

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002600.D
 Acq On : 05 May 2020 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 03:23:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	364107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	567187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	516727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	262355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	161099	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	7.75	113	170325	52.51	ug/l	0.01
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	10.19	98	650964	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.49	95	224552	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	148017	49.227	ug/l	98
3) Chloromethane	2.13	50	158982	53.893	ug/l	99
4) Vinyl Chloride	2.27	62	178969	52.541	ug/l	100
5) Bromomethane	2.66	94	128039	54.507	ug/l	100
6) Chloroethane	2.81	64	110082	54.124	ug/l	99
7) Trichlorofluoromethane	3.15	101	273007	51.714	ug/l	100
8) Diethyl Ether	3.55	74	103532	58.358	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	168796	52.315	ug/l	99
10) Methyl Iodide	4.12	142	255428	58.108	ug/l	99
11) Tert butyl alcohol	4.99	59	75769	240.557	ug/l	100
12) 1,1-Dichloroethene	3.90	96	170006	54.238	ug/l	97
13) Acrolein	3.75	56	45467	208.751	ug/l	97
14) Allyl chloride	4.51	41	258980	56.708	ug/l	98
15) Acrylonitrile	5.20	53	233316	278.879	ug/l	99
16) Acetone	3.97	43	164554	260.443	ug/l	100
17) Carbon Disulfide	4.22	76	515954	54.717	ug/l	100
18) Methyl Acetate	4.51	43	116024	54.960	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	463625	56.694	ug/l	97
20) Methylene Chloride	4.75	84	190857	54.018	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	190663	55.654	ug/l	98
22) Diisopropyl ether	6.15	45	539106	58.341	ug/l	97
23) Vinyl Acetate	6.10	43	1661629	285.928	ug/l	99
24) 1,1-Dichloroethane	6.05	63	313593	57.365	ug/l	100
25) 2-Butanone	7.02	43	279922	270.651	ug/l	98
26) 2,2-Dichloropropane	7.01	77	256016	49.269	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	214676	56.633	ug/l	98
28) Bromochloromethane	7.36	49	129726	57.918	ug/l	98
29) Tetrahydrofuran	7.37	42	192137	280.787	ug/l	100
30) Chloroform	7.53	83	318383	56.013	ug/l	99
31) Cyclohexane	7.81	56	280272	50.934	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	282984	53.563	ug/l	100
36) 1,1-Dichloropropene	7.94	75	243620	51.237	ug/l	100
37) Ethyl Acetate	7.10	43	130942	53.591	ug/l	99
38) Carbon Tetrachloride	7.92	117	263668	50.793	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	315814	50.288	ug/l	98
40) Benzene	8.18	78	736058	53.598	ug/l	99
41) Methacrylonitrile	7.37	41	176051	134.009	ug/l #	42
42) 1,2-Dichloroethane	8.26	62	201147	52.218	ug/l	98
43) Isopropyl Acetate	8.30	43	248004	54.142	ug/l	100
44) Trichloroethene	8.96	130	229214	53.408	ug/l	100
45) 1,2-Dichloropropane	9.24	63	181129	54.650	ug/l	100
46) Dibromomethane	9.33	93	103305	54.173	ug/l	99
47) Bromodichloromethane	9.52	83	251264	54.189	ug/l	99
48) Methyl methacrylate	9.31	41	114491	55.228	ug/l	98
49) 1,4-Dioxane	9.31	88	26637	1054.989	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	634753	268.846	ug/l	99
52) Toluene	10.26	92	472352	53.520	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	262540	54.040	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	302578	53.874	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	150291	54.045	ug/l	98
56) Ethyl methacrylate	10.52	69	206749	55.887	ug/l	98
57) 1,3-Dichloropropane	10.80	76	254313	53.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	525099	269.158	ug/l	99
59) 2-Hexanone	10.85	43	441954	271.968	ug/l	100
60) Dibromochloromethane	11.00	129	191434	54.125	ug/l	99
61) 1,2-Dibromoethane	11.10	107	148451	53.913	ug/l	99
64) Tetrachloroethene	10.73	164	252779	55.058	ug/l	98
65) Chlorobenzene	11.53	112	521326	53.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	197770	54.238	ug/l	99
67) Ethyl Benzene	11.60	91	910718	52.781	ug/l	99
68) m/p-Xylenes	11.71	106	707550	105.980	ug/l	100
69) o-Xylene	12.04	106	336882	53.892	ug/l	98
70) Styrene	12.05	104	583565	54.608	ug/l	99
71) Bromoform	12.22	173	119993	53.020	ug/l #	99
73) Isopropylbenzene	12.34	105	897174	52.765	ug/l	100
74) N-amyl acetate	12.16	43	229635	56.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	137407	50.814	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	221232	94.890	ug/l #	100
77) Bromobenzene	12.62	156	226811	53.392	ug/l	99
78) n-propylbenzene	12.68	91	1038899	52.651	ug/l	100
79) 2-Chlorotoluene	12.77	91	580182	53.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	754371	53.523	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60215	51.788	ug/l	97
82) 4-Chlorotoluene	12.86	91	606587	52.833	ug/l	100
83) tert-Butylbenzene	13.08	119	661271	53.509	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	751531	53.503	ug/l	100
85) sec-Butylbenzene	13.27	105	901119	52.548	ug/l	100
86) p-Isopropyltoluene	13.38	119	843597	52.502	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	425026	52.863	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	424158	53.277	ug/l	100
89) n-Butylbenzene	13.70	91	765161	52.310	ug/l	100
90) Hexachloroethane	13.97	117	159521	54.516	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	385882	53.787	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	25674	50.934	ug/l	96

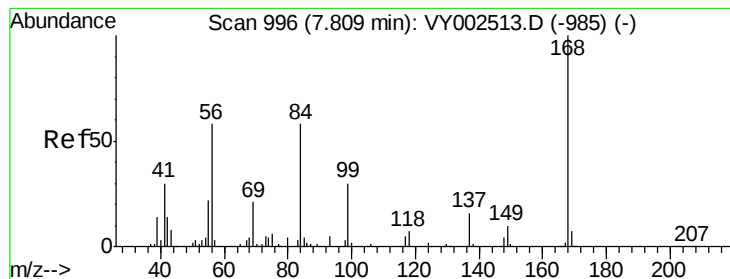
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	276571	53.099	ug/l	100
94) Hexachlorobutadiene	15.12	225	162961	52.123	ug/l	99
95) Naphthalene	15.25	128	519522	54.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	239057	54.064	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

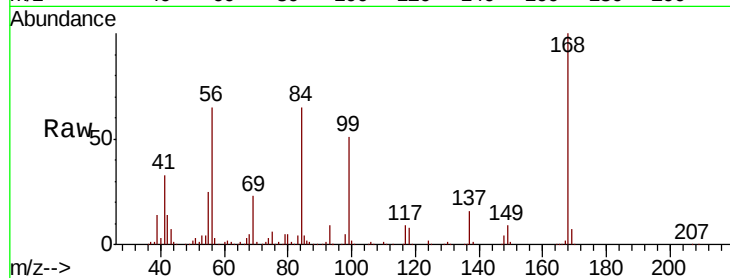
VSTDCCC050EC

Tot Ion:168 Resp: 364107

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

150000

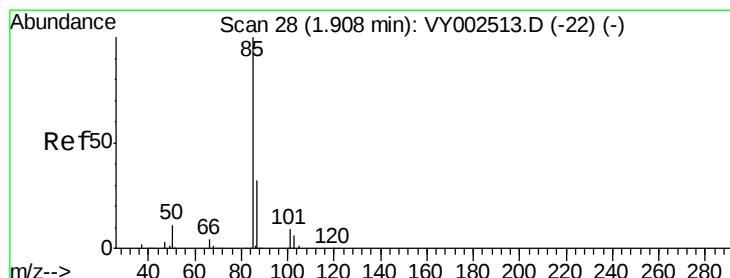
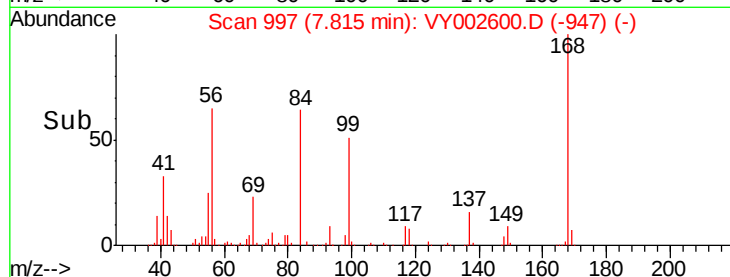
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.227 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002600.D

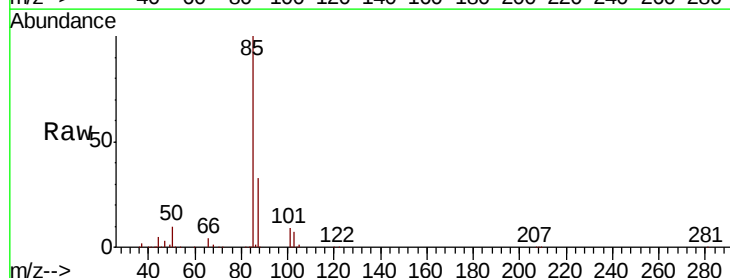
Acq: 05 May 2020 21:02

Tgt Ion: 85 Resp: 148017

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

120000

100000

80000

60000

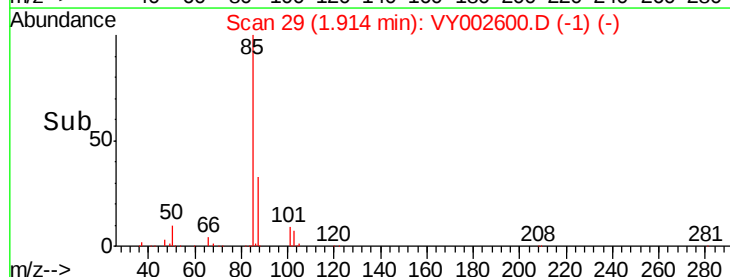
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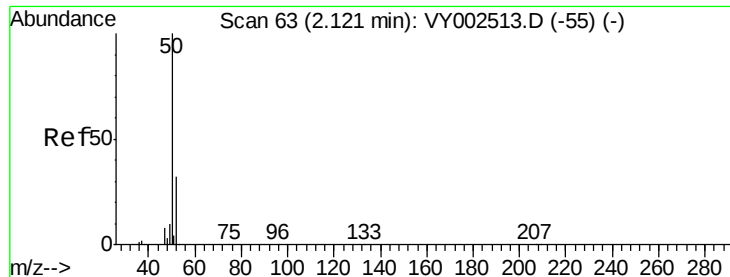
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 53.893 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

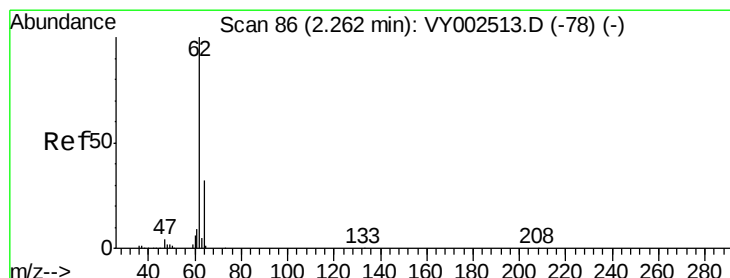
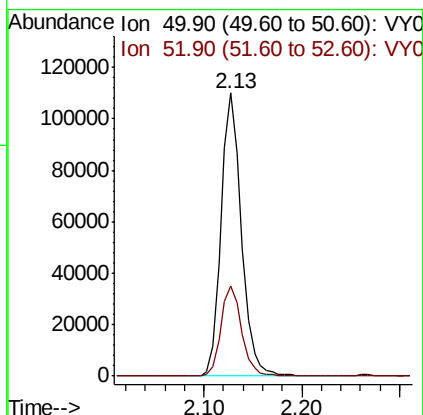
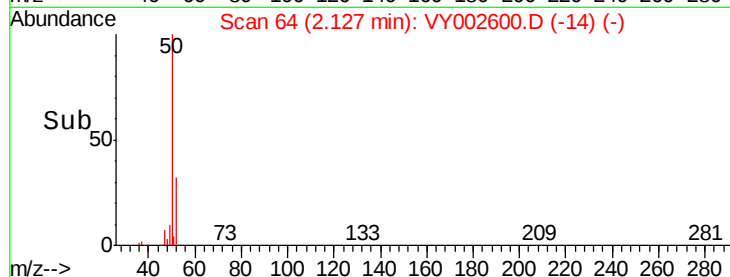
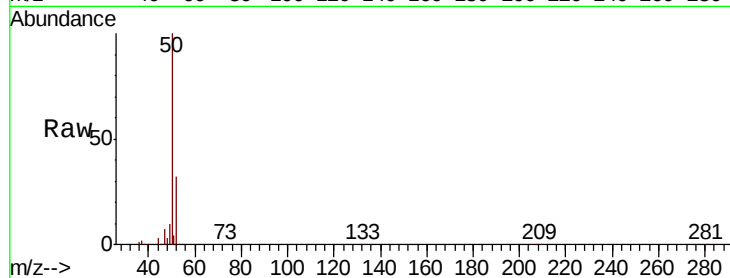
VSTDCCC050EC

Tot Ion: 50 Resp: 158982

Ion Ratio Lower Upper

50 100

52 31.8 25.9 38.9



#4

Vinyl Chloride

Concen: 52.541 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002600.D

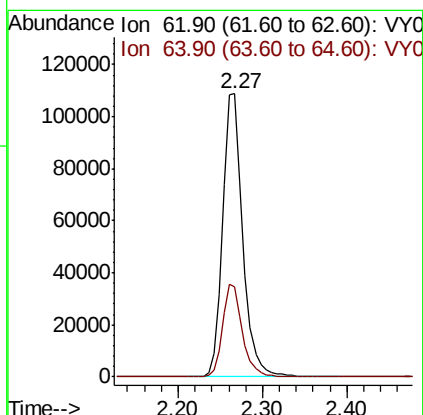
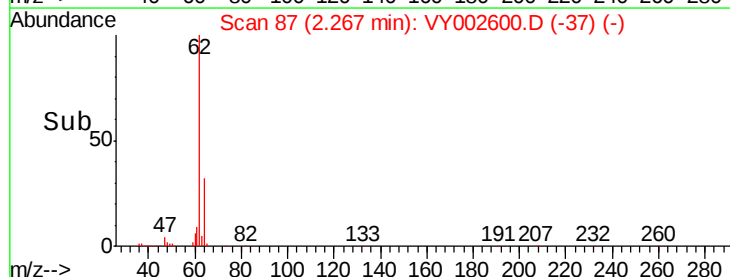
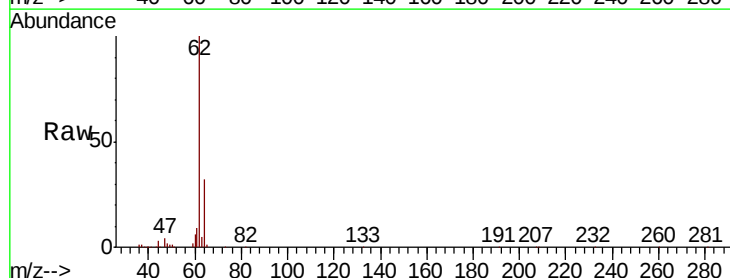
Acq: 05 May 2020 21:02

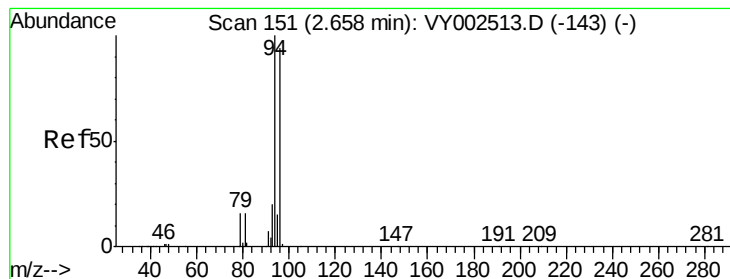
Tgt Ion: 62 Resp: 178969

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 54.507 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

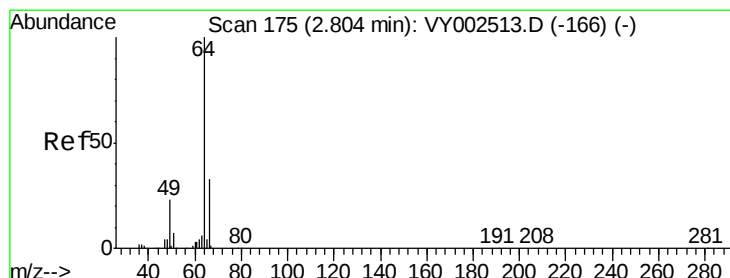
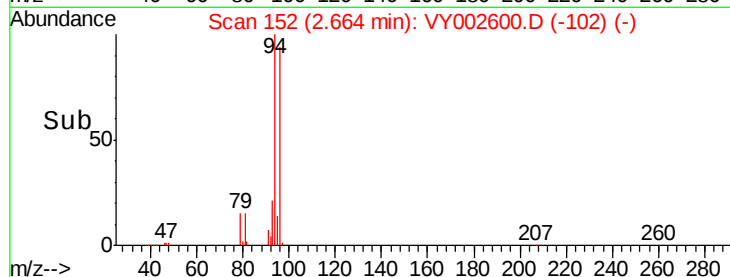
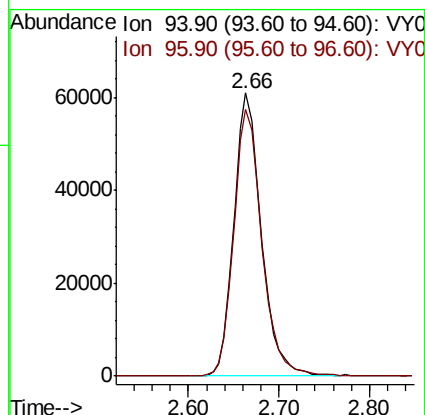
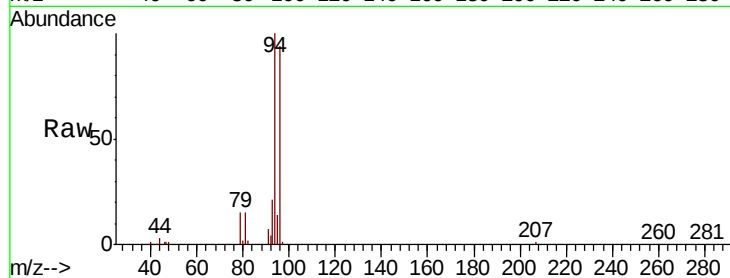
VSTDCCC050EC

Tot Ion: 94 Resp: 128039

Ion Ratio Lower Upper

94 100

96 93.9 74.9 112.3



#6

Chloroethane

Concen: 54.124 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002600.D

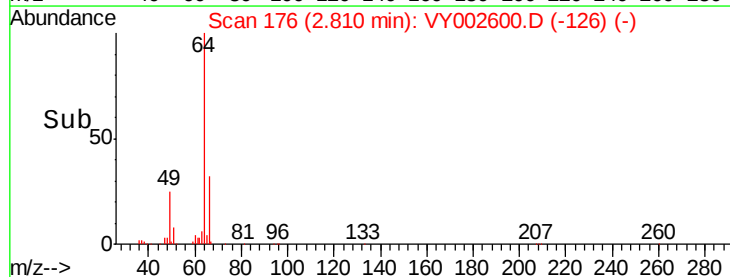
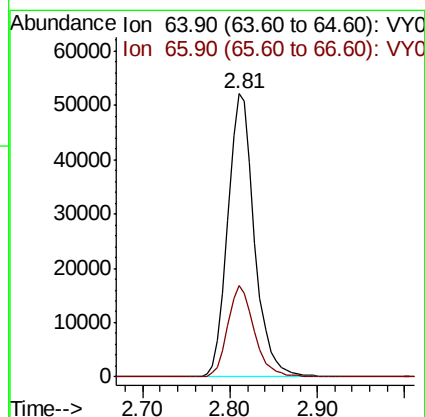
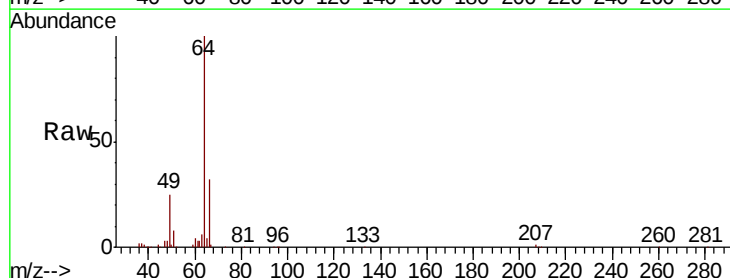
Acq: 05 May 2020 21:02

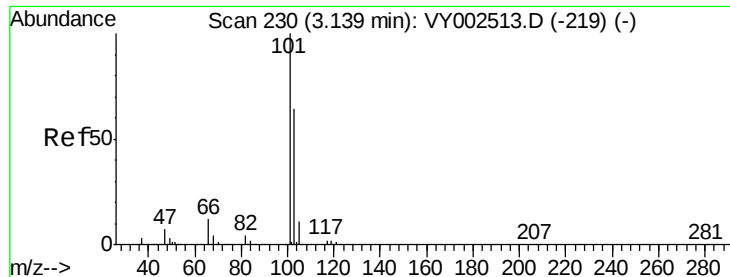
Tgt Ion: 64 Resp: 110082

Ion Ratio Lower Upper

64 100

66 32.5 26.3 39.5





#7

Trichlorofluoromethane

Concen: 51.714 ug/l

RT: 3.15 min Scan# 231

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

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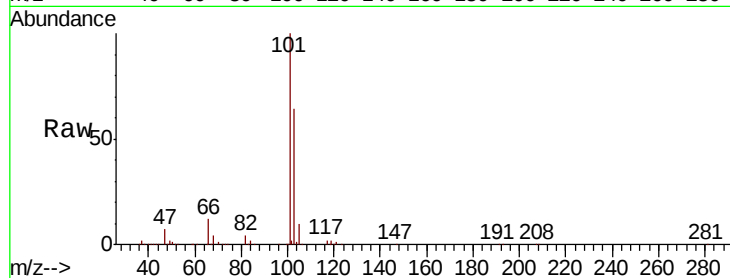
VSTDCCC050EC

Tot Ion:101 Resp: 273007

Ion Ratio Lower Upper

101 100

103 64.4 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.15

120000

100000

80000

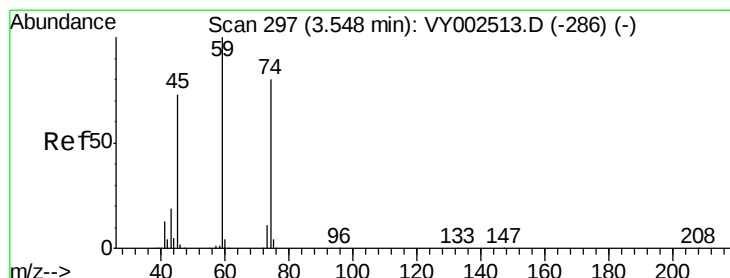
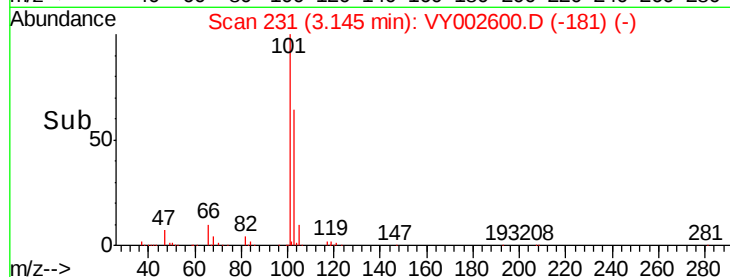
60000

40000

20000

0

Time--> 3.00 3.10 3.20 3.30



#8

Diethyl Ether

Concen: 58.358 ug/l

RT: 3.55 min Scan# 298

Delta R.T. 0.01 min

Lab File: VY002600.D

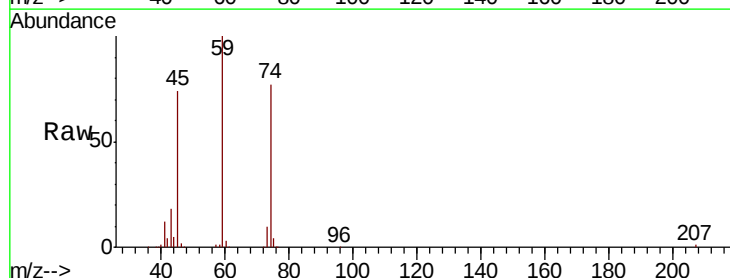
Acq: 05 May 2020 21:02

Tgt Ion: 74 Resp: 103532

Ion Ratio Lower Upper

74 100

45 90.7 46.2 138.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

50000

40000

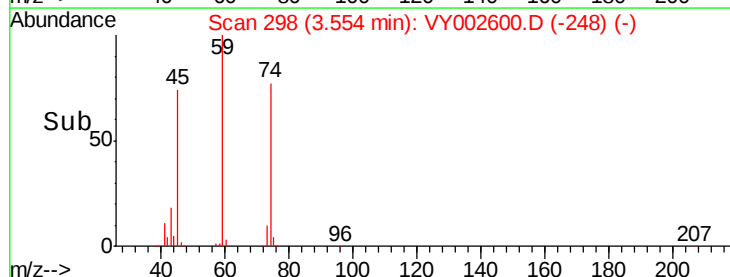
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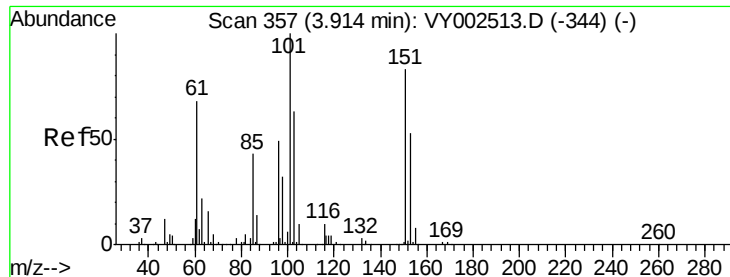
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10000

0

Time--> 3.40 3.50 3.60 3.70





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.315 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

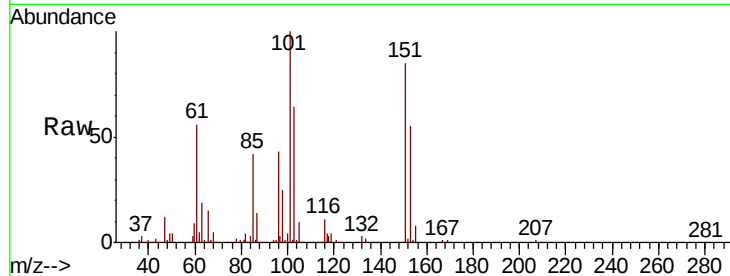
Tot Ion:101 Resp: 168796

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.2

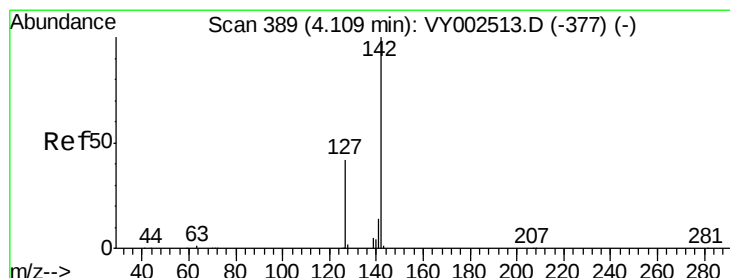
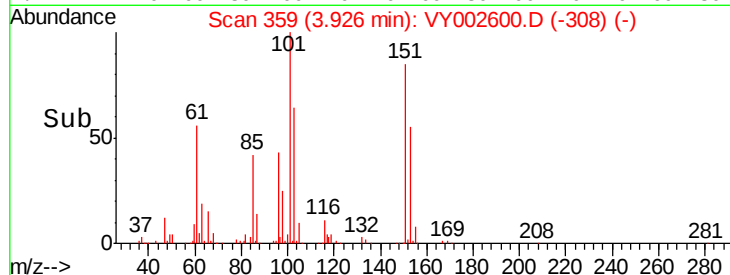
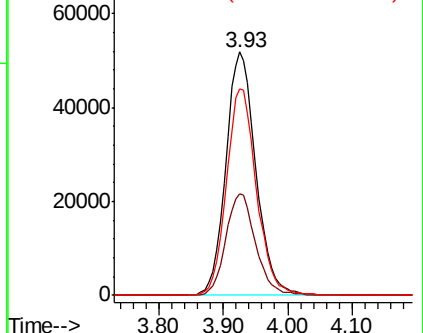
151 85.0 66.8 100.2



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: 58.108 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

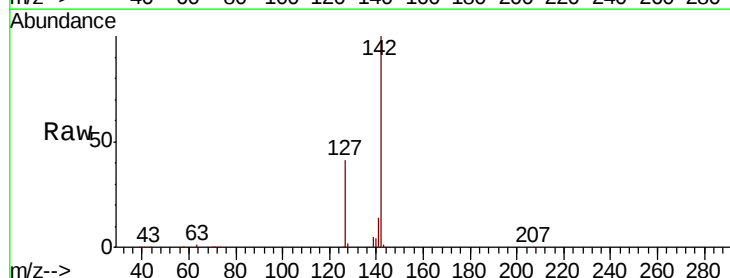
Tgt Ion:142 Resp: 255428

Ion Ratio Lower Upper

142 100

127 41.0 33.7 50.5

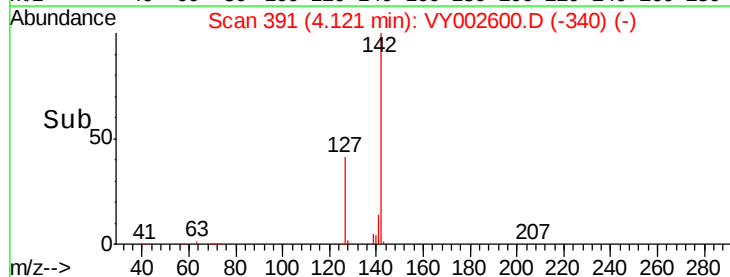
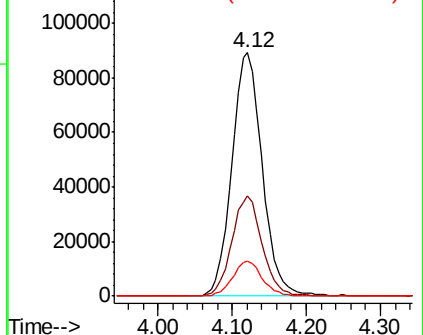
141 14.0 11.4 17.0

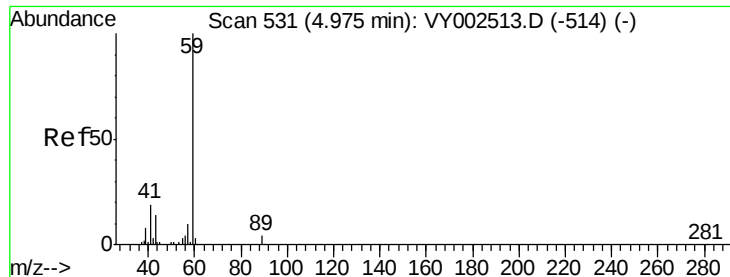


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



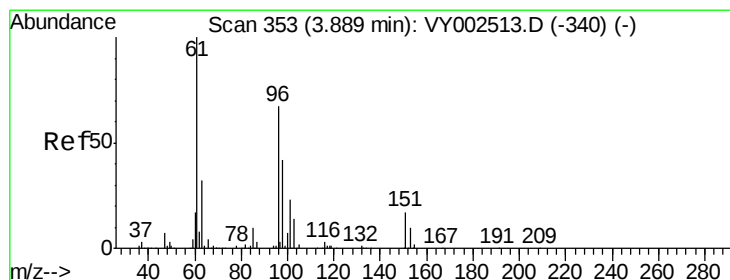
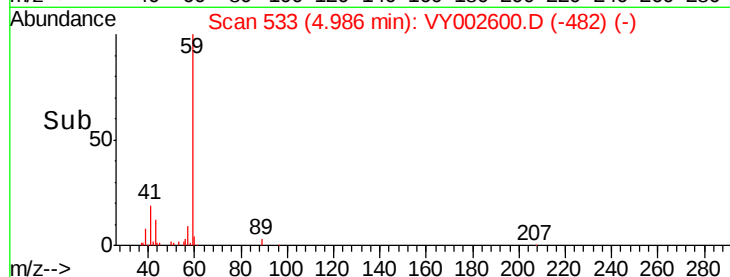
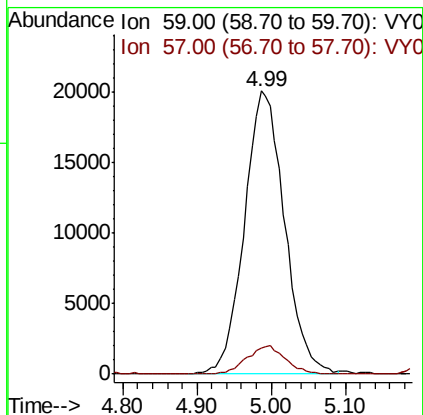
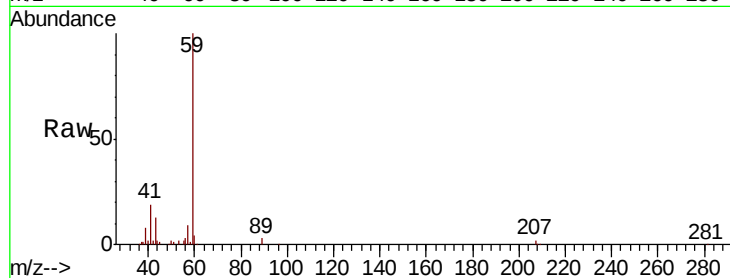


#11

Tert butyl alcohol
Concen: 240.557 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

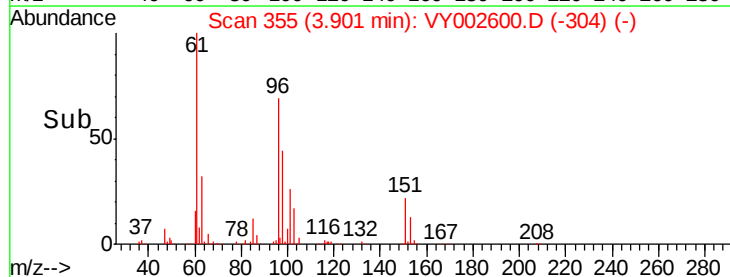
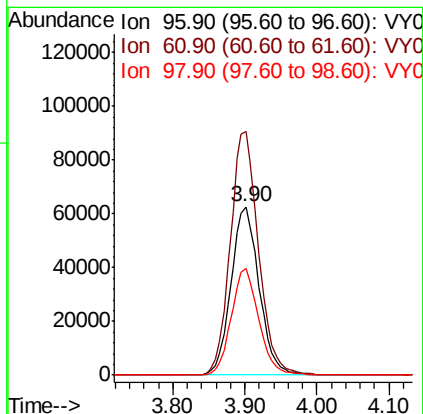
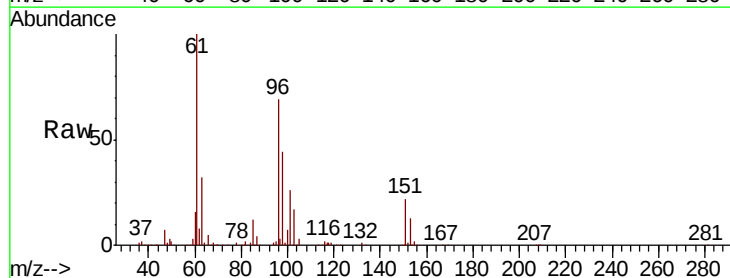
Tot Ion: 59 Resp: 75769
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6

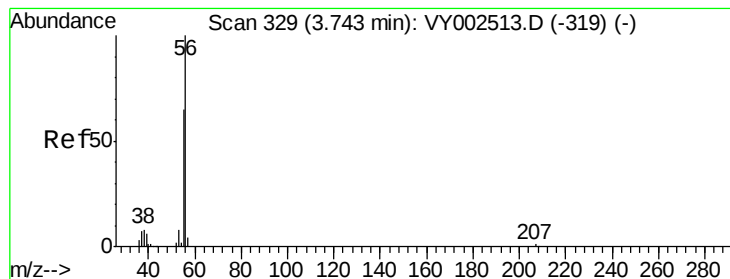


#12

1,1-Dichloroethene
Concen: 54.238 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 96 Resp: 170006
Ion Ratio Lower Upper
96 100
61 144.6 118.8 178.2
98 63.0 49.6 74.4





#13

Acrolein

Concen: 208.751 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

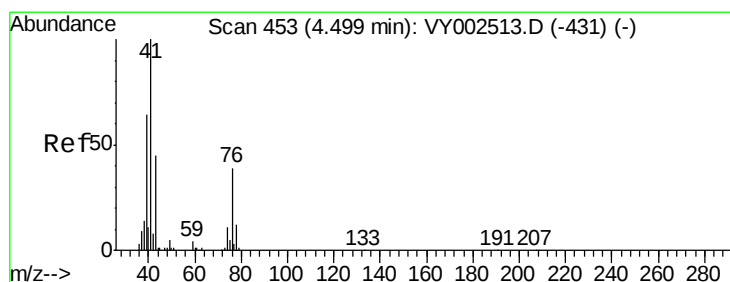
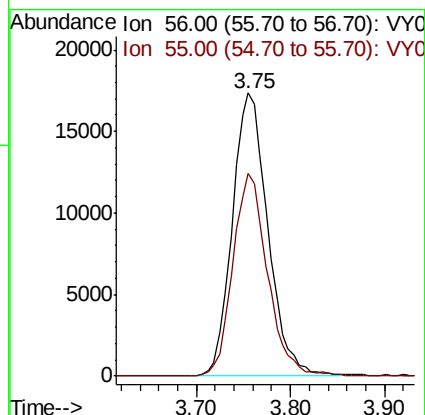
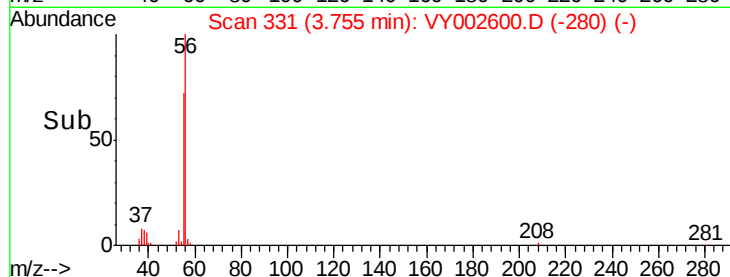
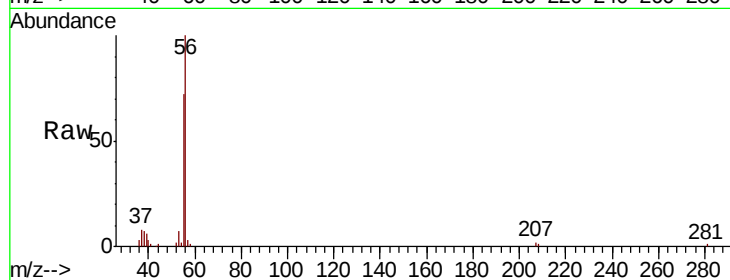
VSTDCCC050EC

Tot Ion: 56 Resp: 45467

Ion Ratio Lower Upper

56 100

55 69.7 53.8 80.6



#14

Allyl chloride

Concen: 56.708 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

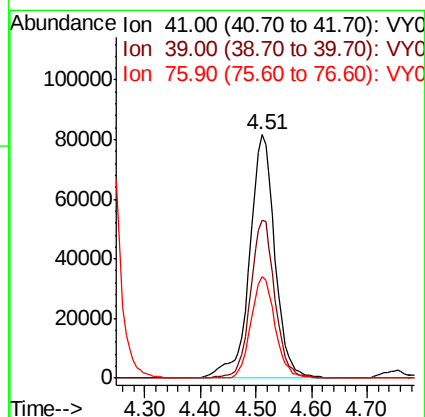
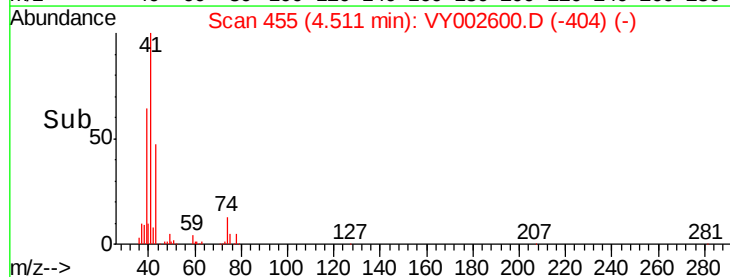
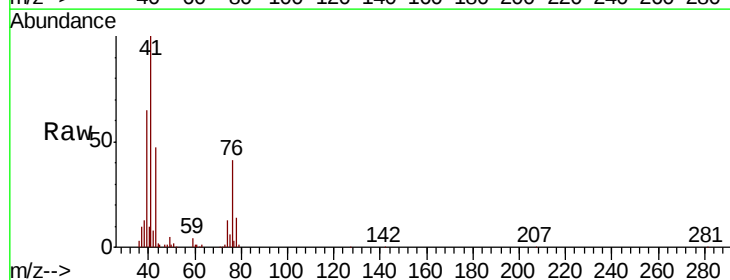
Tgt Ion: 41 Resp: 258980

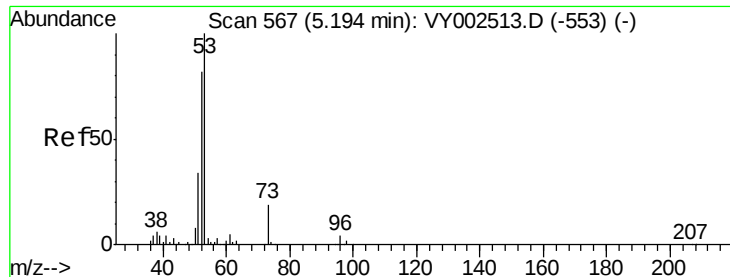
Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.6

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 278.879 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

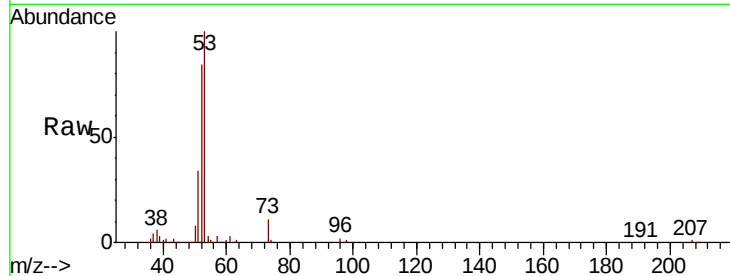
Tot Ion: 53 Resp: 233316

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.0

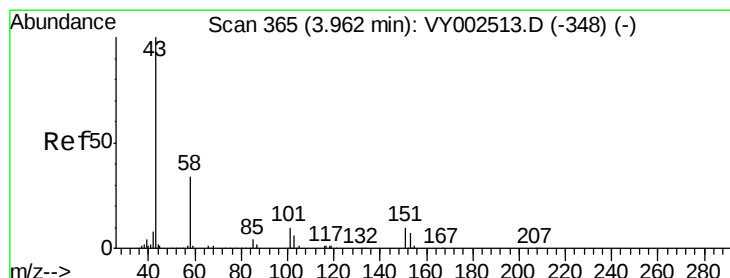
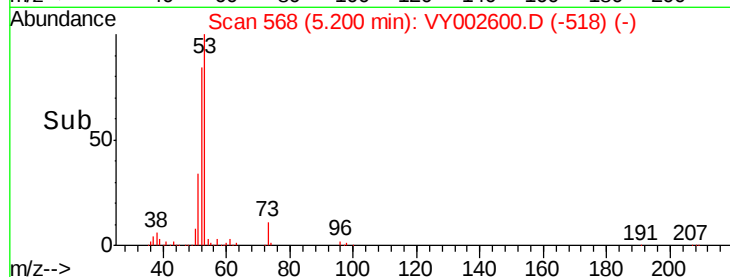
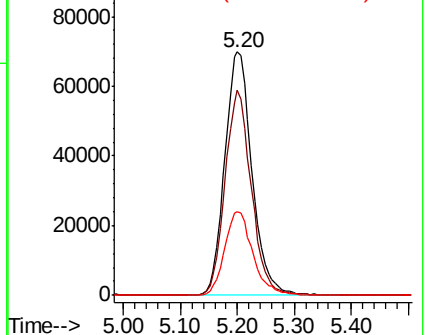
51 35.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 260.443 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002600.D

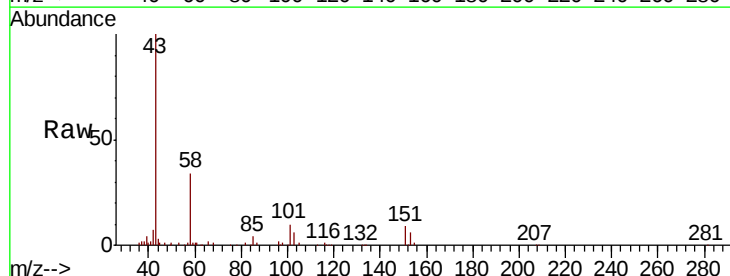
Acq: 05 May 2020 21:02

Tgt Ion: 43 Resp: 164554

Ion Ratio Lower Upper

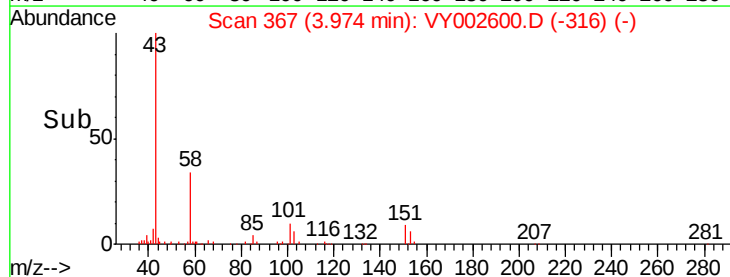
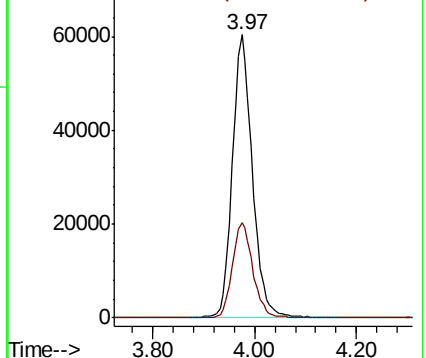
43 100

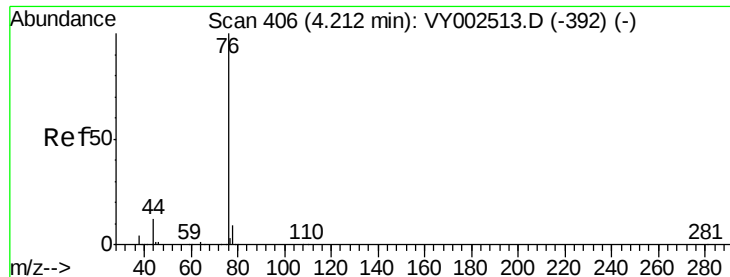
58 33.8 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 54.717 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

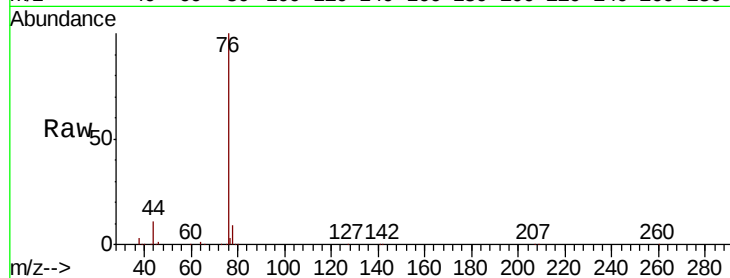
VSTDCCC050EC

Tot Ion: 76 Resp: 515954

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

200000

150000

100000

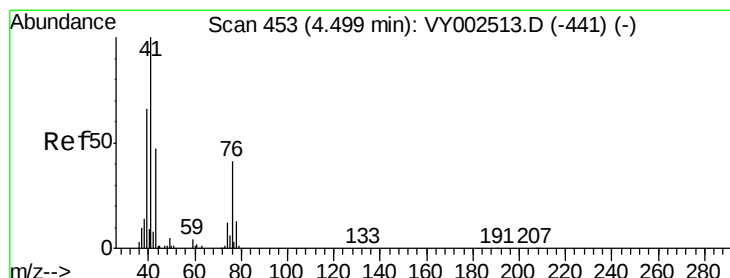
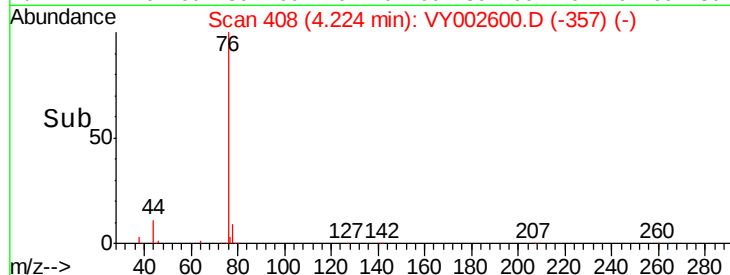
50000

0

4.20

4.40

Time-->



#18

Methyl Acetate

Concen: 54.960 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002600.D

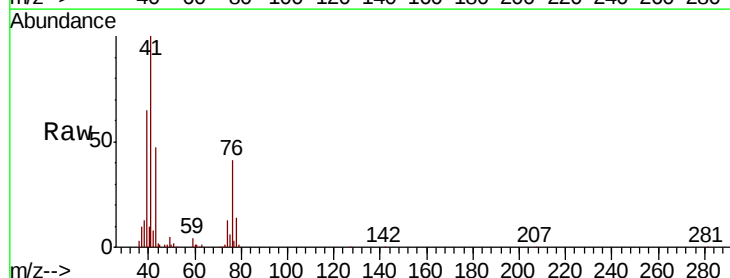
Acq: 05 May 2020 21:02

Tgt Ion: 43 Resp: 116024

Ion Ratio Lower Upper

43 100

74 25.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.51

40000

30000

20000

10000

0

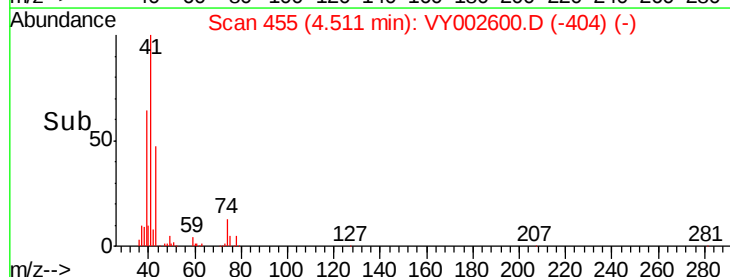
4.40

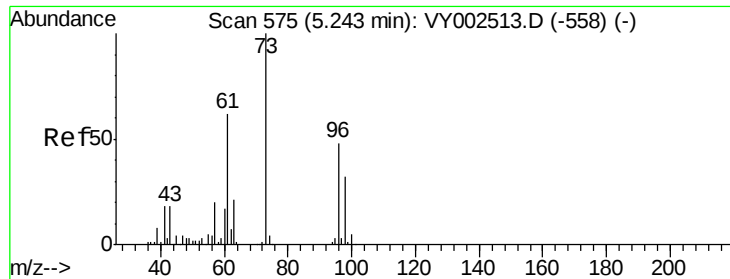
4.50

4.60

4.70

Time-->



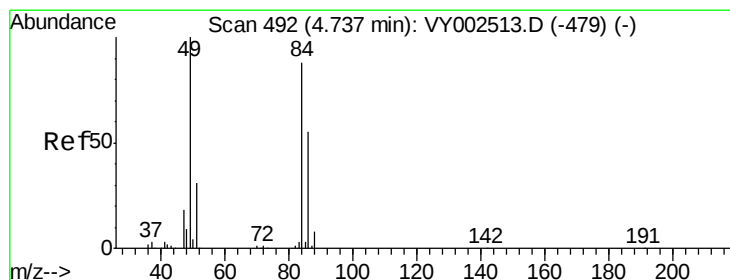
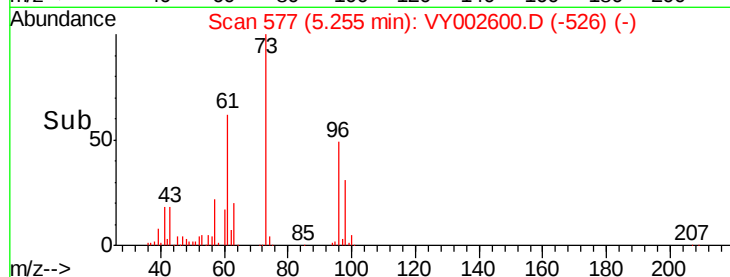
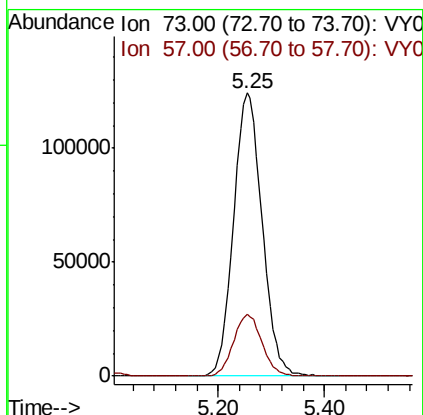
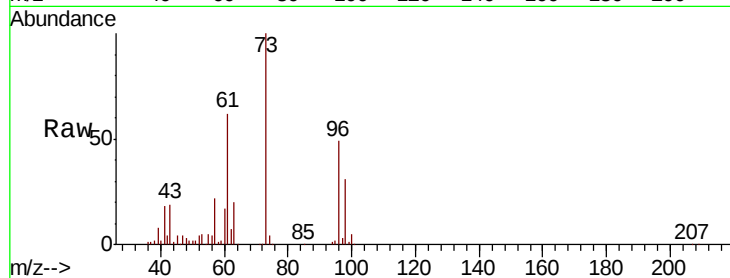


#19

Methyl tert-butyl Ether
 Concen: 56.694 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

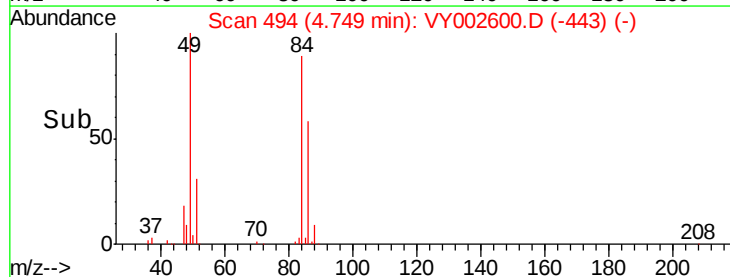
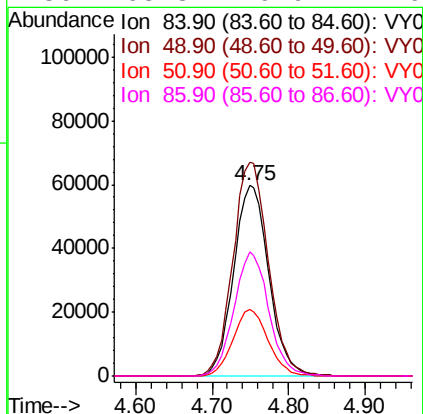
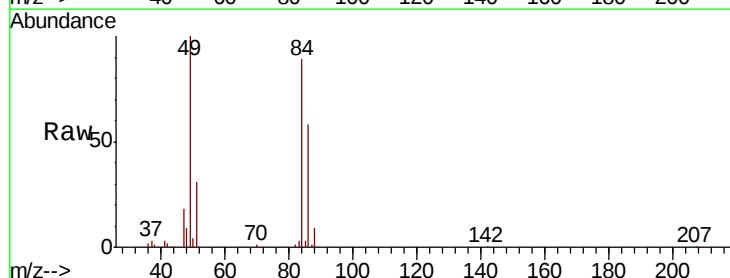
Tot Ion: 73 Resp: 463625
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.3 24.5

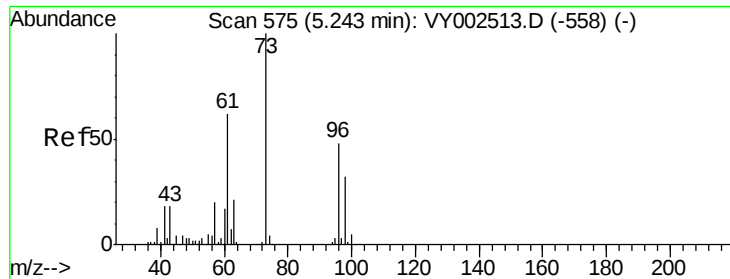


#20

Methylene Chloride
 Concen: 54.018 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion: 84 Resp: 190857
 Ion Ratio Lower Upper
 84 100
 49 112.1 90.5 135.7
 51 34.7 28.3 42.5
 86 65.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.654 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

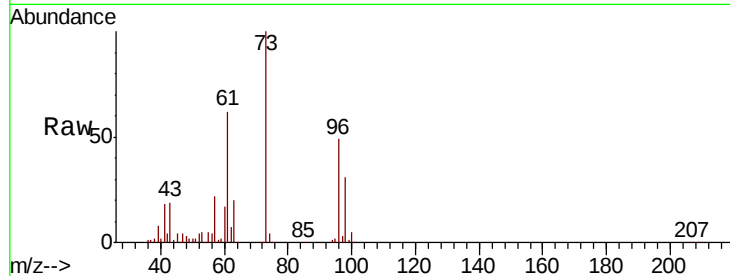
Tot Ion: 96 Resp: 190663

Ion Ratio Lower Upper

96 100

61 126.7 102.0 153.0

98 63.5 53.0 79.4

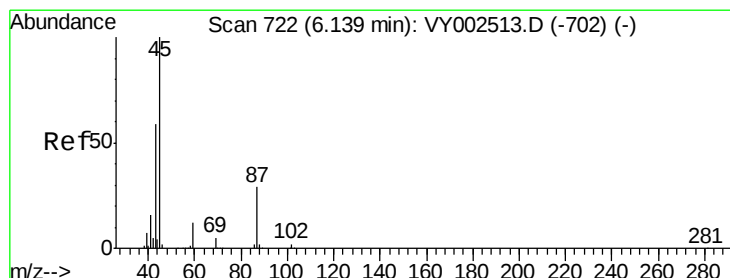
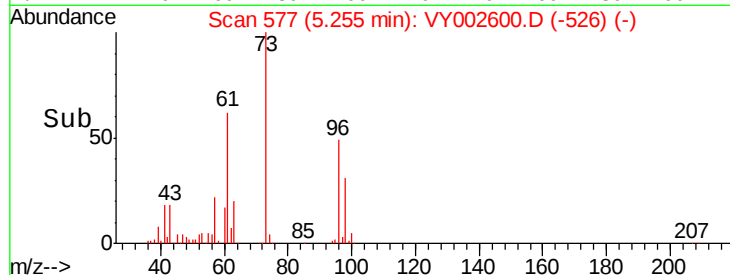
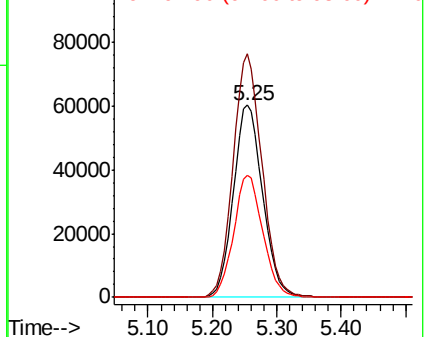


Abundance

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: 58.341 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion: 45 Resp: 539106

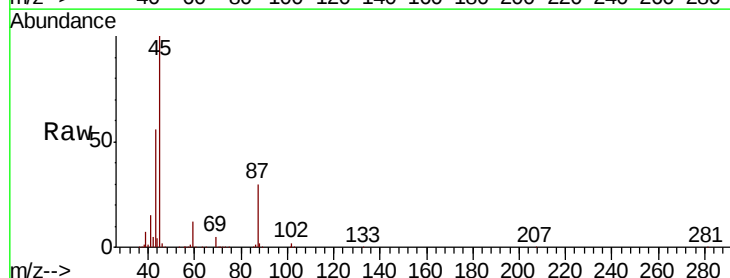
Ion Ratio Lower Upper

45 100

43 55.4 47.4 71.0

87 30.0 24.0 36.0

59 11.8 9.8 14.8



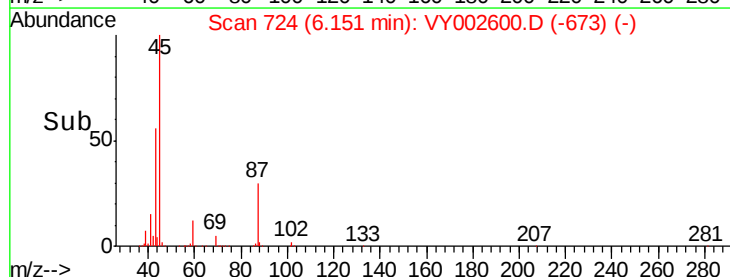
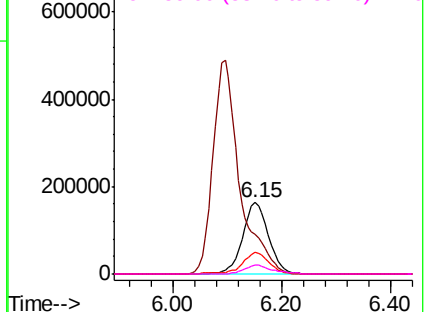
Abundance

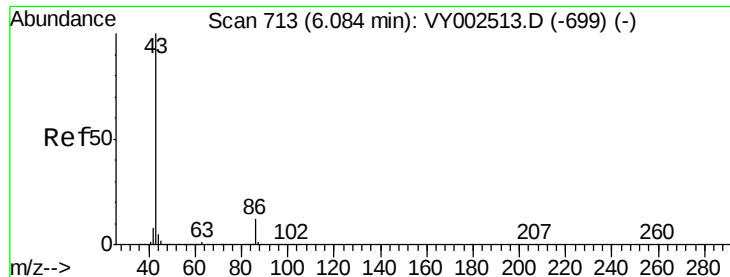
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 285.928 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

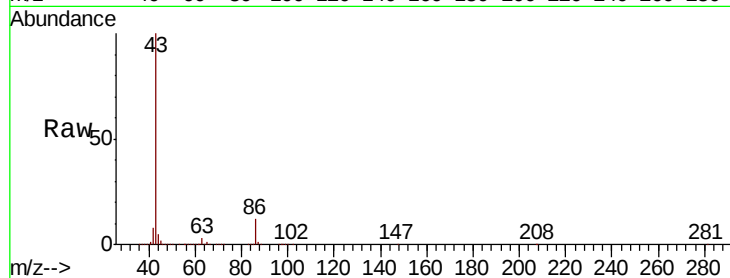
VSTDCCC050EC

Tot Ion: 43 Resp: 1661629

Ion Ratio Lower Upper

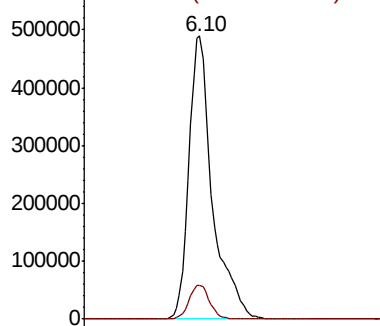
43 100

86 11.9 9.8 14.6

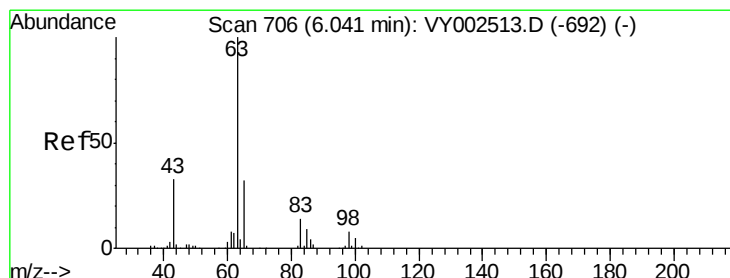
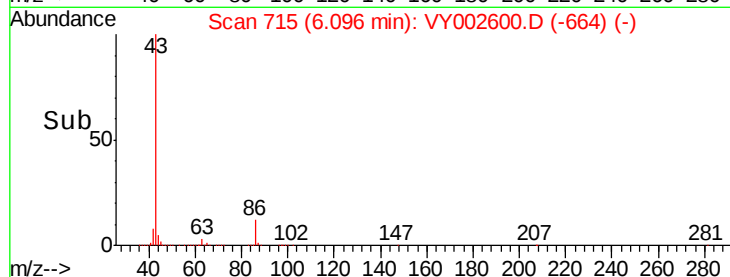


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 57.365 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

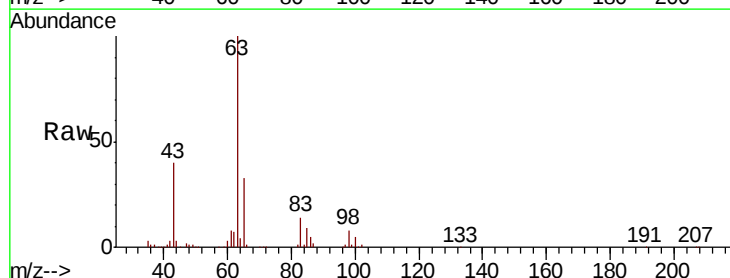
Tgt Ion: 63 Resp: 313593

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

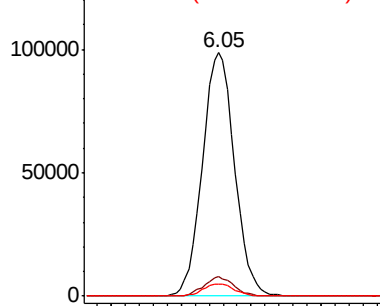
100 4.8 2.4 7.2



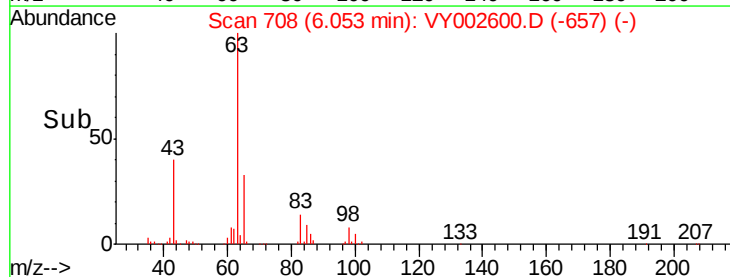
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->

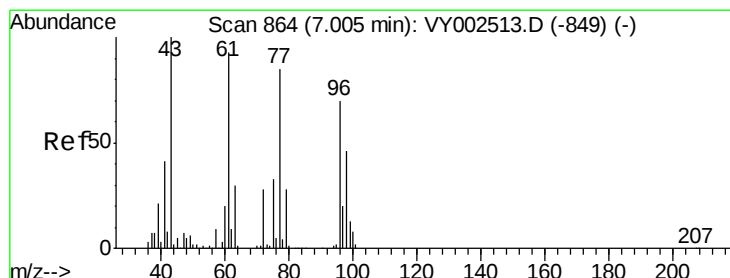
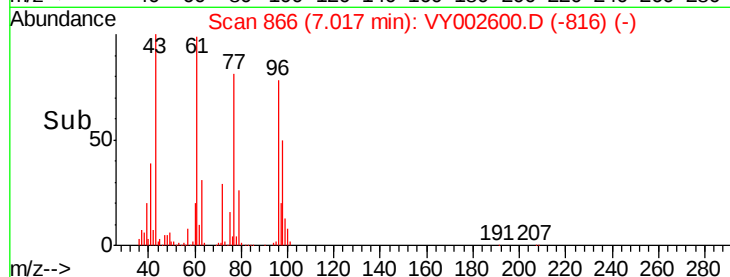
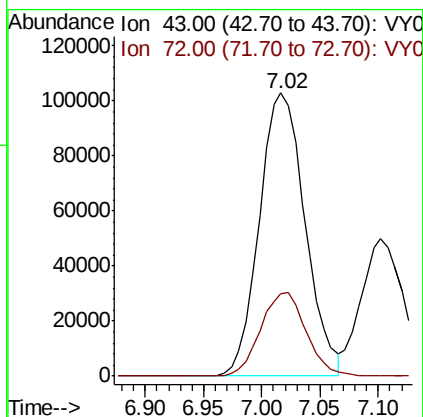
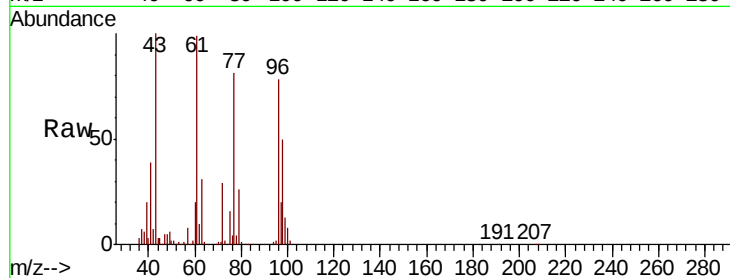




#25
2-Butanone
Concen: 270.651 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

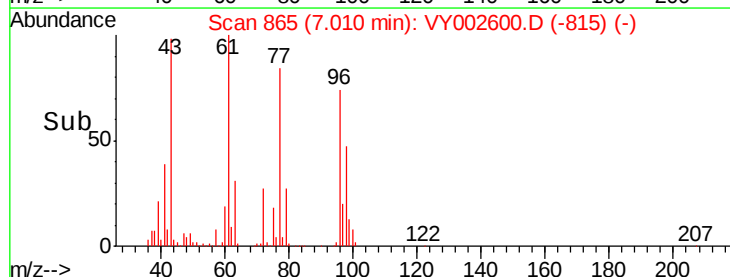
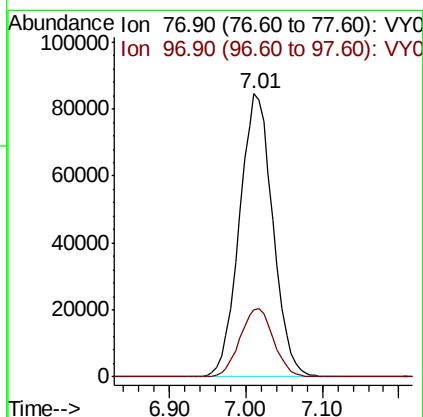
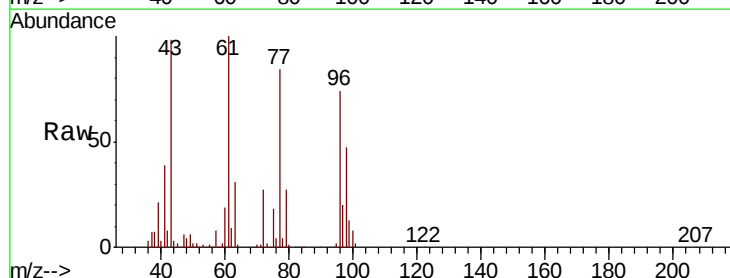
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 279922
Ion Ratio Lower Upper
43 100
72 29.2 24.1 36.1



#26
2,2-Dichloropropane
Concen: 49.269 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 77 Resp: 256016
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.5



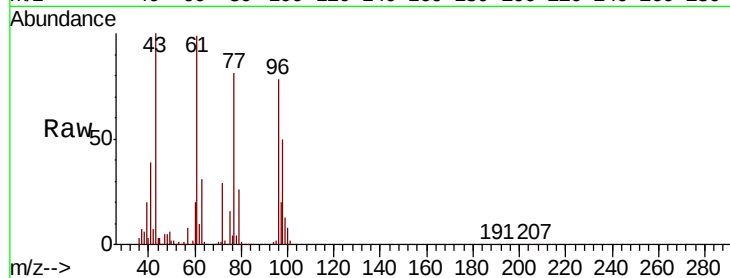


#27

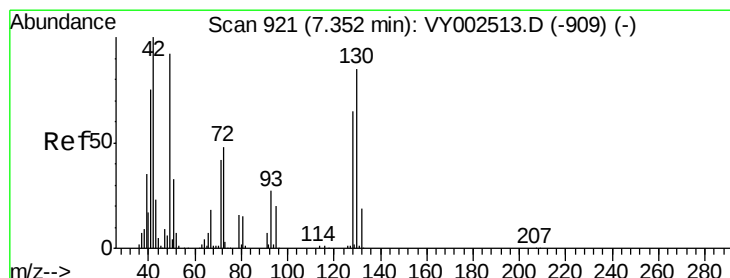
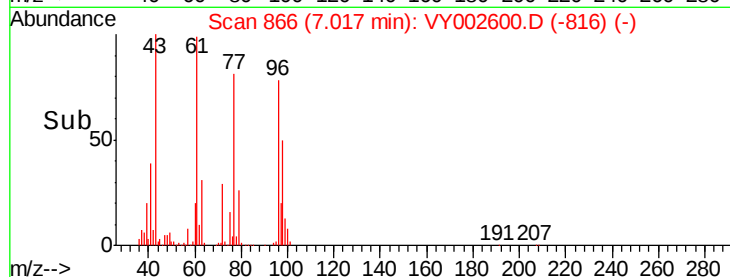
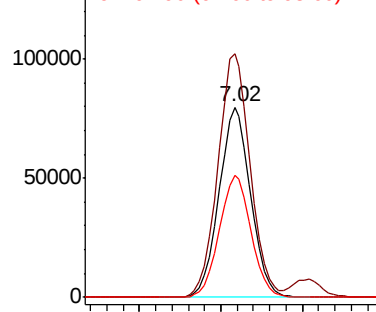
cis-1,2-Dichloroethene
 Concen: 56.633 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	266.6
98	64.6	0.0	129.2



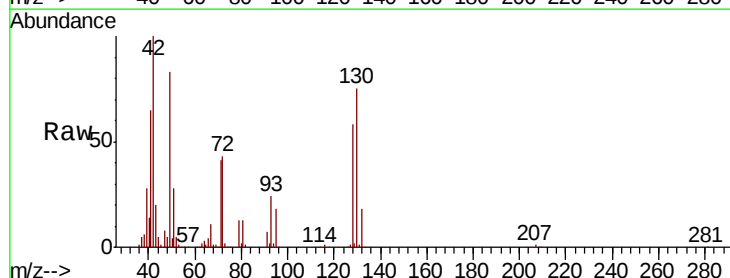
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



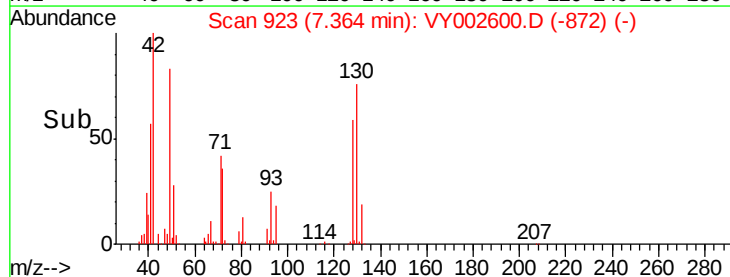
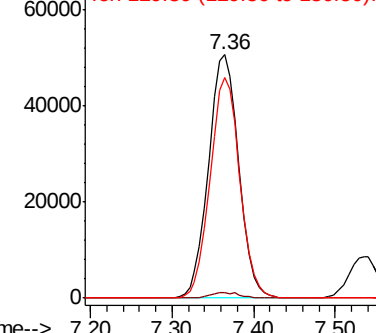
#28

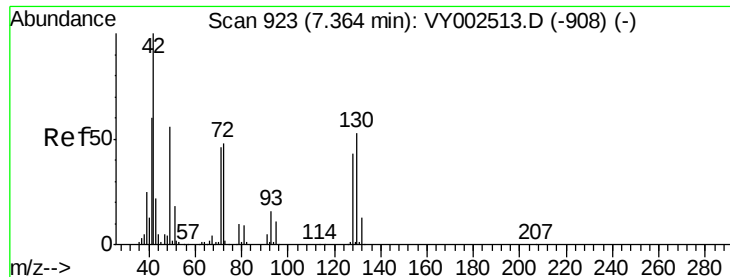
Bromochloromethane
 Concen: 57.918 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	89.0	72.5	108.7



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





#29

Tetrahydrofuran

Concen: 280.787 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

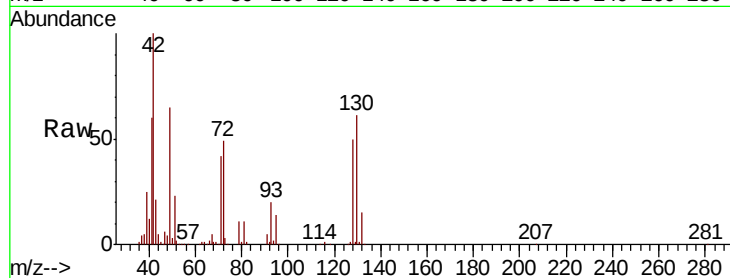
Tot Ion: 42 Resp: 192137

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

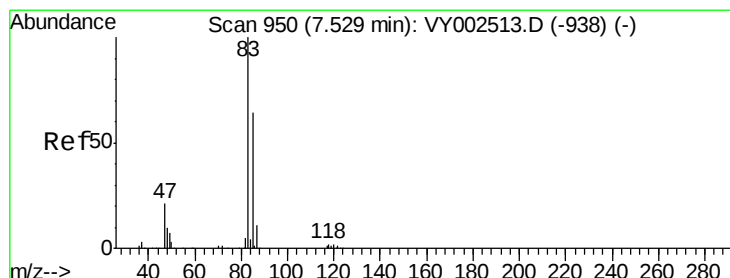
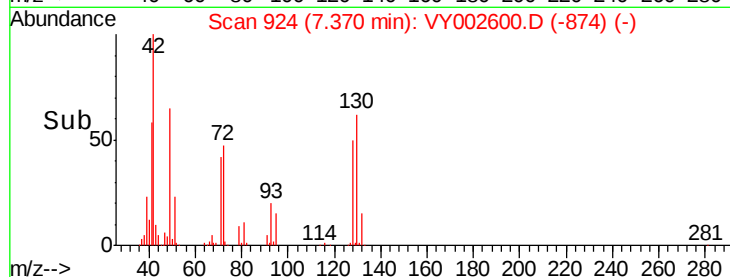
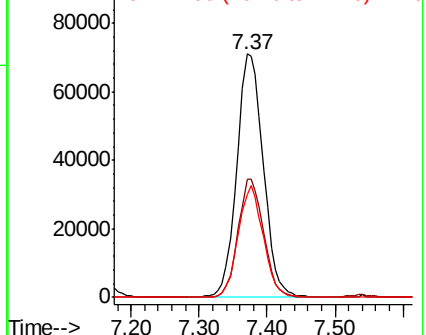
71 43.4 35.0 52.4



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: 56.013 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002600.D

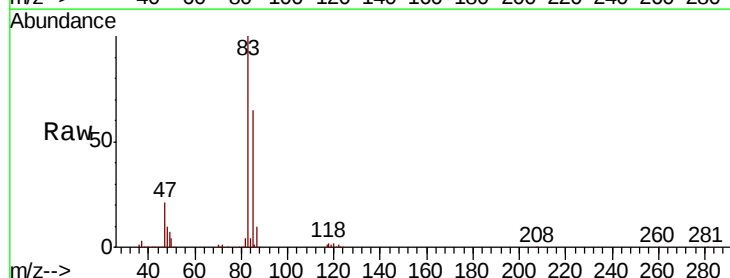
Acq: 05 May 2020 21:02

Tgt Ion: 83 Resp: 318383

Ion Ratio Lower Upper

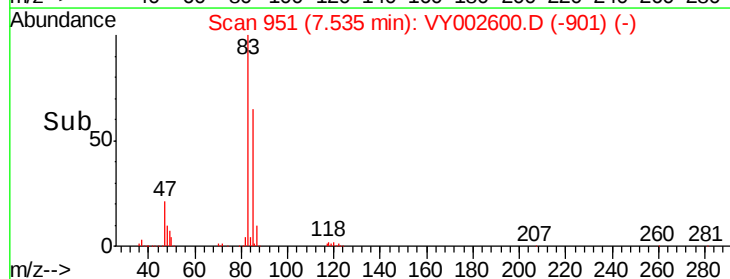
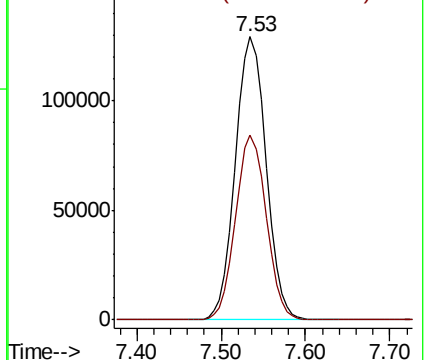
83 100

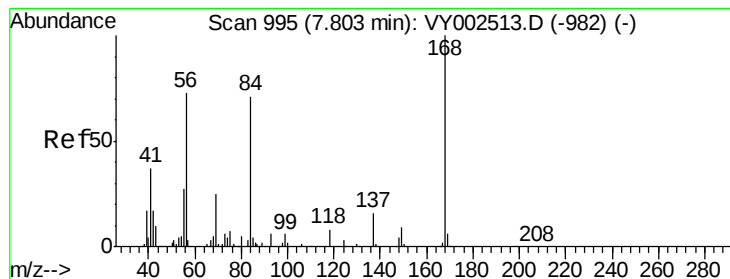
85 65.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 50.934 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

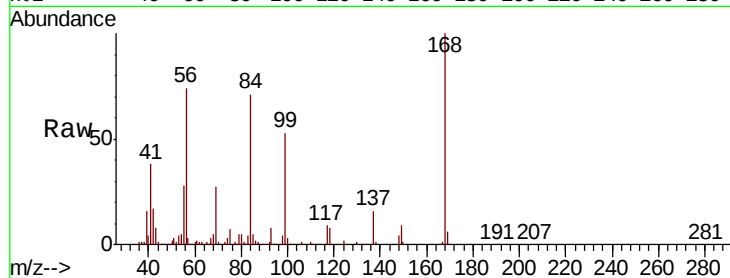
Tot Ion: 56 Resp: 280272

Ion Ratio Lower Upper

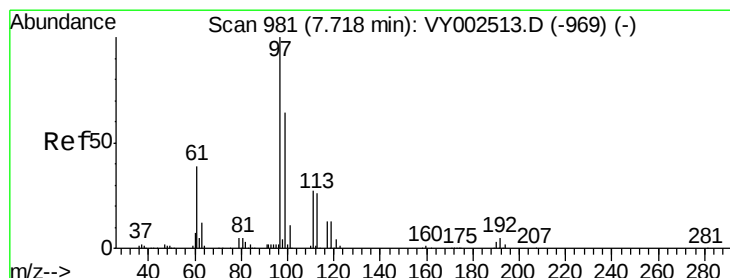
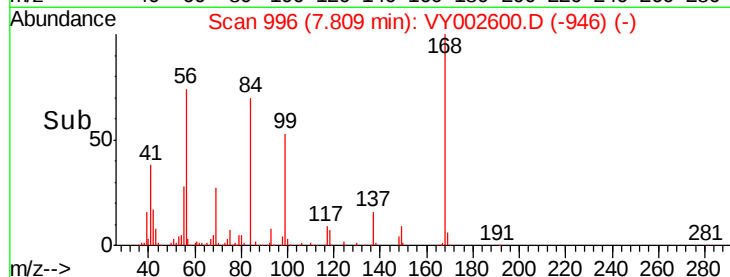
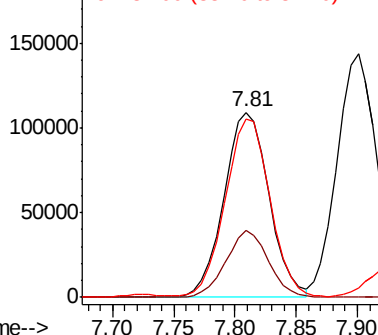
56 100

69 36.1 27.6 41.4

84 94.8 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 53.563 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

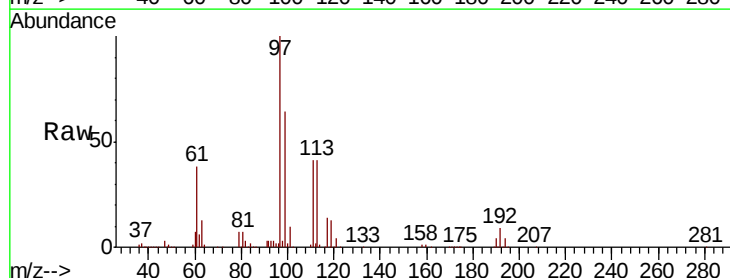
Tgt Ion: 97 Resp: 282984

Ion Ratio Lower Upper

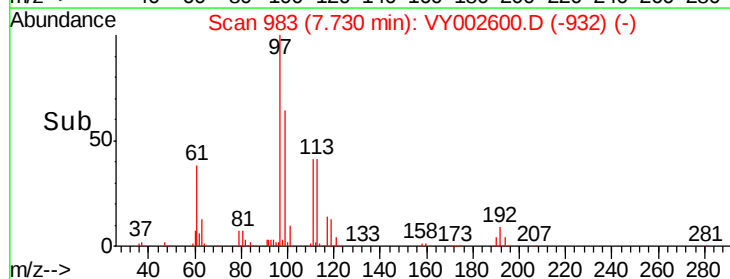
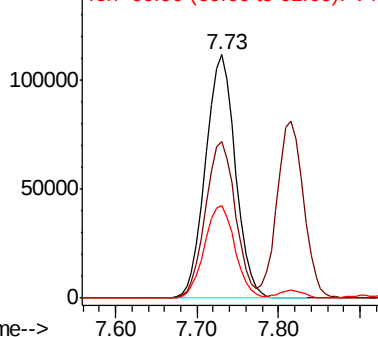
97 100

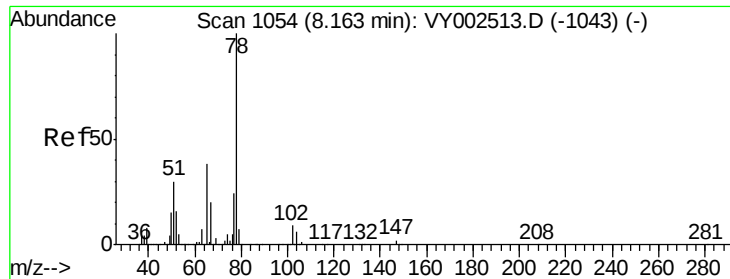
99 64.9 51.9 77.9

61 38.7 31.0 46.6



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

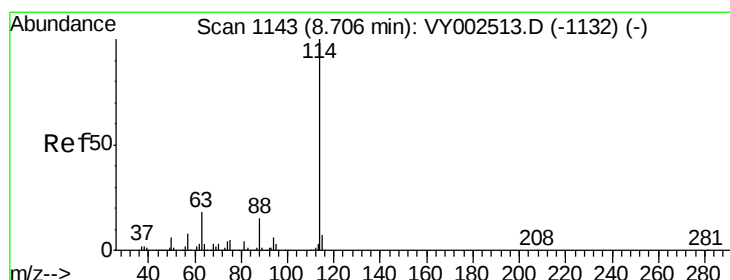
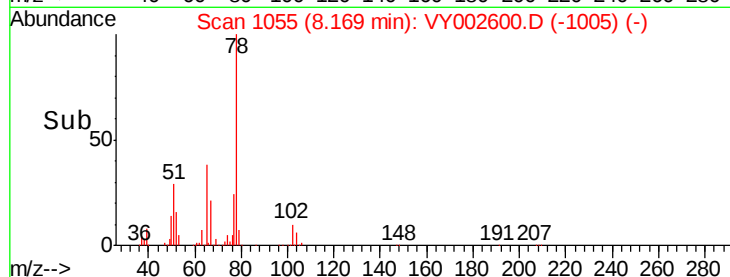
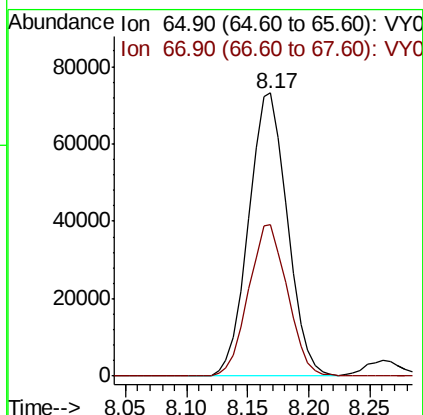
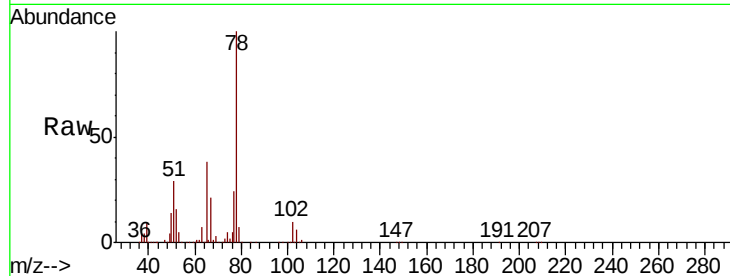




#33
 1,2-Dichloroethane-d4
 Concen: 52.621 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

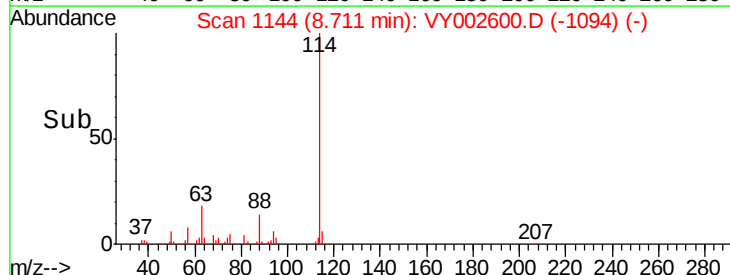
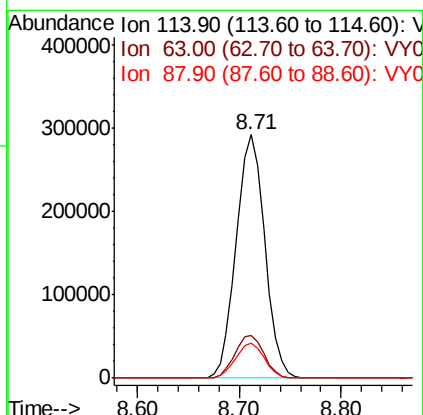
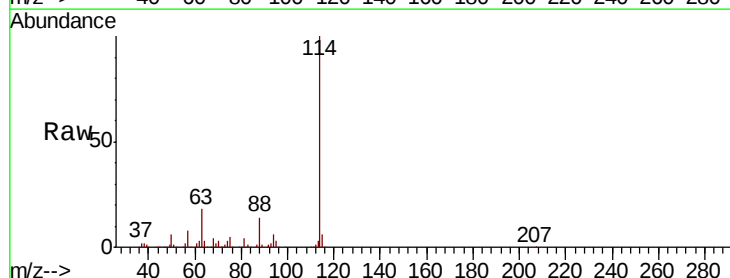
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

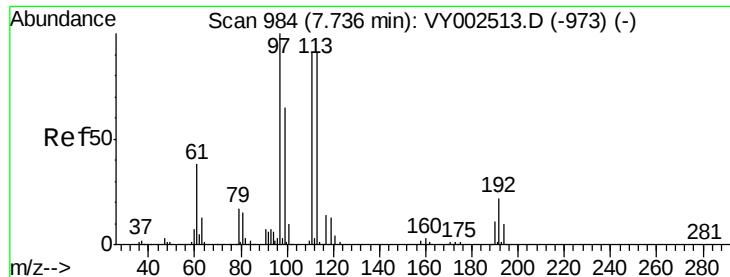
Tot Ion: 65 Resp: 161099
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion: 114 Resp: 567187
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.4
 88 14.3 0.0 29.6

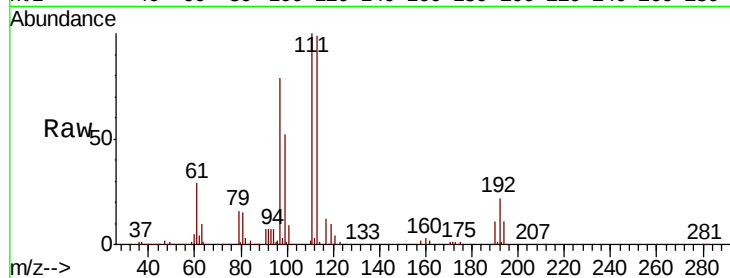




#35
 Dibromofluoromethane
 Concen: 52.509 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	22.4	18.2	27.4

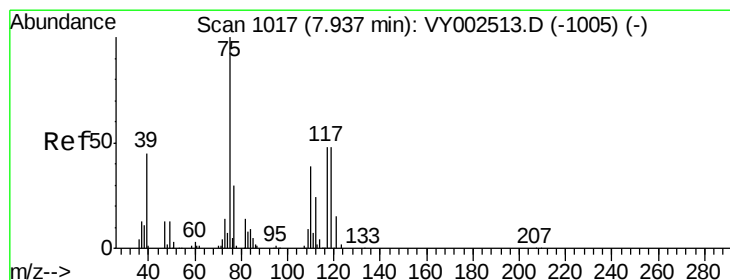
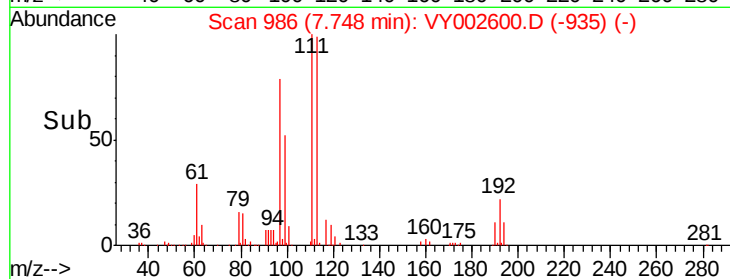
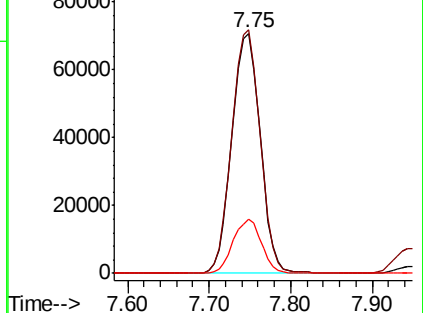


Abundance

Ion 112.80 (112.50 to 113.50): V

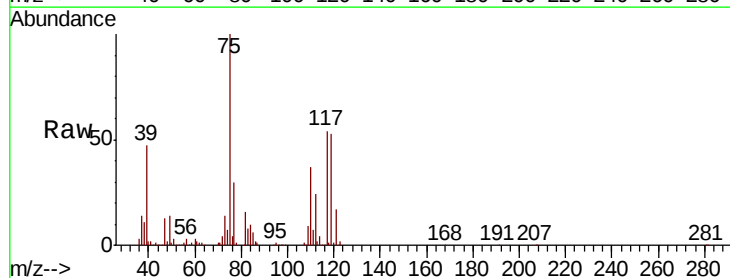
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.237 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.1	57.3
77	31.0	24.6	37.0

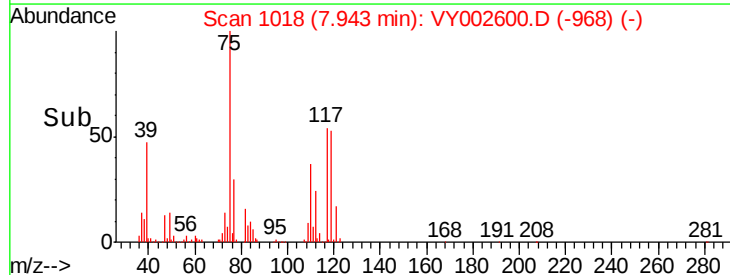
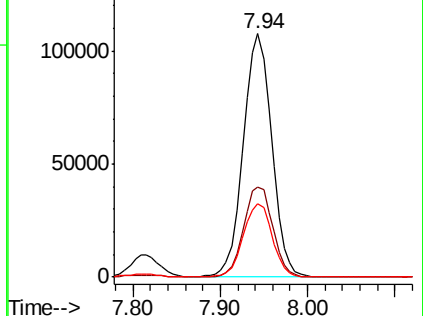


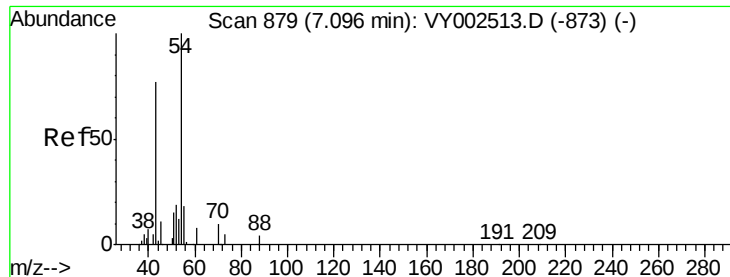
Abundance

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

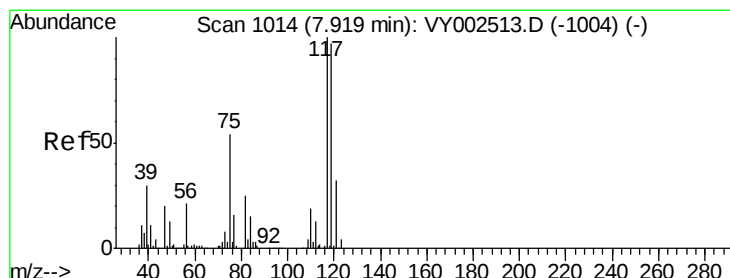
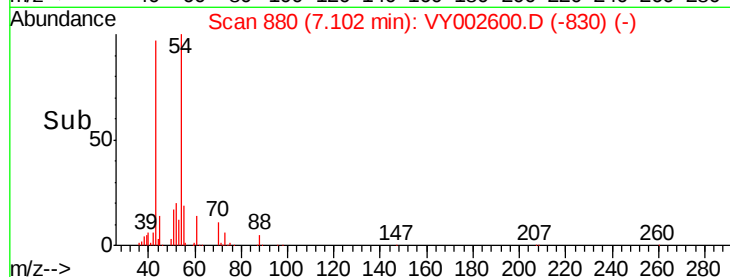
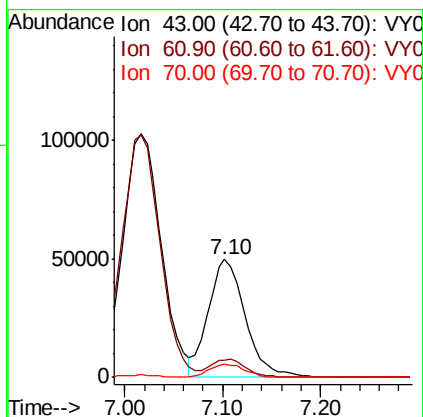
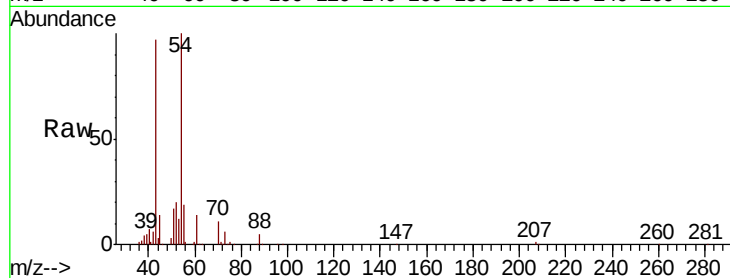




#37
Ethyl Acetate
Concen: 53.591 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

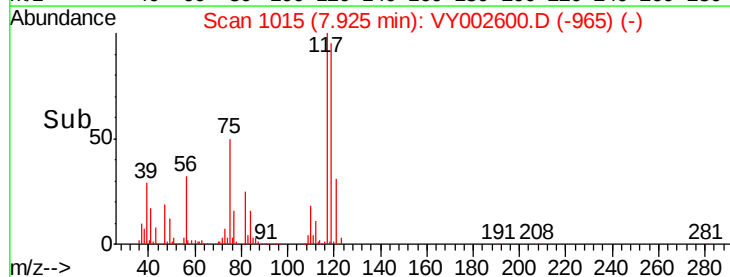
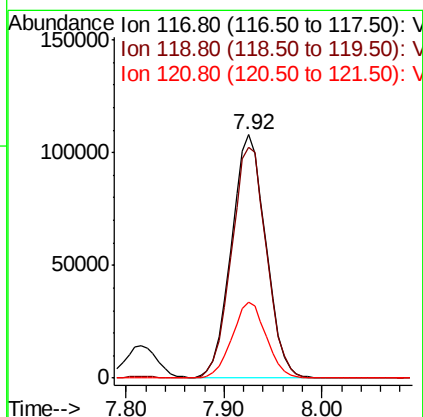
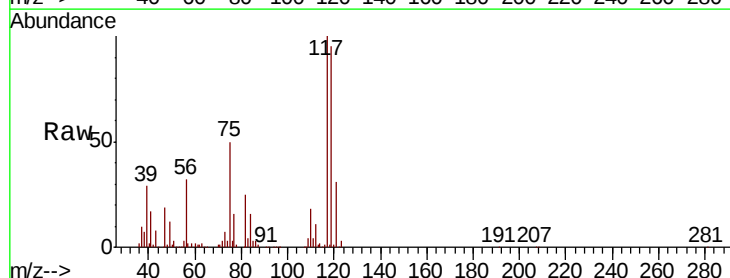
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

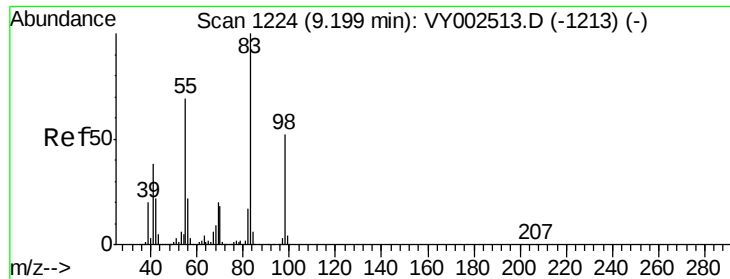
Tot Ion: 43 Resp: 130942
Ion Ratio Lower Upper
43 100
61 14.1 11.6 17.4
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.793 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 117 Resp: 263668
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
121 31.3 25.2 37.8

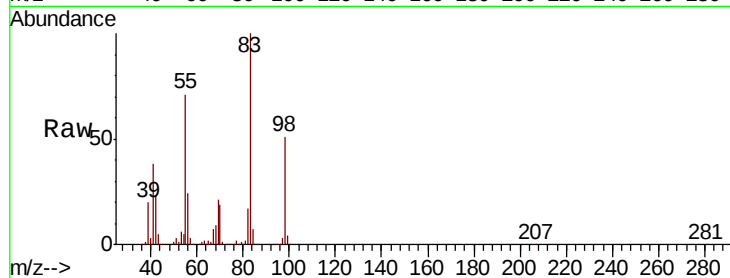




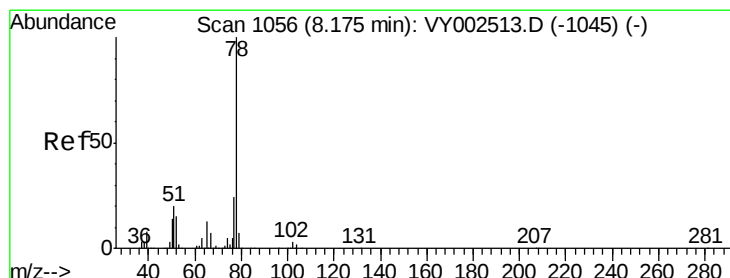
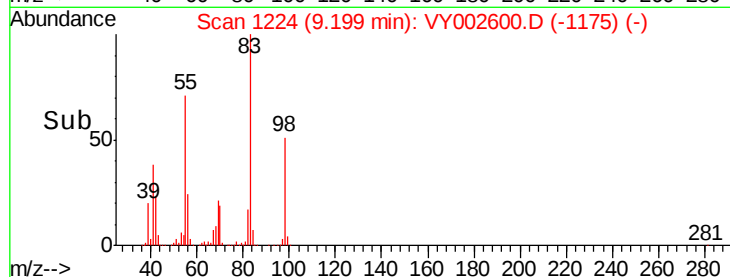
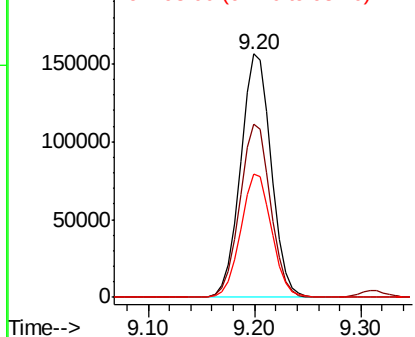
#39
Methvlcvclohexane
Concen: 50.288 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 315814
Ion Ratio Lower Upper
83 100
55 71.4 55.4 83.0
98 50.8 41.3 61.9

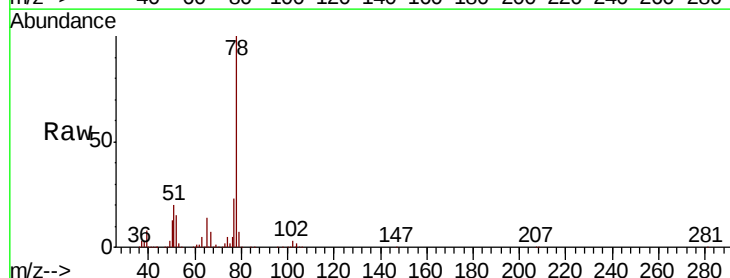


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

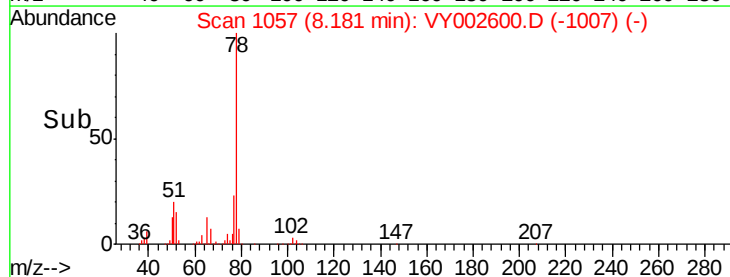
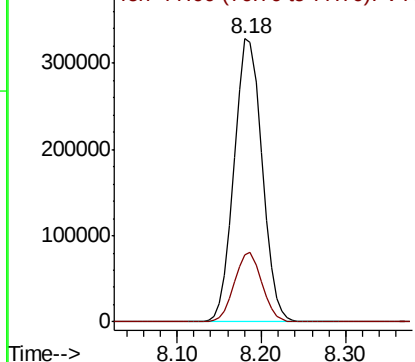


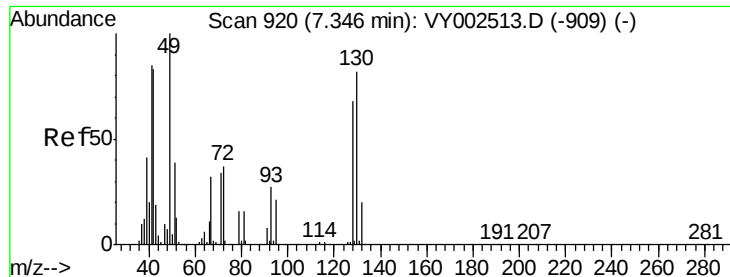
#40
Benzene
Concen: 53.598 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 78 Resp: 736058
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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

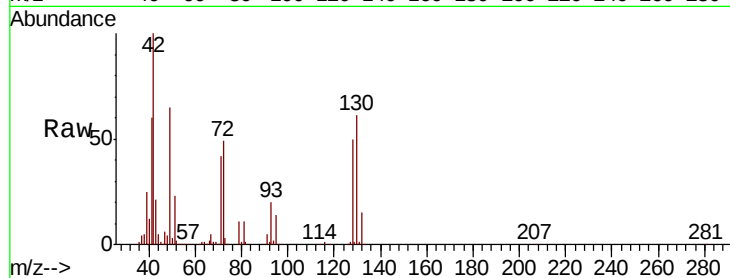




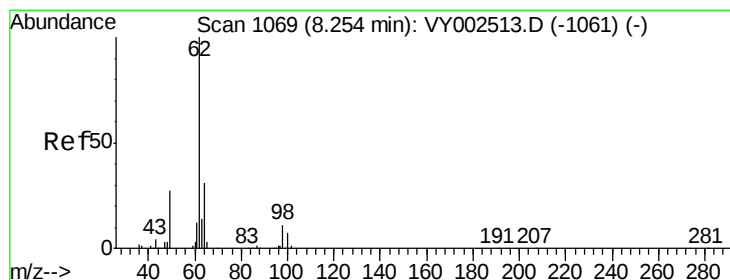
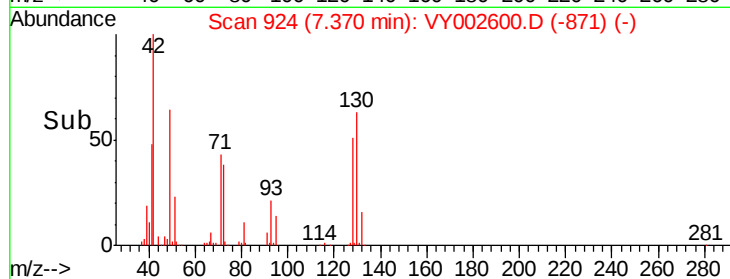
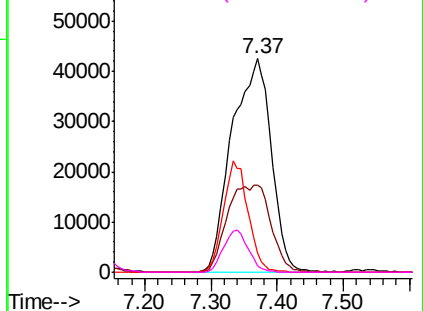
#41
Methacrylonitrile
Concen: 134.009 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	176051
Ion	Ratio	Lower	Upper
41	100		
39	44.8	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

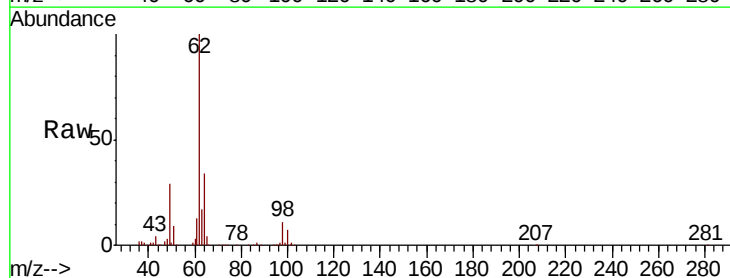


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

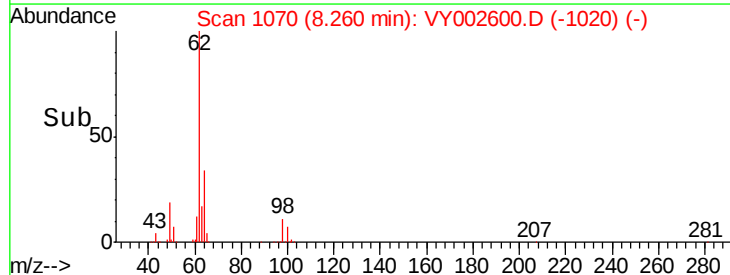
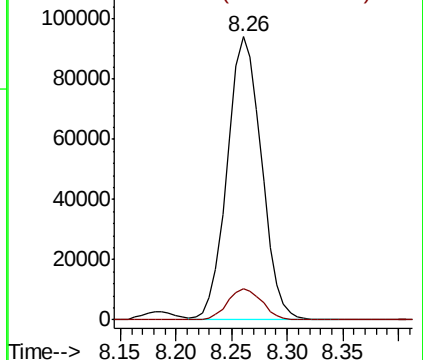


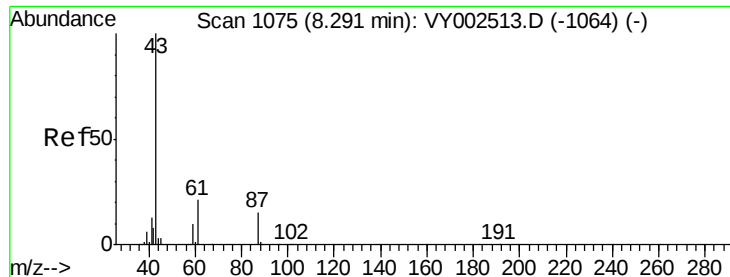
#42
1,2-Dichloroethane
Concen: 52.218 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:	62	Resp:	201147
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 54.142 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

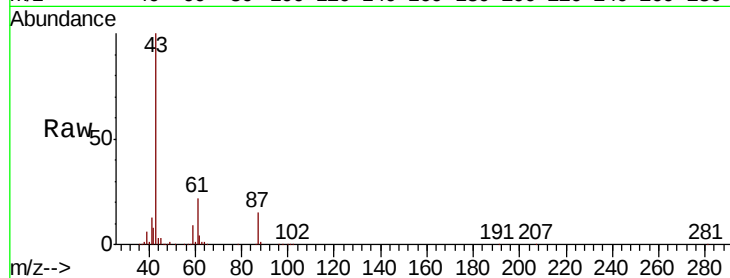
Tot Ion: 43 Resp: 248004

Ion Ratio Lower Upper

43 100

61 30.8 24.8 37.2

87 15.3 12.2 18.2

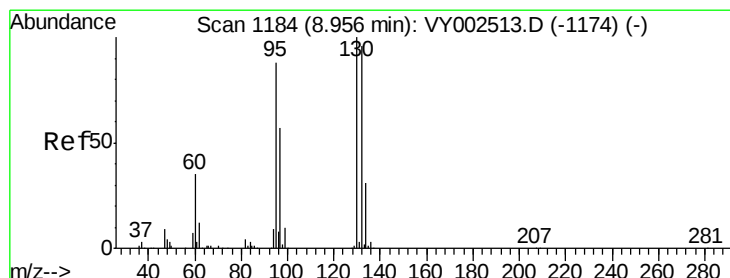
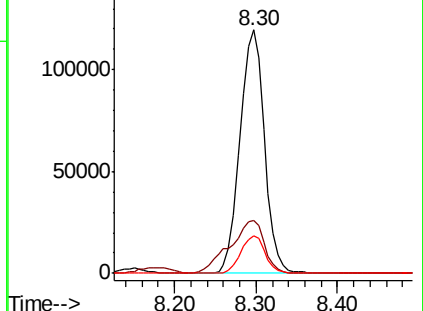
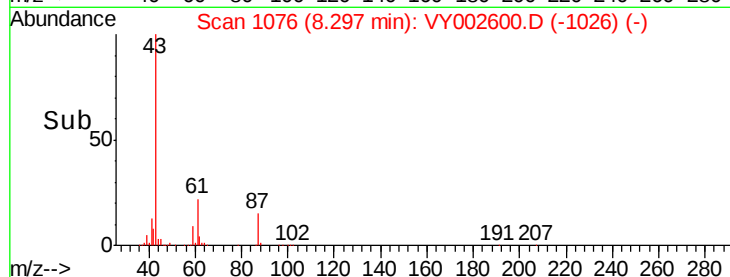


Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002513.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-1064) (-)

8.30



#44

Trichloroethene

Concen: 53.408 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY002600.D

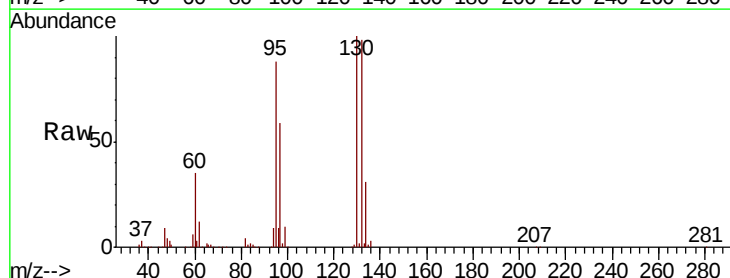
Acq: 05 May 2020 21:02

Tgt Ion: 130 Resp: 229214

Ion Ratio Lower Upper

130 100

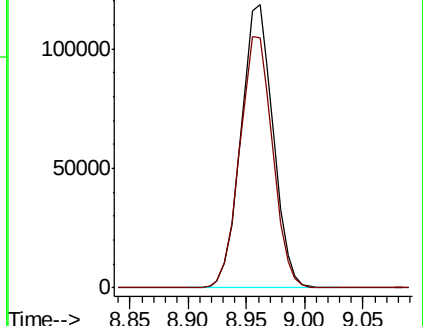
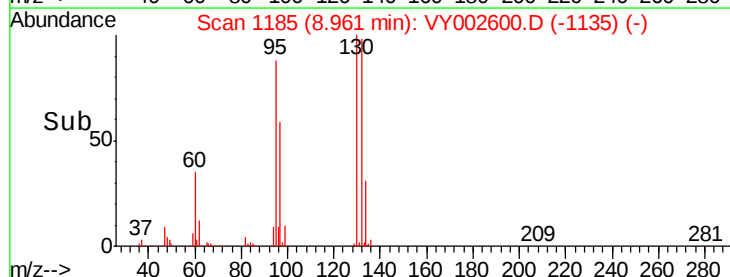
95 88.2 0.0 175.8

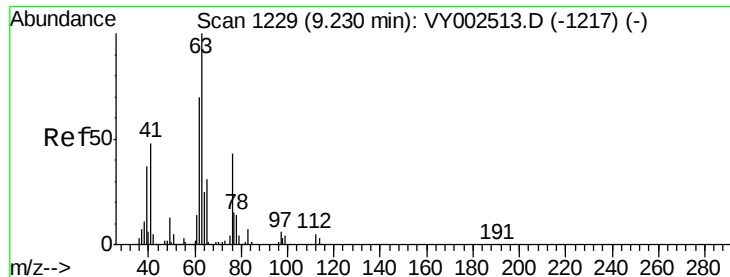


Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)

8.96





#45

1,2-Dichloropropane

Concen: 54.650 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

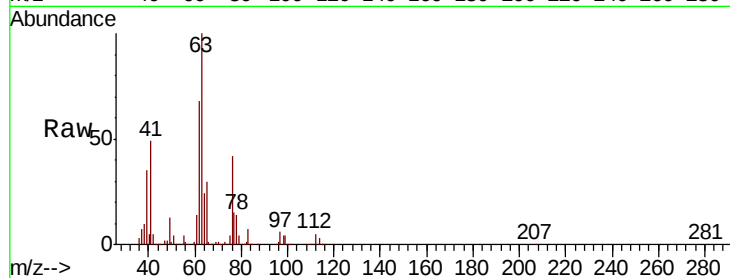
VSTDCCC050EC

Tot Ion: 63 Resp: 181129

Ion Ratio Lower Upper

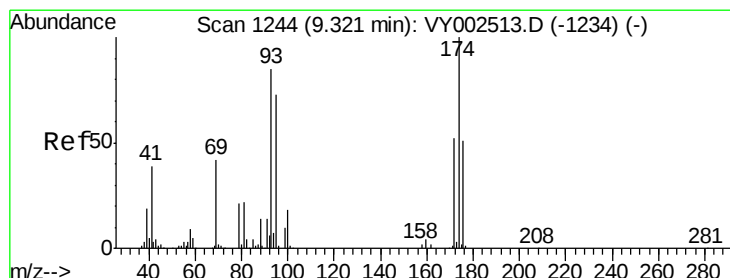
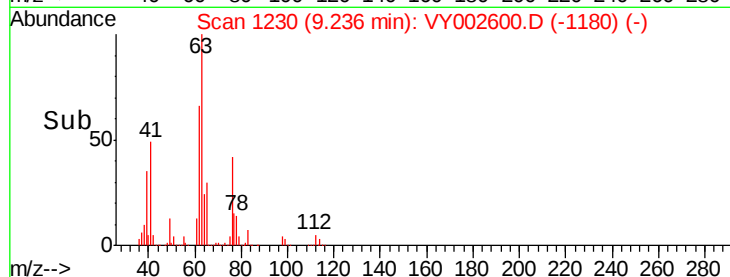
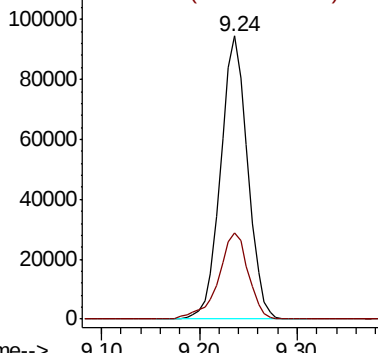
63 100

65 30.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 54.173 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

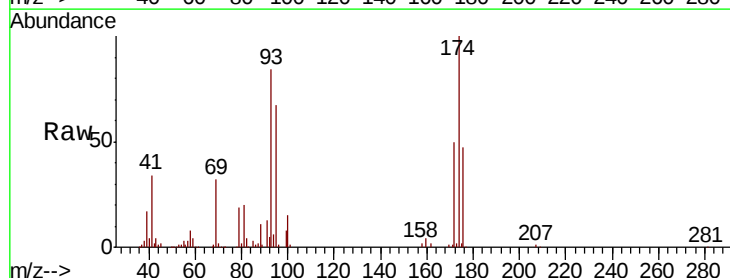
Tgt Ion: 93 Resp: 103305

Ion Ratio Lower Upper

93 100

95 81.7 67.0 100.4

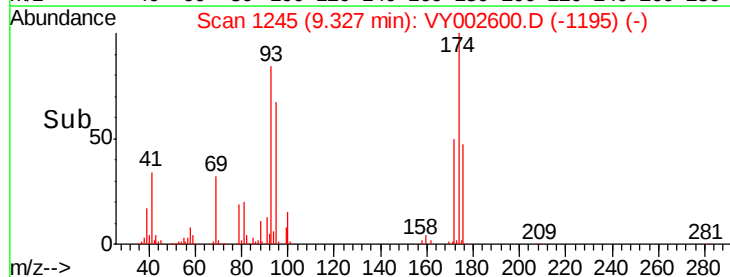
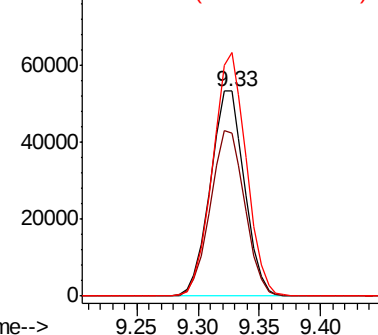
174 116.3 92.7 139.1

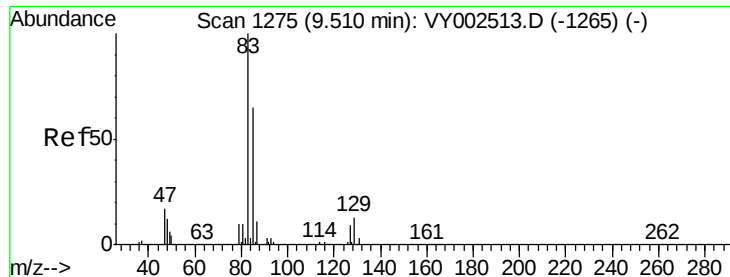


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.189 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

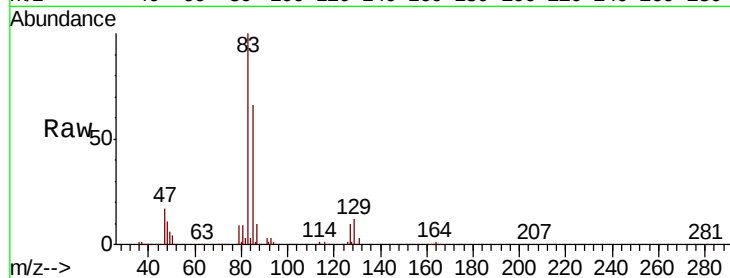
Tot Ion: 83 Resp: 251264

Ion Ratio Lower Upper

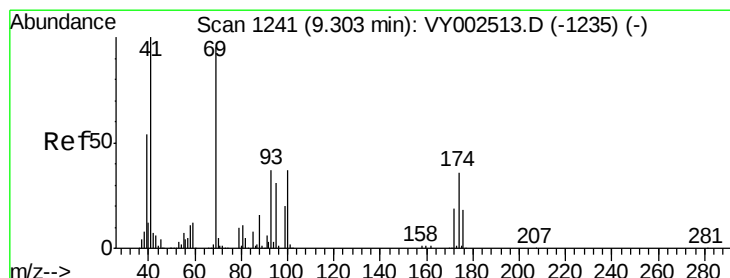
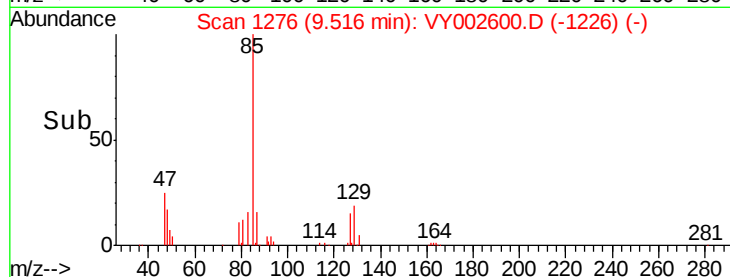
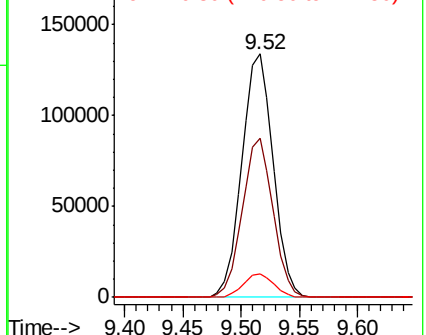
83 100

85 65.5 51.8 77.8

127 9.5 7.4 11.0



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: 55.228 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

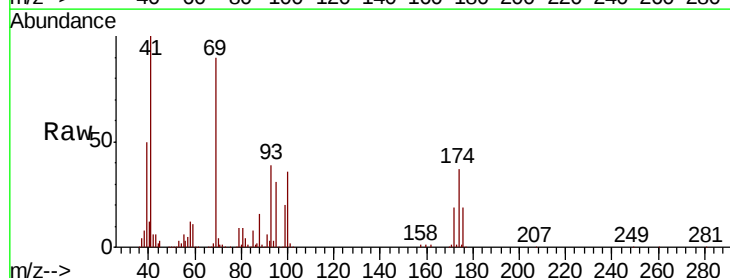
Tgt Ion: 41 Resp: 114491

Ion Ratio Lower Upper

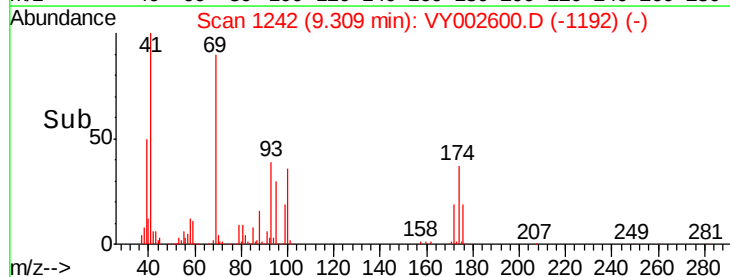
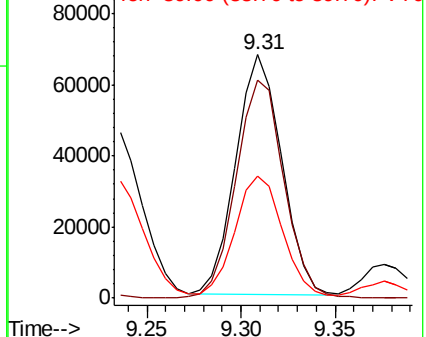
41 100

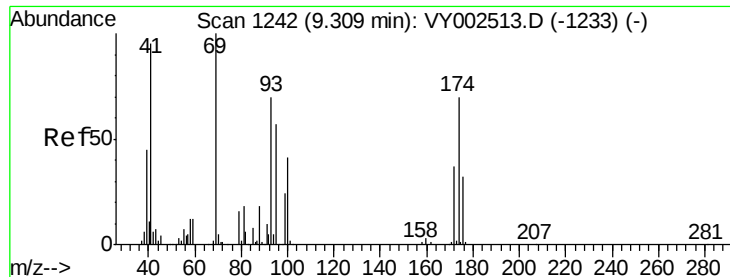
69 94.6 76.2 114.4

39 51.0 42.7 64.1



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: 1054.989 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

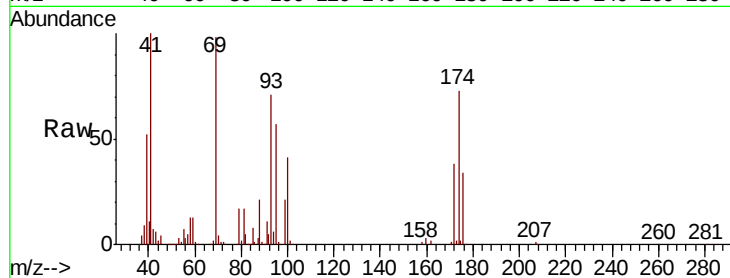
Tot Ion: 88 Resp: 26637

Ion Ratio Lower Upper

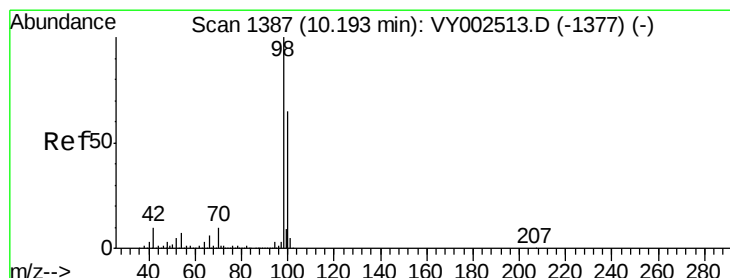
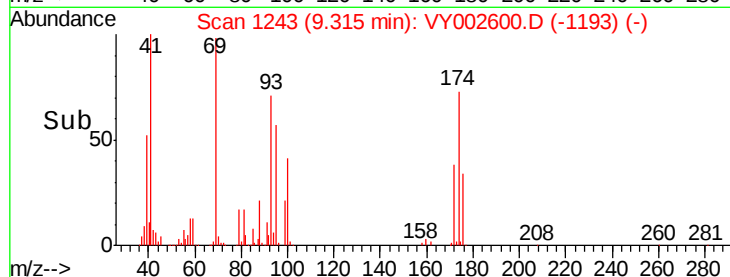
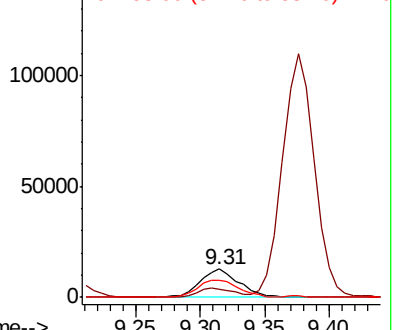
88 100

43 31.5 22.8 34.2

58 65.9 51.4 77.2



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



#50

Toluene-d8

Concen: 51.389 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002600.D

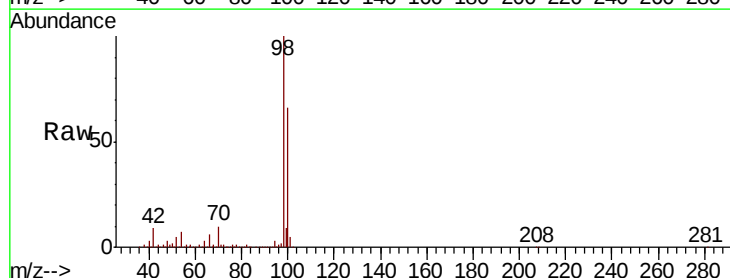
Acq: 05 May 2020 21:02

Tgt Ion: 98 Resp: 650964

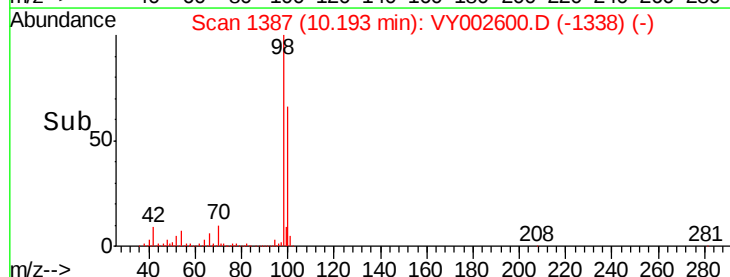
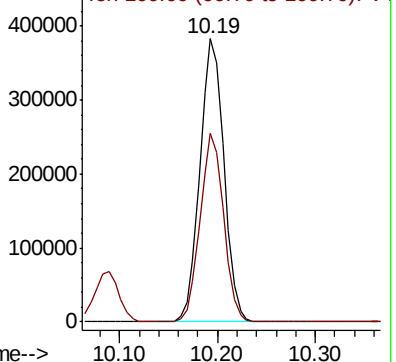
Ion Ratio Lower Upper

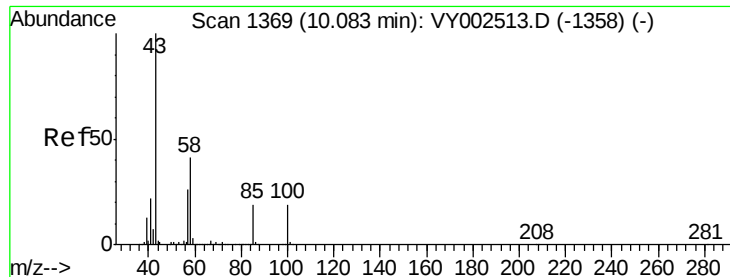
98 100

100 65.2 52.2 78.2



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

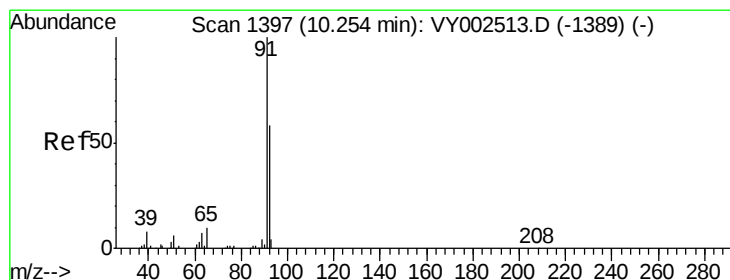
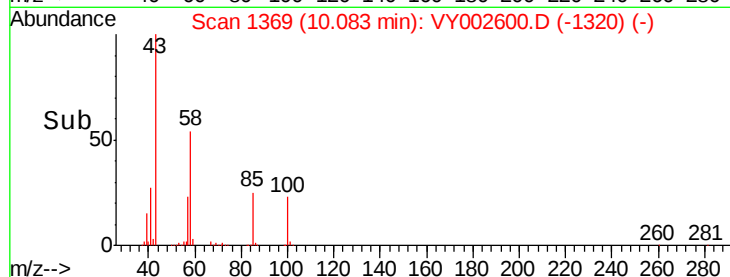
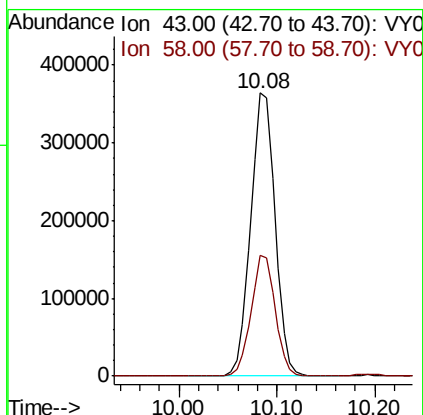
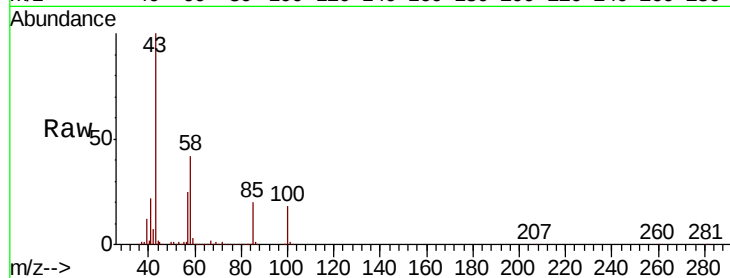




#51
4-Methyl-2-Pentanone
Concen: 268.846 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

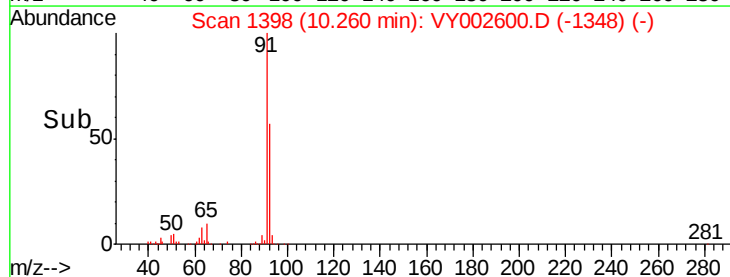
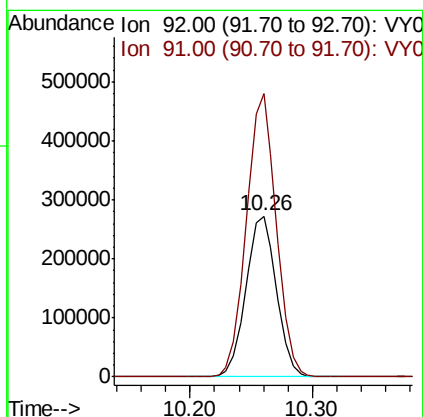
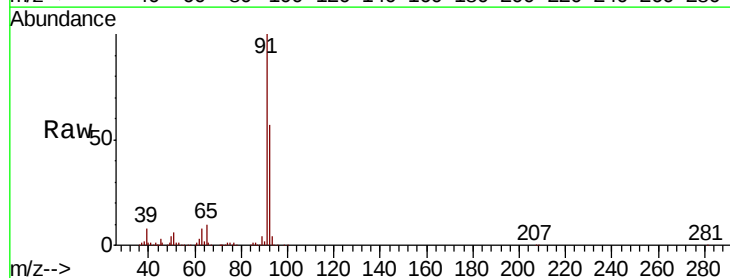
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

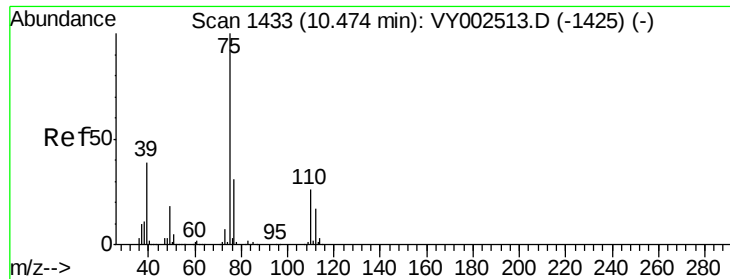
Tot Ion: 43 Resp: 634753
Ion Ratio Lower Upper
43 100
58 41.9 33.2 49.8



#52
Toluene
Concen: 53.520 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 92 Resp: 472352
Ion Ratio Lower Upper
92 100
91 172.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 54.040 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

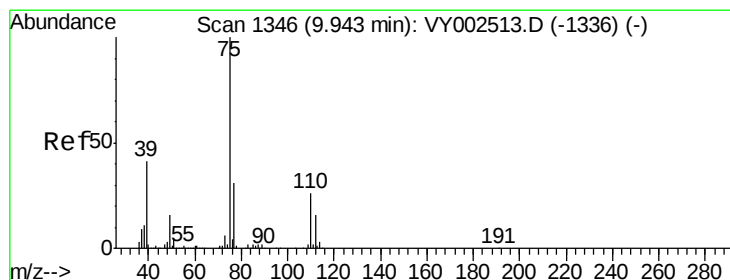
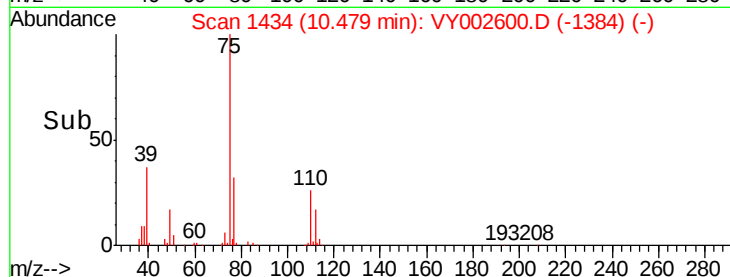
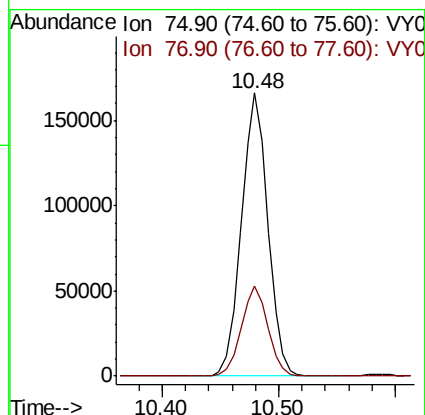
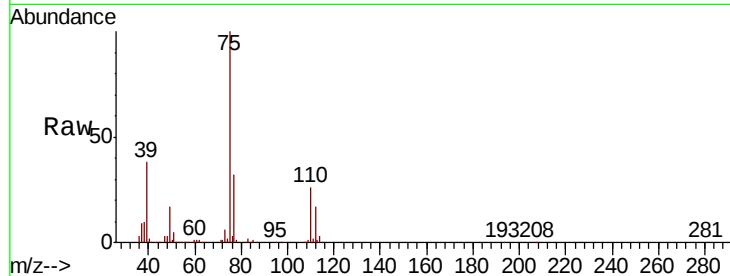
VSTDCCC050EC

Tot Ion: 75 Resp: 262540

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.874 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

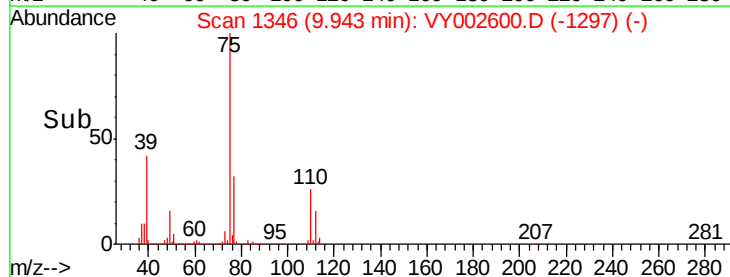
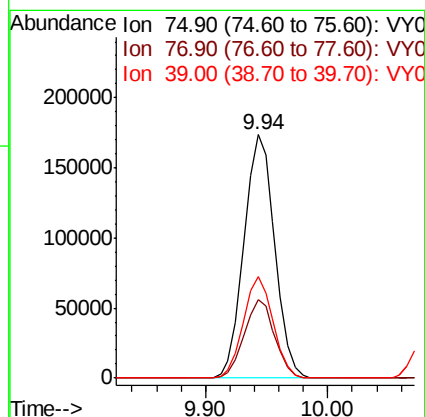
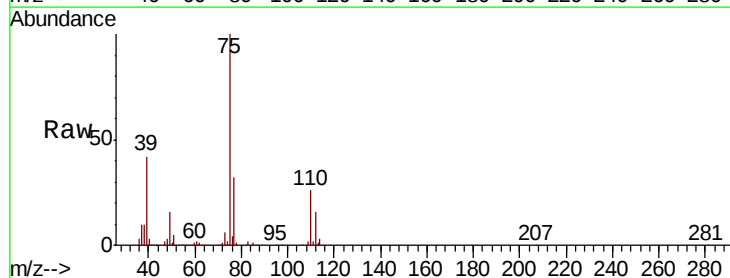
Tgt Ion: 75 Resp: 302578

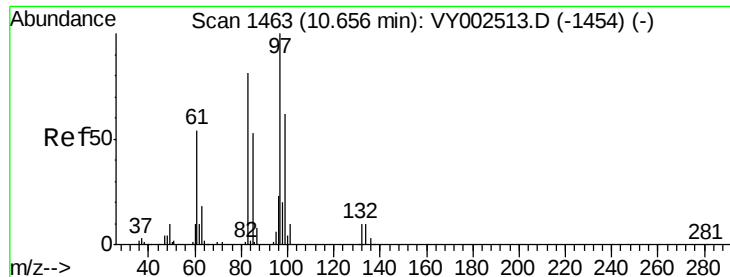
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 41.7 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 54.045 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 150291

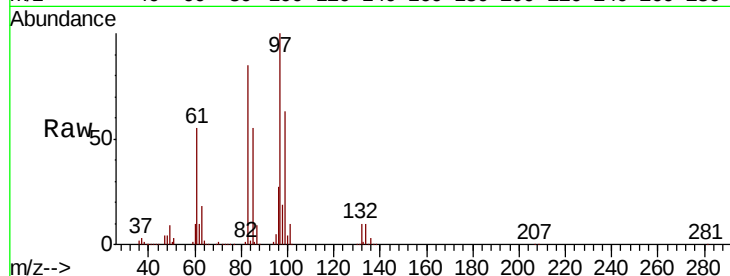
Ion Ratio Lower Upper

97 100

83 84.6 65.1 97.7

85 55.4 42.7 64.1

99 62.8 50.0 75.0

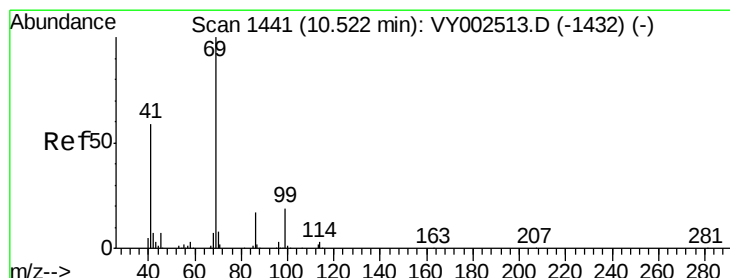
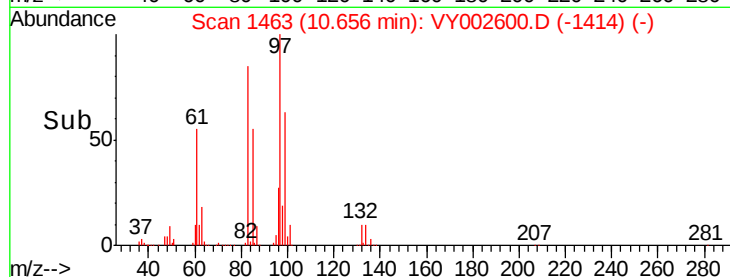
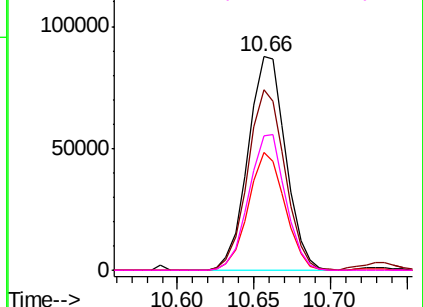


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 55.887 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

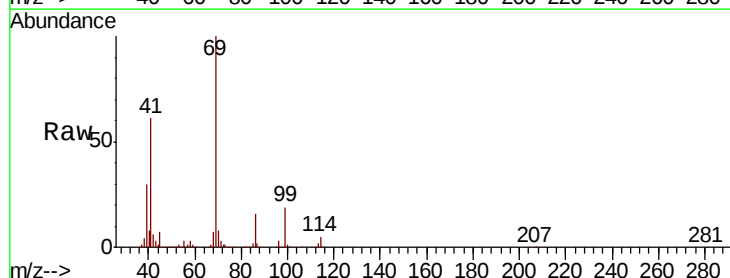
Tgt Ion: 69 Resp: 206749

Ion Ratio Lower Upper

69 100

41 60.4 48.6 73.0

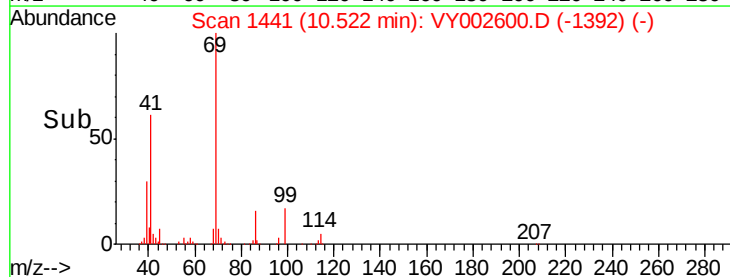
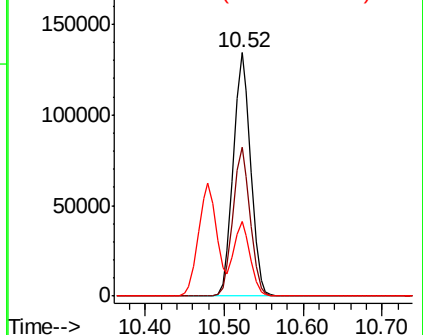
39 28.4 25.0 37.4

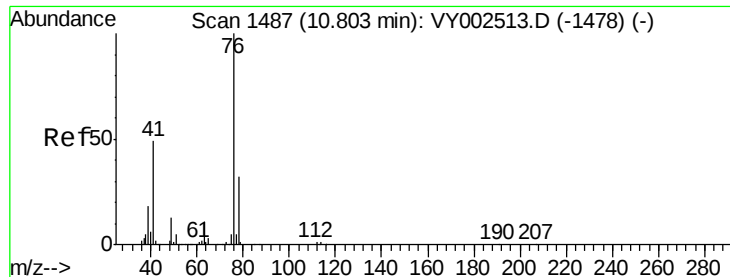


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 53.927 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

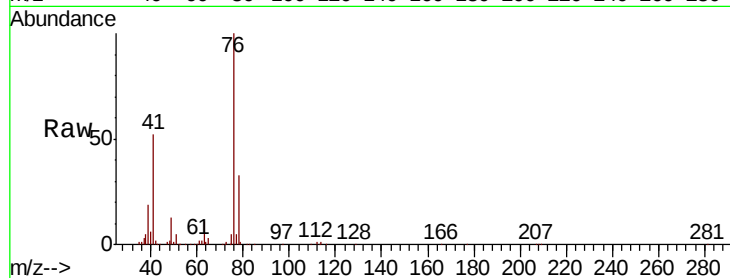
VSTDCCC050EC

Tot Ion: 76 Resp: 254313

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

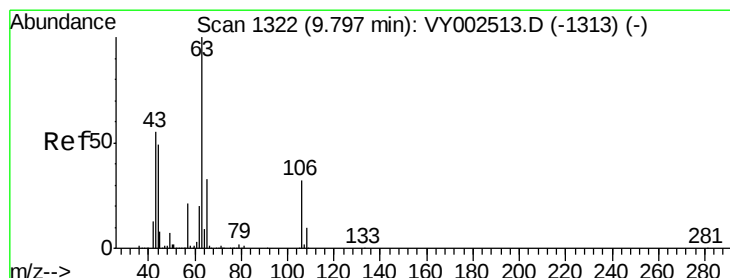
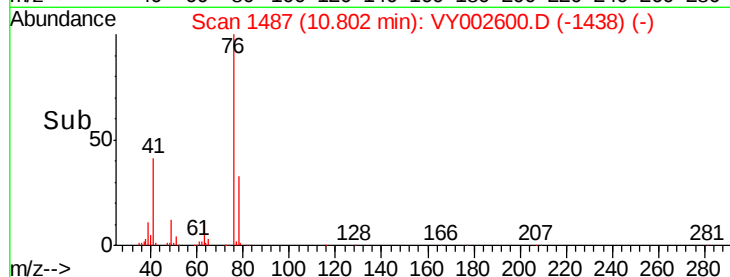
150000

100000

50000

0

Time--> 10.70



#58

2-Chloroethyl Vinyl ether

Concen: 269.158 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002600.D

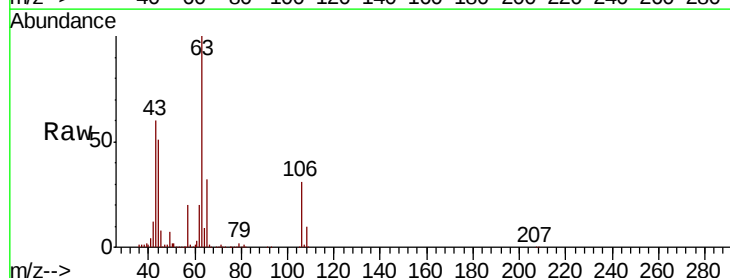
Acq: 05 May 2020 21:02

Tgt Ion: 63 Resp: 525099

Ion Ratio Lower Upper

63 100

106 30.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.80

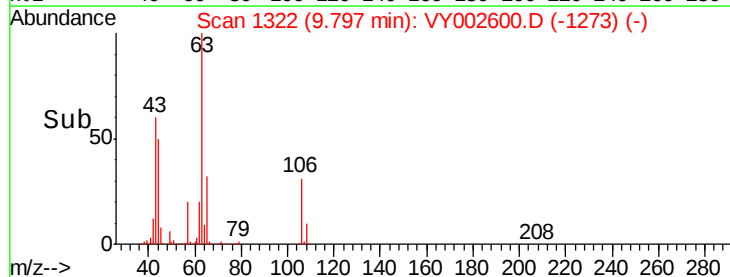
300000

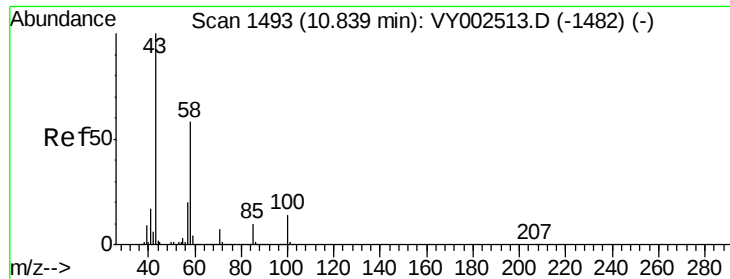
200000

100000

0

Time--> 9.70

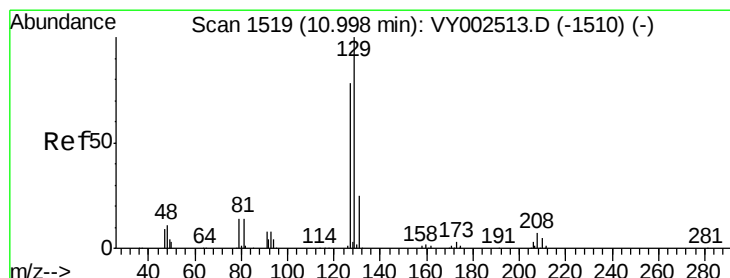
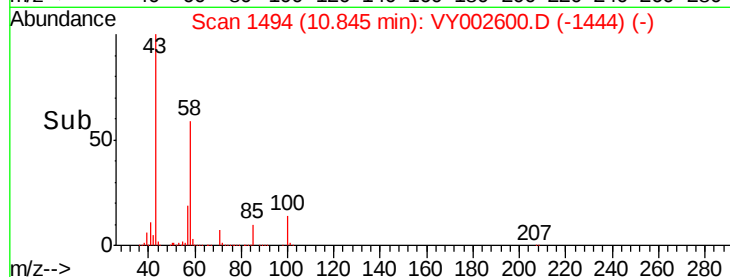
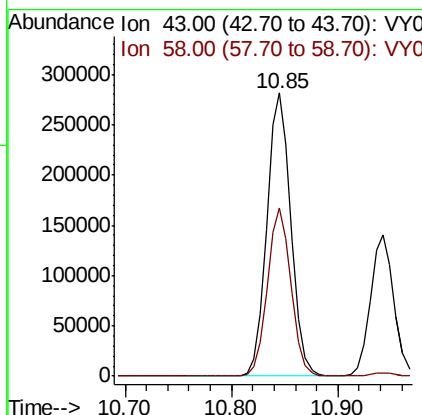
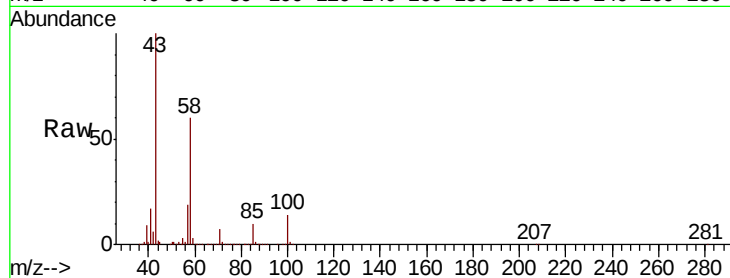




#59
2-Hexanone
Concen: 271.968 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

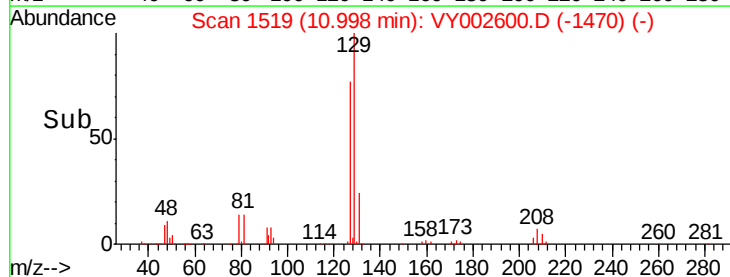
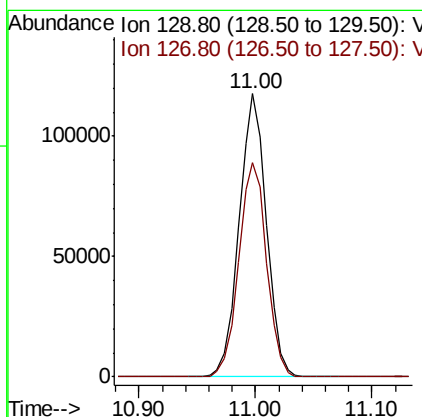
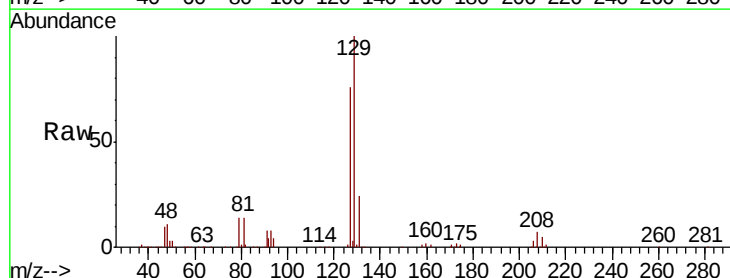
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

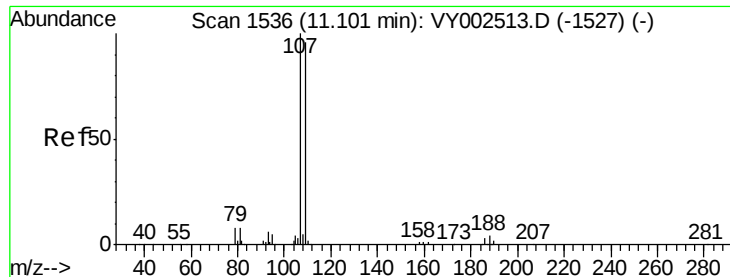
Tot Ion: 43 Resp: 441954
Ion Ratio Lower Upper
43 100
58 58.4 29.1 87.3



#60
Dibromochloromethane
Concen: 54.125 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 129 Resp: 191434
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

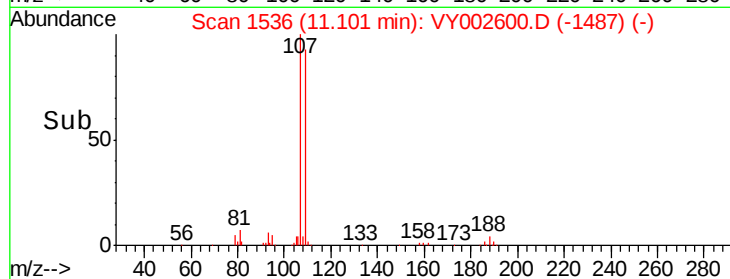
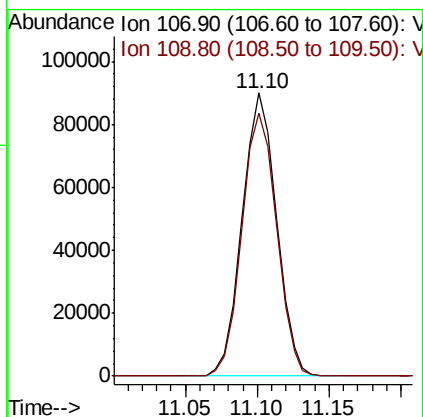
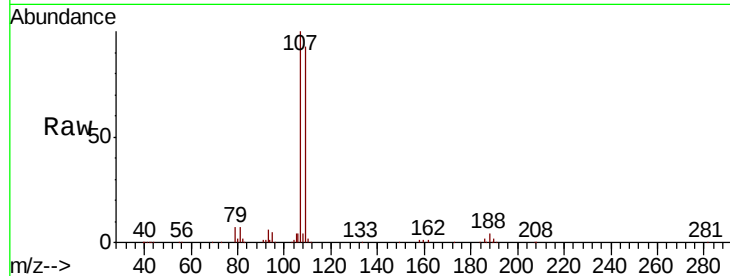




#61
 1,2-Dibromoethane
 Concen: 53.913 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

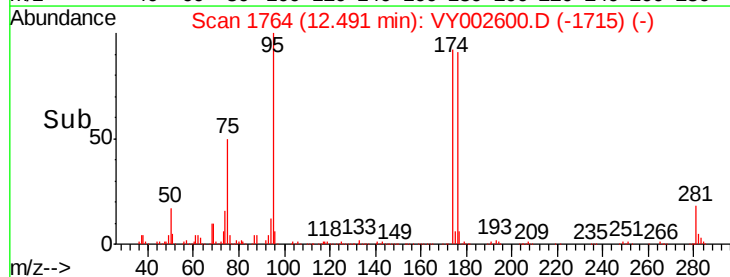
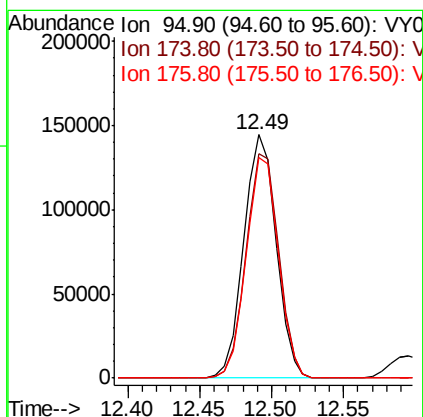
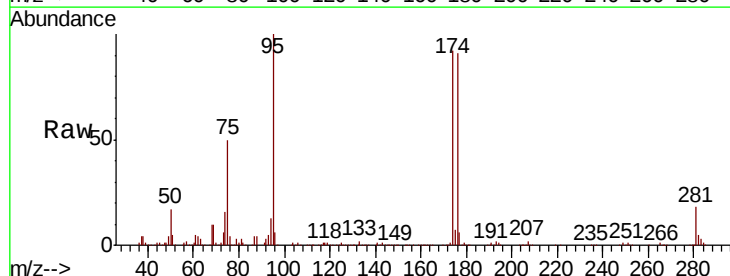
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 148451
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.241 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion: 95 Resp: 224552
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 188.8
 176 90.3 0.0 183.2

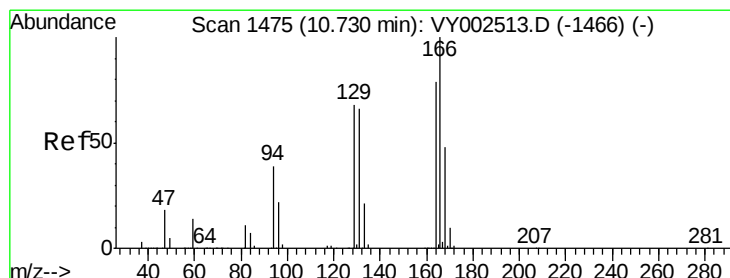
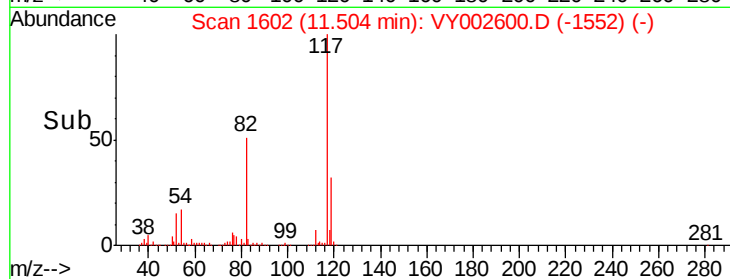
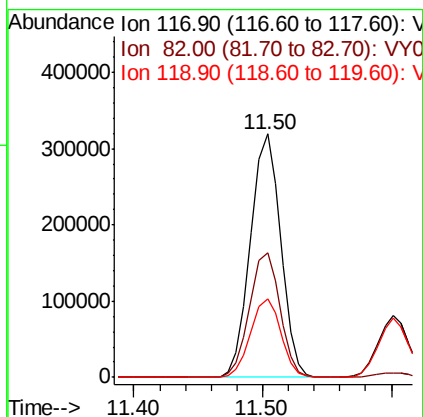
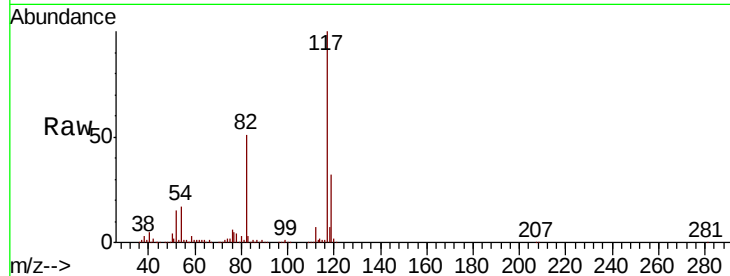




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

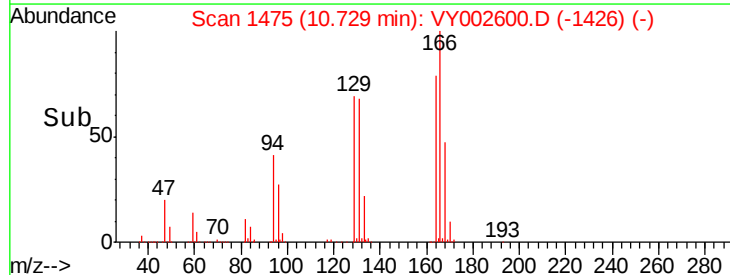
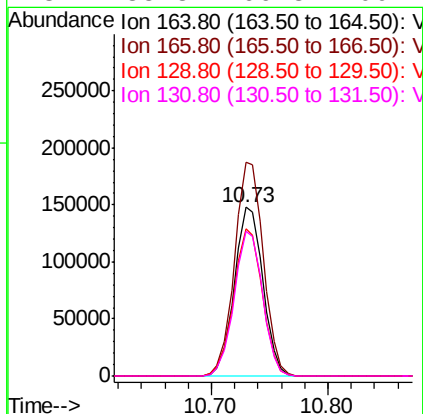
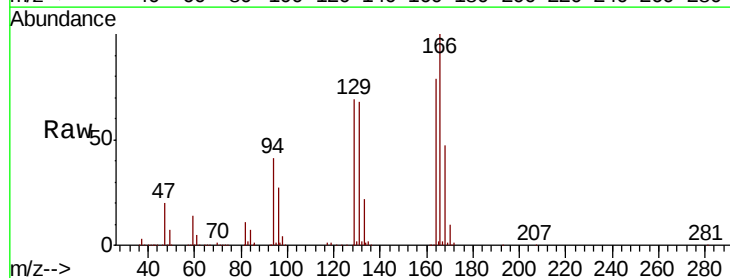
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

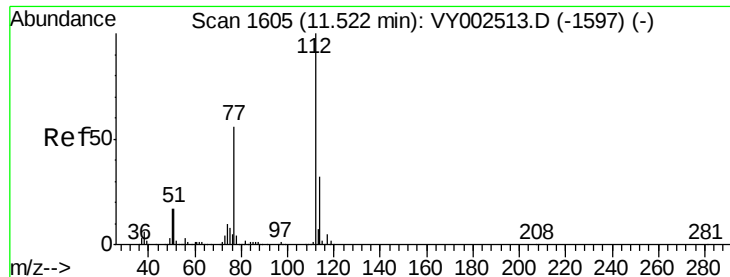
Tot Ion:117 Resp: 516727
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 55.058 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:164 Resp: 252779
Ion Ratio Lower Upper
164 100
166 126.4 100.7 151.1
129 87.2 68.3 102.5
131 85.8 66.8 100.2





#65

Chlorobenzene

Concen: 53.072 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

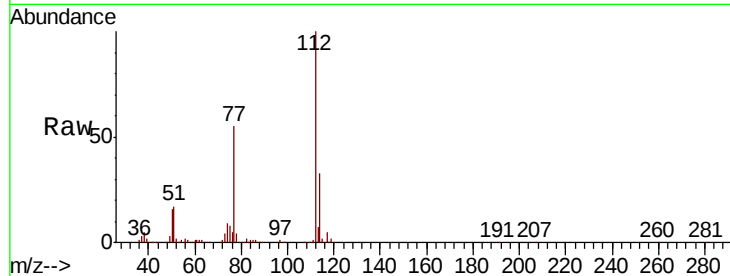
VSTDCCC050EC

Tot Ion:112 Resp: 521326

Ion Ratio Lower Upper

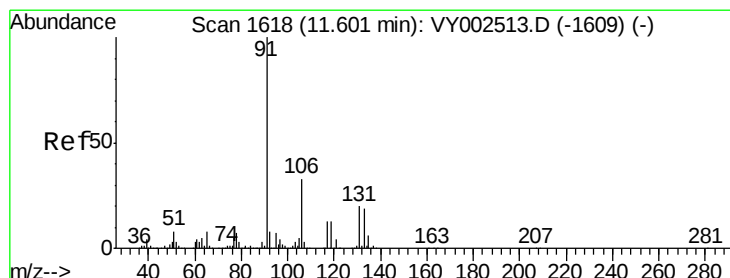
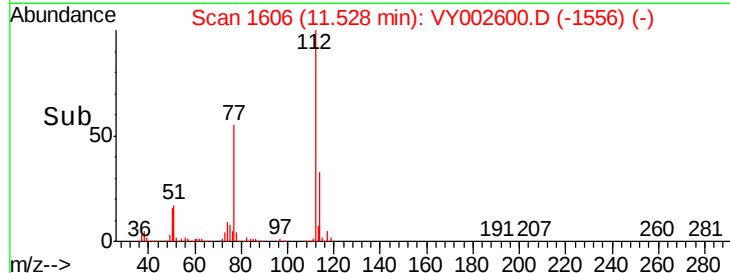
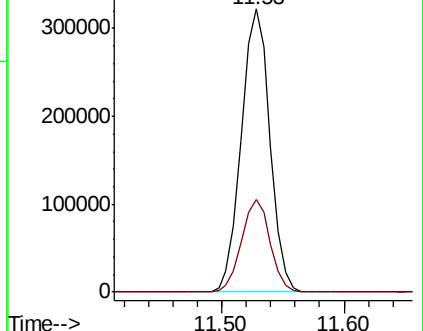
112 100

114 32.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.238 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

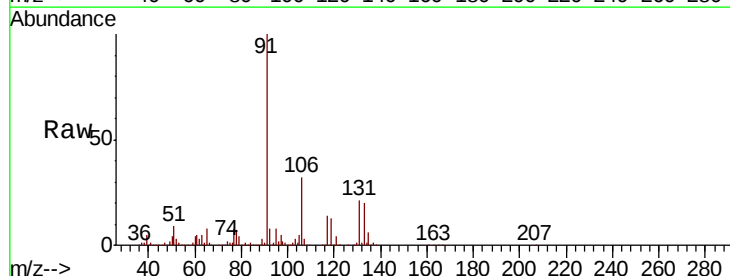
Tgt Ion:131 Resp: 197770

Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

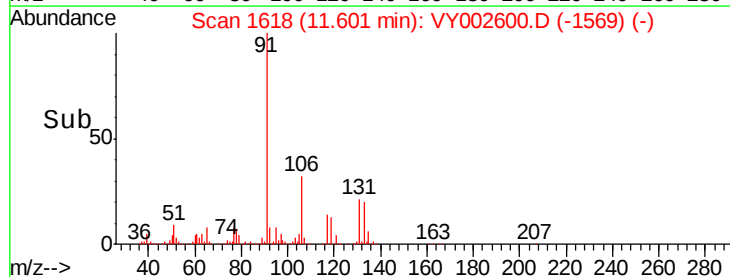
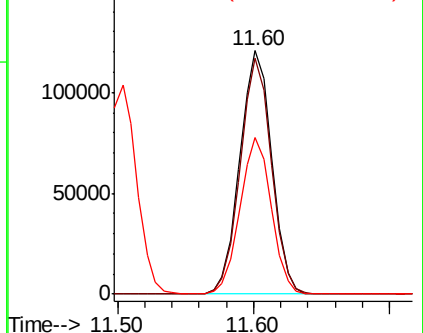
119 63.2 31.6 95.0

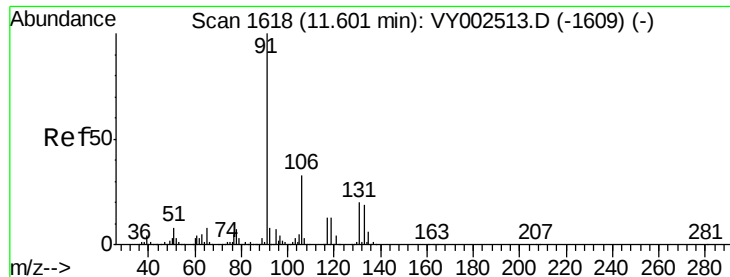


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

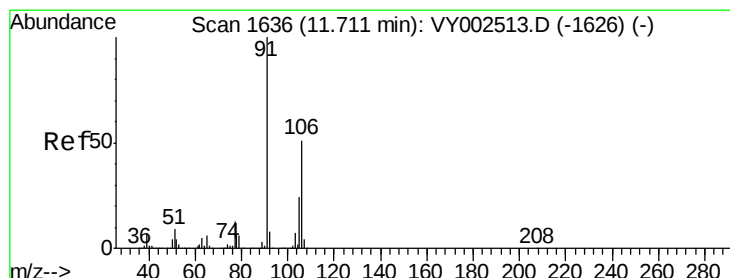
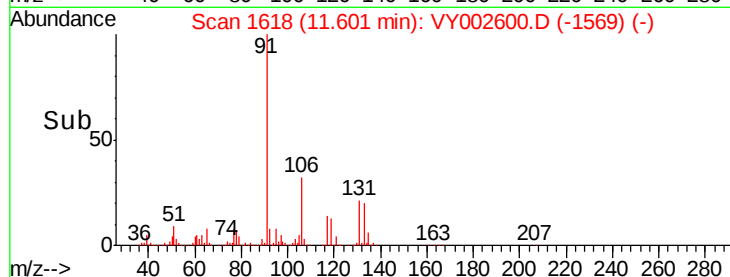
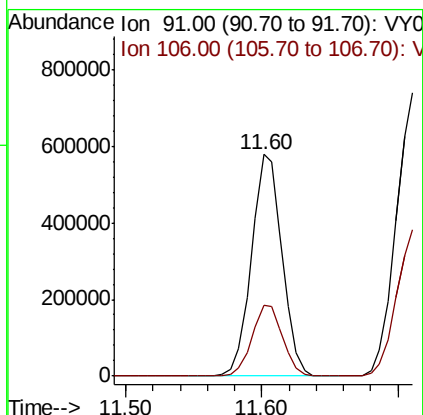
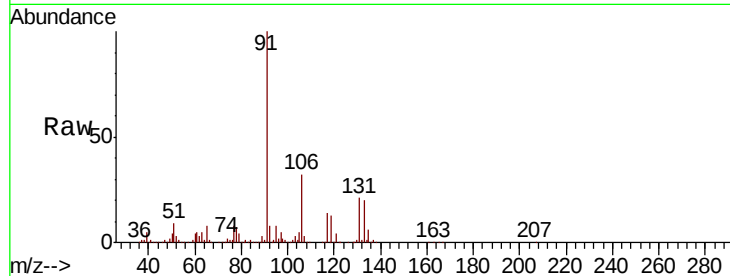




#67
Ethyl Benzene
Concen: 52.781 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

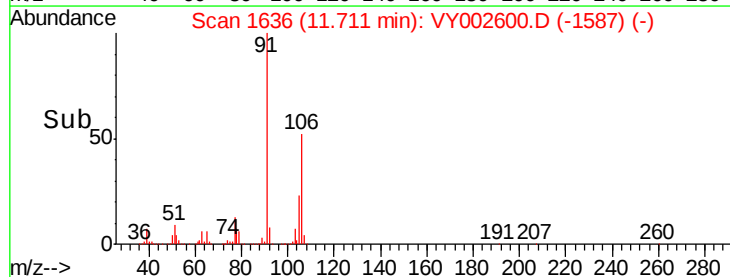
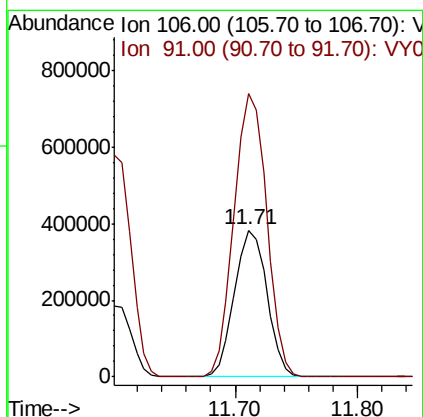
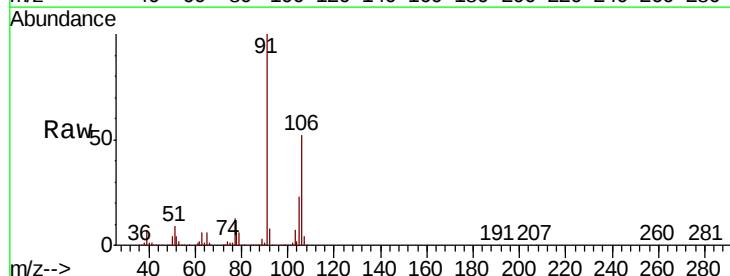
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 910718
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 105.980 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 106 Resp: 707550
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8

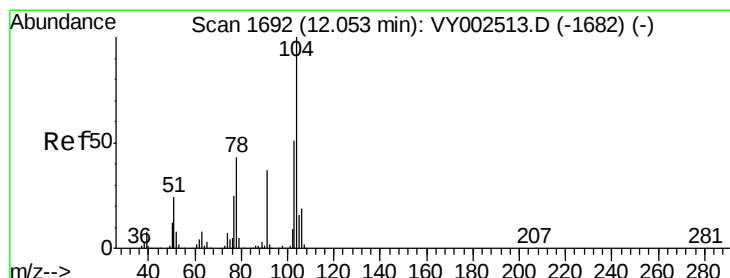
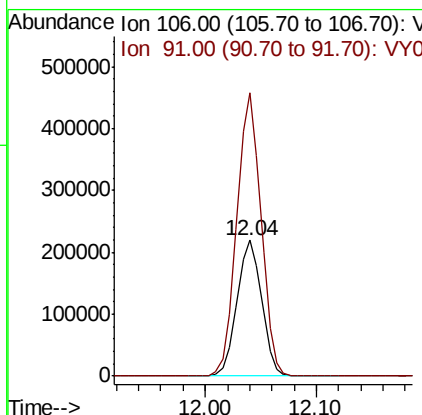
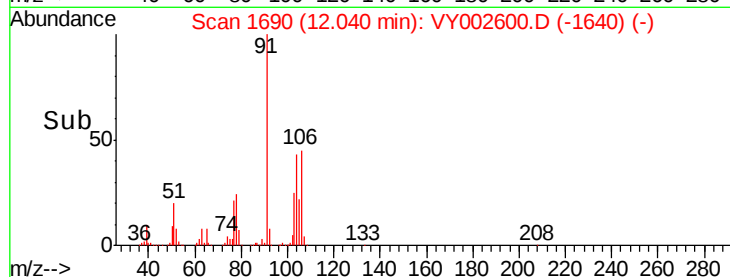
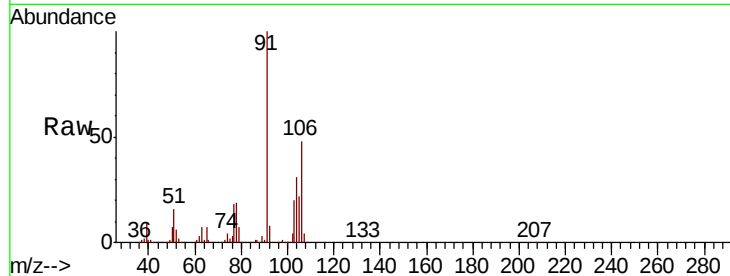




#69
o-Xylene
Concen: 53.892 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

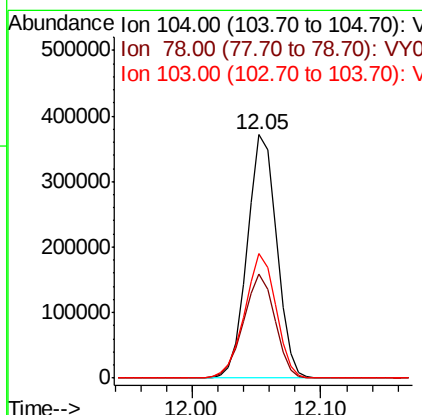
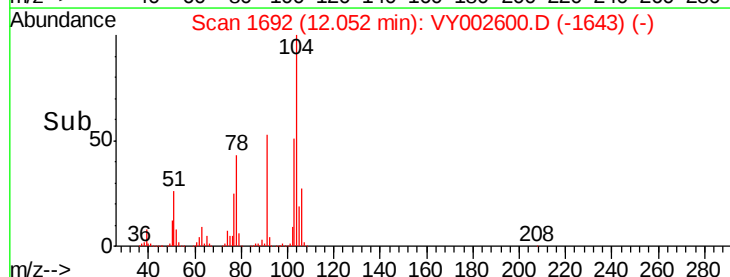
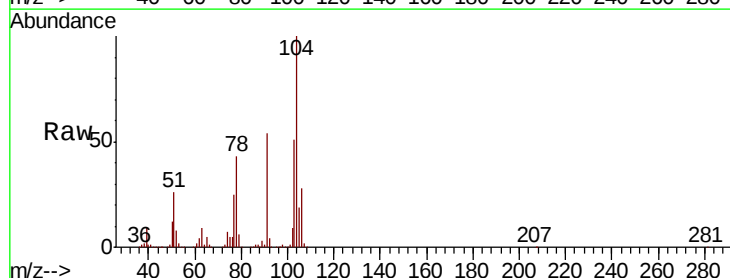
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050EC

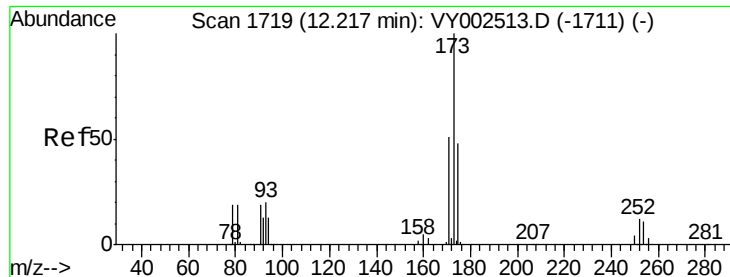
Tot Ion:106 Resp: 336882
Ion Ratio Lower Upper
106 100
91 205.0 103.8 311.3



#70
Styrene
Concen: 54.608 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:104 Resp: 583565
Ion Ratio Lower Upper
104 100
78 45.8 37.4 56.0
103 54.2 43.9 65.9

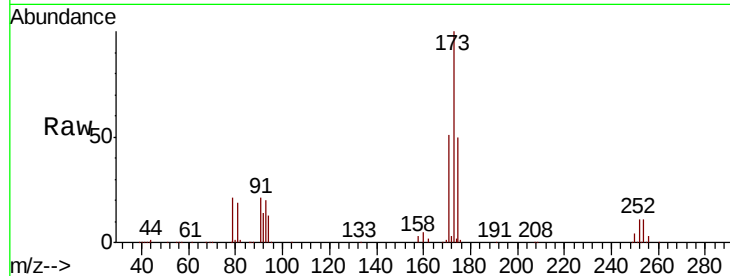




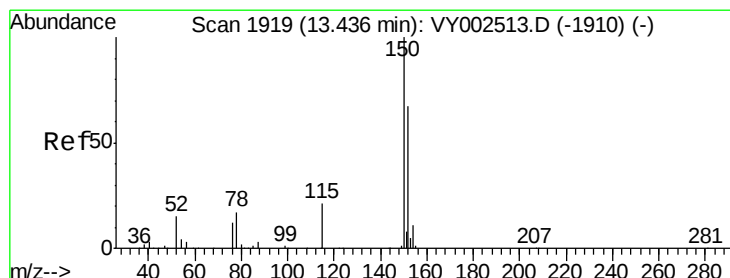
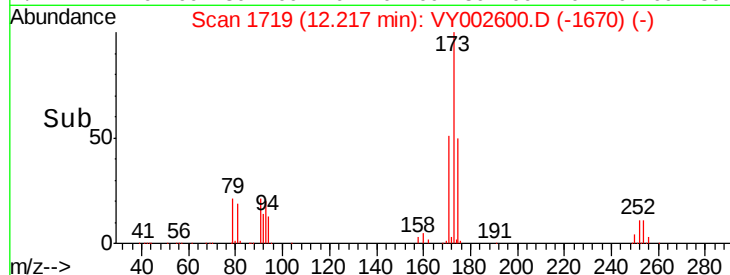
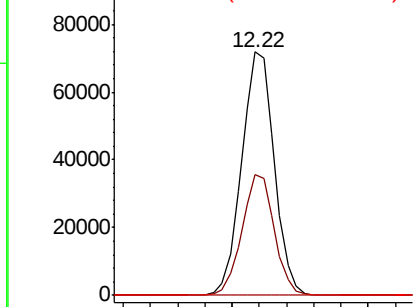
#71
Bromoform
Concen: 53.020 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 119993
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.1 0.2 0.2#

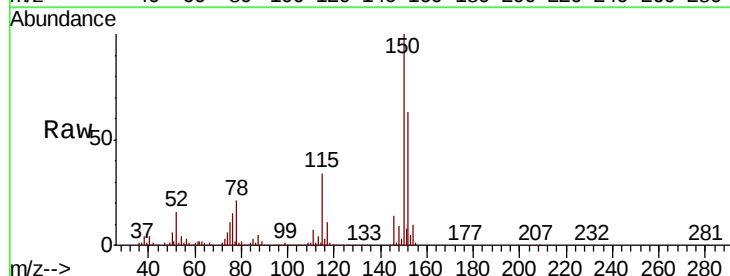


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

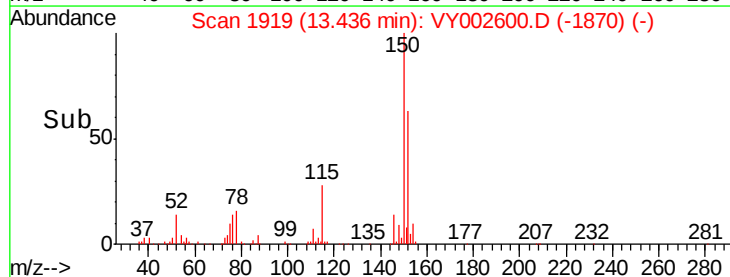
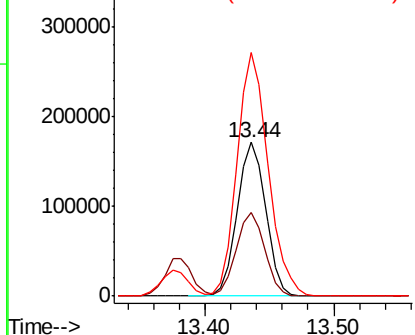


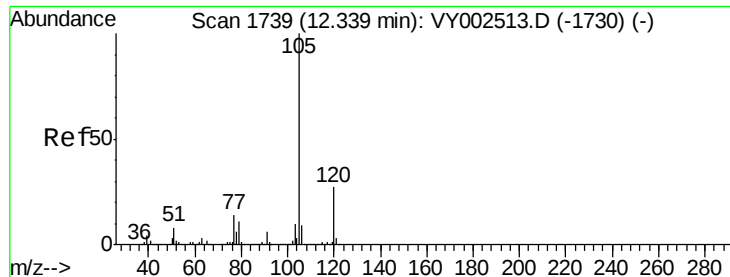
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:152 Resp: 262355
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 172.8 0.0 346.4



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: 52.765 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

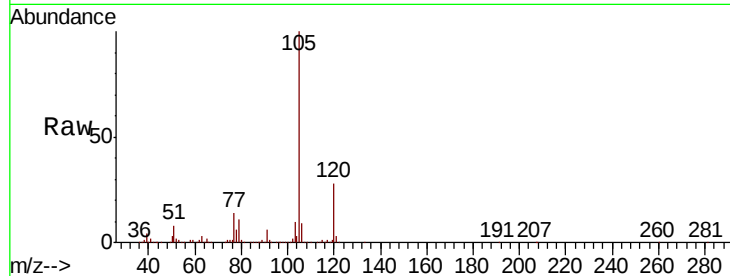
VSTDCCC050EC

Tot Ion:105 Resp: 897174

Ion Ratio Lower Upper

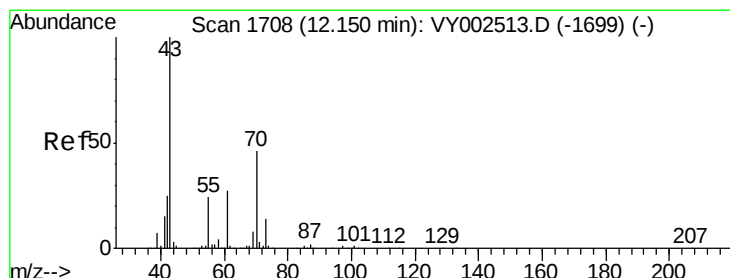
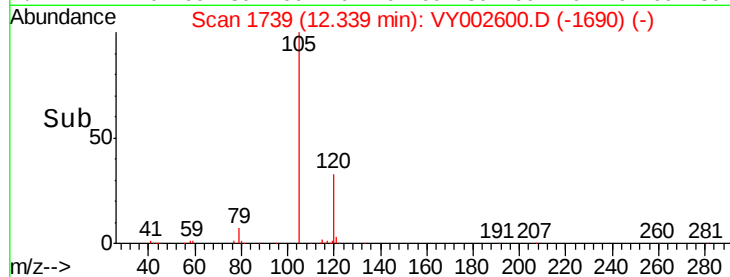
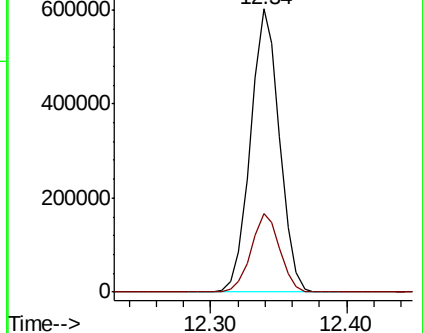
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.143 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion: 43 Resp: 229635

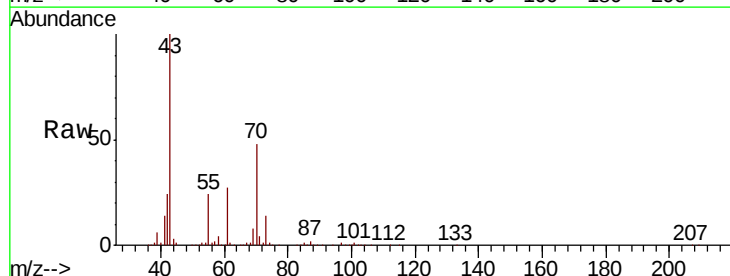
Ion Ratio Lower Upper

43 100

70 46.6 36.7 55.1

55 23.9 19.2 28.8

61 26.1 21.1 31.7

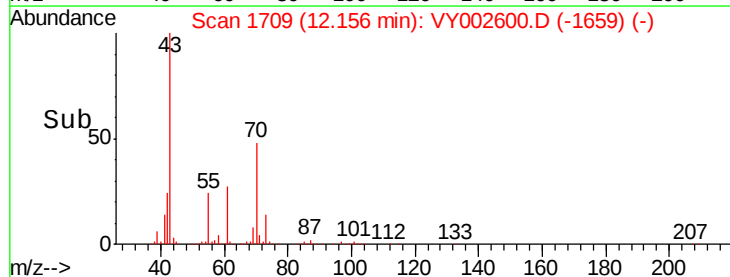
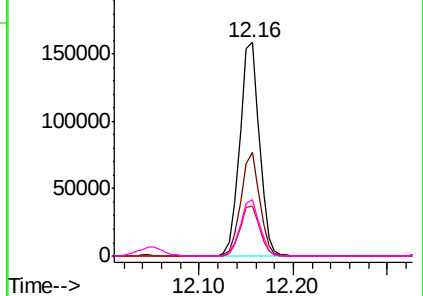


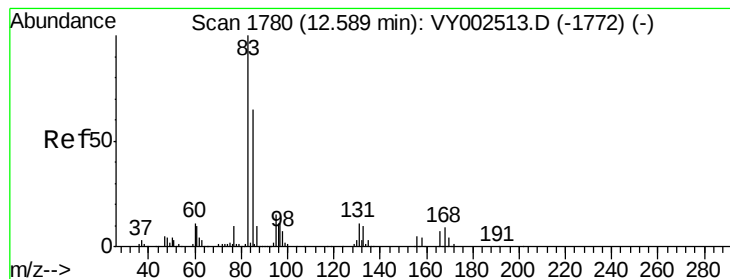
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.814 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

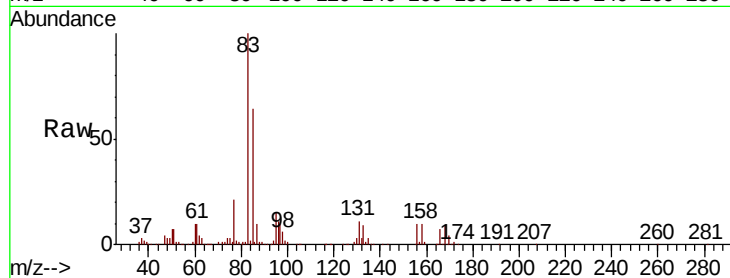
Tot Ion: 83 Resp: 137407

Ion Ratio Lower Upper

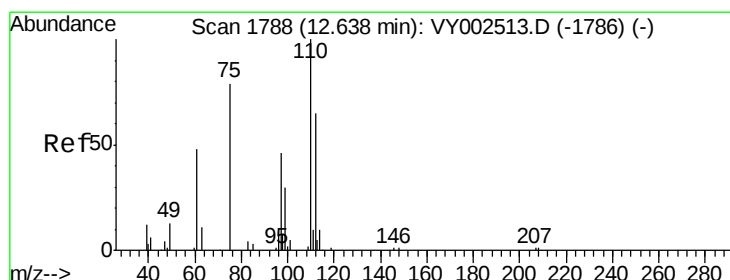
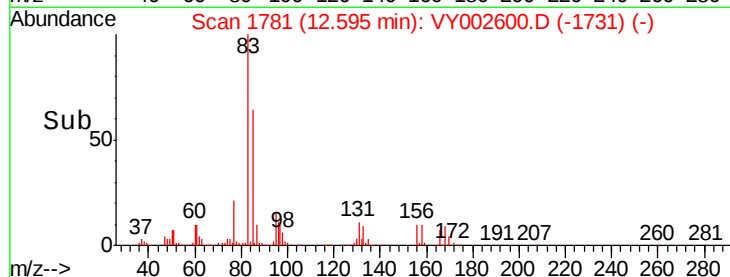
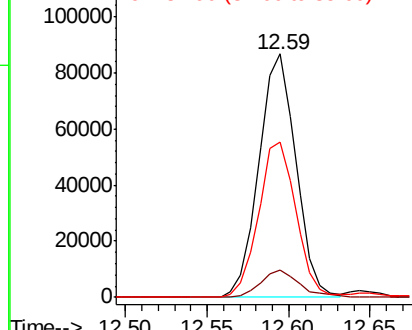
83 100

131 11.7 5.9 17.8

85 64.5 31.9 95.9



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: 94.890 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002600.D

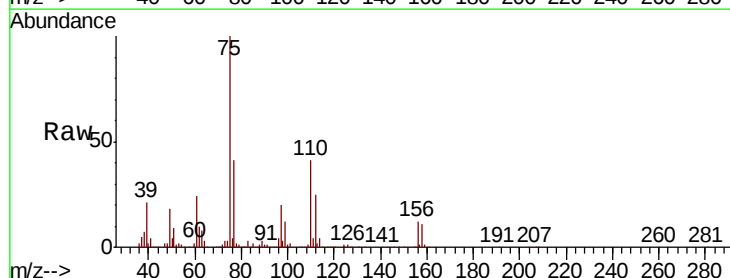
Acq: 05 May 2020 21:02

Tgt Ion: 75 Resp: 221232

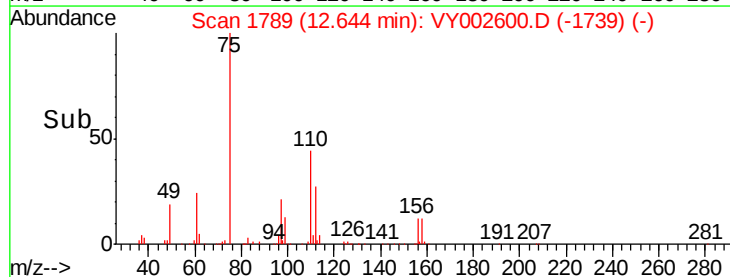
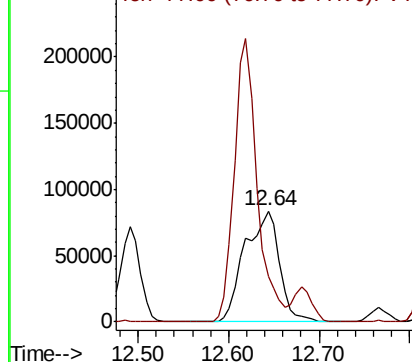
Ion Ratio Lower Upper

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: 53.392 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

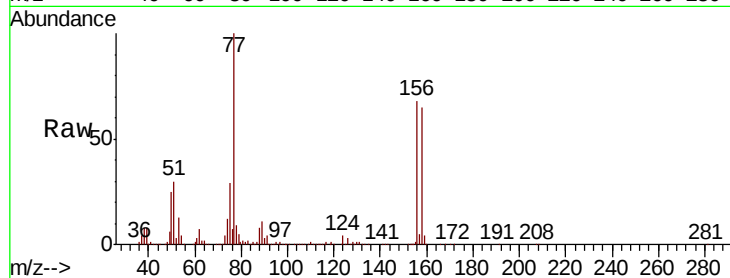
Tot Ion:156 Resp: 226811

Ion Ratio Lower Upper

156 100

77 165.3 82.0 245.8

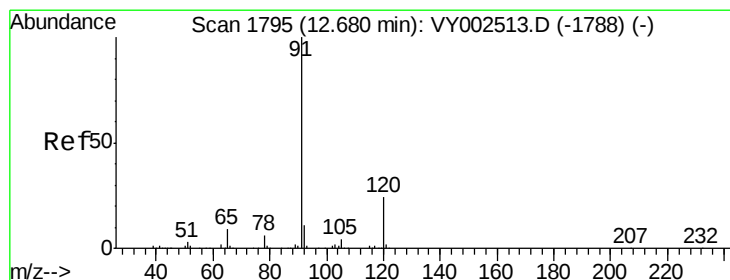
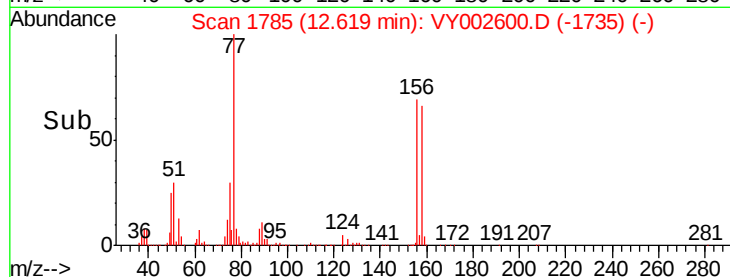
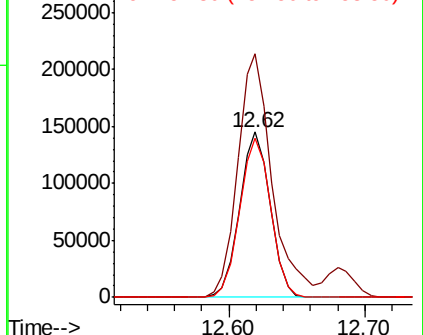
158 97.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.651 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002600.D

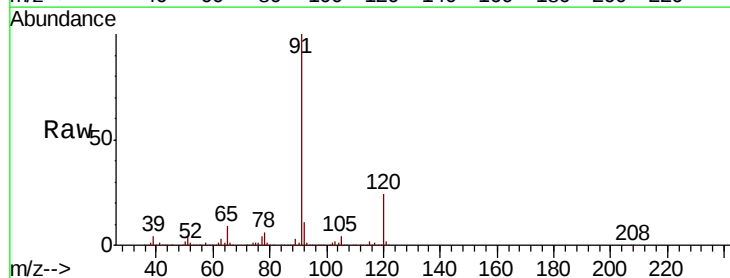
Acq: 05 May 2020 21:02

Tgt Ion: 91 Resp: 1038899

Ion Ratio Lower Upper

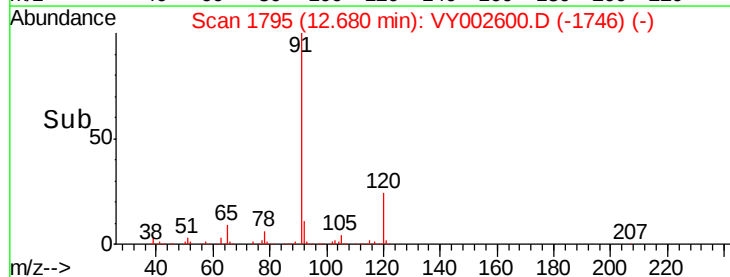
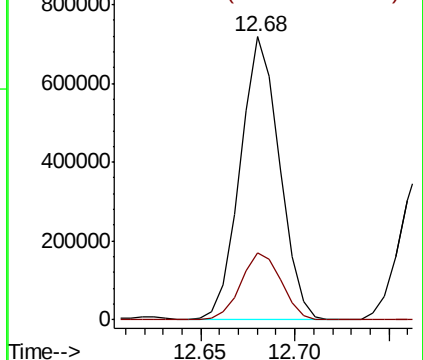
91 100

120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.082 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

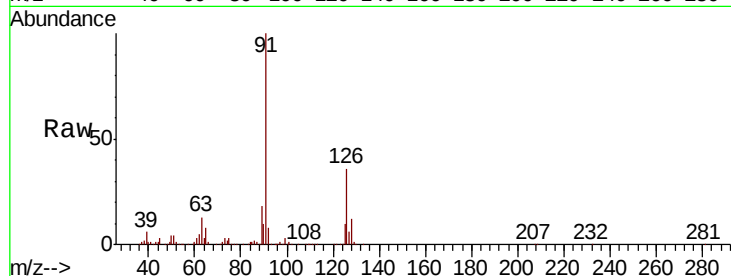
VSTDCCC050EC

Tot Ion: 91 Resp: 580182

Ion Ratio Lower Upper

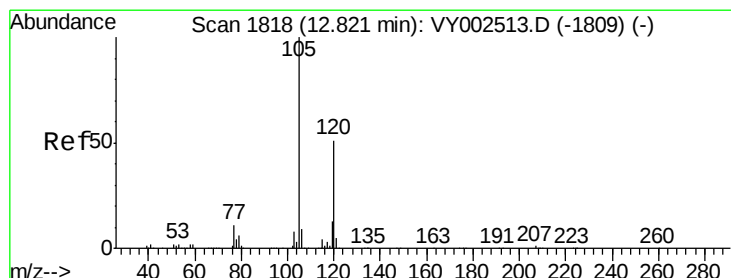
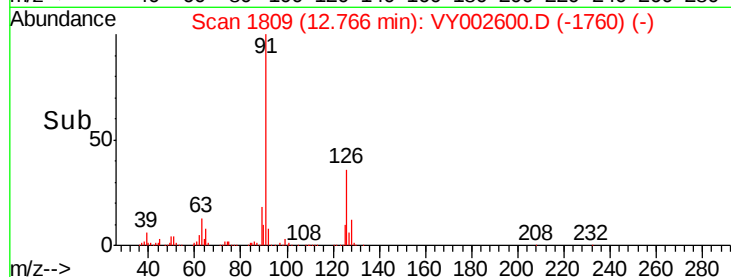
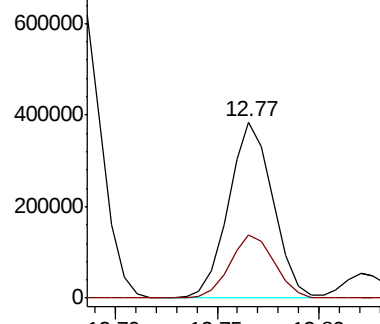
91 100

126 36.3 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.523 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002600.D

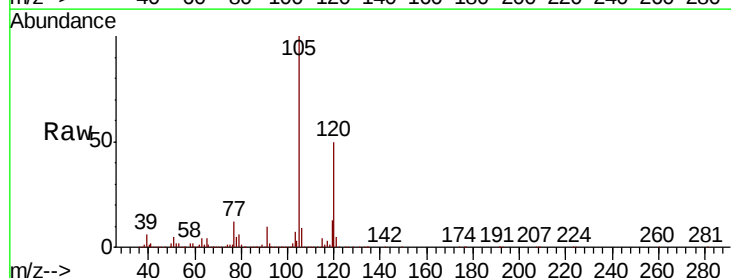
Acq: 05 May 2020 21:02

Tgt Ion: 105 Resp: 754371

Ion Ratio Lower Upper

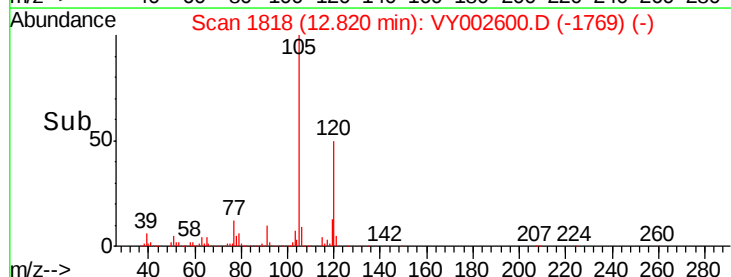
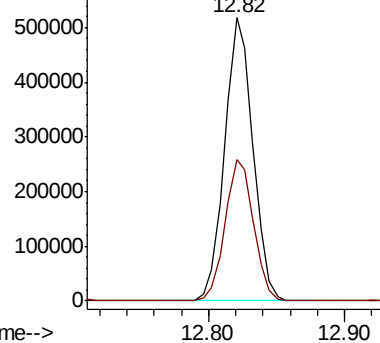
105 100

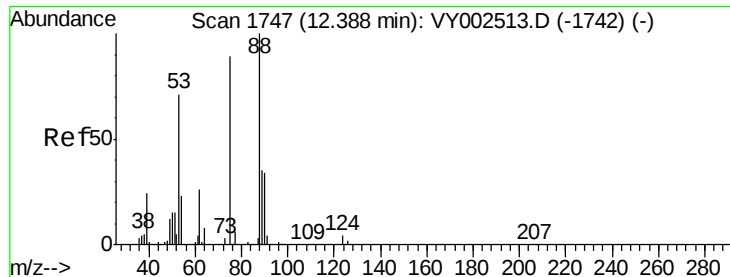
120 50.5 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.788 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

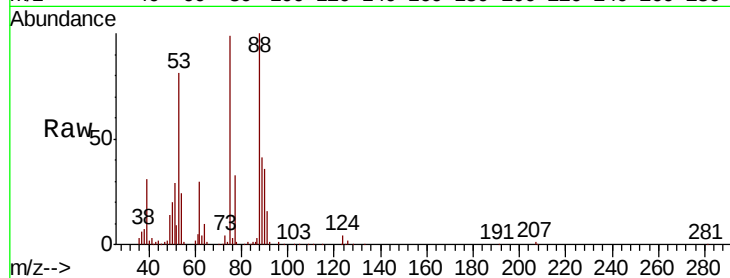
Tot Ion: 75 Resp: 60215

Ion Ratio Lower Upper

75 100

53 81.5 67.4 101.0

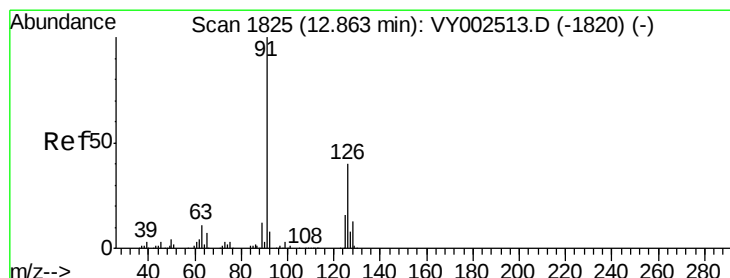
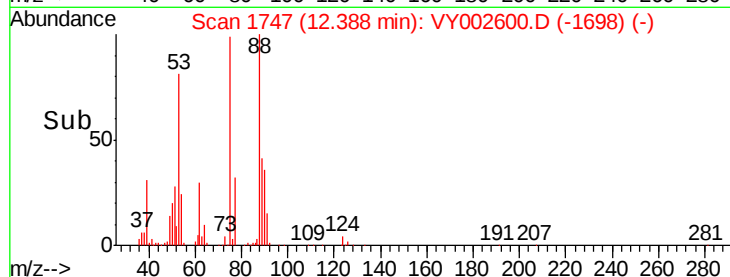
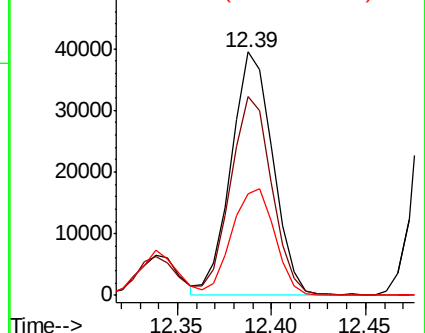
89 45.4 37.4 56.0



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: 52.833 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002600.D

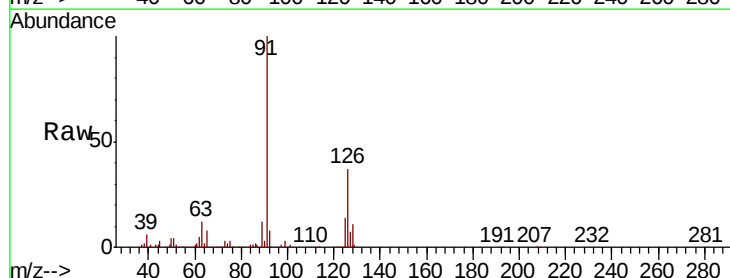
Acq: 05 May 2020 21:02

Tgt Ion: 91 Resp: 606587

Ion Ratio Lower Upper

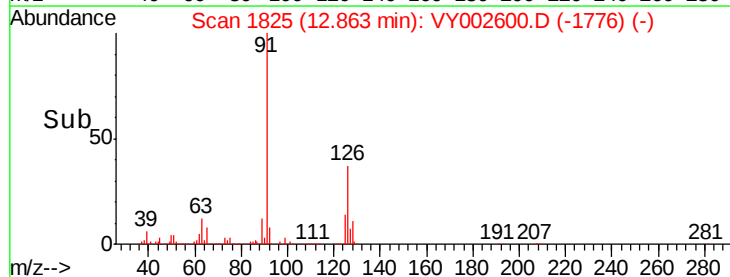
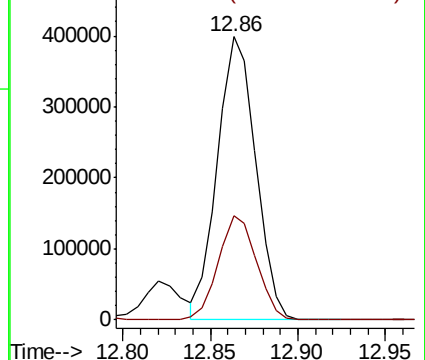
91 100

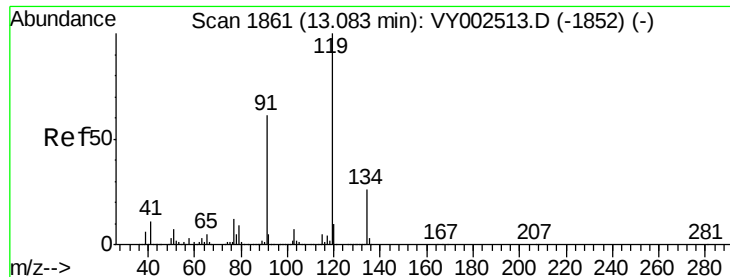
126 36.8 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

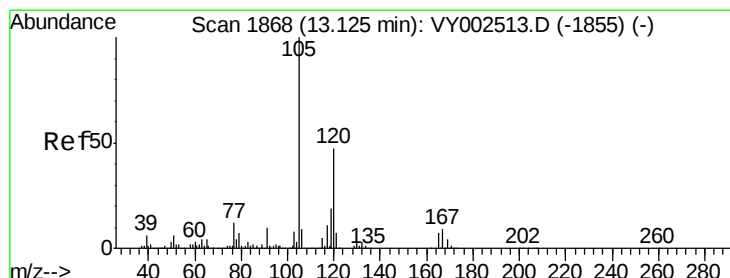
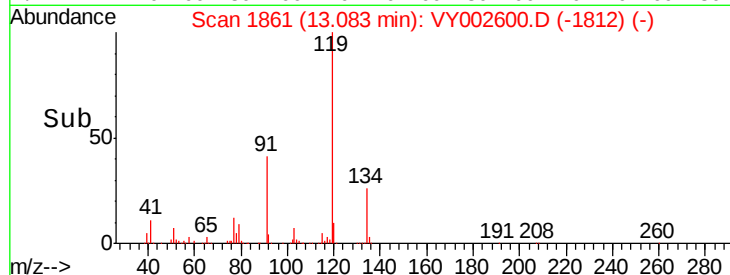
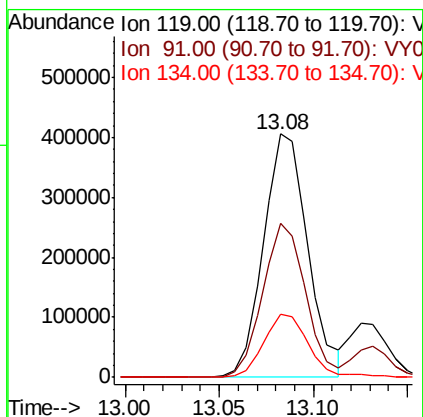
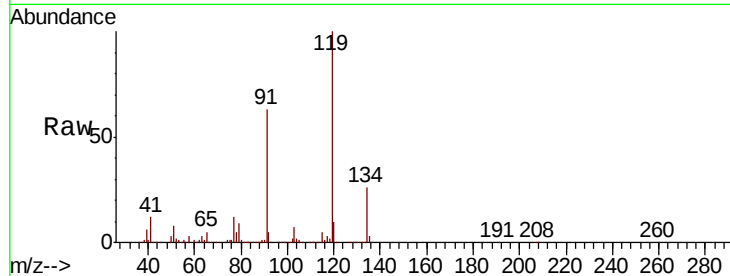




#83
tert-Butylbenzene
Concen: 53.509 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

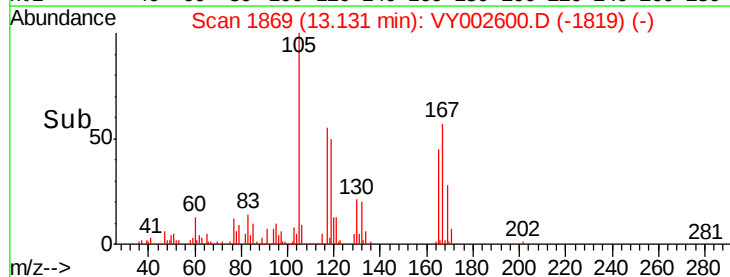
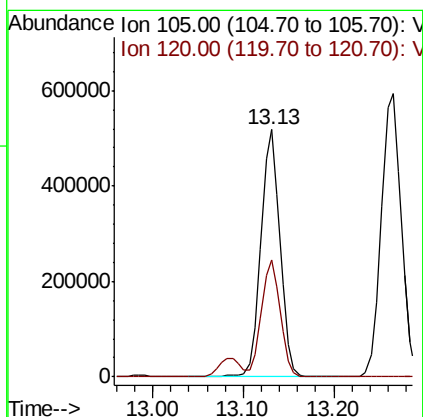
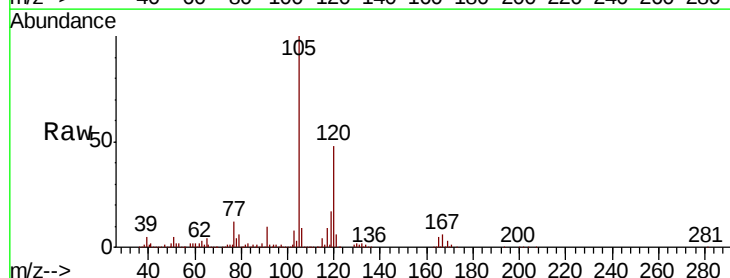
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

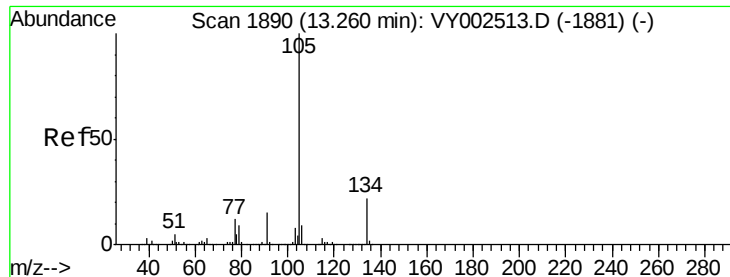
Tot Ion:119 Resp: 661271
Ion Ratio Lower Upper
119 100
91 61.2 30.6 91.6
134 26.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 53.503 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:105 Resp: 751531
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 52.548 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

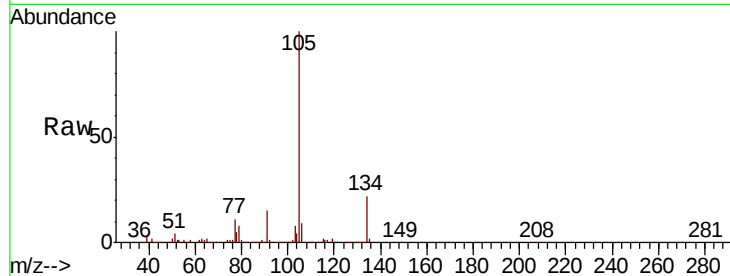
VSTDCCC050EC

Tot Ion:105 Resp: 901119

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

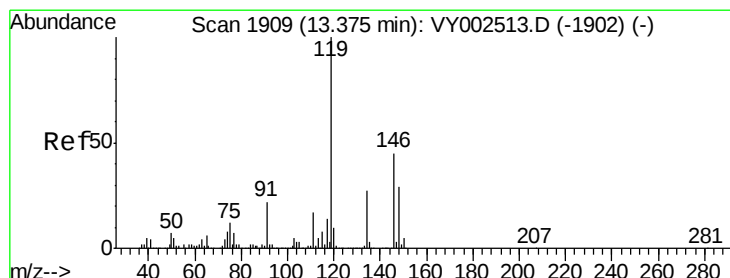
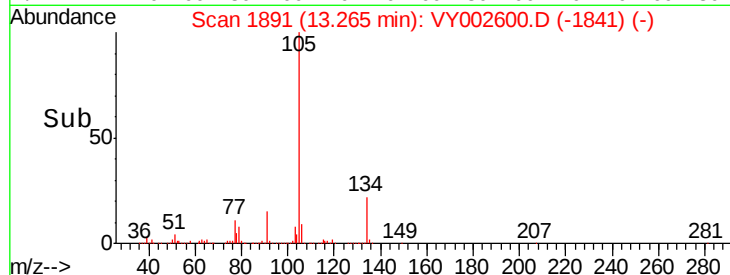
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.502 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

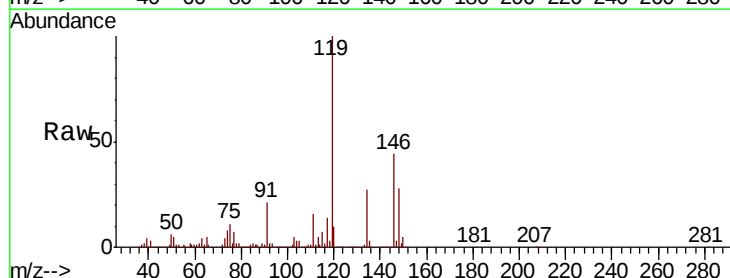
Tgt Ion:119 Resp: 843597

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.7 10.9 32.9



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

13.38

800000

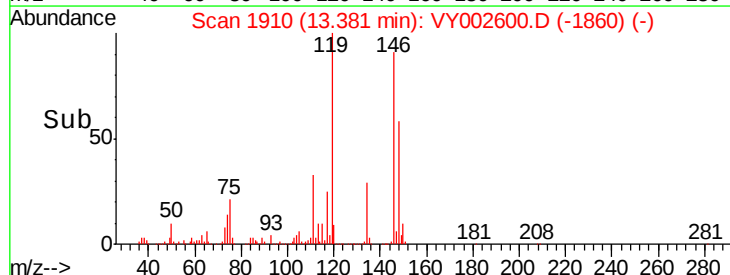
600000

400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.863 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

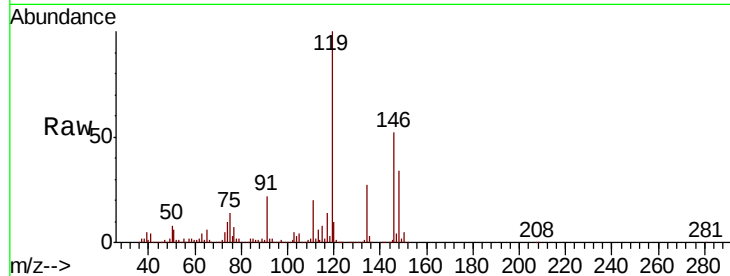
Tot Ion:146 Resp: 425026

Ion Ratio Lower Upper

146 100

111 37.4 18.8 56.3

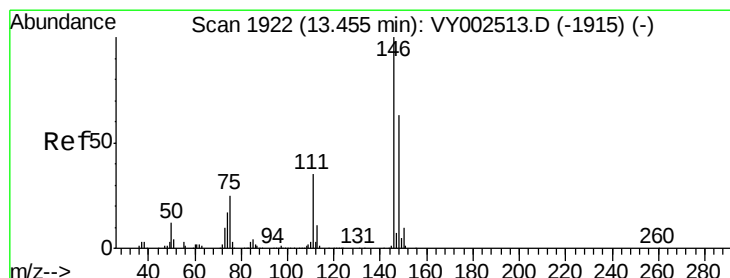
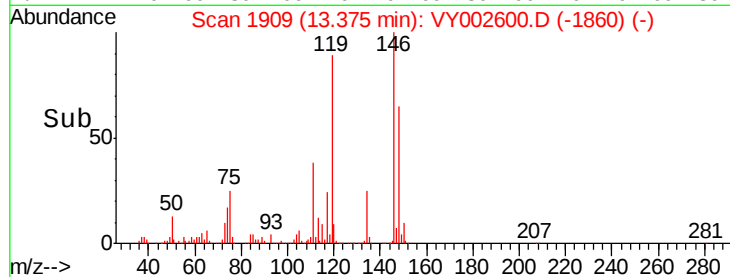
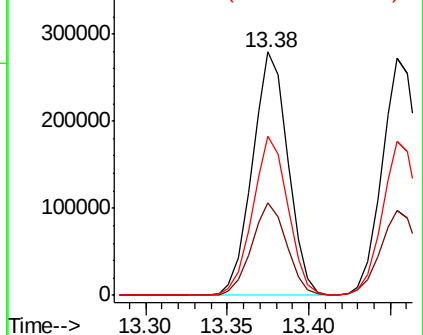
148 64.5 32.1 96.3



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: 53.277 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

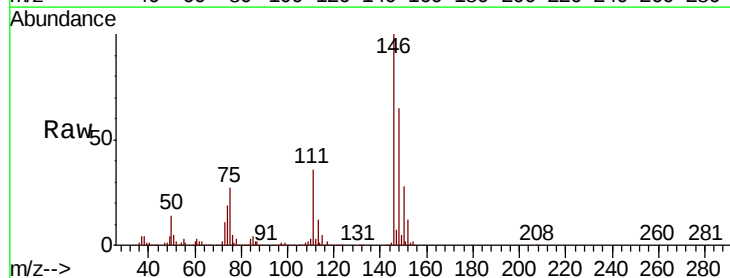
Tgt Ion:146 Resp: 424158

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

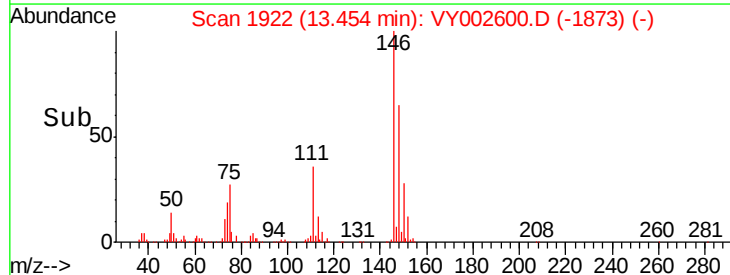
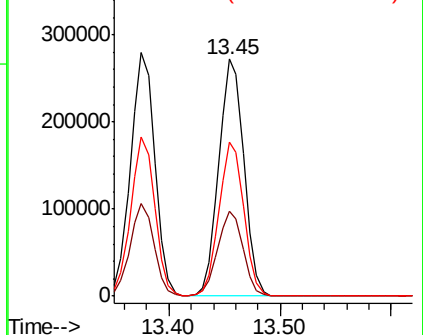
148 64.1 31.9 95.5

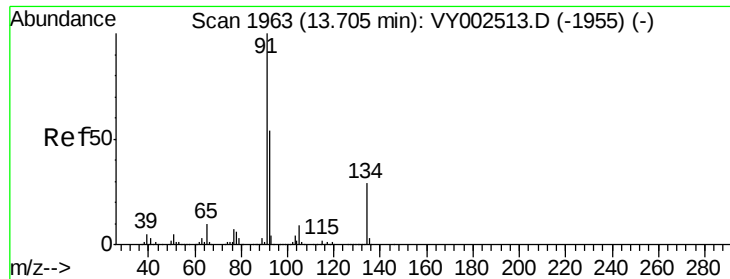


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

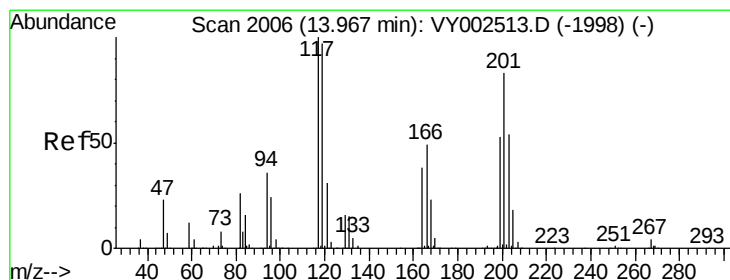
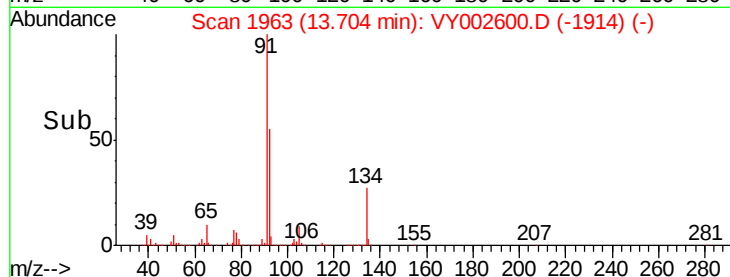
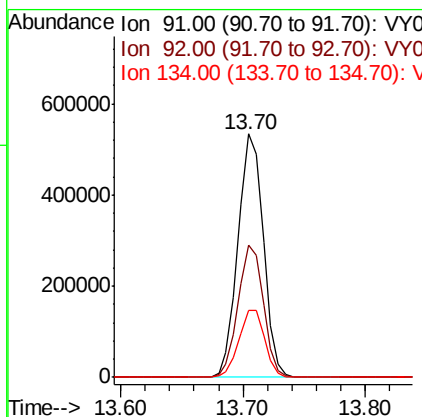
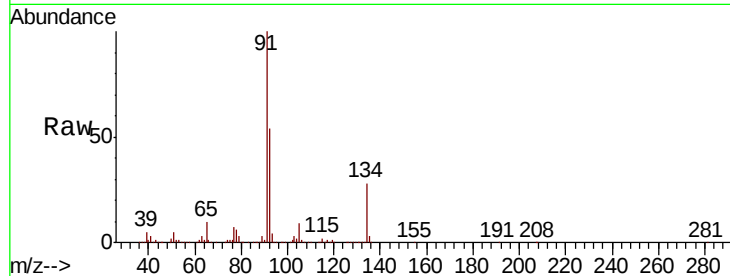




#89
n-Butylbenzene
Concen: 52.310 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

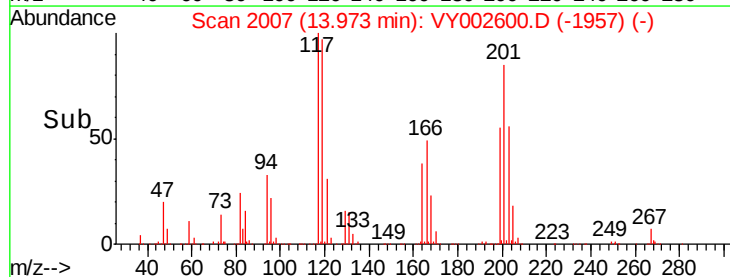
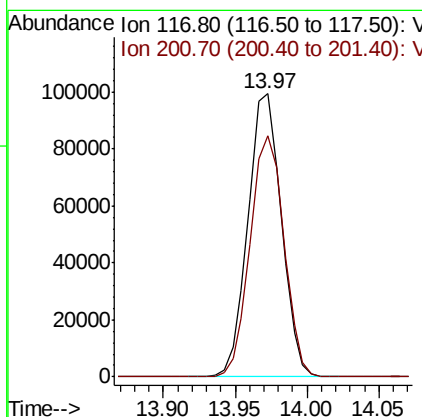
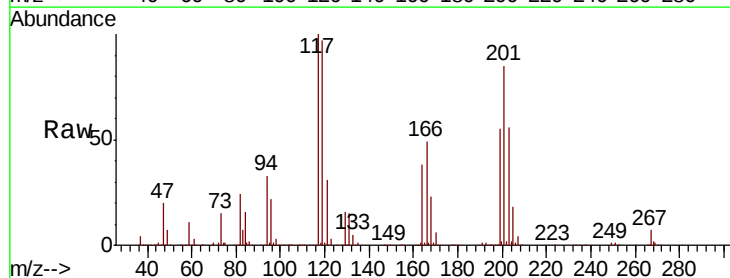
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

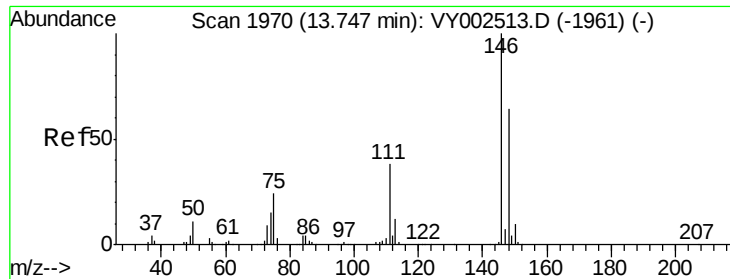
Tot Ion: 91 Resp: 765161
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.3
134 28.2 14.4 43.0



#90
Hexachloroethane
Concen: 54.516 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 117 Resp: 159521
Ion Ratio Lower Upper
117 100
201 86.2 44.4 133.2

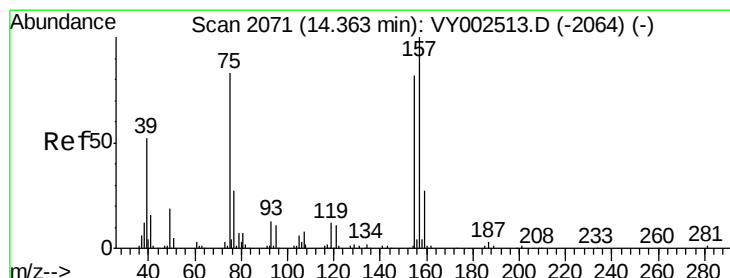
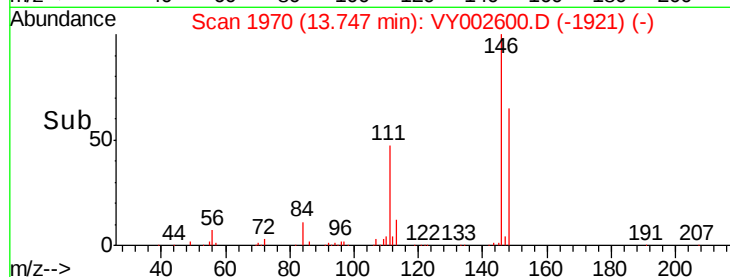
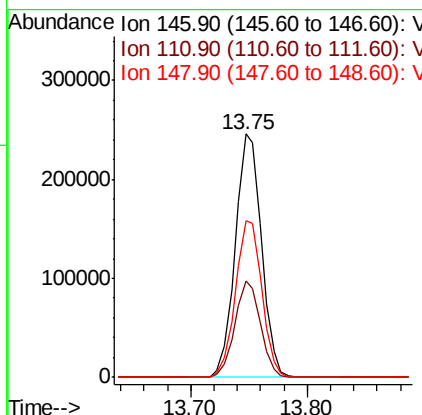
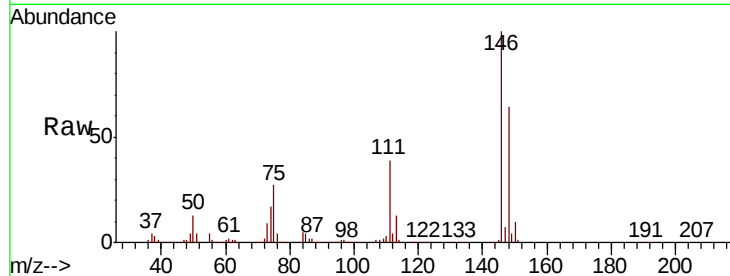




#91
 1,2-Dichlorobenzene
 Concen: 53.787 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

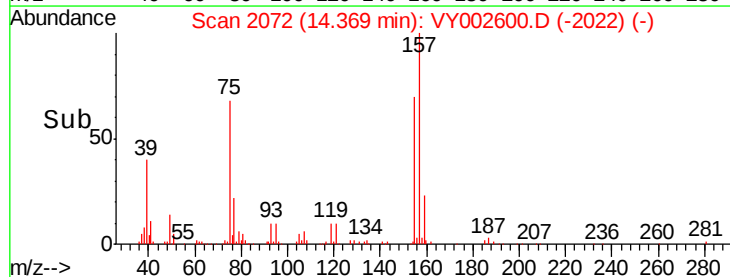
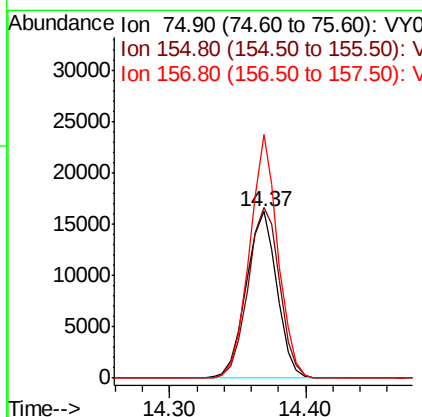
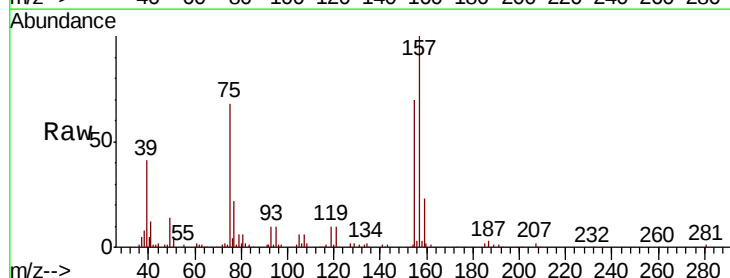
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

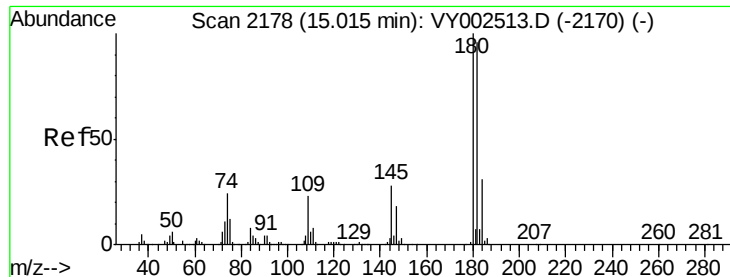
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.934 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.5	51.3	153.9
157	134.7	65.0	195.0

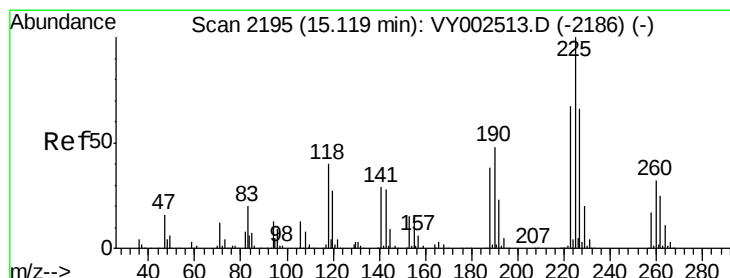
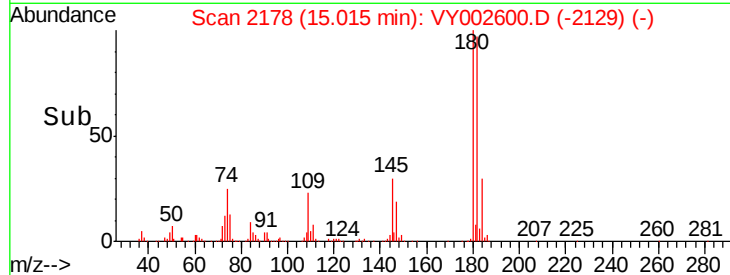
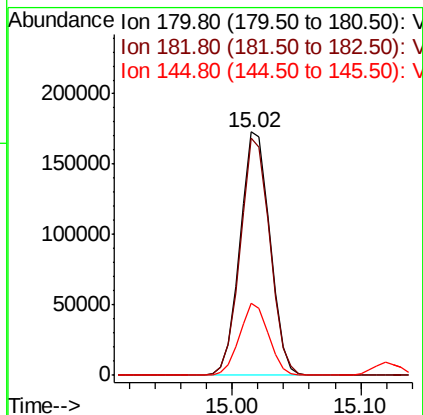
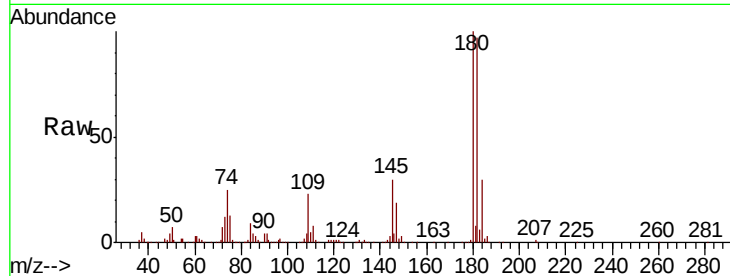




#93
 1,2,4-Trichlorobenzene
 Concen: 53.099 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

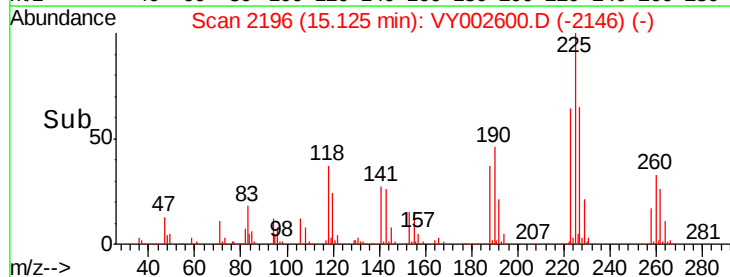
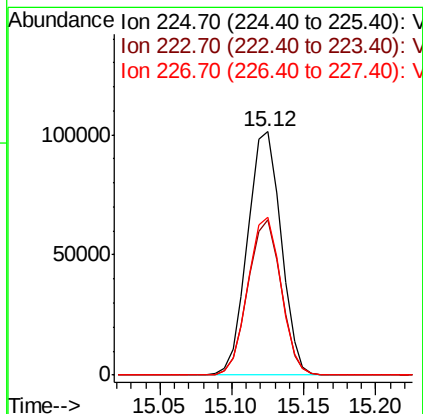
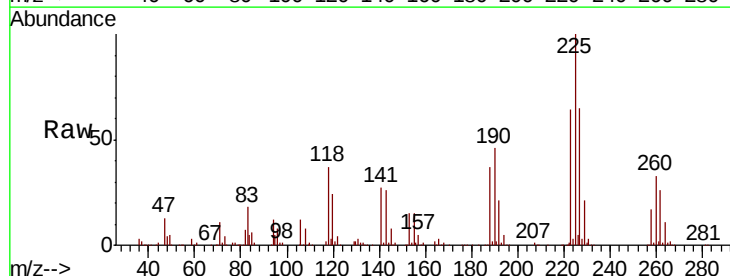
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

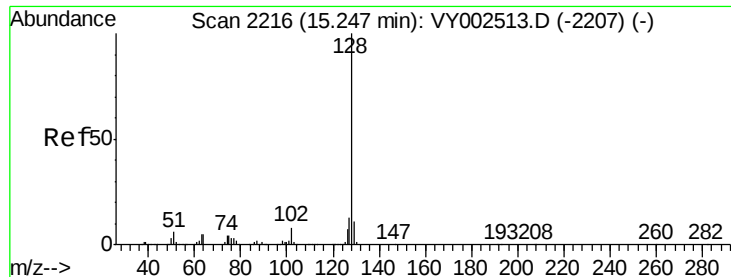
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	28.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 52.123 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.5
227	64.1	32.0	96.2

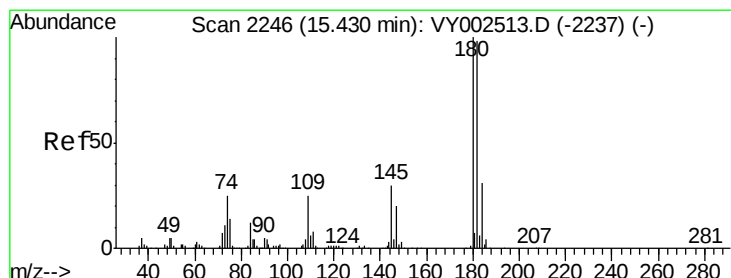
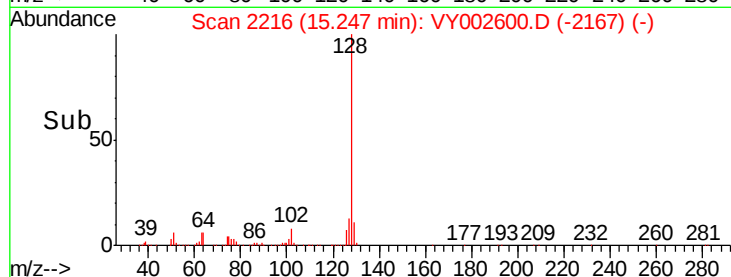
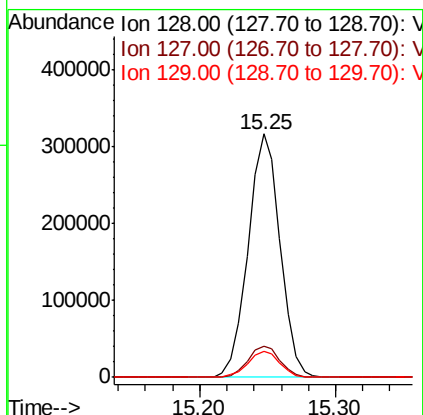
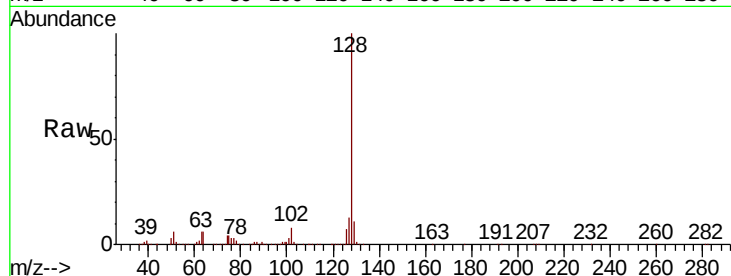




#95
Naphthalene
Concen: 54.676 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 519522
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.064 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:180 Resp: 239057
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 30.5 15.0 45.1

