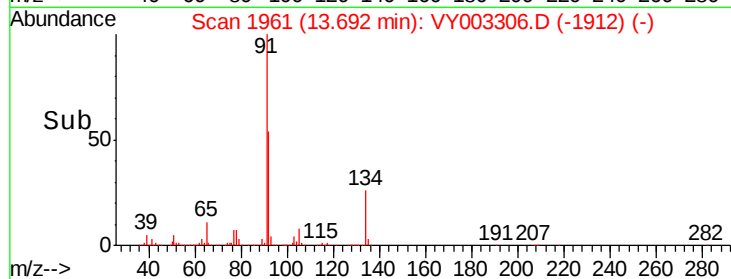
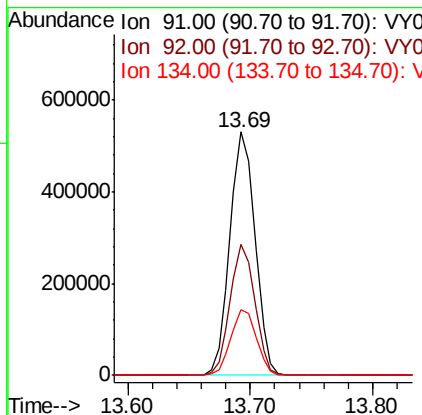
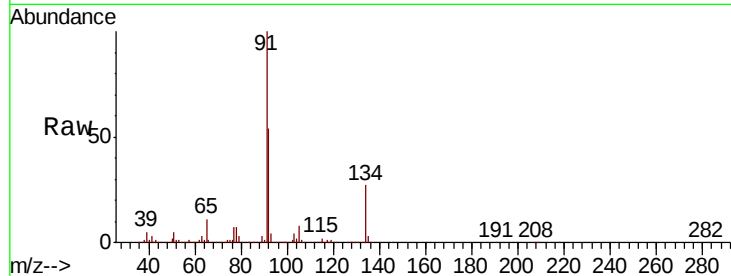




#89
n-Butylbenzene
Concen: 47.619 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

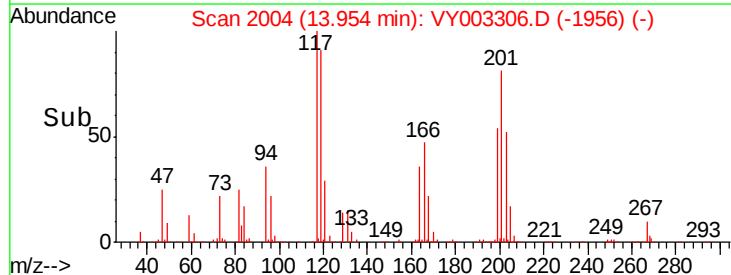
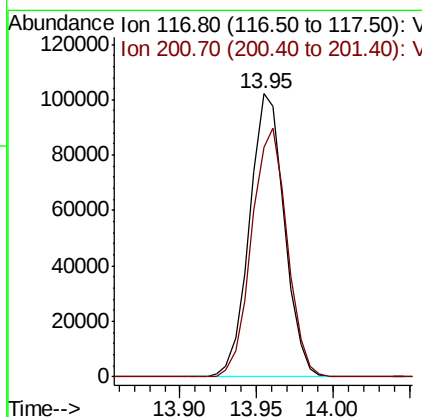
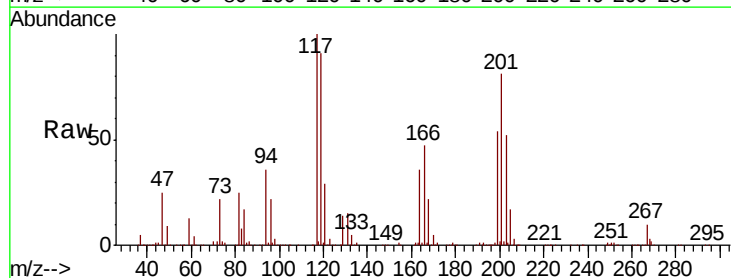
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

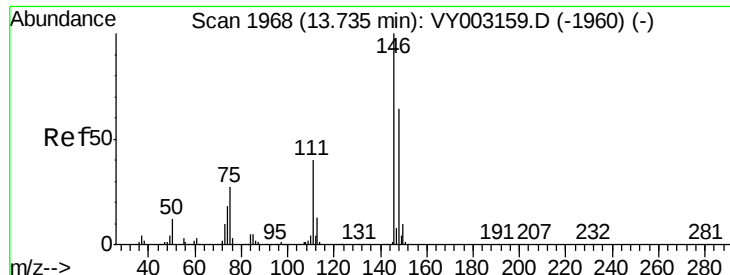
Tot Ion: 91 Resp: 754829
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 27.4 13.6 40.7



#90
Hexachloroethane
Concen: 52.787 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003306.D
Acq: 22 Jul 2020 22:21

Tgt Ion: 117 Resp: 161999
Ion Ratio Lower Upper
117 100
201 89.2 45.1 135.3

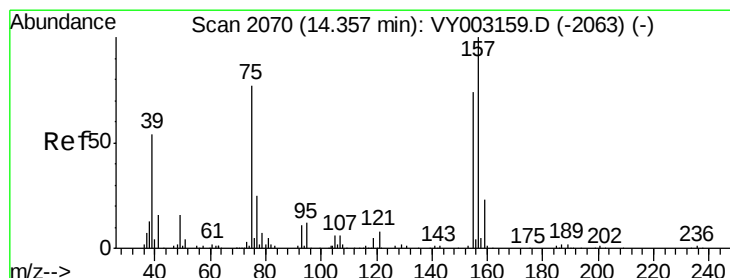
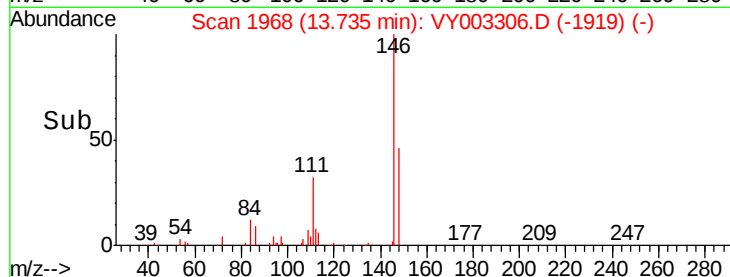
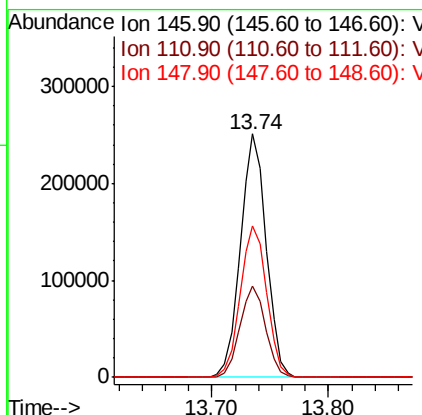
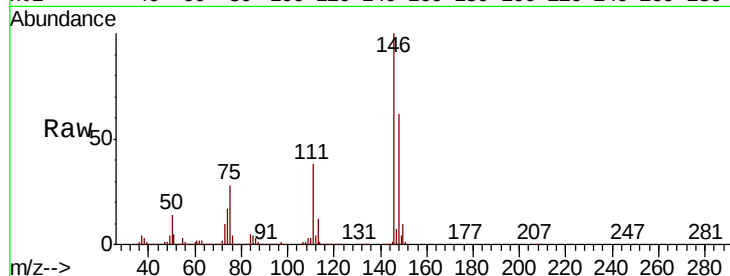




#91
 1,2-Dichlorobenzene
 Concen: 51.227 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

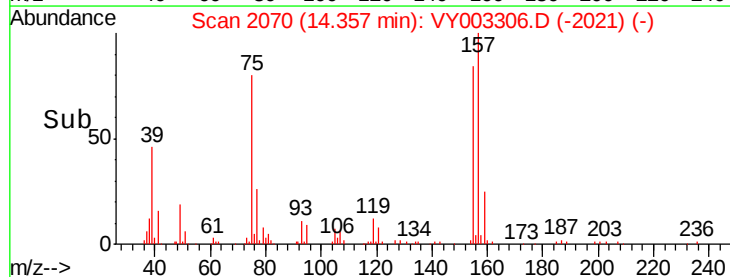
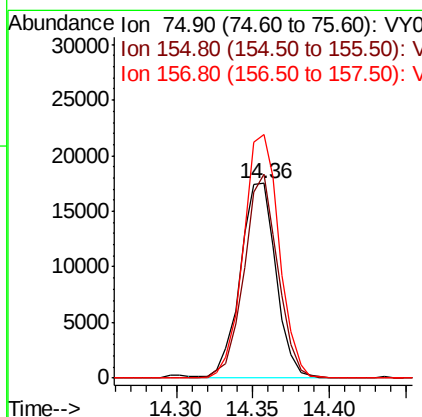
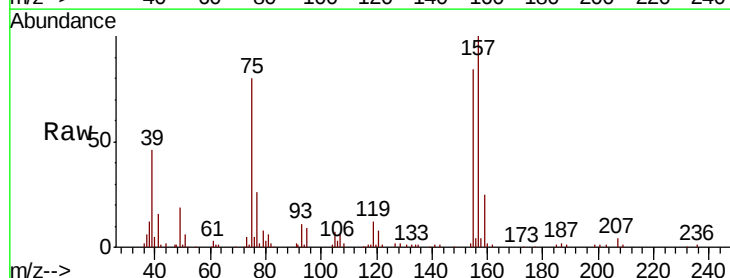
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

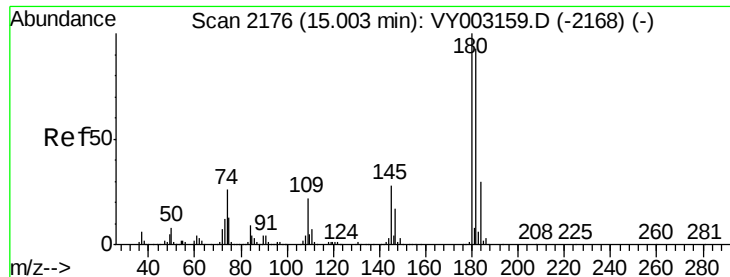
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.6	58.8
148	63.8	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.020 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.9	48.1	144.3
157	124.6	61.9	185.6

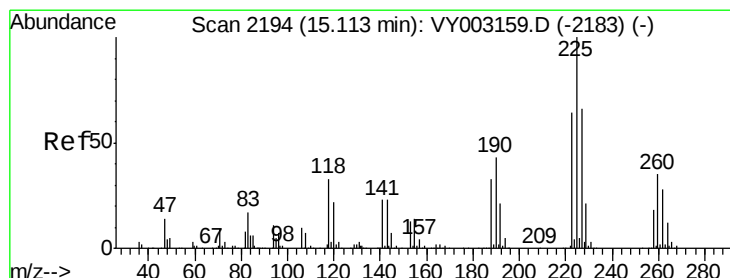
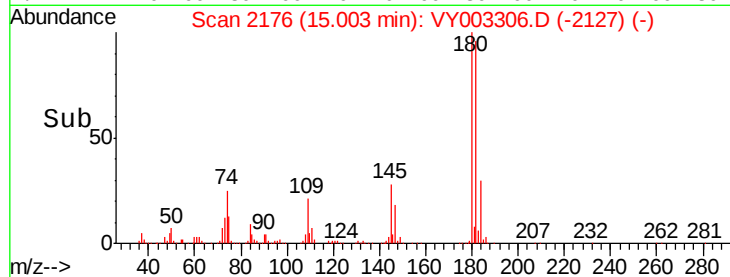
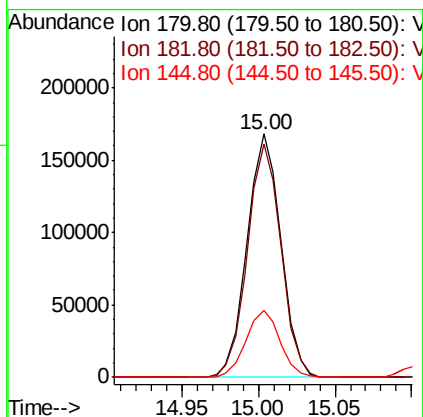
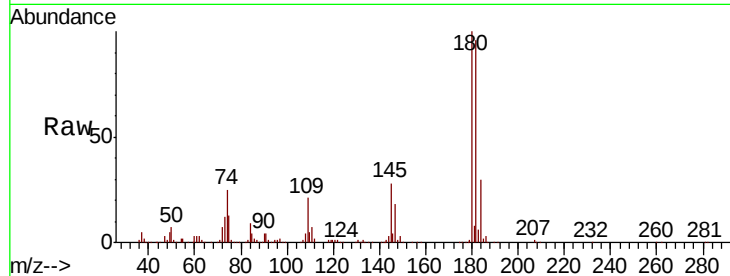




#93
 1,2,4-Trichlorobenzene
 Concen: 48.146 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

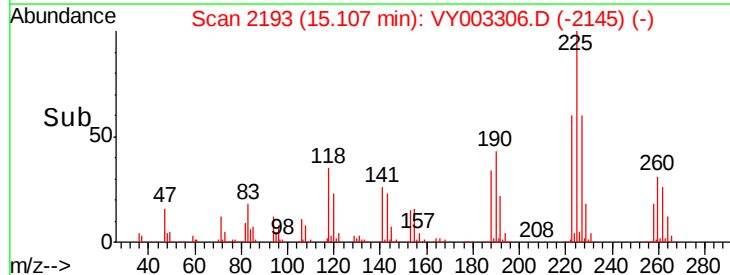
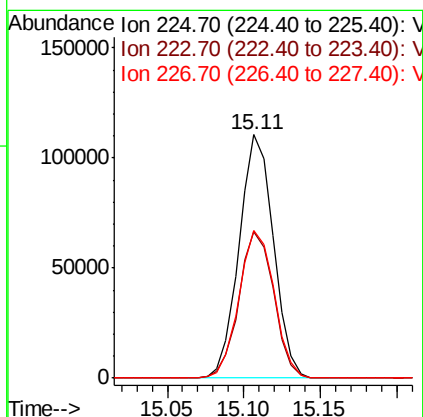
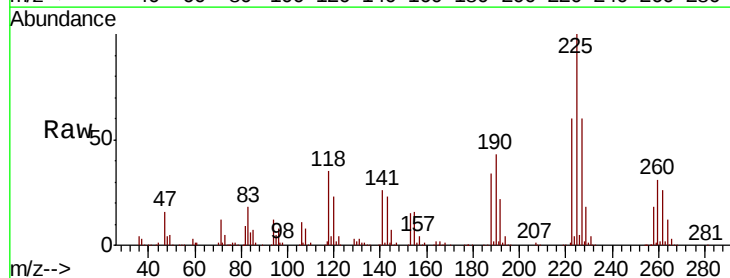
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

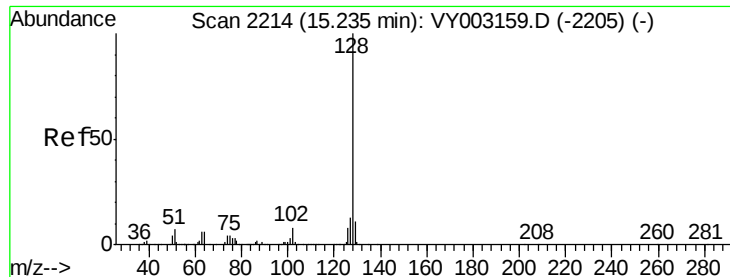
Tot Ion:180 Resp: 258713
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 27.6 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 46.837 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003306.D
 Acq: 22 Jul 2020 22:21

Tgt Ion:225 Resp: 172453
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.6 94.7
 227 62.2 32.3 96.8





#95

Naphthalene

Concen: 52.079 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

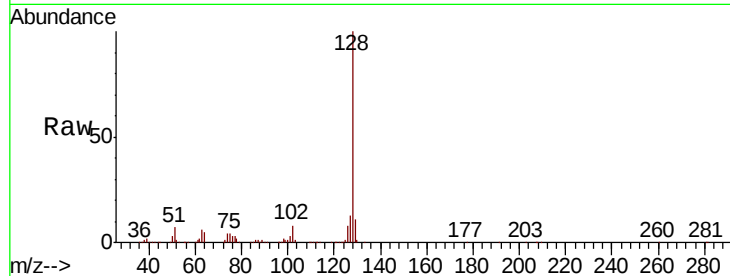
Tot Ion:128 Resp: 462496

Ion Ratio Lower Upper

128 100

127 13.5 10.9 16.3

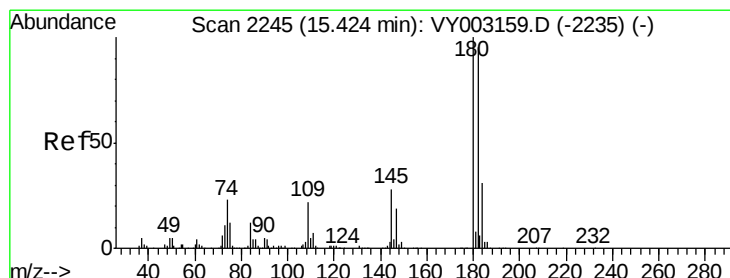
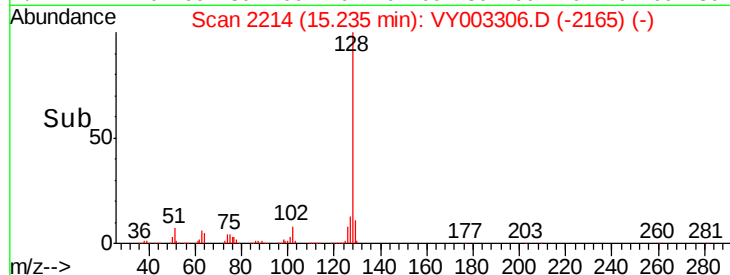
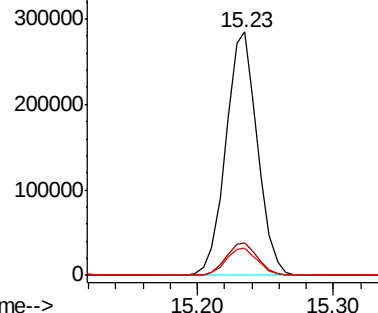
129 11.3 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.923 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003306.D

Acq: 22 Jul 2020 22:21

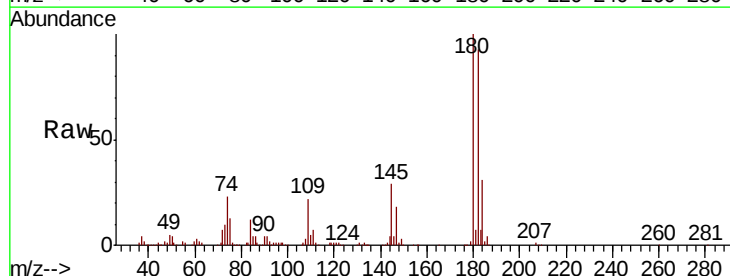
Tgt Ion:180 Resp: 212058

Ion Ratio Lower Upper

180 100

182 94.1 48.8 146.3

145 28.8 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

