

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003024.D
 Acq On : 29 Jun 2020 22:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 06:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	580449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	872990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	795021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	419490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	286432	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.72	113	272308	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.18	98	980543	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.48	95	355984	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	204766	46.581	ug/l	98
3) Chloromethane	2.12	50	282268	43.849	ug/l	97
4) Vinyl Chloride	2.26	62	311096	49.544	ug/l	97
5) Bromomethane	2.65	94	226733	53.182	ug/l	100
6) Chloroethane	2.80	64	206181	51.616	ug/l	98
7) Trichlorofluoromethane	3.13	101	434130	48.985	ug/l	97
8) Diethyl Ether	3.54	74	155203	51.083	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	261254	49.370	ug/l	98
10) Methyl Iodide	4.10	142	348261	53.074	ug/l	99
11) Tert butyl alcohol	4.97	59	146794	249.852	ug/l	99
12) 1,1-Dichloroethene	3.88	96	249112	49.476	ug/l	91
13) Acrolein	3.74	56	103895	196.890	ug/l	97
14) Allyl chloride	4.49	41	403256	45.872	ug/l	97
15) Acrylonitrile	5.18	53	388619	248.183	ug/l	100
16) Acetone	3.96	43	302442	222.438	ug/l	98
17) Carbon Disulfide	4.20	76	771499	47.958	ug/l	99
18) Methyl Acetate	4.49	43	174842	47.730	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	783796	53.405	ug/l	99
20) Methylene Chloride	4.72	84	307656	50.821	ug/l	92
21) trans-1,2-Dichloroethene	5.23	96	285447	50.120	ug/l	95
22) Diisopropyl ether	6.13	45	918323	48.740	ug/l	96
23) Vinyl Acetate	6.07	43	3119495	247.641	ug/l	97
24) 1,1-Dichloroethane	6.03	63	512020	49.748	ug/l	100
25) 2-Butanone	6.99	43	534979	247.694	ug/l	98
26) 2,2-Dichloropropane	6.99	77	428354	45.808	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	327038	51.196	ug/l	96
28) Bromochloromethane	7.34	49	227385	49.653	ug/l	90
29) Tetrahydrofuran	7.36	42	362418	252.327	ug/l	95
30) Chloroform	7.52	83	515859	50.592	ug/l	98
31) Cyclohexane	7.78	56	447354	44.120	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	465328	49.996	ug/l	99
36) 1,1-Dichloropropene	7.93	75	398226	47.357	ug/l	98
37) Ethyl Acetate	7.08	43	250155	49.477	ug/l	98
38) Carbon Tetrachloride	7.91	117	422267	48.264	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	488745	46.878	ug/l	99
40) Benzene	8.16	78	1134176	49.266	ug/l	100
41) Methacrylonitrile	7.35	41	338133	125.198	ug/l #	42
42) 1,2-Dichloroethane	8.24	62	359788	49.401	ug/l	100
43) Isopropyl Acetate	8.28	43	478656	49.800	ug/l	97
44) Trichloroethene	8.94	130	339612	50.754	ug/l	100
45) 1,2-Dichloropropane	9.22	63	296646	47.895	ug/l	98
46) Dibromomethane	9.31	93	177640	51.352	ug/l	98
47) Bromodichloromethane	9.50	83	428799	50.623	ug/l	99
48) Methyl methacrylate	9.30	41	216733	49.540	ug/l	95
49) 1,4-Dioxane	9.31	88	49073	1162.122	ug/l #	95
51) 4-Methyl-2-Pentanone	10.07	43	1247832	251.183	ug/l	98
52) Toluene	10.24	92	709303	48.944	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	443702	49.963	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	497414	48.975	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	250278	52.066	ug/l	99
56) Ethyl methacrylate	10.51	69	373008	53.606	ug/l	97
57) 1,3-Dichloropropane	10.79	76	431759	51.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	885124	248.023	ug/l	97
59) 2-Hexanone	10.83	43	885623	255.052	ug/l	98
60) Dibromochloromethane	10.99	129	318311	51.744	ug/l	100
61) 1,2-Dibromoethane	11.09	107	248338	52.403	ug/l	99
64) Tetrachloroethene	10.72	164	349095	51.882	ug/l	98
65) Chlorobenzene	11.52	112	794324	50.670	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	316442	51.703	ug/l	100
67) Ethyl Benzene	11.59	91	1417529	49.428	ug/l	98
68) m/p-Xylenes	11.70	106	1056211	98.955	ug/l	100
69) o-Xylene	12.03	106	506516	50.359	ug/l	98
70) Styrene	12.04	104	885521	51.534	ug/l	99
71) Bromoform	12.20	173	219469	53.777	ug/l	99
73) Isopropylbenzene	12.33	105	1365324	49.732	ug/l	99
74) N-amyl acetate	12.14	43	454534	50.857	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	288410	52.057	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	404253	97.371	ug/l #	100
77) Bromobenzene	12.61	156	362679	51.523	ug/l	98
78) n-propylbenzene	12.67	91	1610797	48.787	ug/l	100
79) 2-Chlorotoluene	12.75	91	986528	53.530	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	1150274	49.930	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	110275	51.678	ug/l	95
82) 4-Chlorotoluene	12.85	91	1011310	52.706	ug/l	100
83) tert-Butylbenzene	13.08	119	1011067	49.981	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1158208	49.892	ug/l	99
85) sec-Butylbenzene	13.25	105	1373682	49.267	ug/l	100
86) p-Isopropyltoluene	13.37	119	1278506	49.485	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	661741	50.354	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	657639	50.748	ug/l	100
89) n-Butylbenzene	13.69	91	1163154	47.054	ug/l	99
90) Hexachloroethane	13.96	117	258388	50.365	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	605362	51.341	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	53801	54.856	ug/l	95

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QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

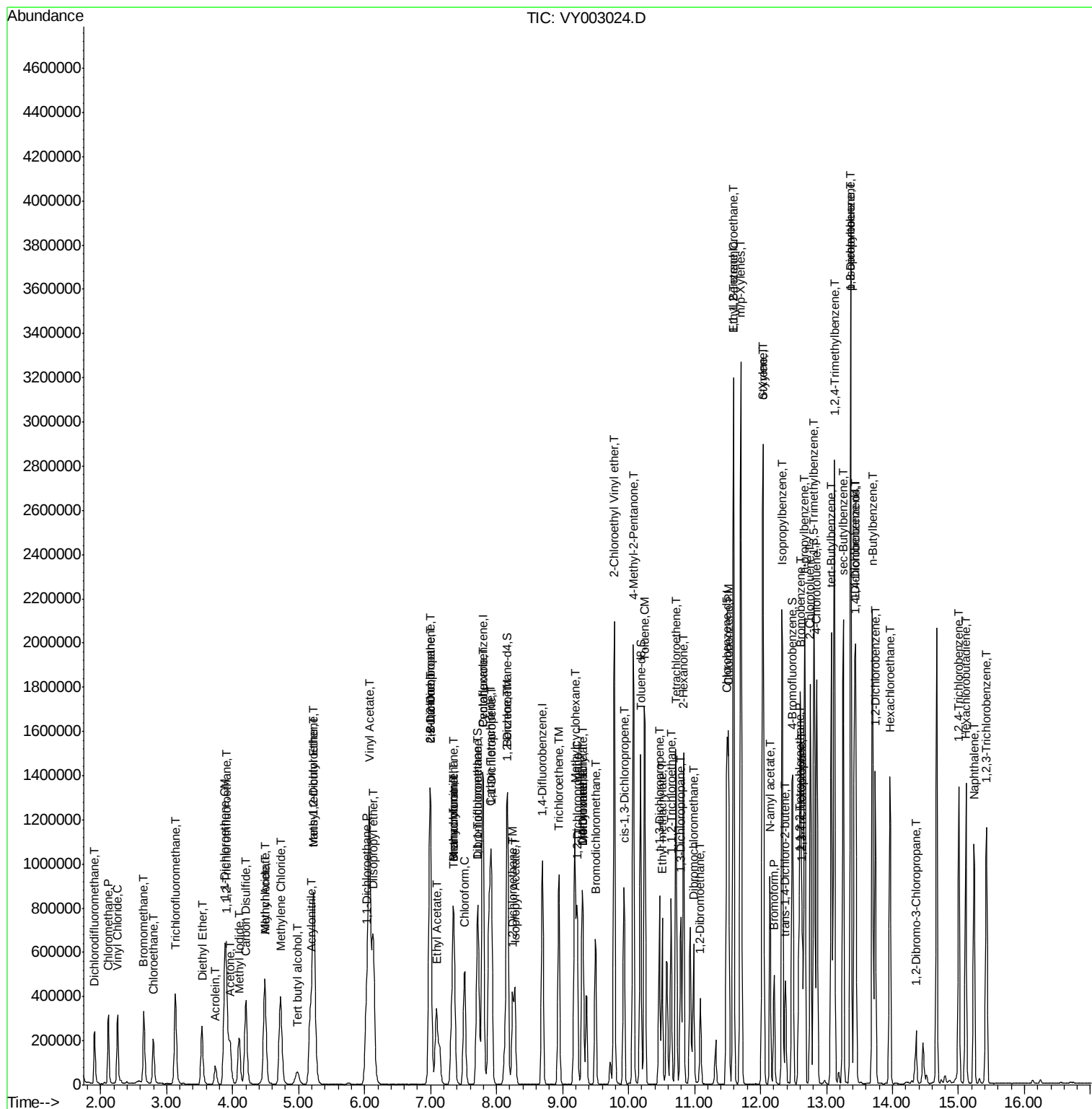
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	448115	51.146	ug/l	98
94) Hexachlorobutadiene	15.11	225	276838	50.093	ug/l	98
95) Naphthalene	15.23	128	887218	55.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	397694	52.274	ug/l	99

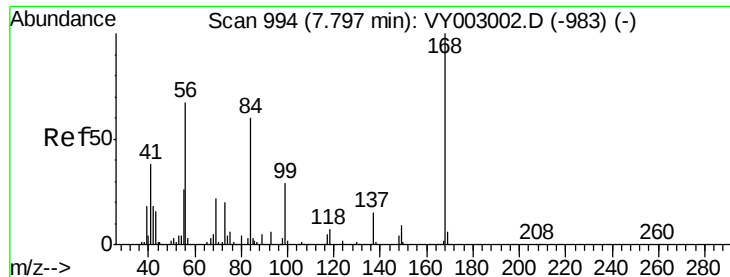
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

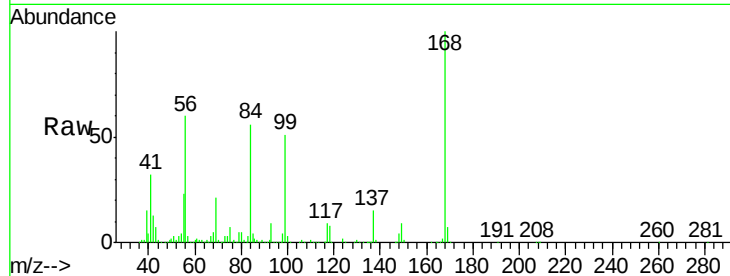
VSTDCCC050EC

Tot Ion:168 Resp: 580449

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

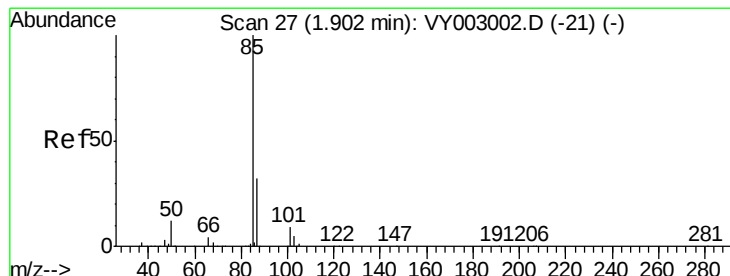
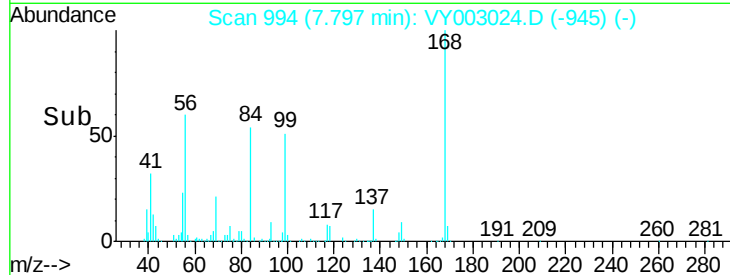
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.581 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003024.D

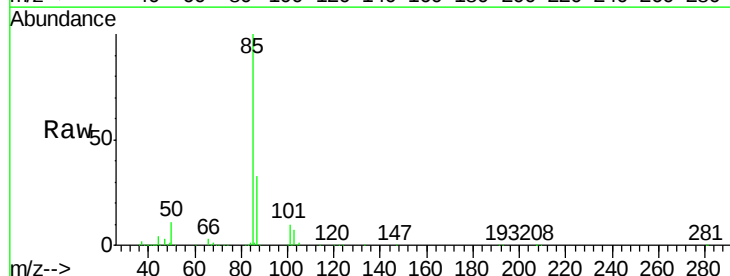
Acq: 29 Jun 2020 22:20

Tgt Ion: 85 Resp: 204766

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

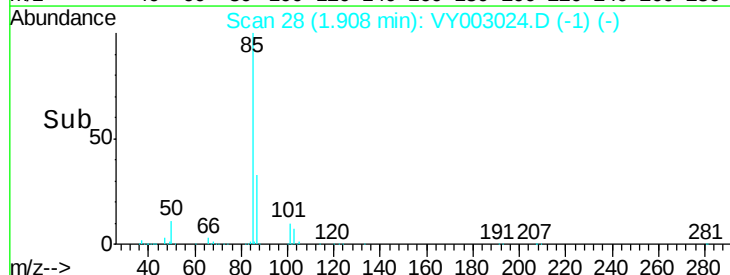
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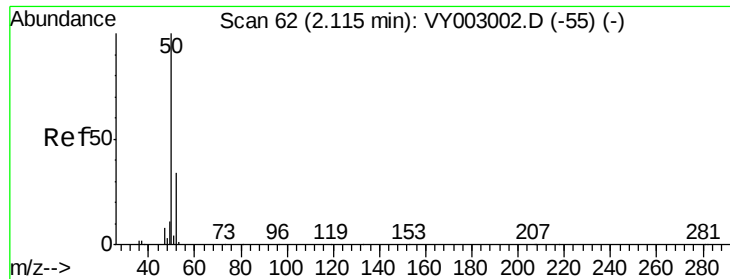
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.849 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

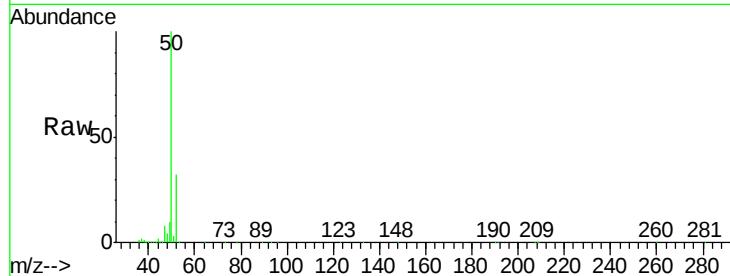
VSTDCCC050EC

Tot Ion: 50 Resp: 282268

Ion Ratio Lower Upper

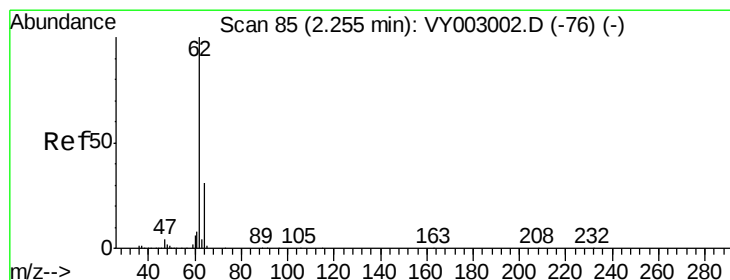
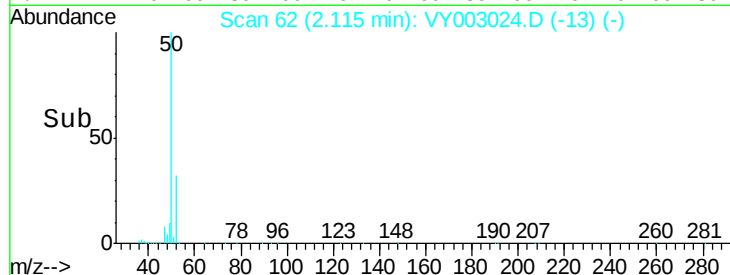
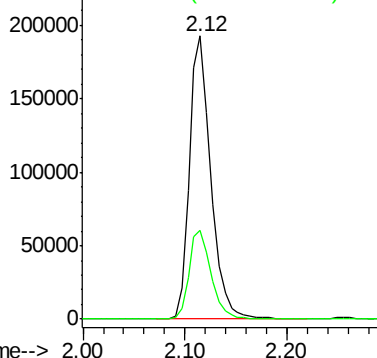
50 100

52 31.6 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.544 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003024.D

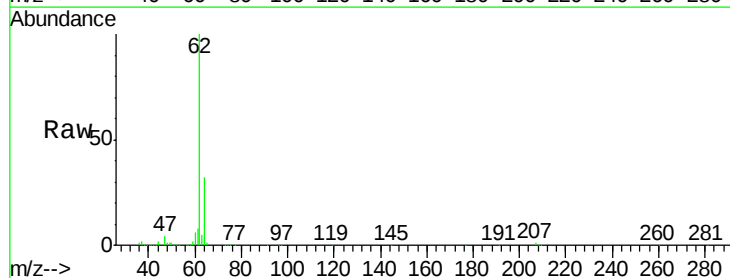
Acq: 29 Jun 2020 22:20

Tgt Ion: 62 Resp: 311096

Ion Ratio Lower Upper

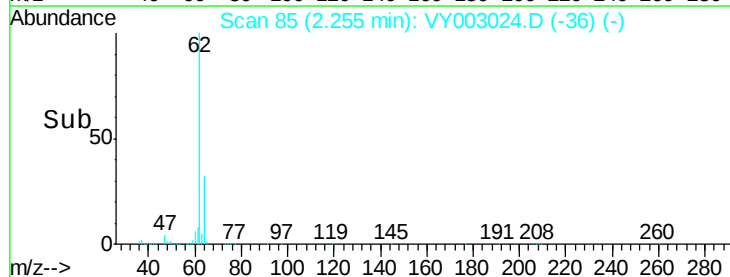
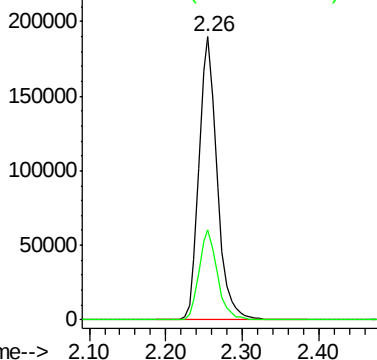
62 100

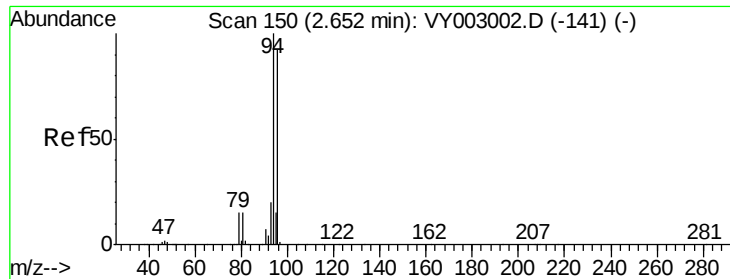
64 31.9 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.182 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

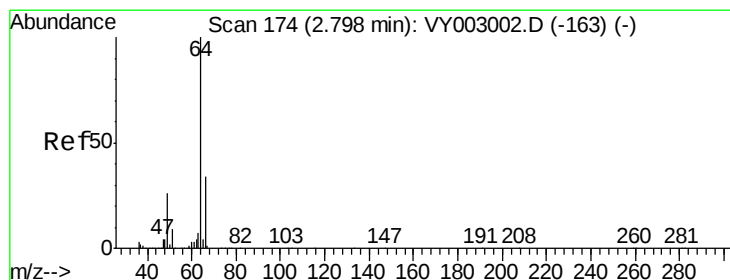
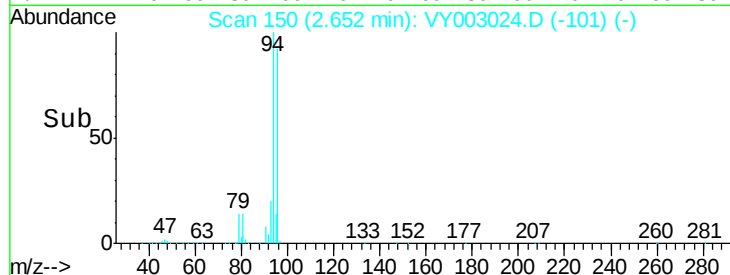
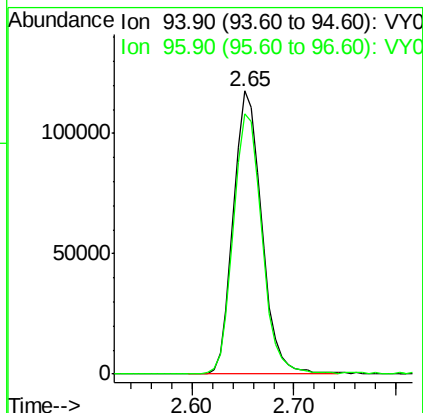
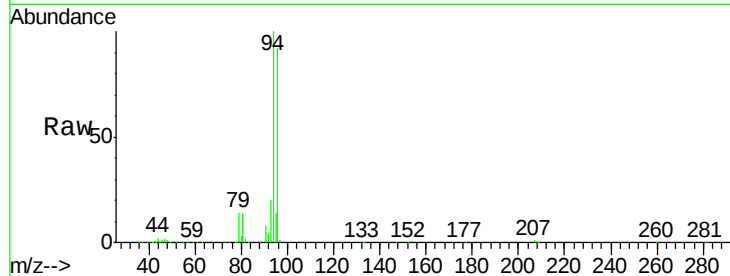
VSTDCCC050EC

Tot Ion: 94 Resp: 226733

Ion Ratio Lower Upper

94 100

96 91.8 73.4 110.2



#6

Chloroethane

Concen: 51.616 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003024.D

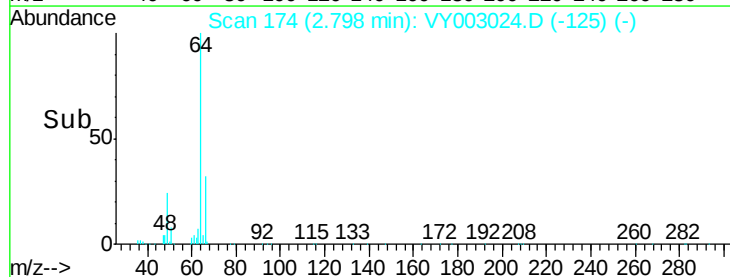
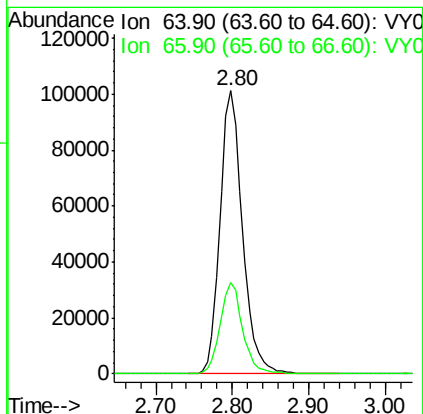
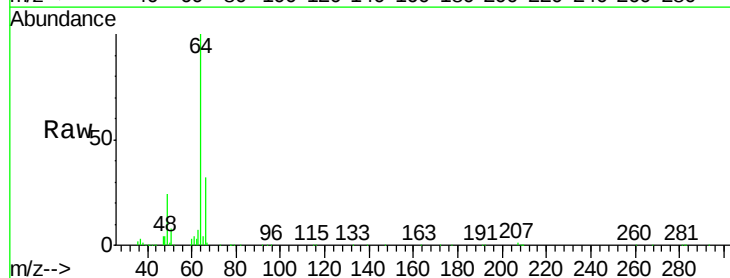
Acq: 29 Jun 2020 22:20

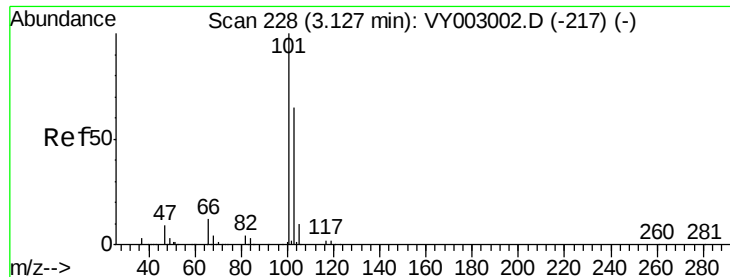
Tgt Ion: 64 Resp: 206181

Ion Ratio Lower Upper

64 100

66 32.3 27.0 40.4



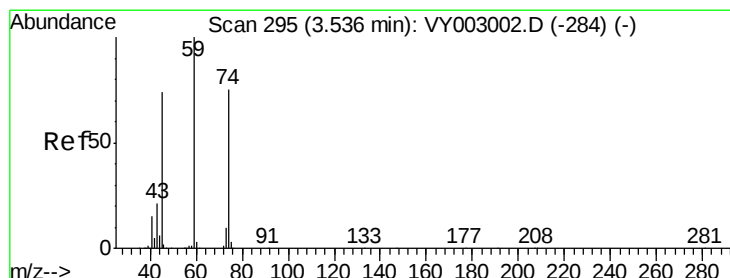
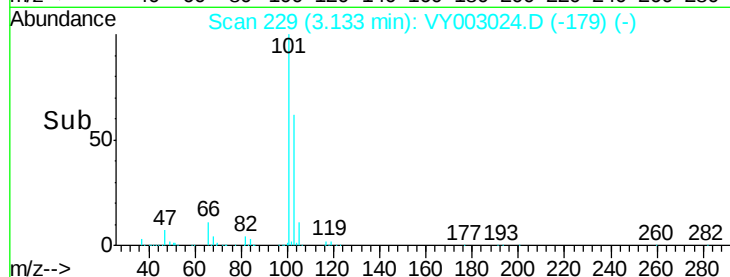
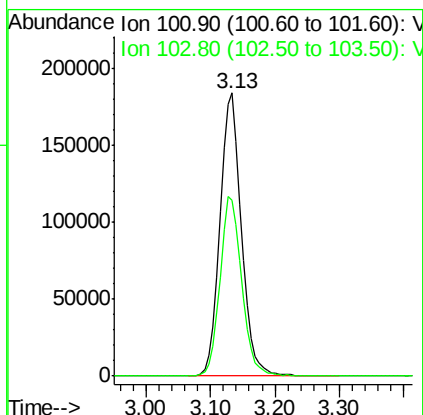
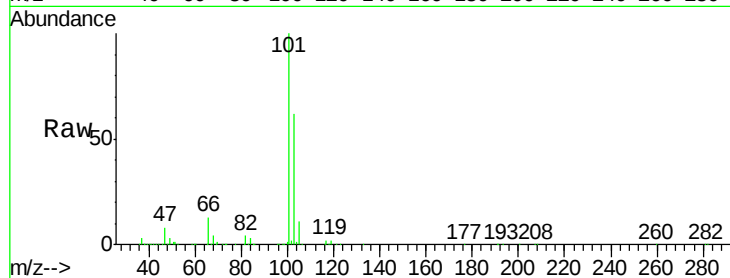


#7

Trichlorofluoromethane
 Concen: 48.985 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Instrument :
 MSVOA_Y
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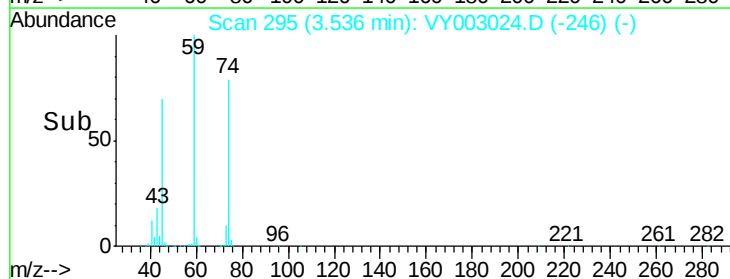
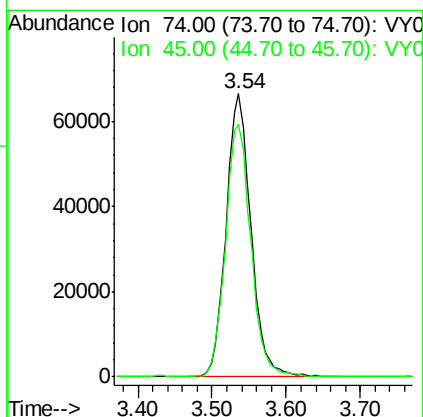
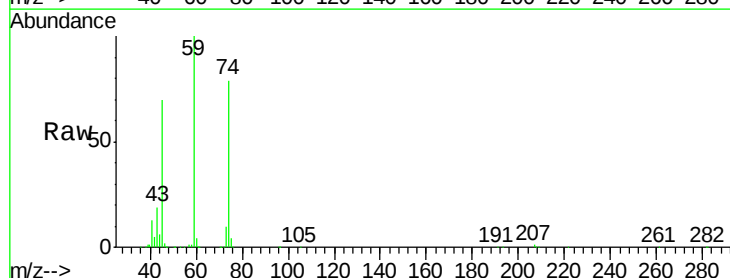
Tot Ion:101 Resp: 434130
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.6 77.4

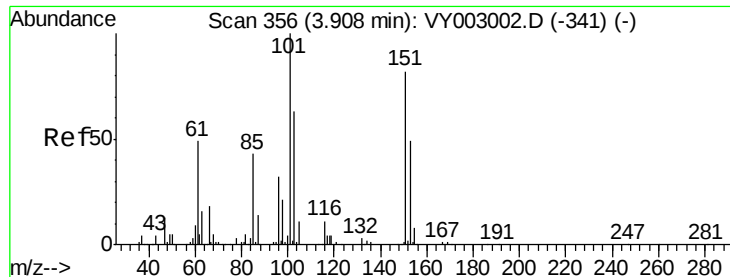


#8

Diethyl Ether
 Concen: 51.083 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion: 74 Resp: 155203
 Ion Ratio Lower Upper
 74 100
 45 91.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.370 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

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VSTDCCC050EC

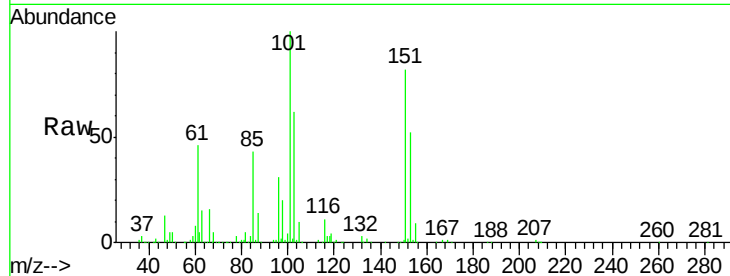
Tot Ion:101 Resp: 261254

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

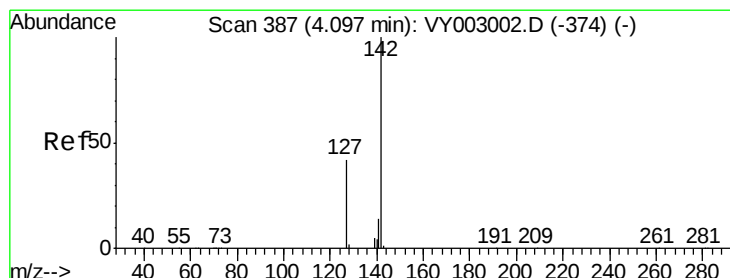
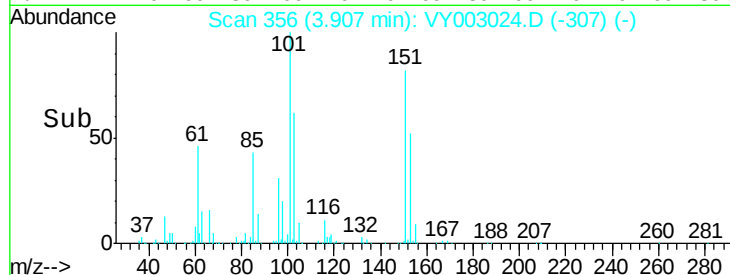
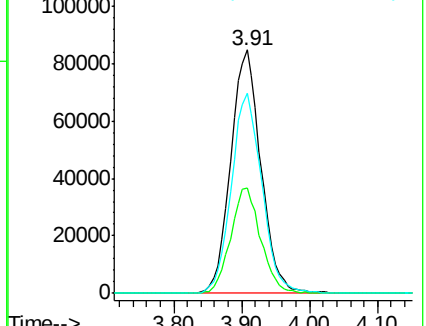
151 83.0 65.5 98.3



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: 53.074 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

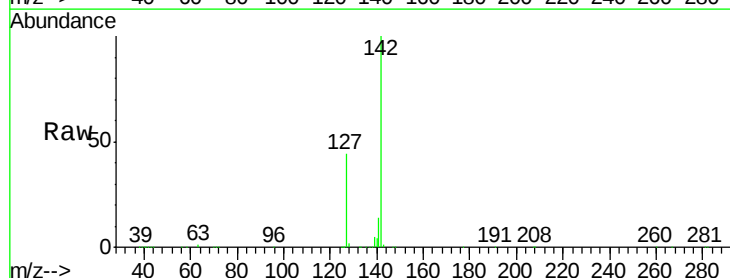
Tgt Ion:142 Resp: 348261

Ion Ratio Lower Upper

142 100

127 42.2 34.2 51.2

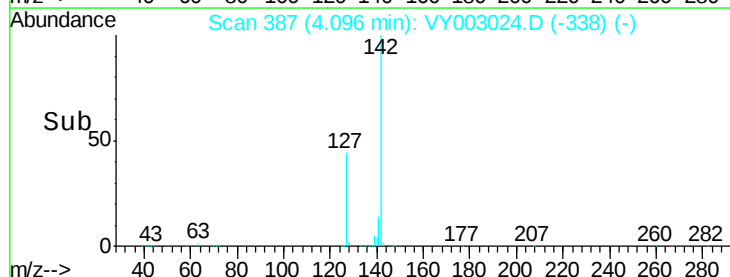
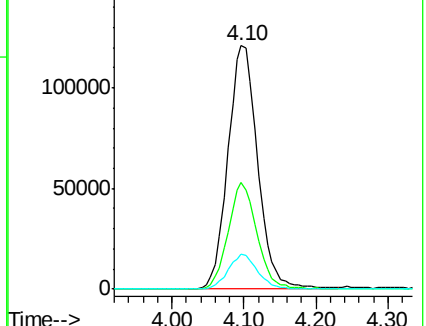
141 14.1 11.7 17.5

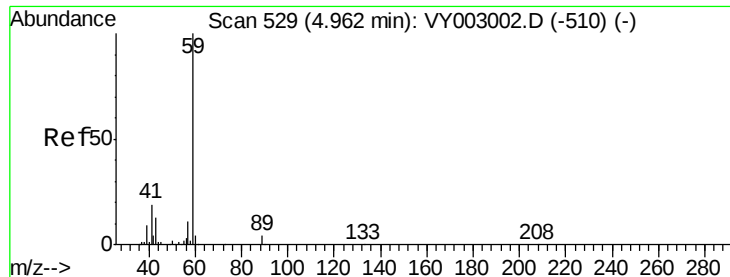


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



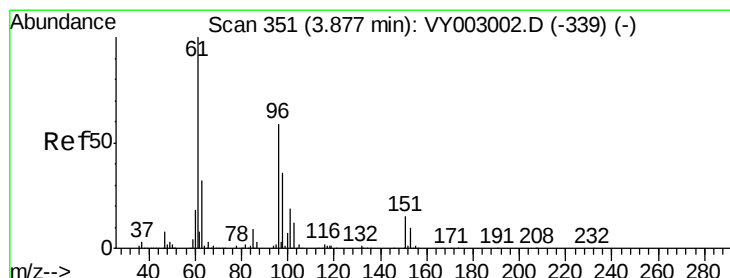
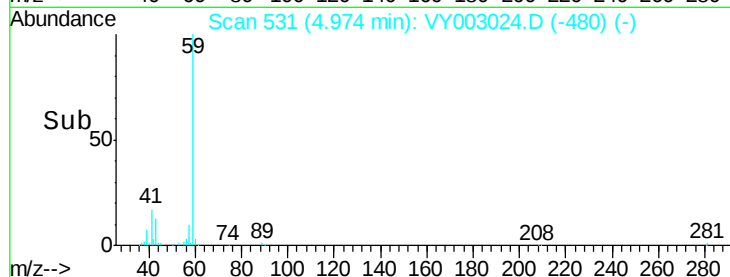
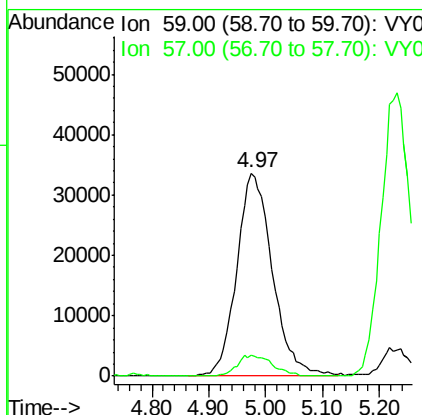
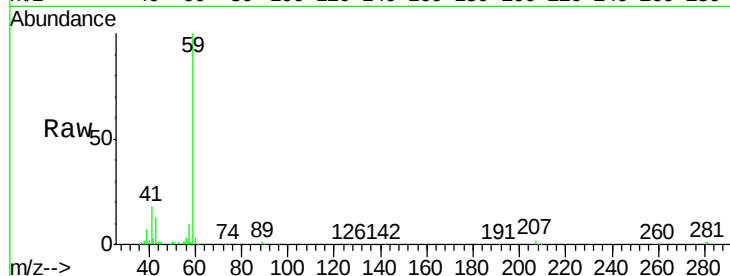


#11

Tert butyl alcohol
 Concen: 249.852 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

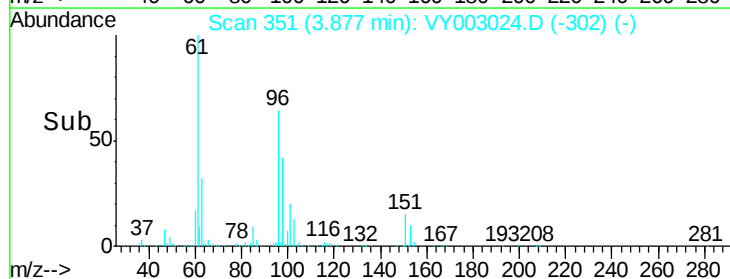
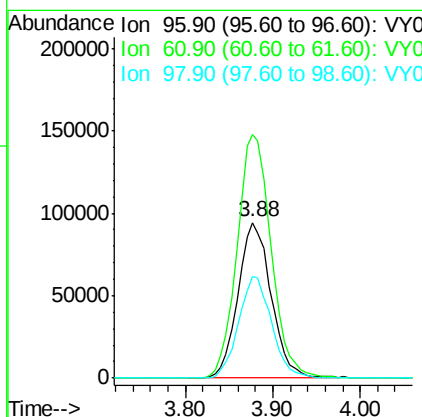
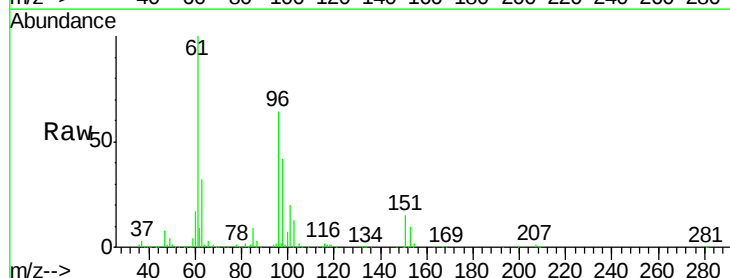
Tot Ion: 59 Resp: 146794
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.0 12.0

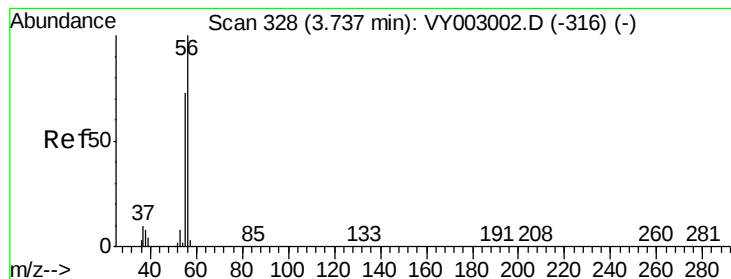


#12

1,1-Dichloroethene
 Concen: 49.476 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion: 96 Resp: 249112
 Ion Ratio Lower Upper
 96 100
 61 156.4 136.7 205.1
 98 65.4 49.7 74.5





#13

Acrolein

Concen: 196.890 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

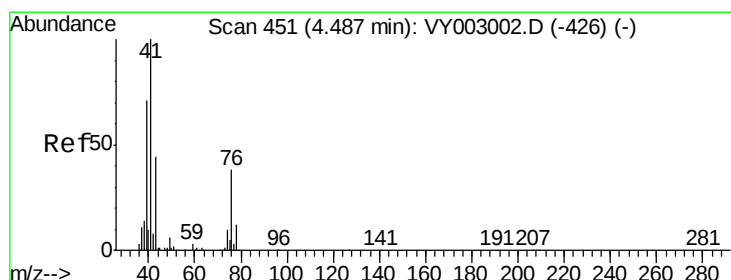
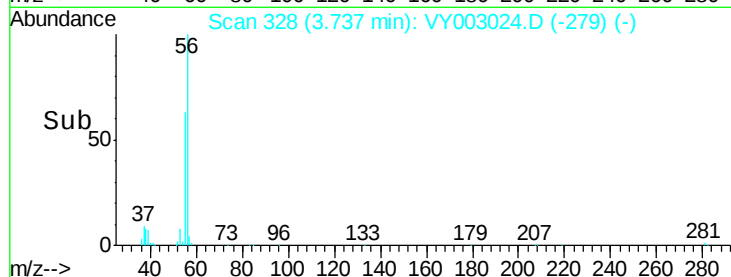
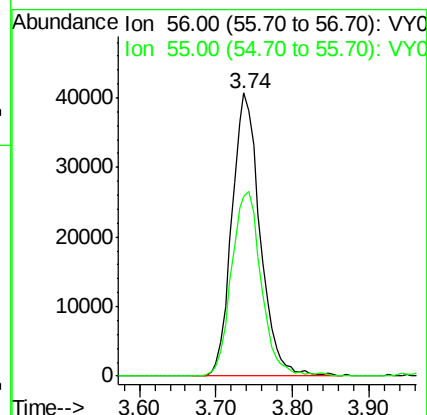
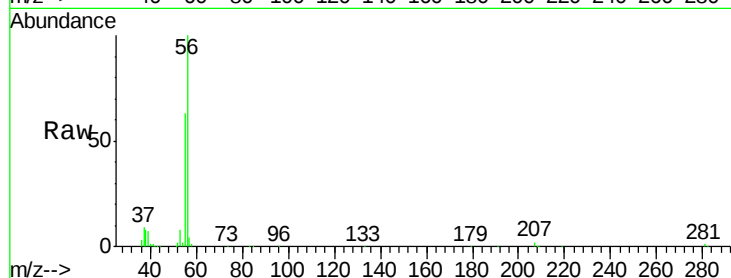
VSTDCCC050EC

Tot Ion: 56 Resp: 103895

Ion Ratio Lower Upper

56 100

55 68.4 56.4 84.6



#14

Allyl chloride

Concen: 45.872 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

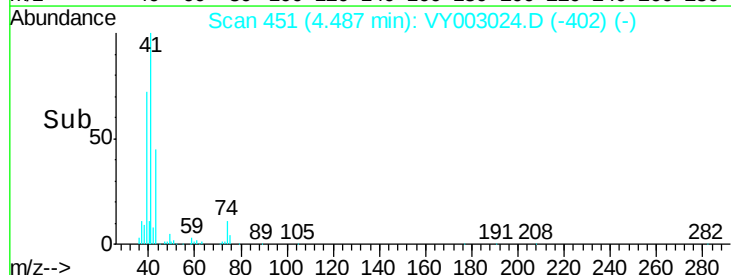
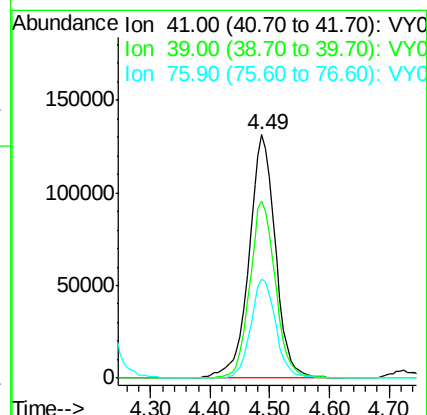
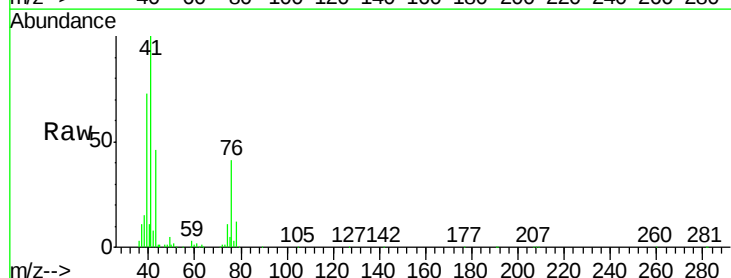
Tgt Ion: 41 Resp: 403256

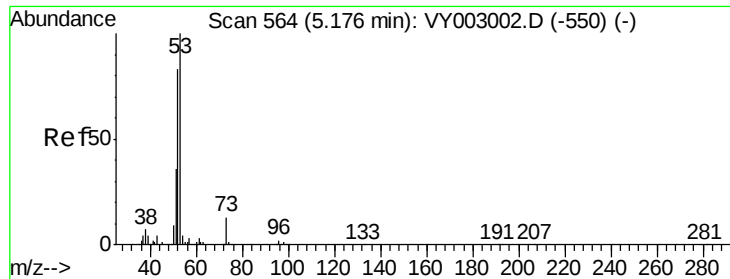
Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 38.5 28.6 43.0





#15

Acrylonitrile

Concen: 248.183 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

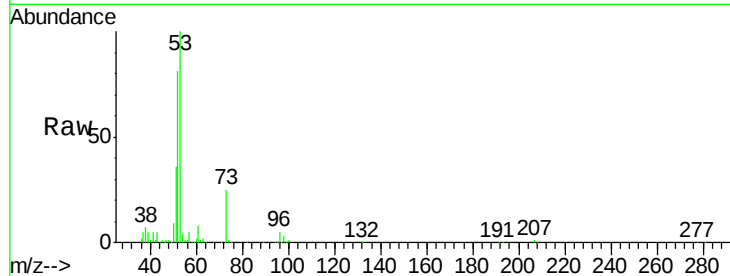
Tot Ion: 53 Resp: 388619

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

51 37.4 29.5 44.3

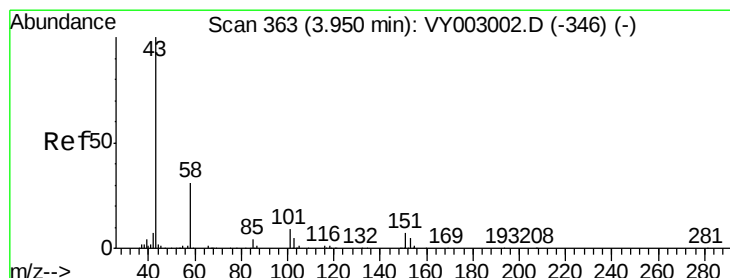
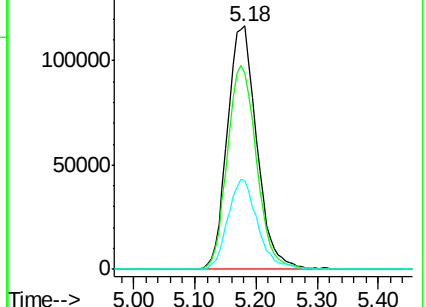
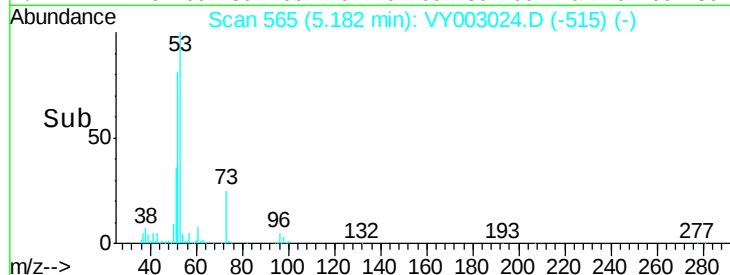


Abundance Ion 53.00 (52.70 to 53.70): VY003002.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY003002.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY003002.D (-550) (-)

Time-->



#16

Acetone

Concen: 222.438 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003024.D

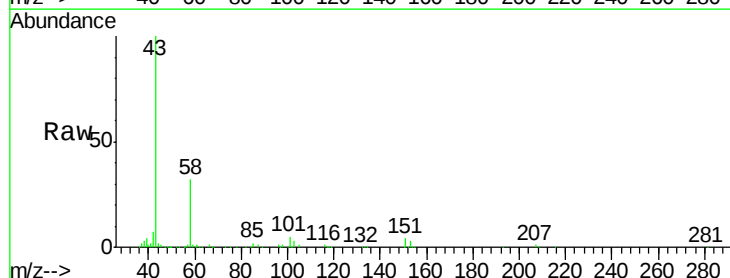
Acq: 29 Jun 2020 22:20

Tgt Ion: 43 Resp: 302442

Ion Ratio Lower Upper

43 100

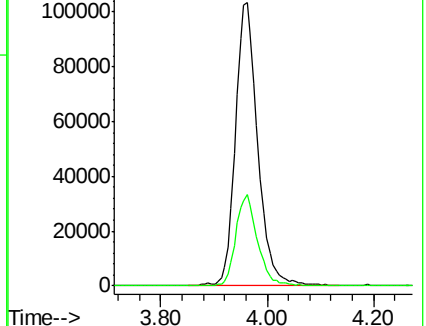
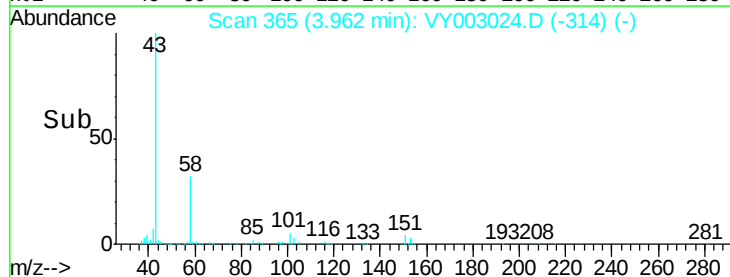
58 32.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

Time-->





#17

Carbon Disulfide

Concen: 47.958 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

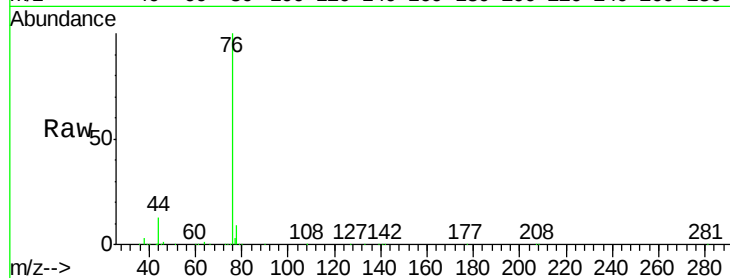
VSTDCCC050EC

Tot Ion: 76 Resp: 771499

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

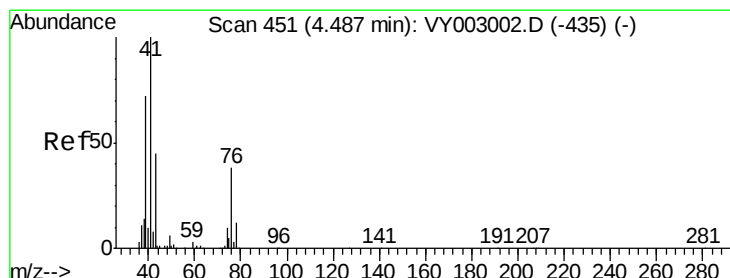
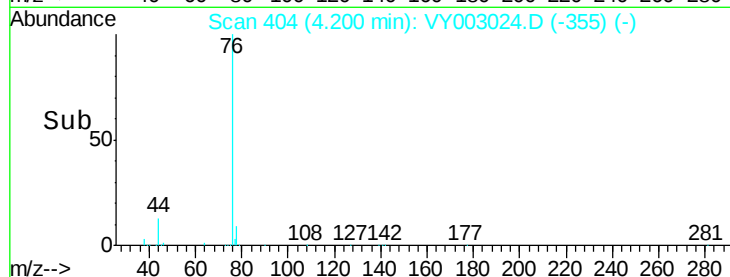
300000

200000

100000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 47.730 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003024.D

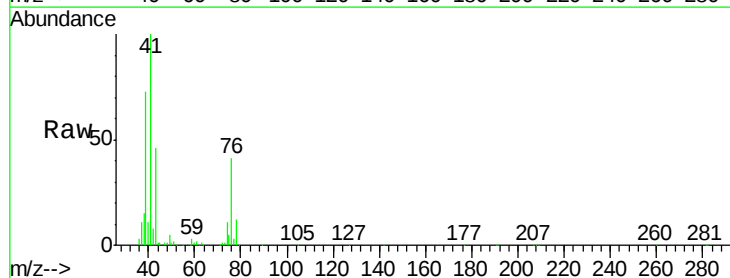
Acq: 29 Jun 2020 22:20

Tgt Ion: 43 Resp: 174842

Ion Ratio Lower Upper

43 100

74 25.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

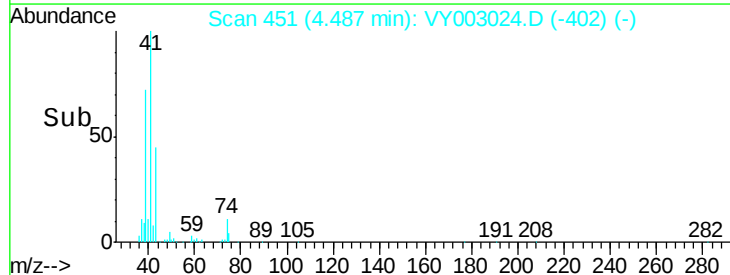
60000

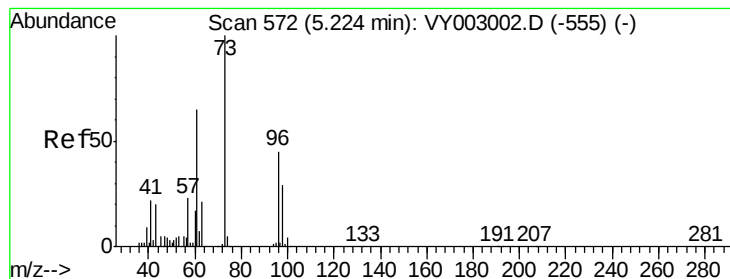
40000

20000

0

Time--> 4.40 4.50 4.60



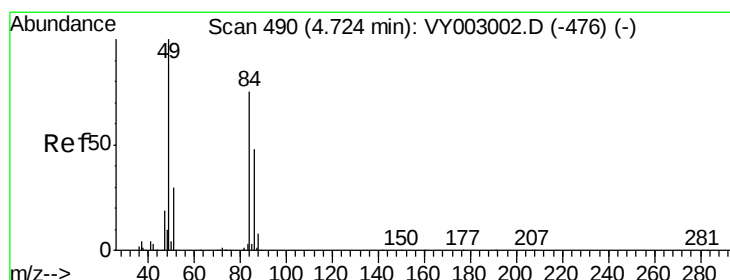
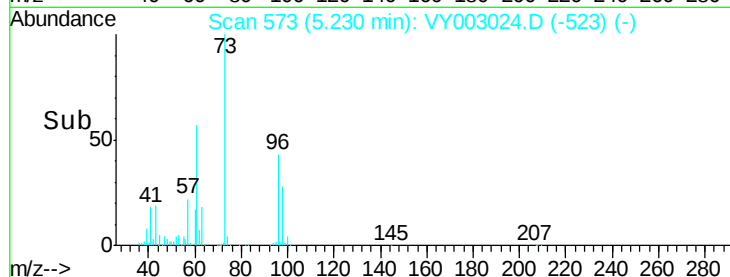
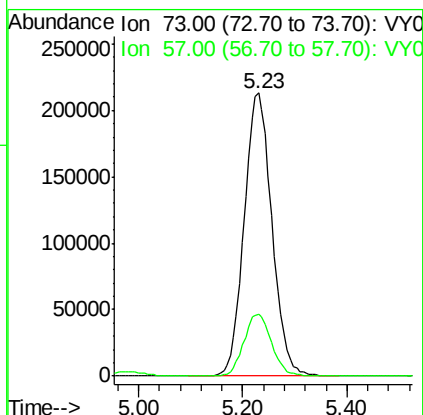
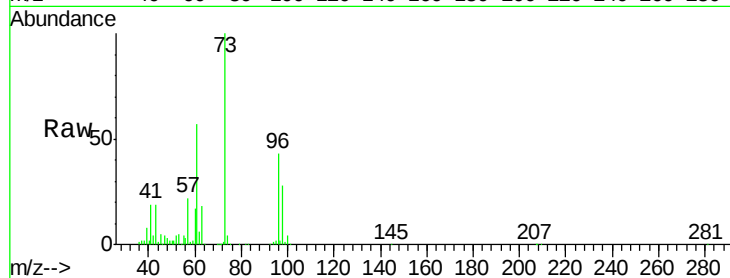


#19

Methyl tert-butyl Ether
 Concen: 53.405 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

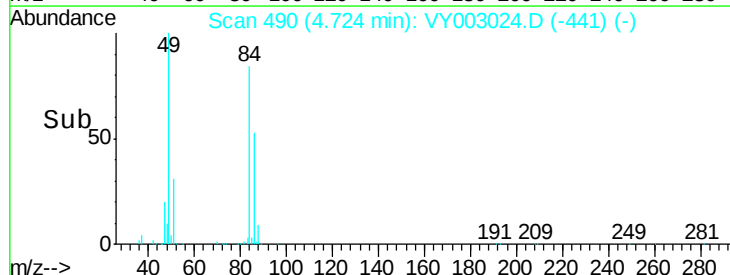
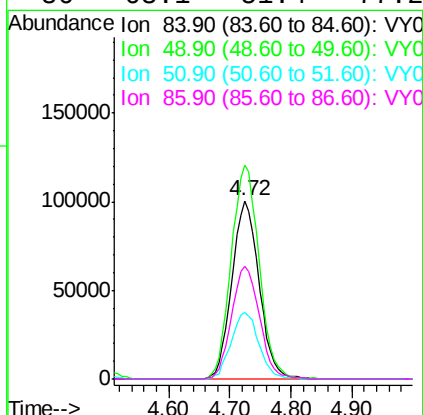
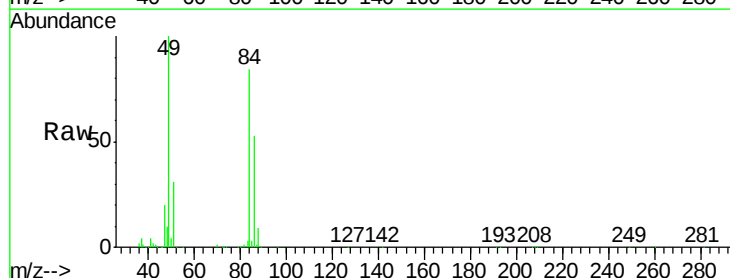
Tot Ion: 73 Resp: 783796
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.2

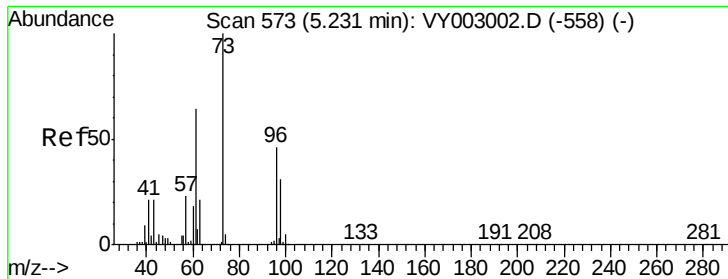


#20

Methylene Chloride
 Concen: 50.821 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion: 84 Resp: 307656
 Ion Ratio Lower Upper
 84 100
 49 119.7 106.8 160.2
 51 37.0 32.0 48.0
 86 63.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.120 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

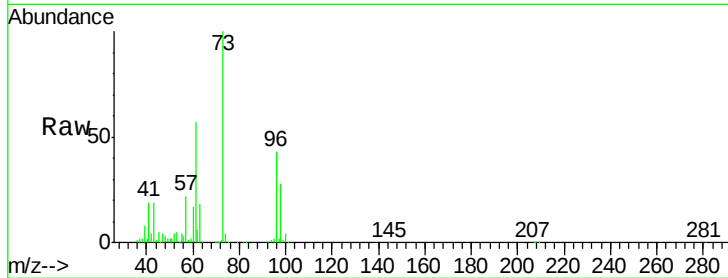
Tot Ion: 96 Resp: 285447

Ion Ratio Lower Upper

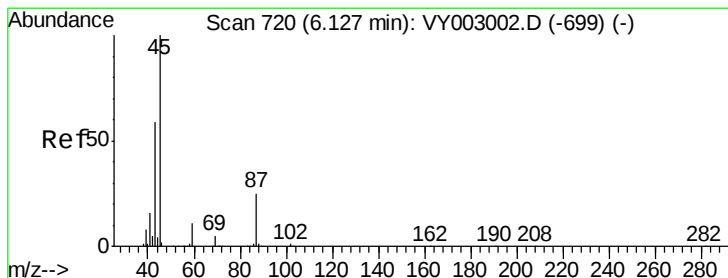
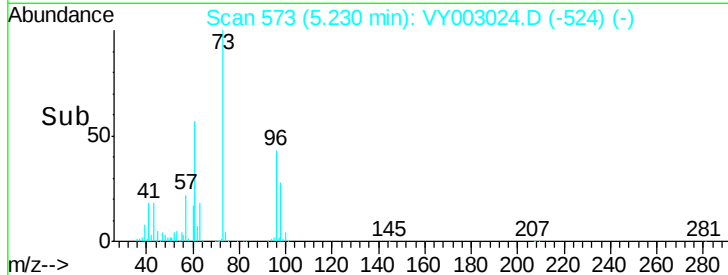
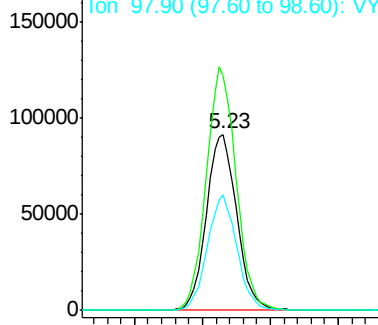
96 100

61 133.1 112.3 168.5

98 65.3 53.8 80.8



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



#22

Diisopropyl ether

Concen: 48.740 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Tgt Ion: 45 Resp: 918323

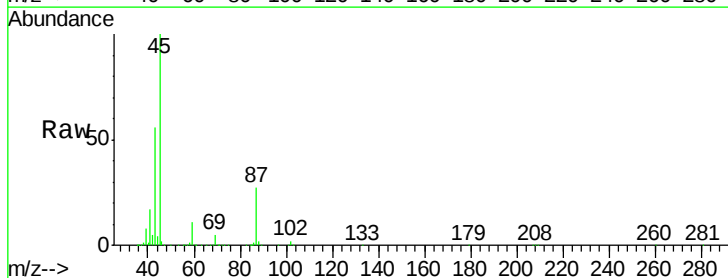
Ion Ratio Lower Upper

45 100

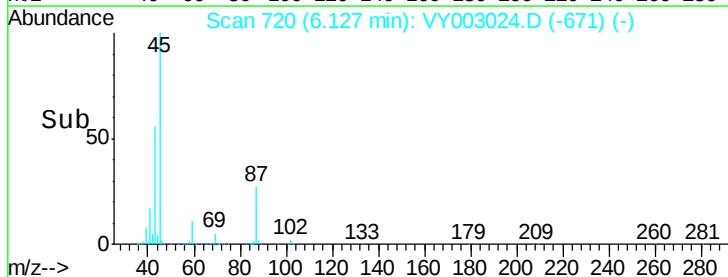
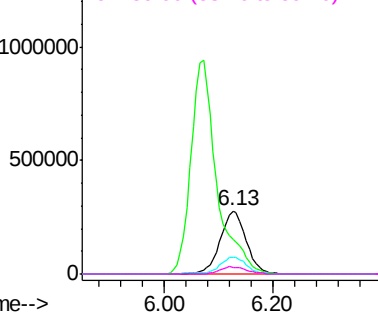
43 55.9 47.4 71.2

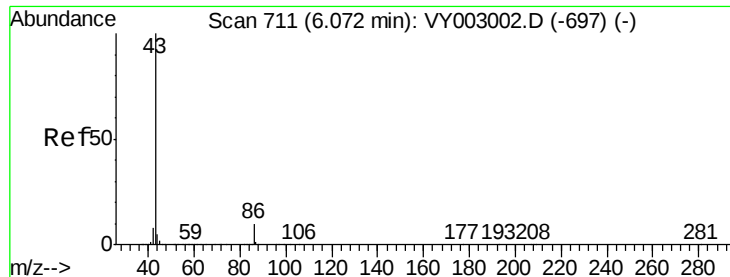
87 26.6 20.2 30.2

59 11.2 9.2 13.8



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

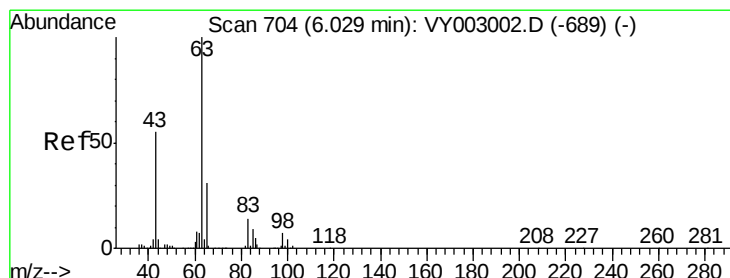
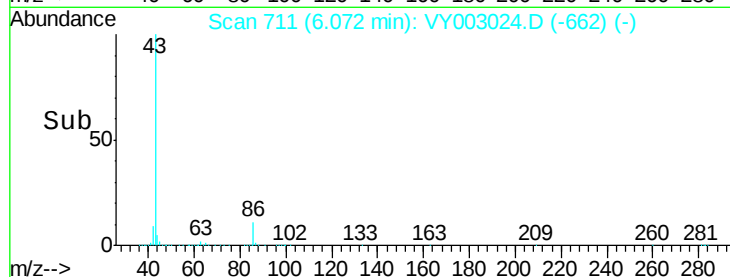
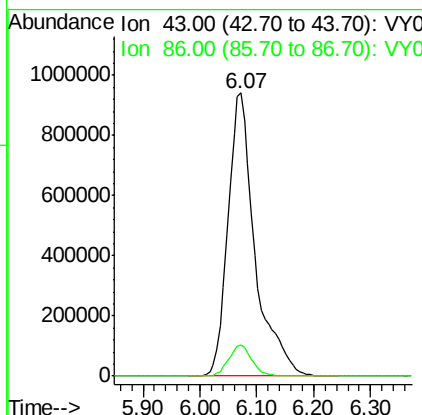
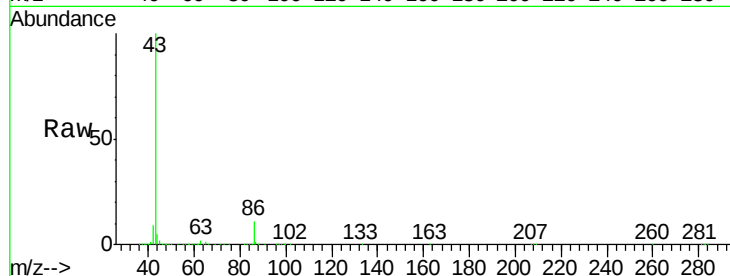




#23
 Vinyl Acetate
 Concen: 247.641 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

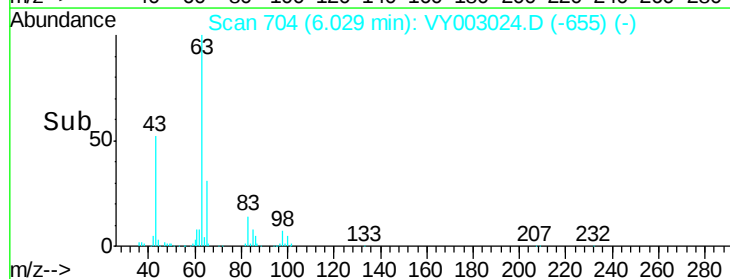
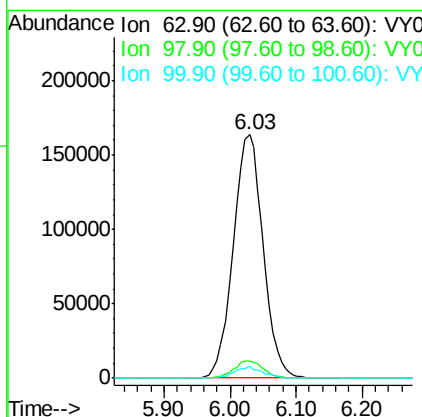
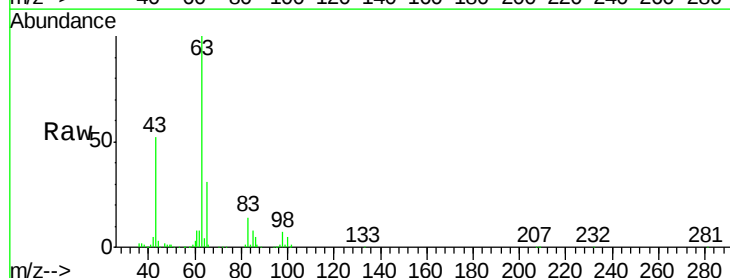
Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

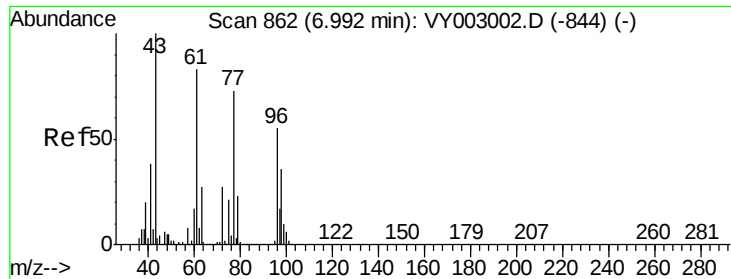
Tot Ion: 43 Resp: 3119495
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 49.748 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion: 63 Resp: 512020
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.6 2.3 6.8

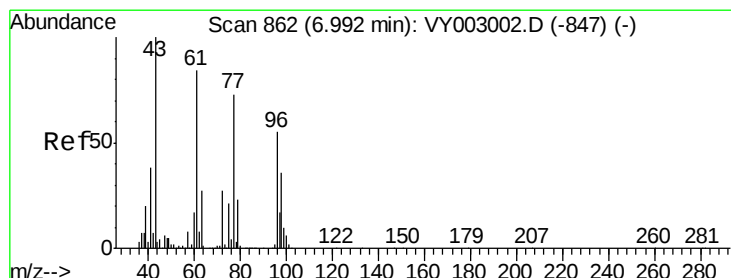
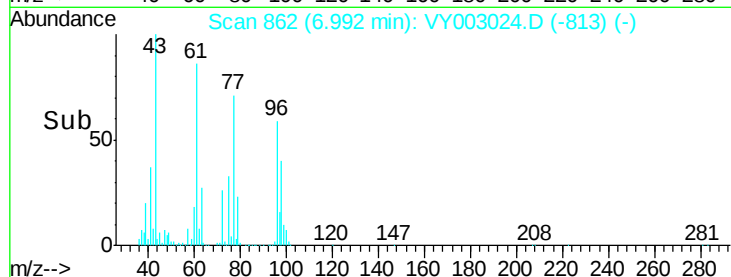
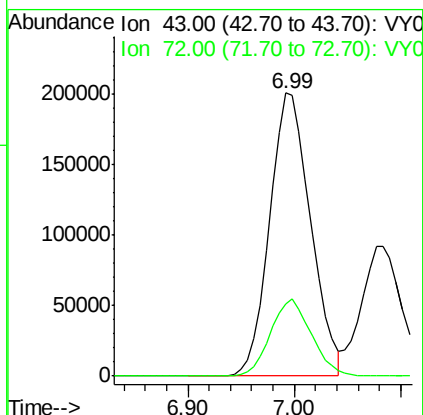
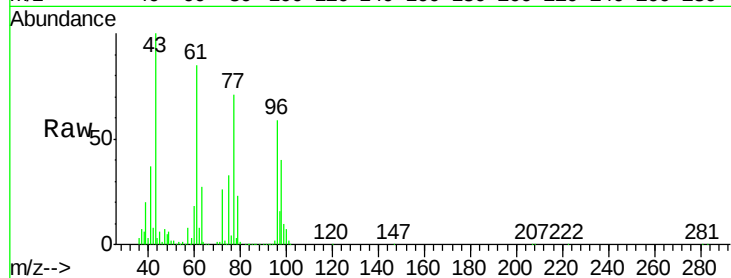




#25
2-Butanone
Concen: 247.694 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

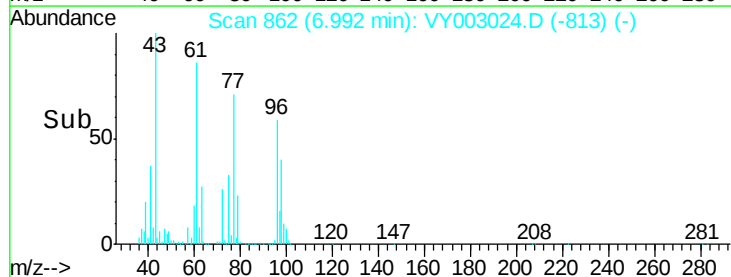
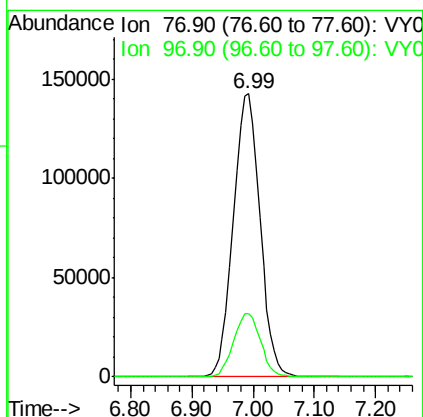
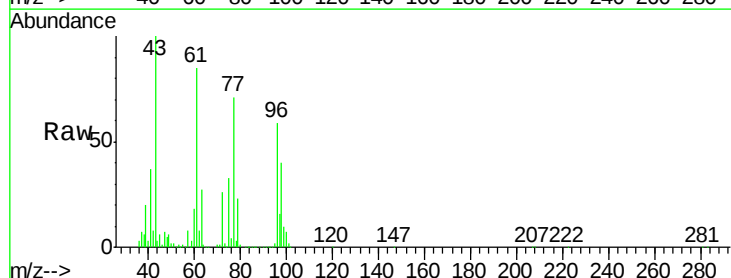
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

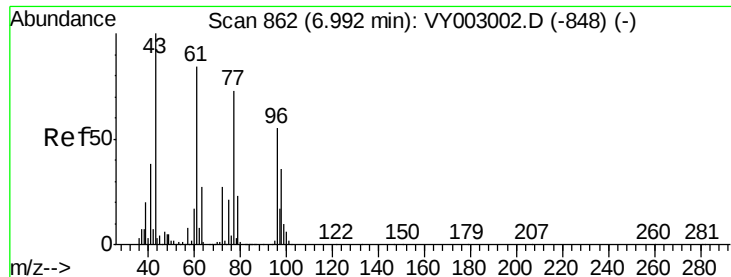
Tot Ion: 43 Resp: 534979
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 45.808 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion: 77 Resp: 428354
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9



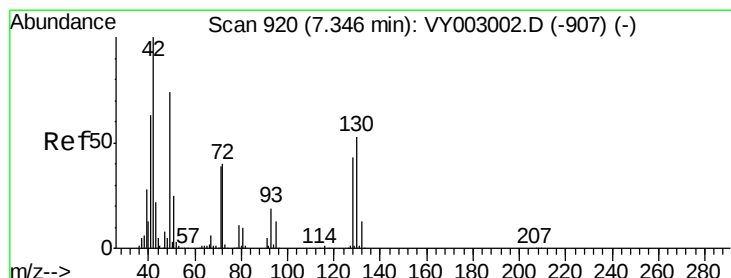
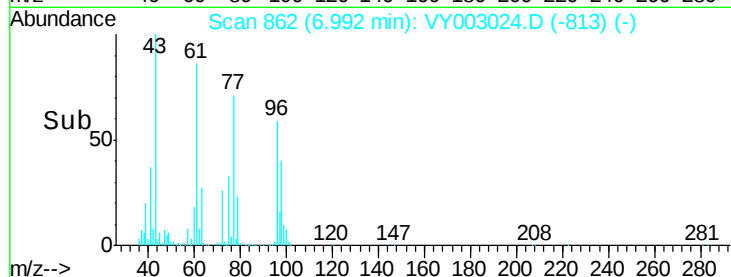
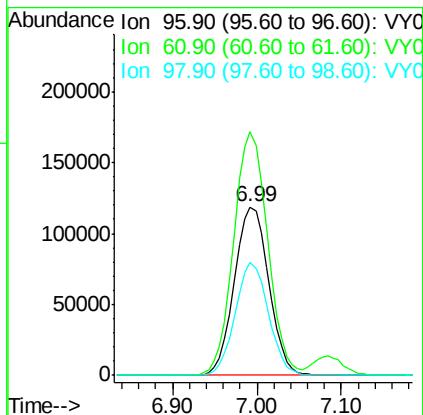
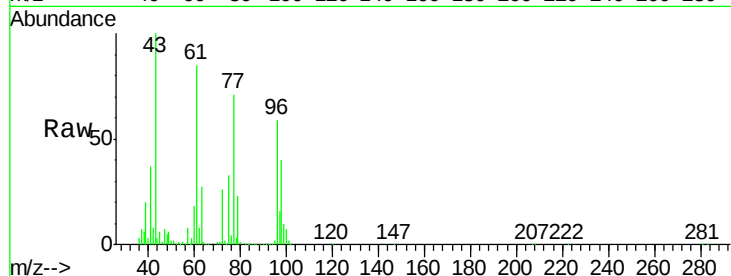


#27

cis-1,2-Dichloroethene
Concen: 51.196 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

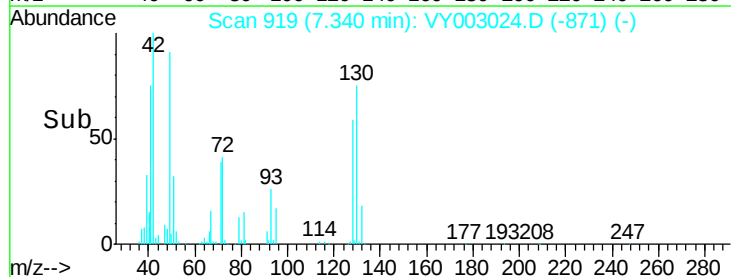
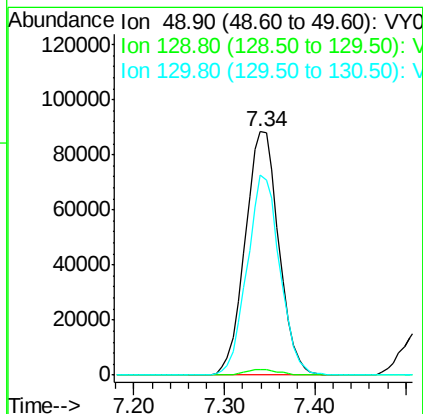
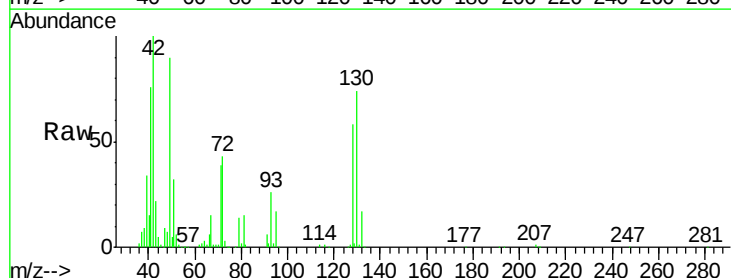
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	301.2
98	64.9	0.0	129.0

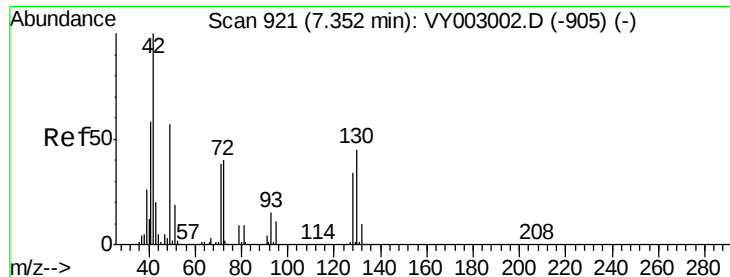


#28

Bromochloromethane
Concen: 49.653 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	79.9	57.0	85.6





#29

Tetrahydrofuran

Concen: 252.327 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

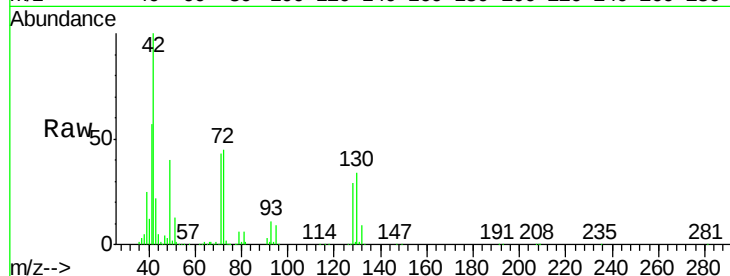
Tot Ion: 42 Resp: 362418

Ion Ratio Lower Upper

42 100

72 45.0 32.9 49.3

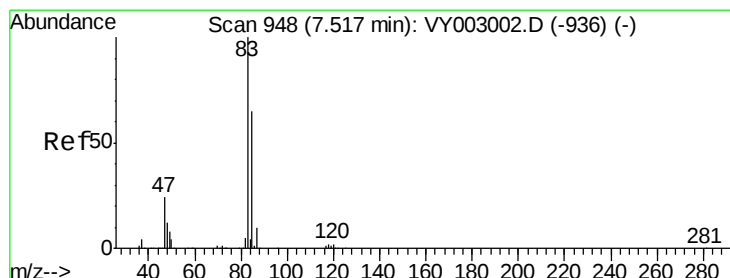
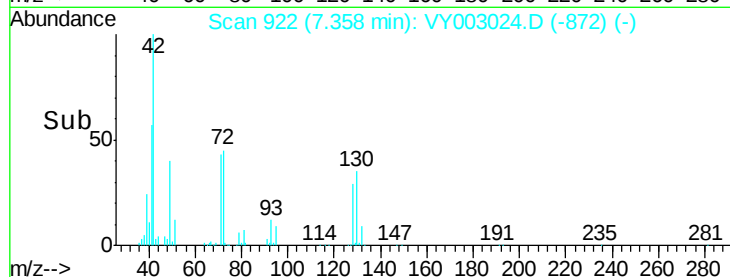
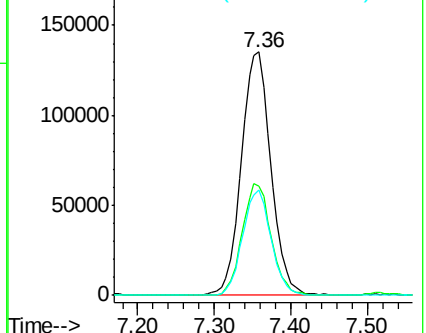
71 41.9 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 50.592 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003024.D

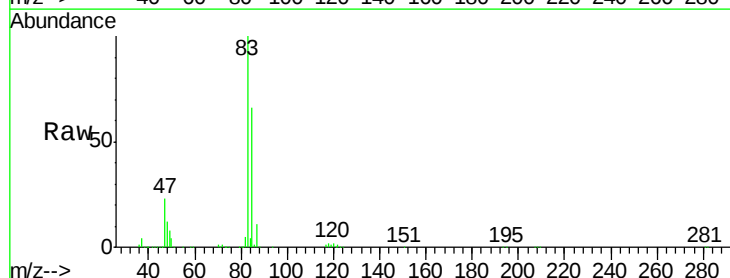
Acq: 29 Jun 2020 22:20

Tgt Ion: 83 Resp: 515859

Ion Ratio Lower Upper

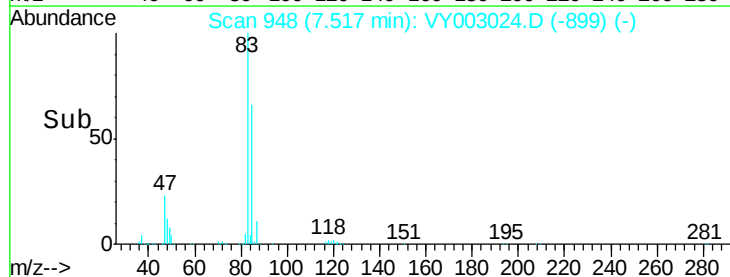
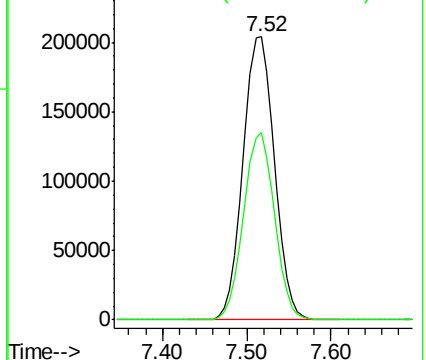
83 100

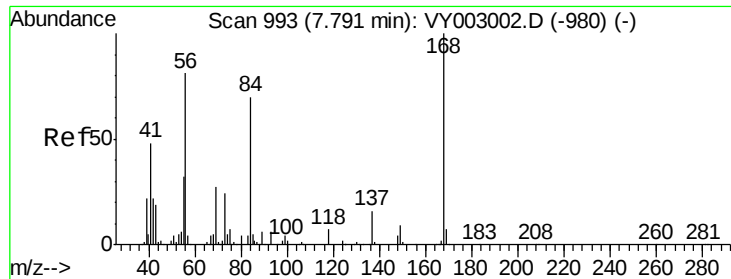
85 66.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

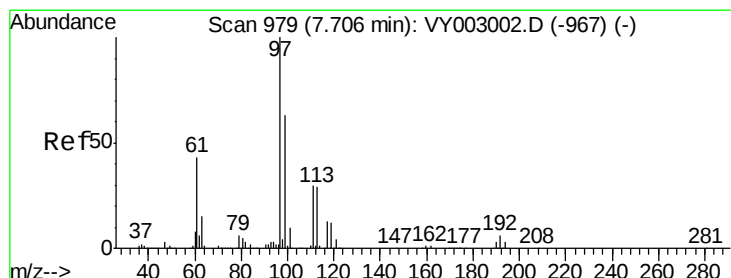
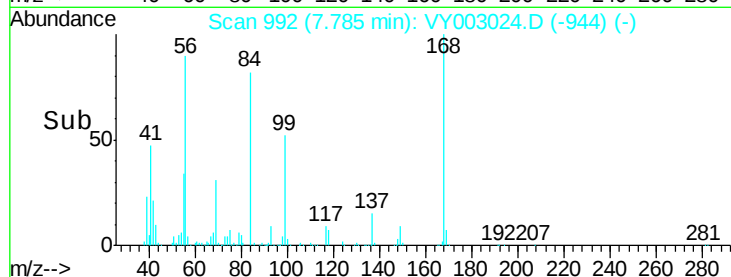
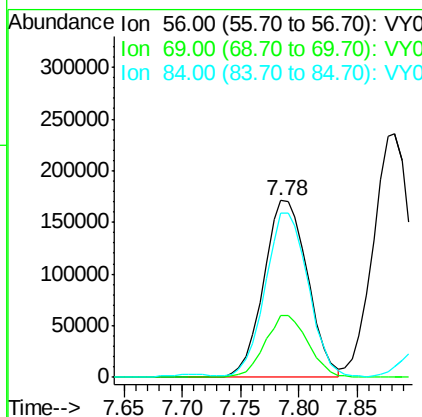
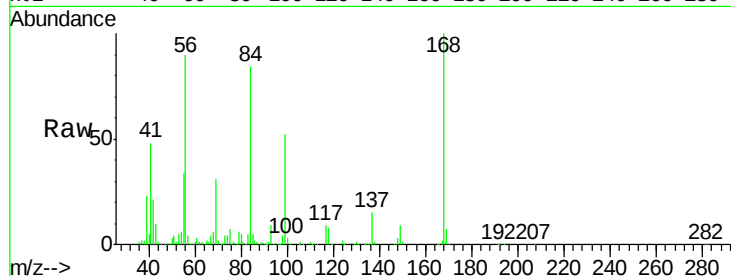




#31
Cyclohexane
Concen: 44.120 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

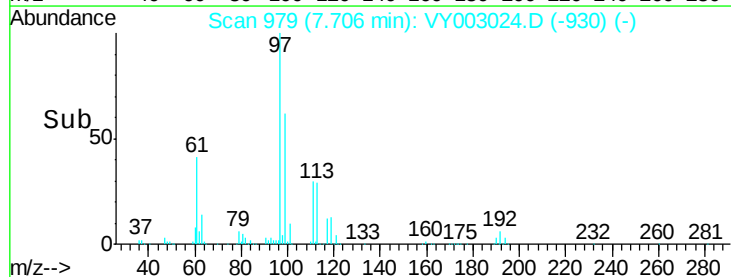
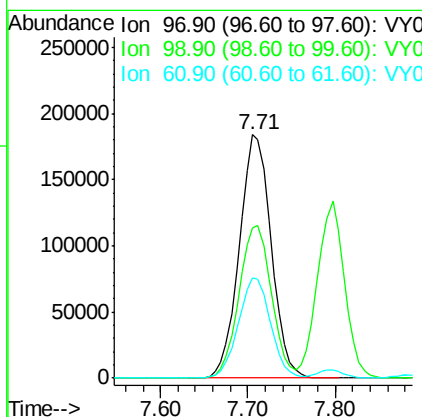
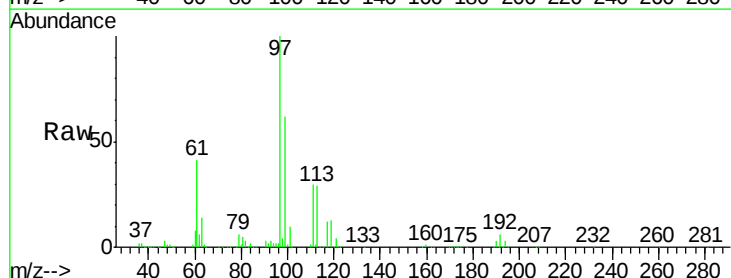
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

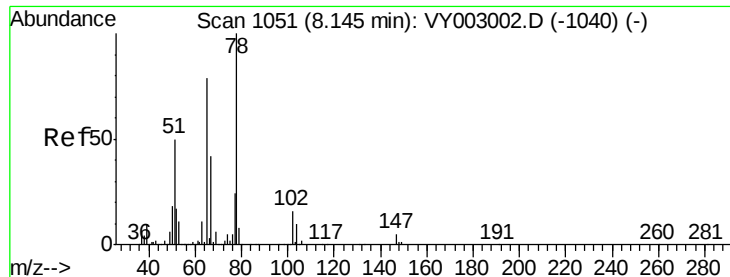
Tot Ion: 56 Resp: 447354
Ion Ratio Lower Upper
56 100
69 34.7 27.0 40.4
84 91.3 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 49.996 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion: 97 Resp: 465328
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 41.3 33.9 50.9

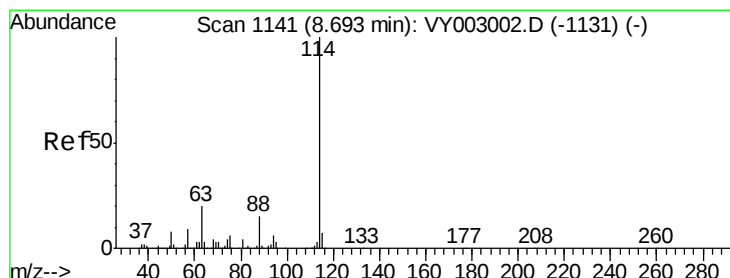
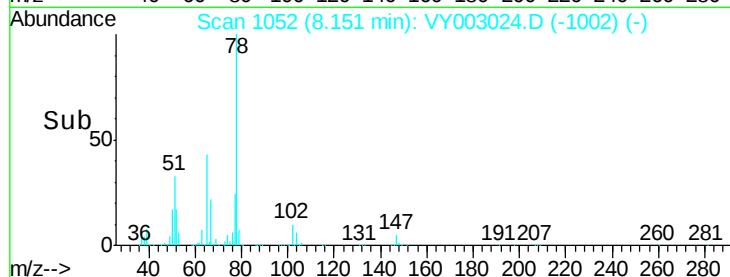
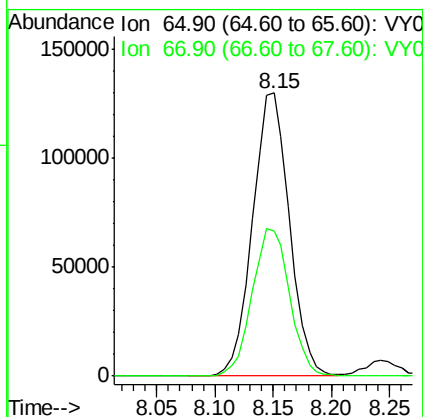
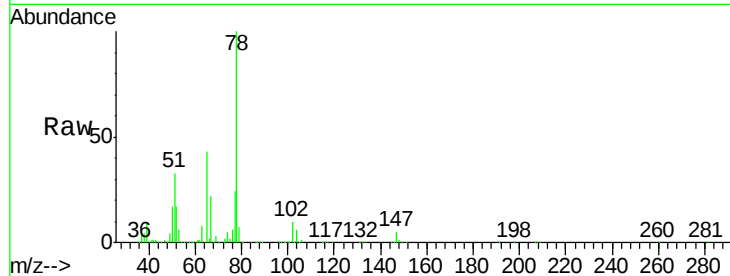




#33
 1,2-Dichloroethane-d4
 Concen: 49.684 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

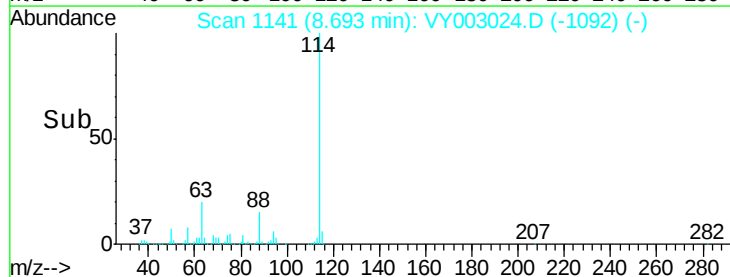
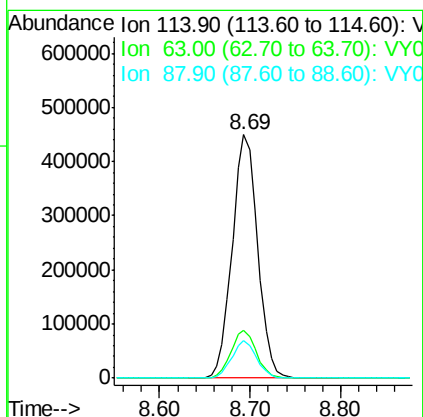
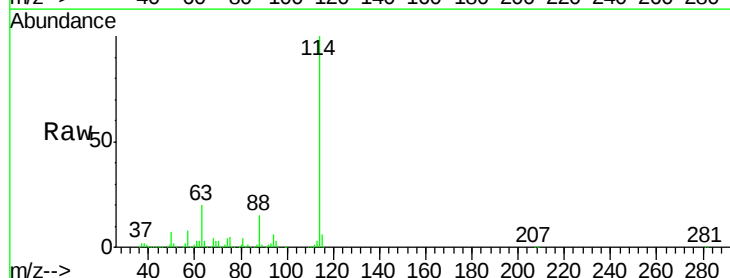
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

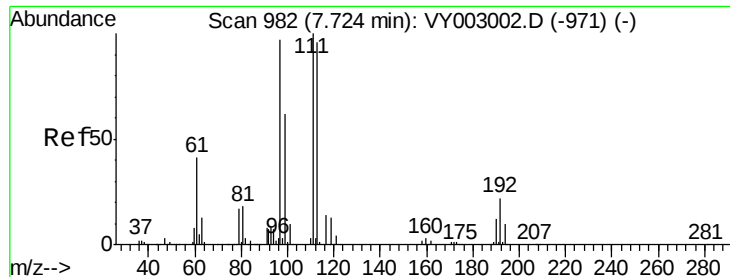
Tot Ion: 65 Resp: 286432
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion: 114 Resp: 872990
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 15.4 0.0 30.0

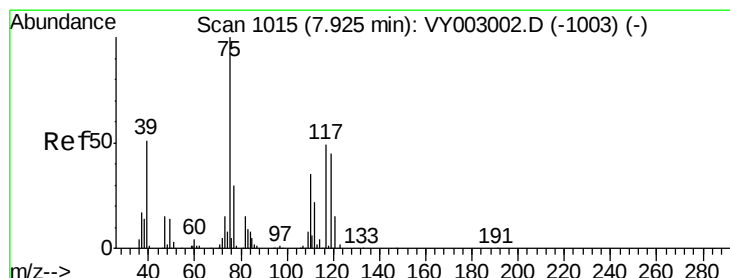
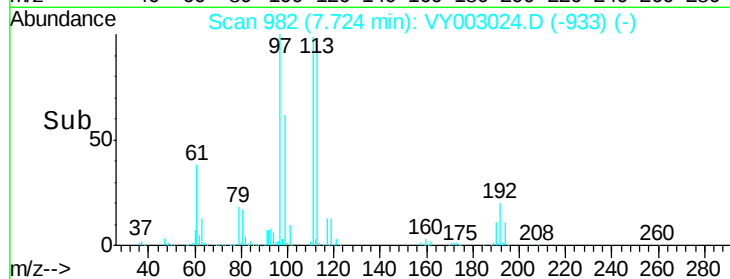
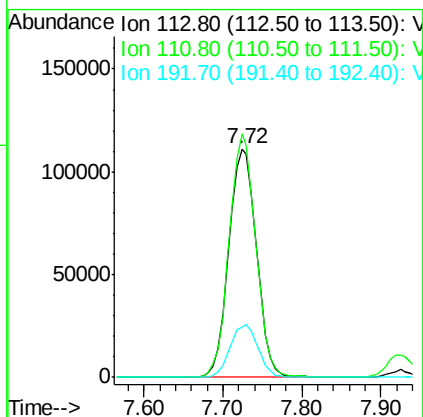
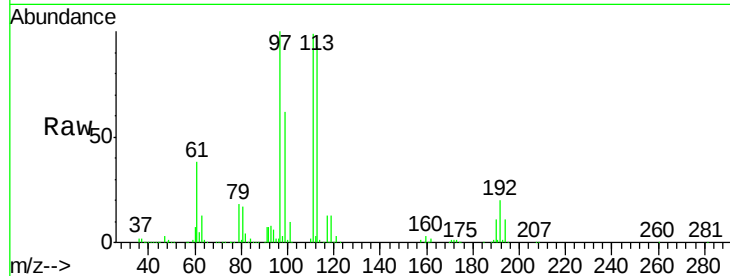




#35
 Dibromofluoromethane
 Concen: 50.003 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

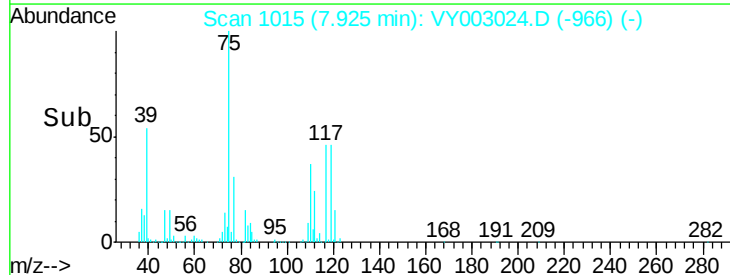
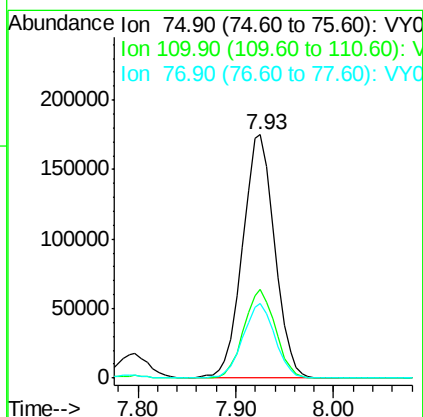
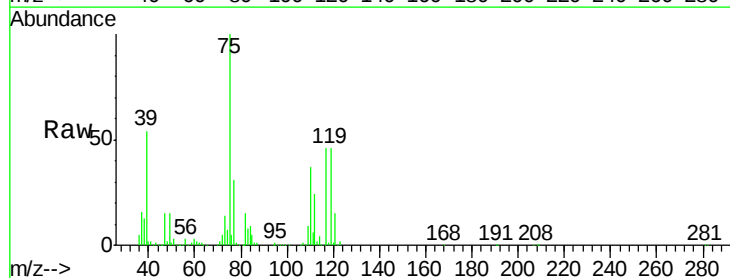
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

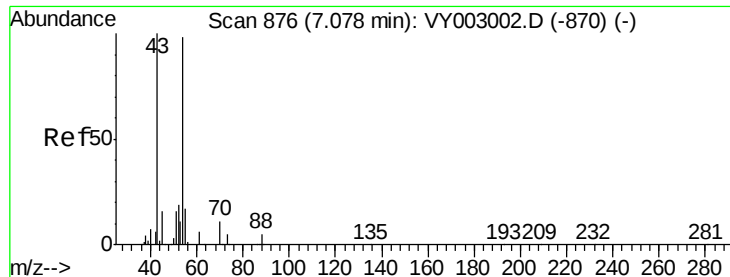
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	23.1	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 47.357 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.1	51.2
77	30.6	24.9	37.3

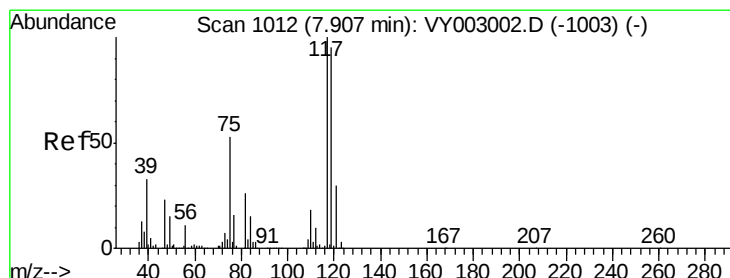
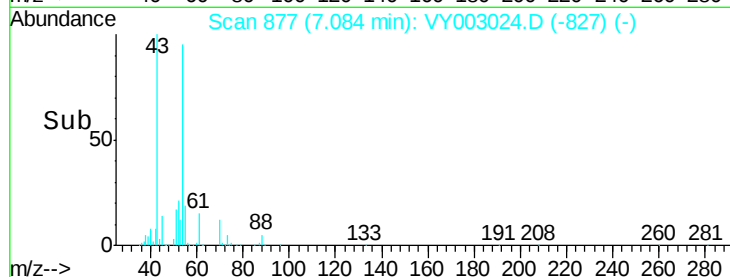
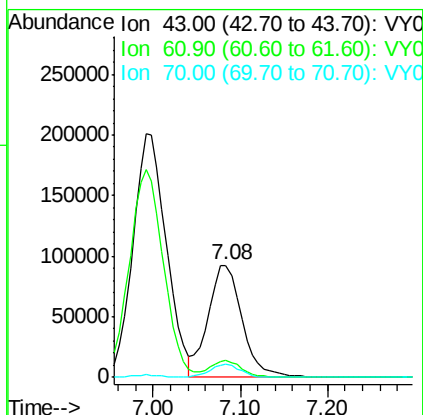
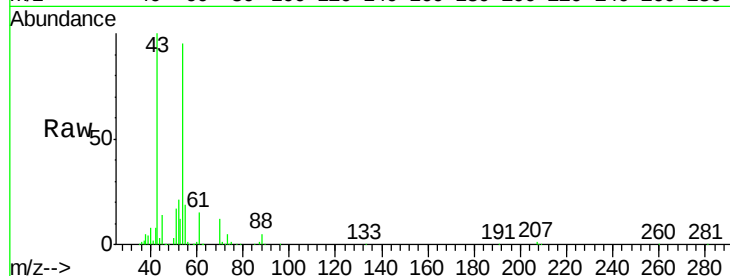




#37
Ethyl Acetate
Concen: 49.477 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

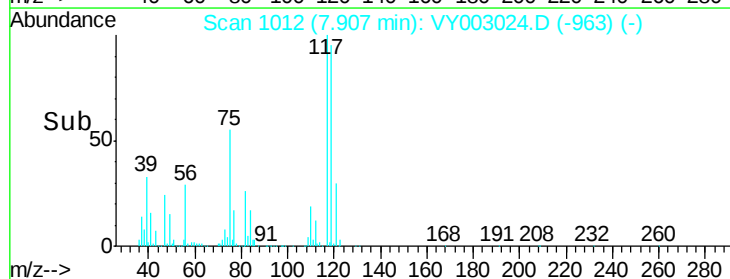
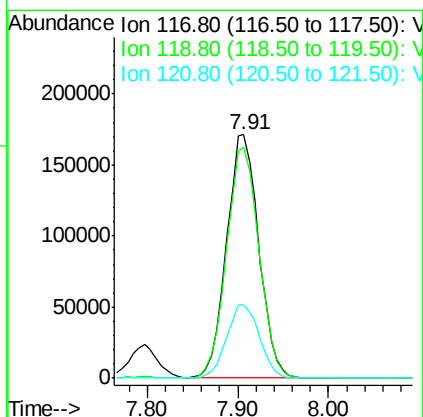
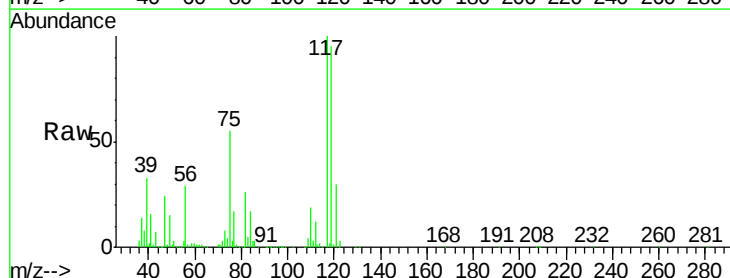
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

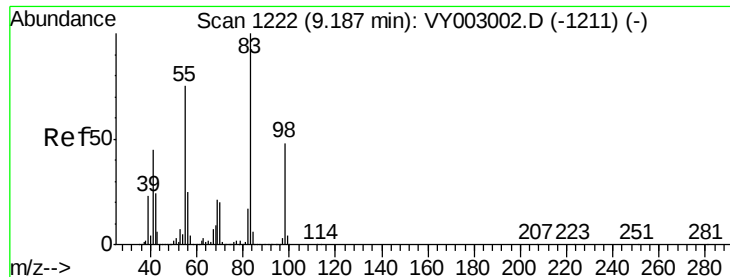
Tot Ion: 43 Resp: 250155
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 10.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.264 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion: 117 Resp: 422267
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5
121 30.1 23.9 35.9

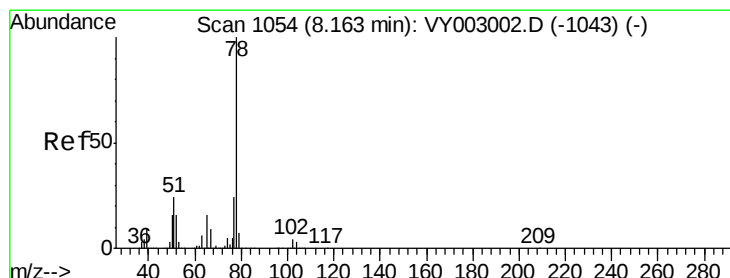
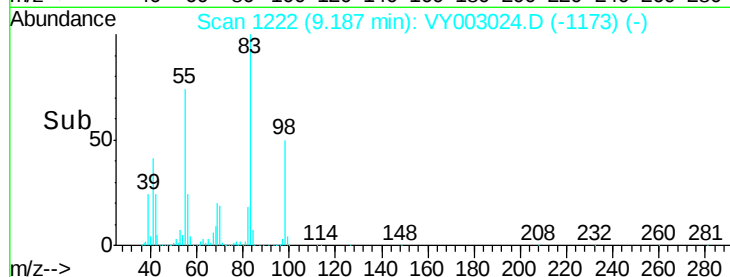
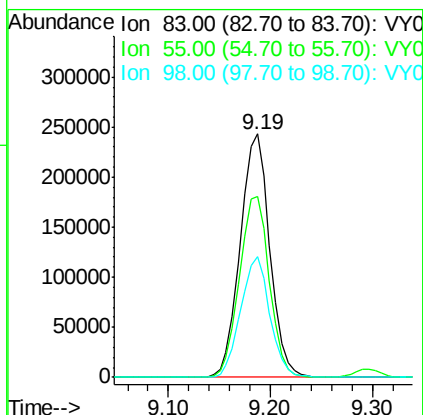
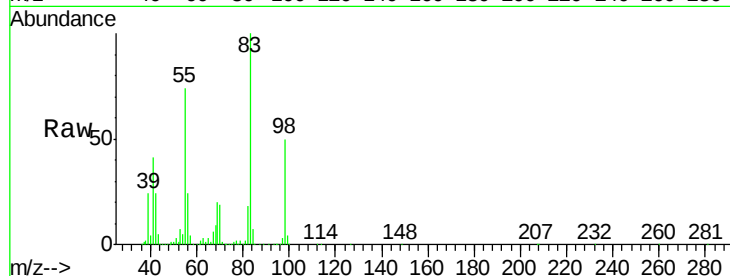




#39
Methvlcvclohexane
Concen: 46.878 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

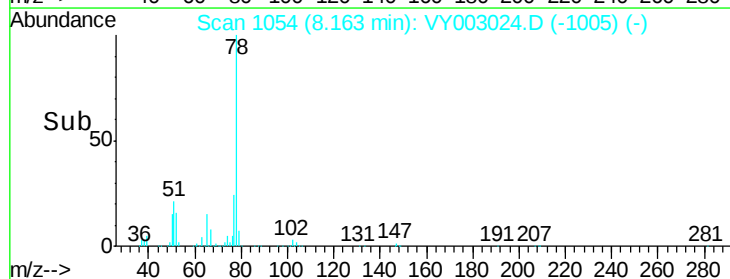
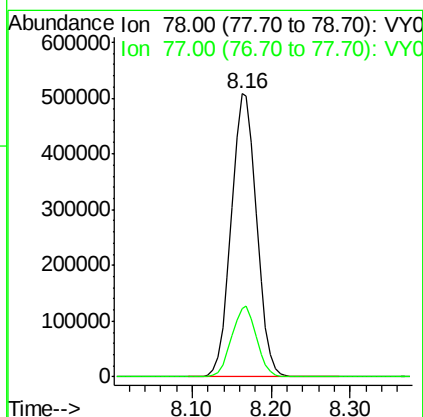
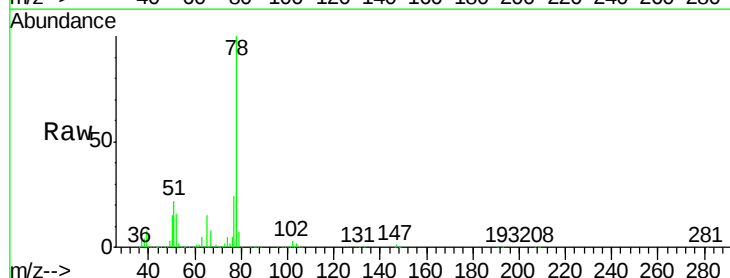
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

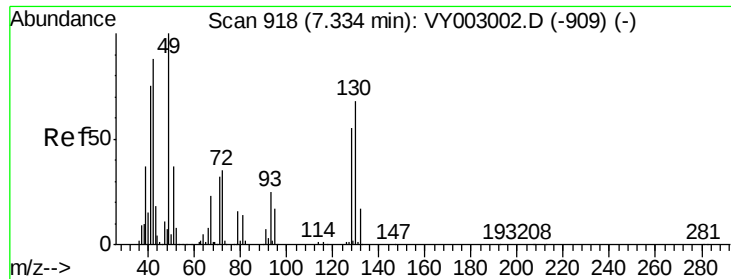
Tot Ion: 83 Resp: 488745
Ion Ratio Lower Upper
83 100
55 74.2 59.9 89.9
98 49.8 38.7 58.1



#40
Benzene
Concen: 49.266 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion: 78 Resp: 1134176
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

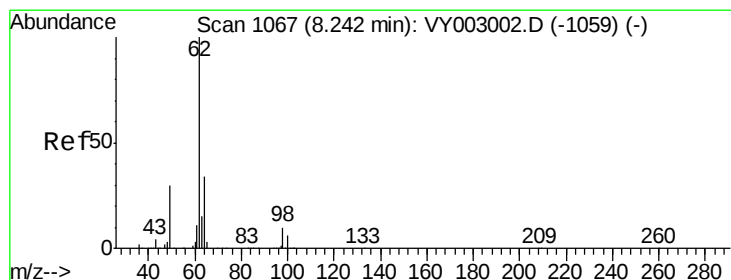
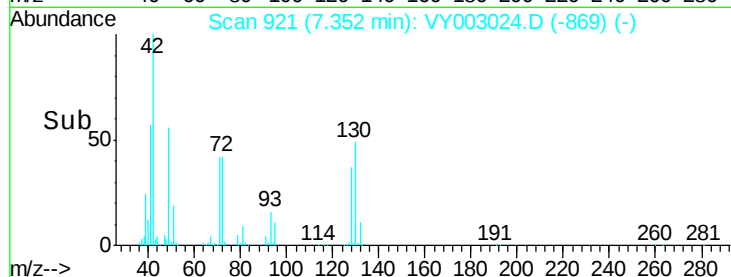
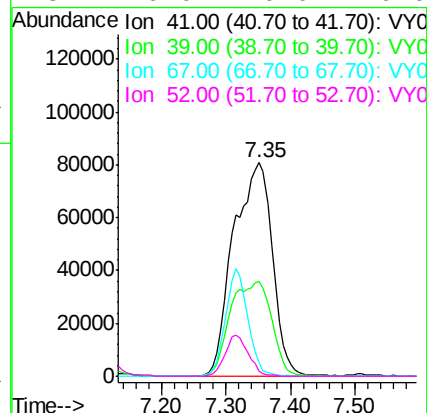
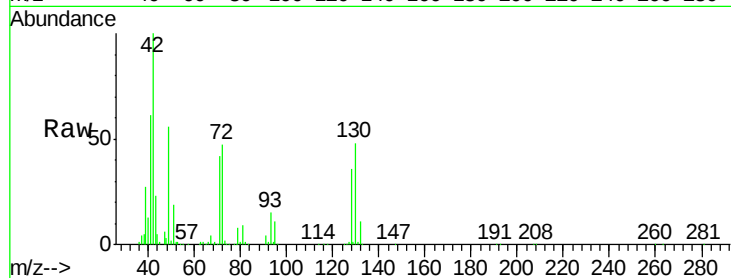




#41
Methacrylonitrile
Concen: 125.198 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

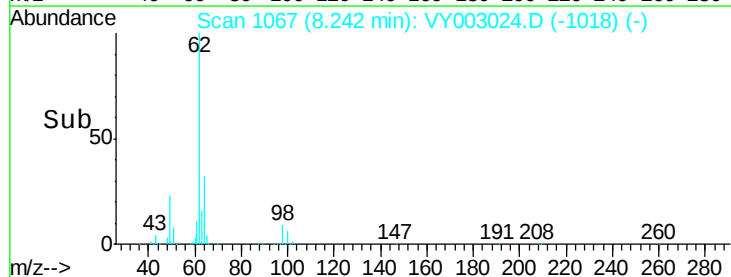
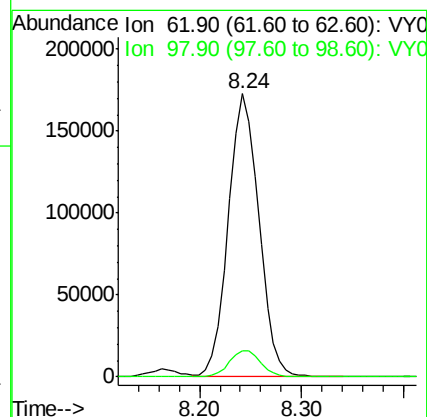
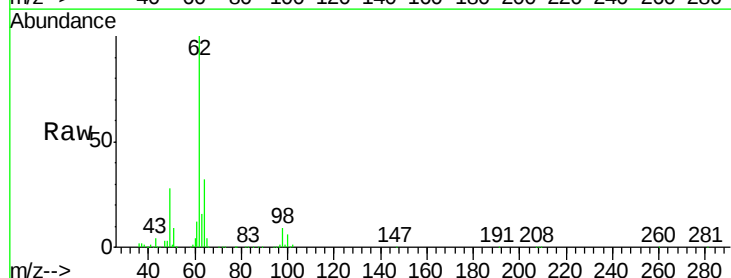
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

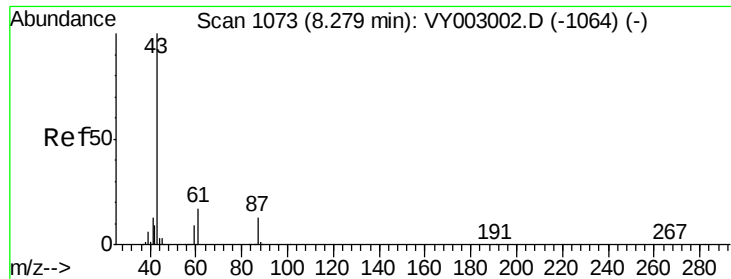
Tot Ion:	41	Resp:	338133
Ion	Ratio	Lower	Upper
41	100		
39	47.2	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.401 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion:	62	Resp:	359788
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 49.800 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

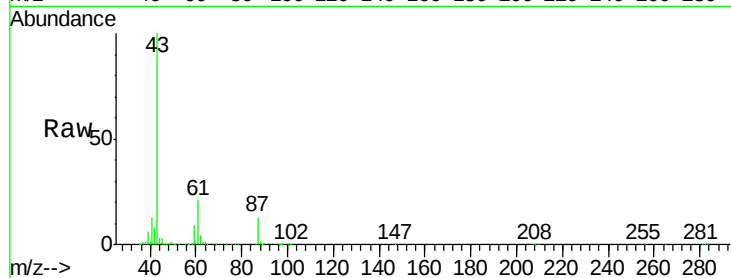
Tot Ion: 43 Resp: 478656

Ion Ratio Lower Upper

43 100

61 29.0 21.8 32.6

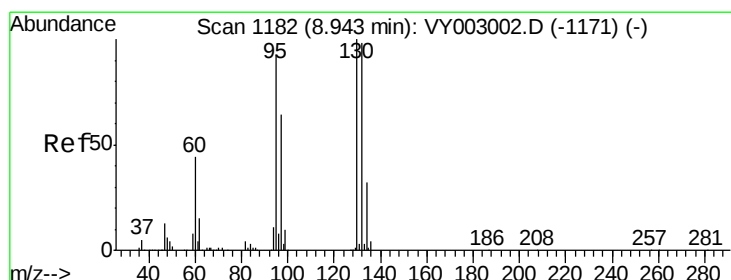
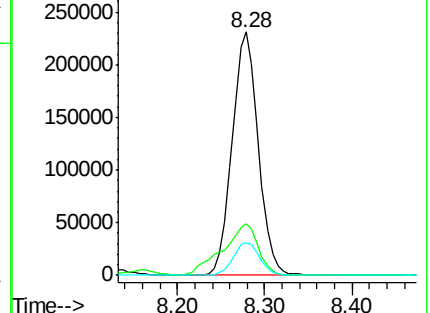
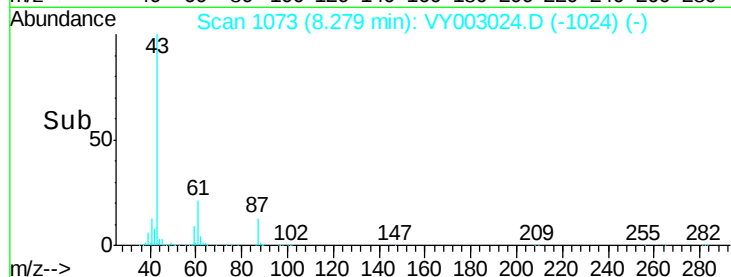
87 13.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003024.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003024.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003024.D (-1024) (-)



#44

Trichloroethene

Concen: 50.754 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003024.D

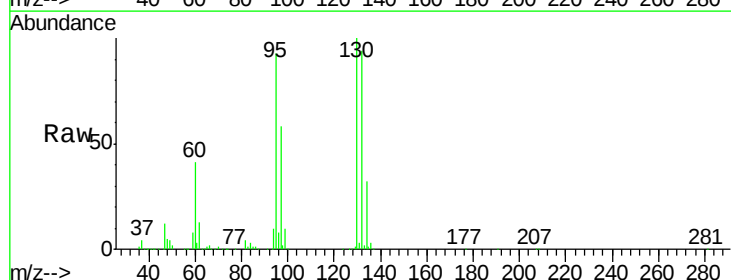
Acq: 29 Jun 2020 22:20

Tgt Ion: 130 Resp: 339612

Ion Ratio Lower Upper

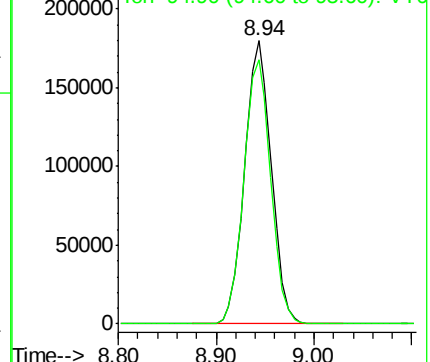
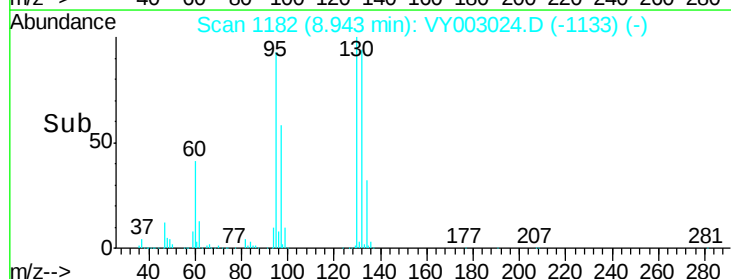
130 100

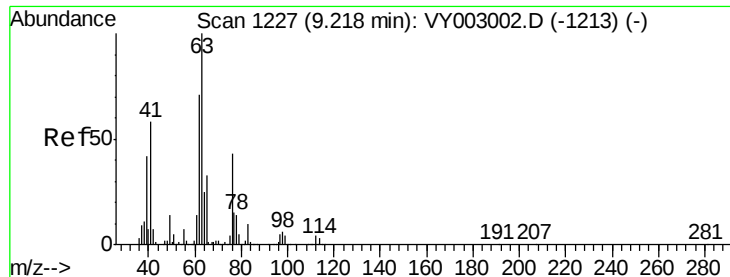
95 93.2 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003024.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003024.D (-1133) (-)

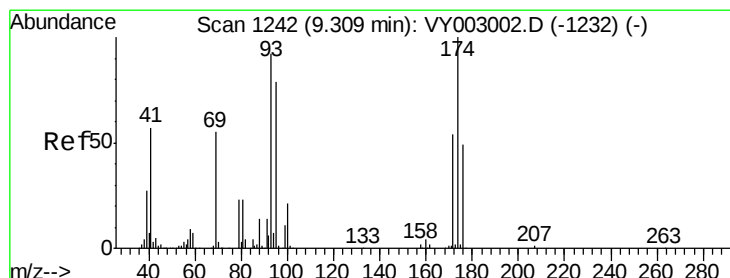
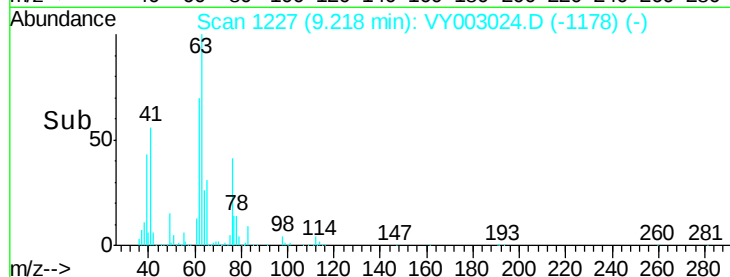
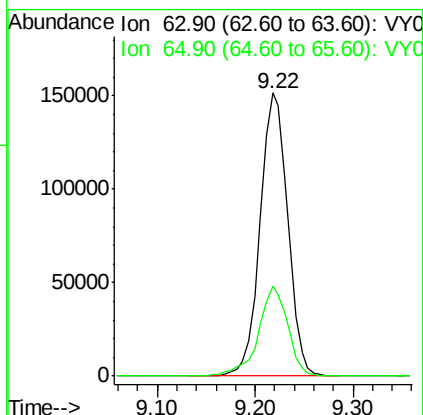
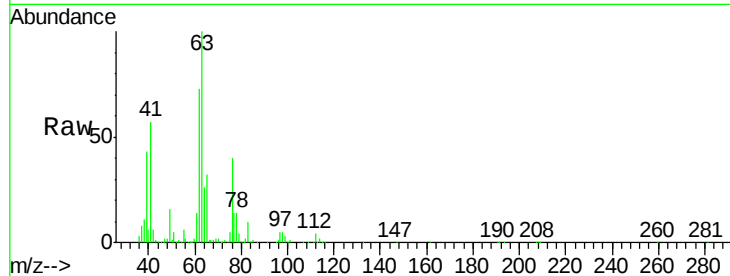




#45
 1,2-Dichloropropane
 Concen: 47.895 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

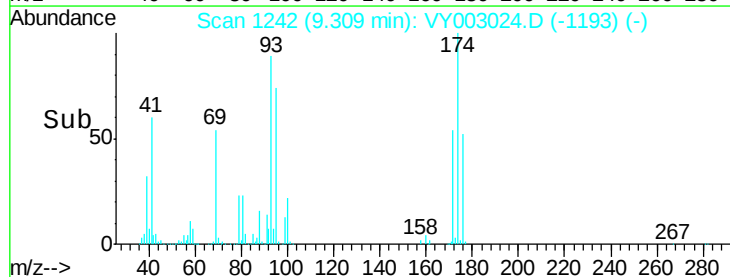
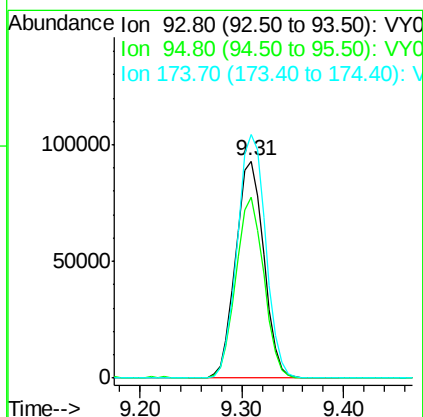
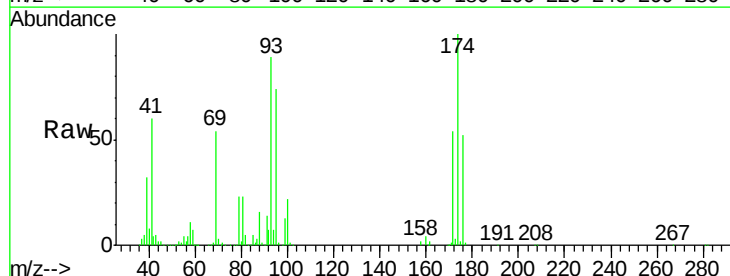
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

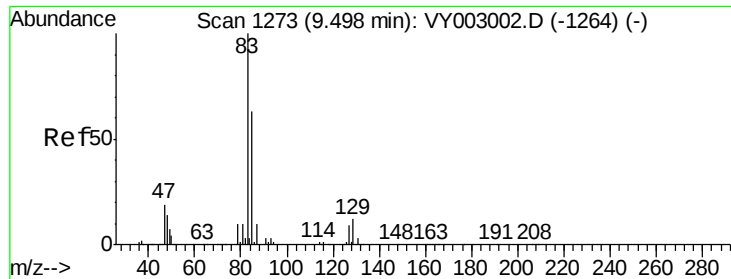
Tot Ion: 63 Resp: 296646
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.2 39.4



#46
 Dibromomethane
 Concen: 51.352 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion: 93 Resp: 177640
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.6 101.4
 174 113.4 88.3 132.5





#47

Bromodichloromethane

Concen: 50.623 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

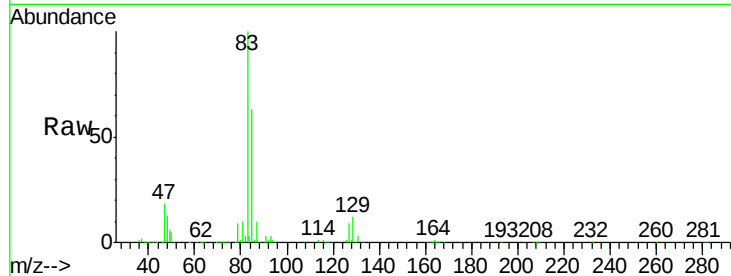
Tot Ion: 83 Resp: 428799

Ion Ratio Lower Upper

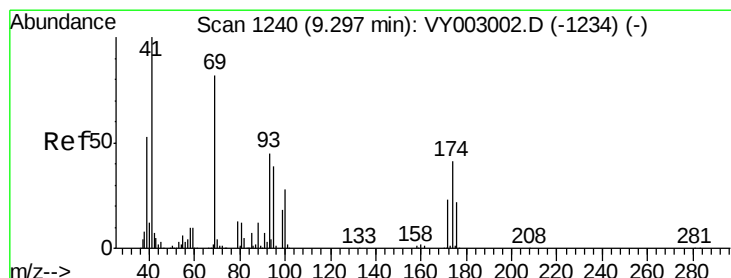
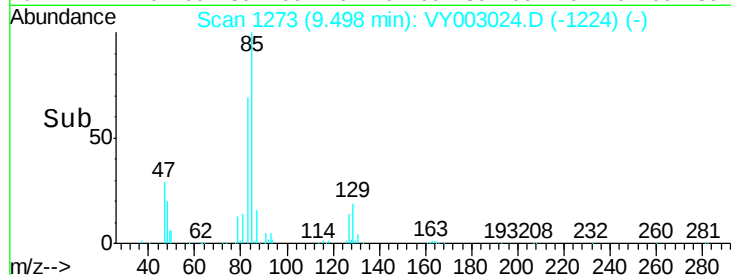
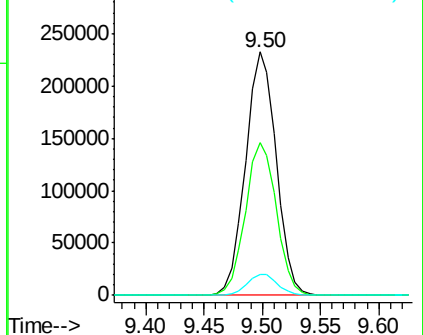
83 100

85 62.7 50.5 75.7

127 8.6 7.0 10.4



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



#48

Methyl methacrylate

Concen: 49.540 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

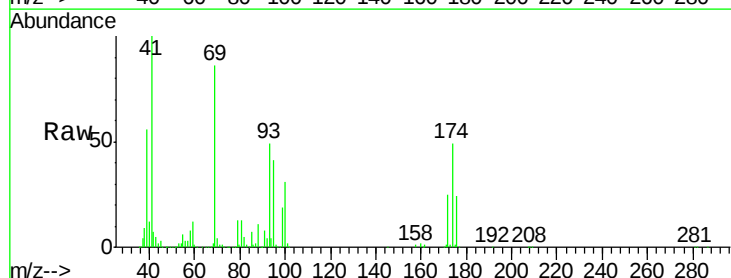
Tgt Ion: 41 Resp: 216733

Ion Ratio Lower Upper

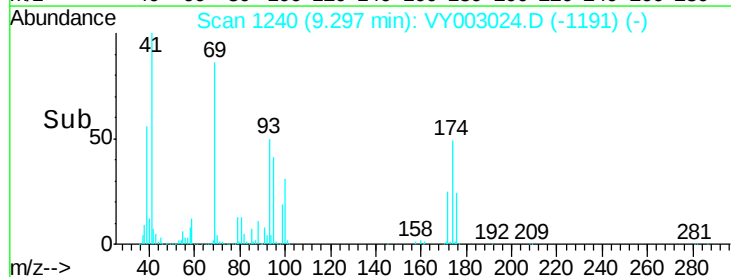
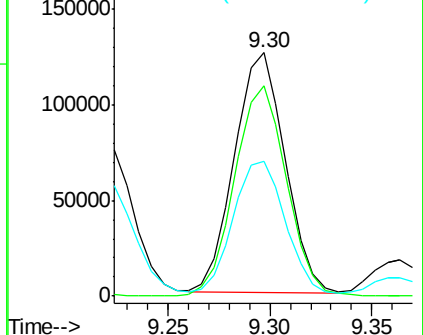
41 100

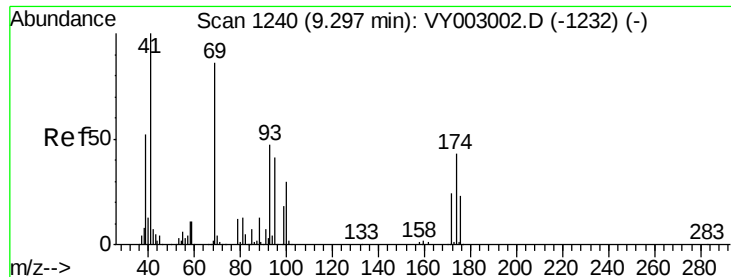
69 89.5 67.7 101.5

39 58.8 45.0 67.4



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: 1162.122 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

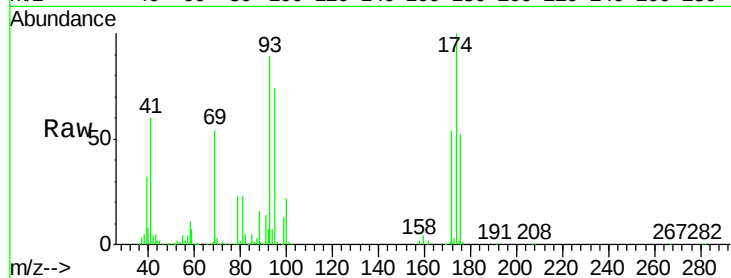
Tot Ion: 88 Resp: 49073

Ion Ratio Lower Upper

88 100

43 27.3 28.6 42.8#

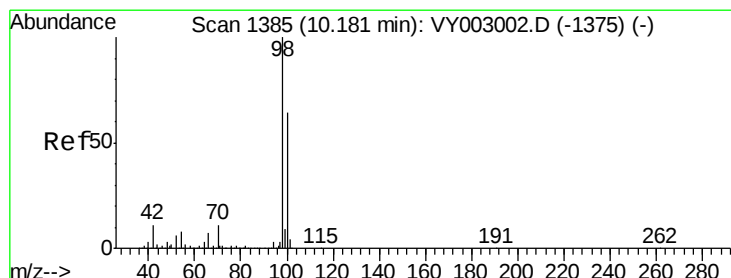
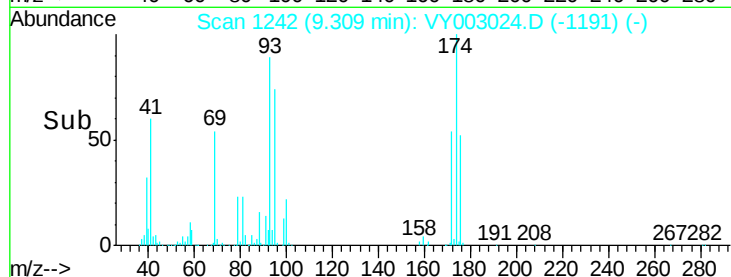
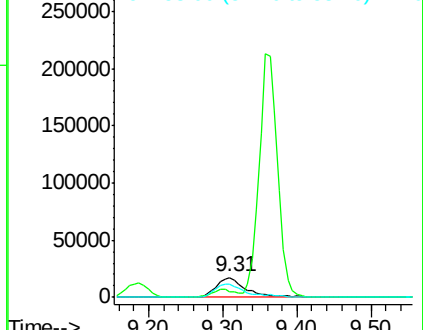
58 70.1 56.7 85.1



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: 48.331 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003024.D

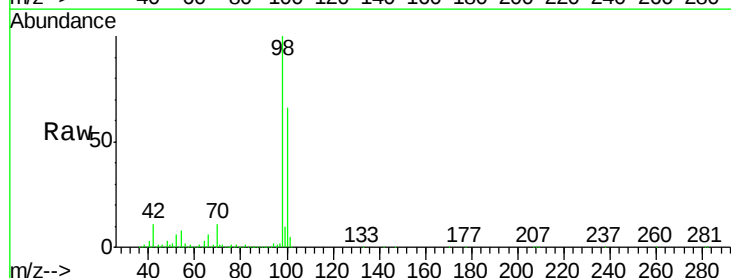
Acq: 29 Jun 2020 22:20

Tgt Ion: 98 Resp: 980543

Ion Ratio Lower Upper

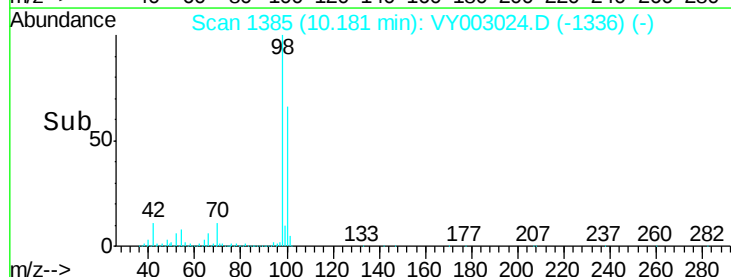
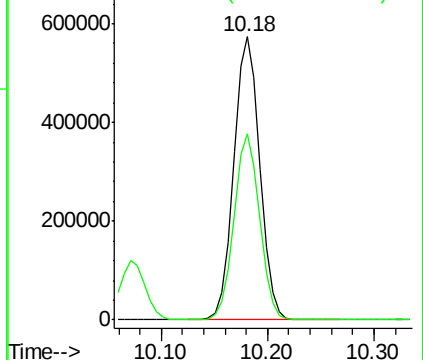
98 100

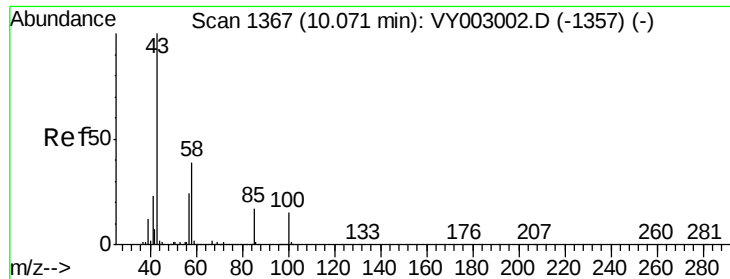
100 64.9 51.1 76.7



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: 251.183 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

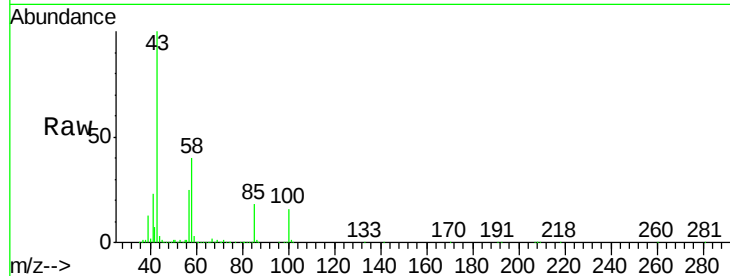
VSTDCCC050EC

Tot Ion: 43 Resp: 1247832

Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

800000

600000

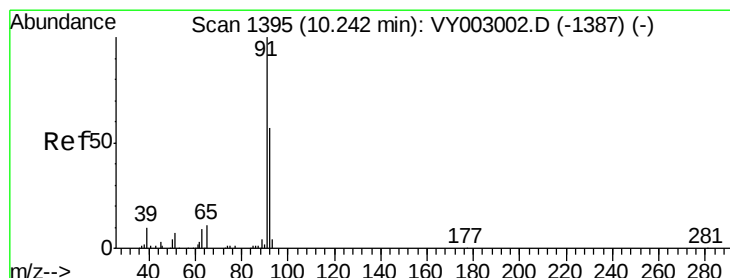
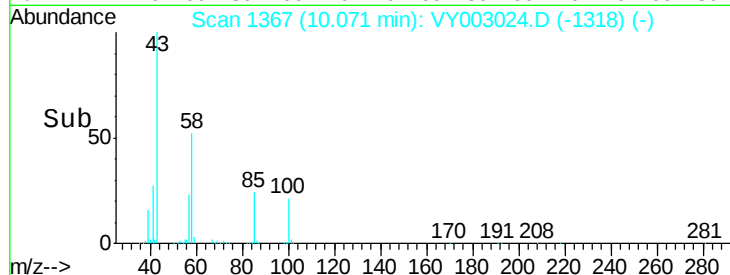
400000

200000

0

10.07

Time-->



#52

Toluene

Concen: 48.944 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003024.D

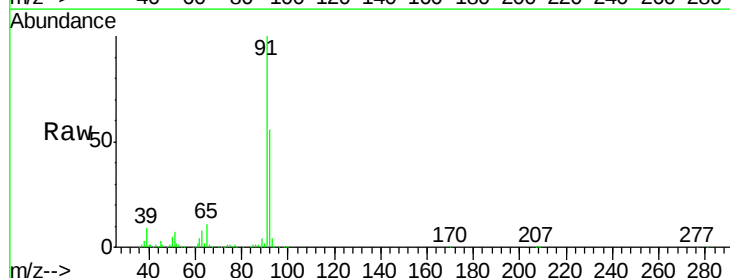
Acq: 29 Jun 2020 22:20

Tgt Ion: 92 Resp: 709303

Ion Ratio Lower Upper

92 100

91 176.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

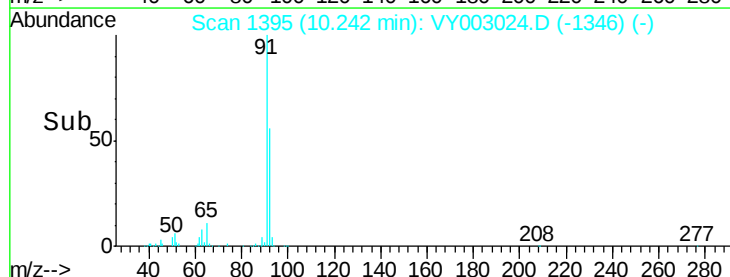
400000

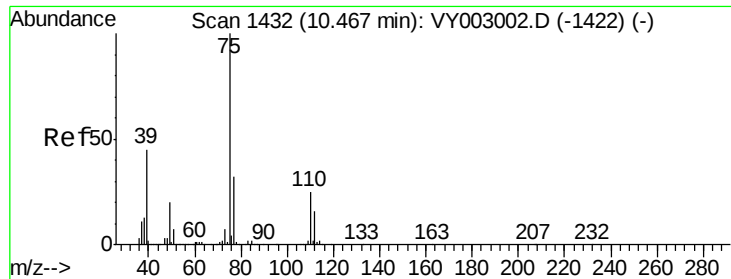
200000

0

10.24

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.963 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

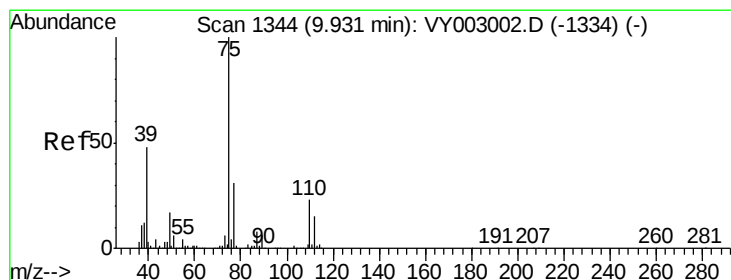
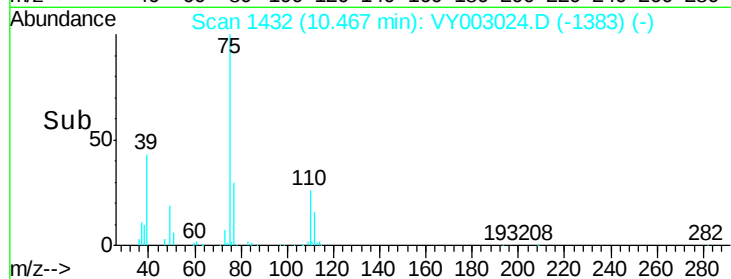
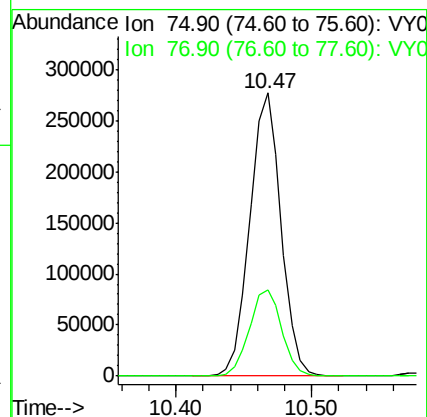
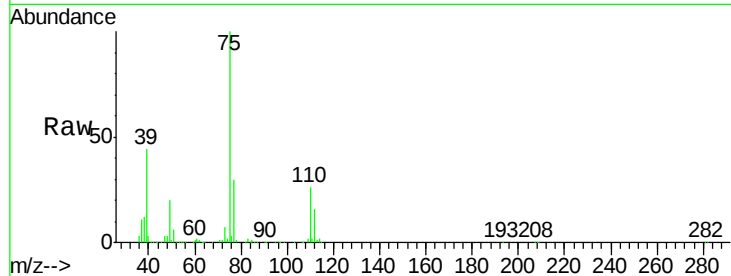
VSTDCCC050EC

Tot Ion: 75 Resp: 443702

Ion Ratio Lower Upper

75 100

77 30.3 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 48.975 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

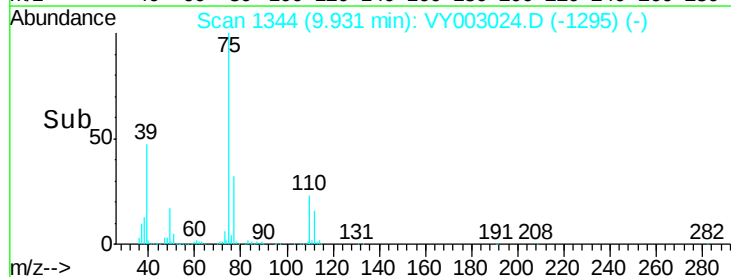
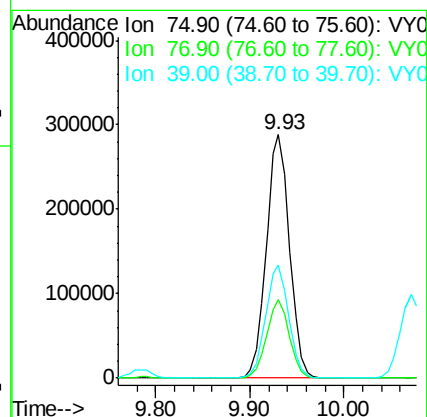
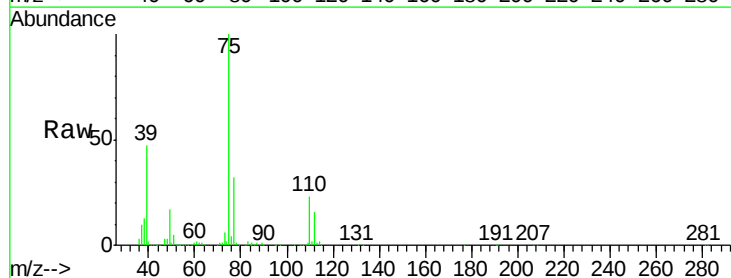
Tgt Ion: 75 Resp: 497414

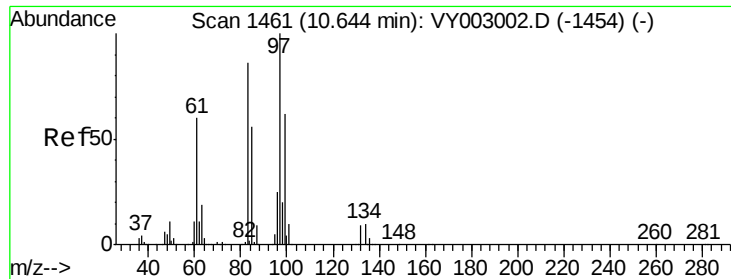
Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

39 46.6 38.3 57.5

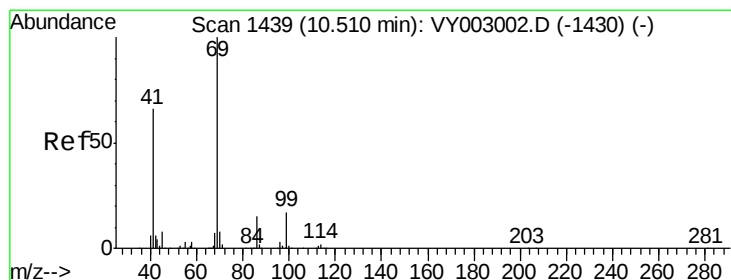
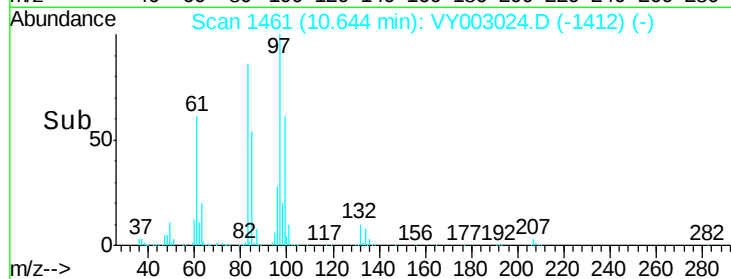
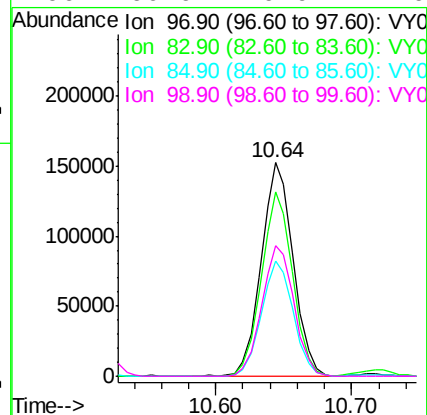
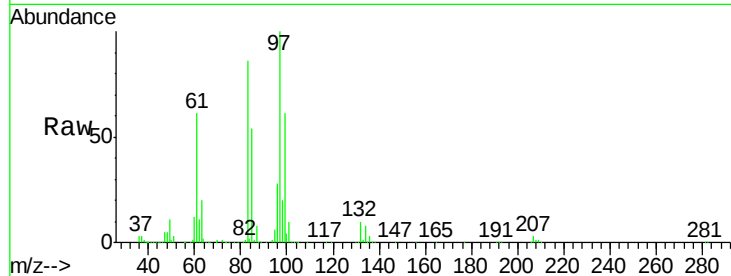




#55
 1,1,2-Trichloroethane
 Concen: 52.066 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

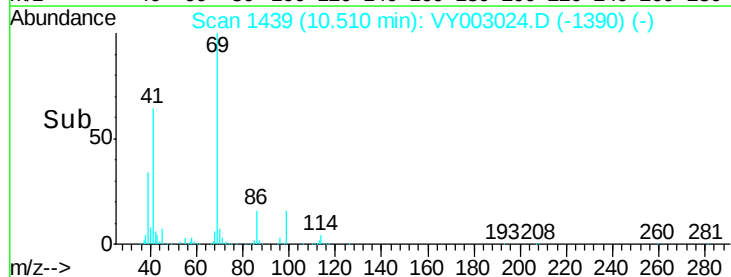
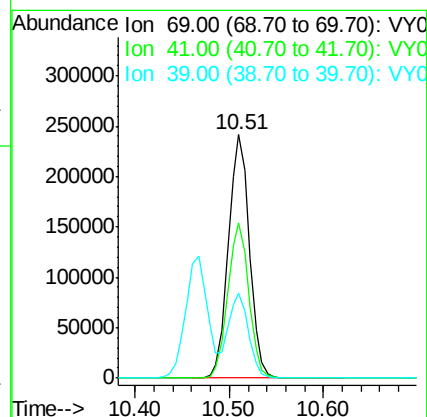
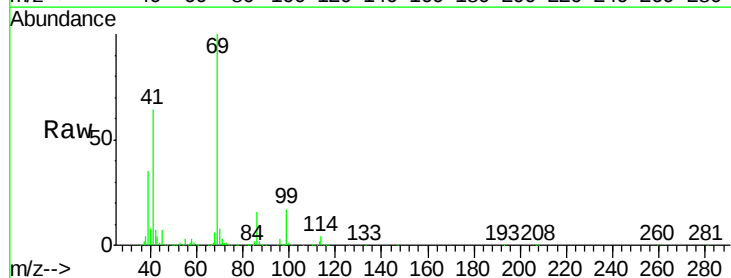
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

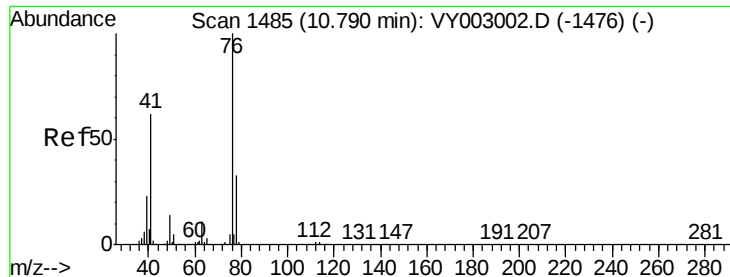
Tot Ion:	97	Resp:	250278
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.6
85	54.0	44.8	67.2
99	60.9	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 53.606 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion:	69	Resp:	373008
Ion	Ratio	Lower	Upper
69	100		
41	63.4	53.7	80.5
39	34.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.164 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

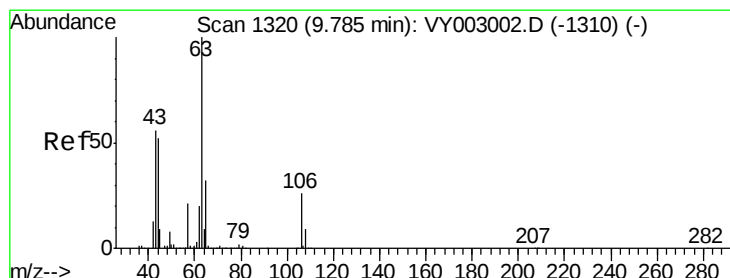
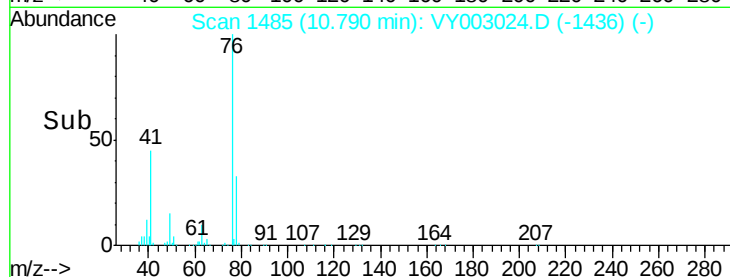
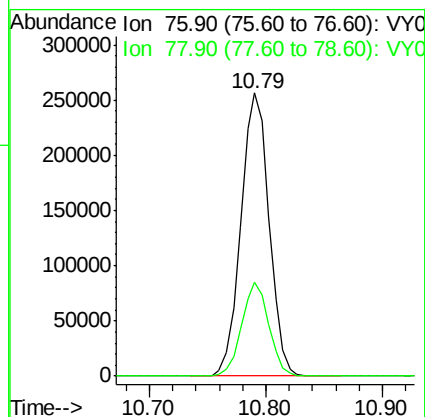
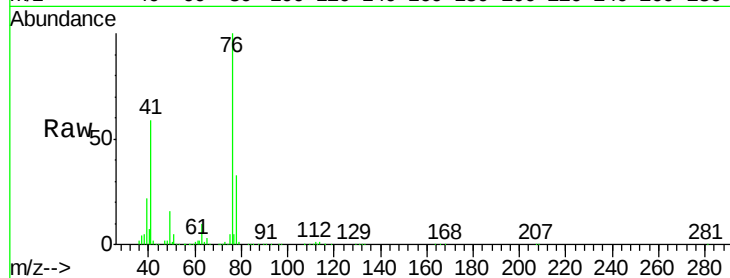
VSTDCCC050EC

Tot Ion: 76 Resp: 431759

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 248.023 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003024.D

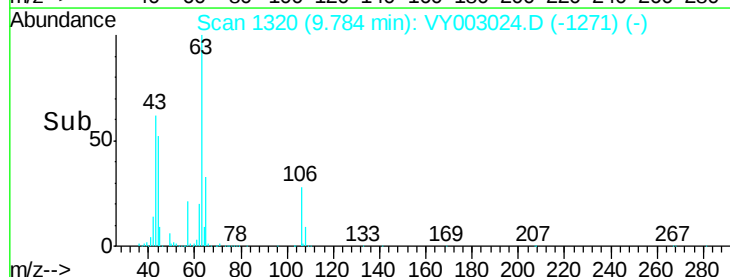
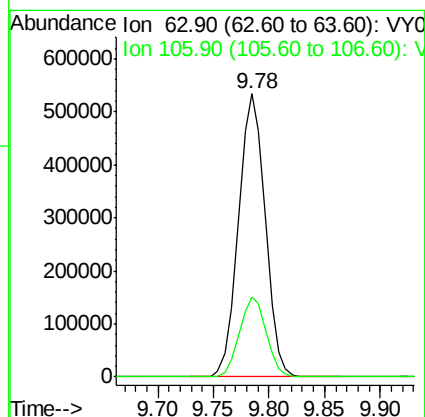
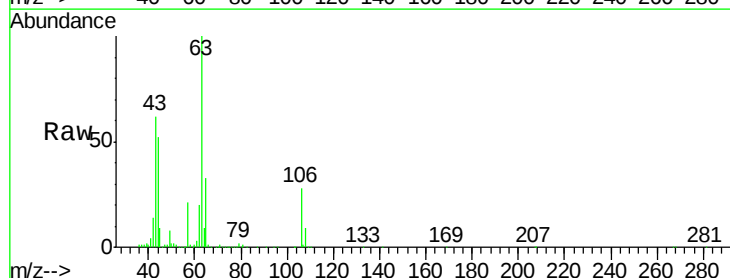
Acq: 29 Jun 2020 22:20

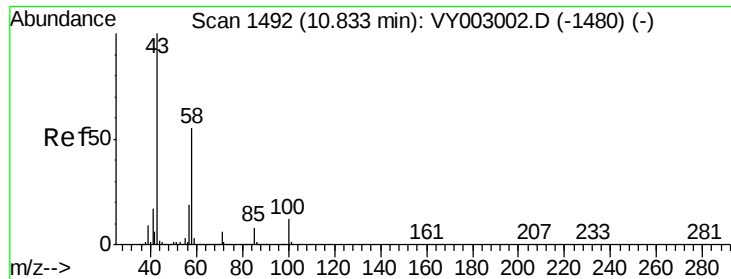
Tgt Ion: 63 Resp: 885124

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3

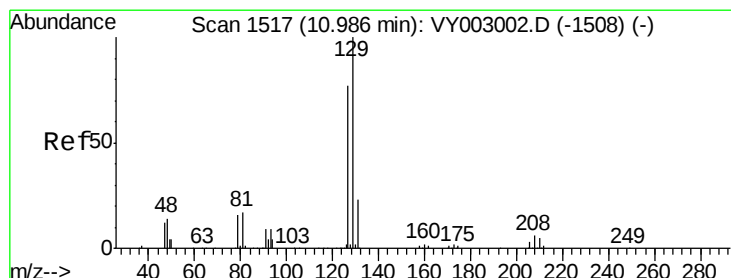
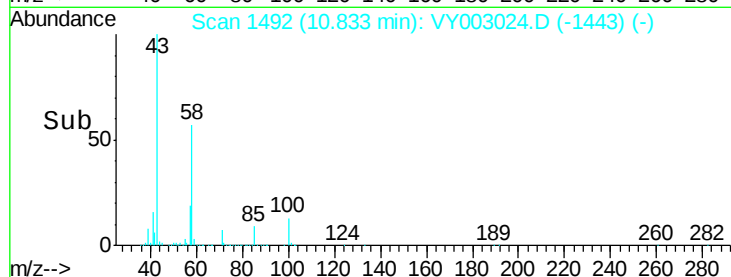
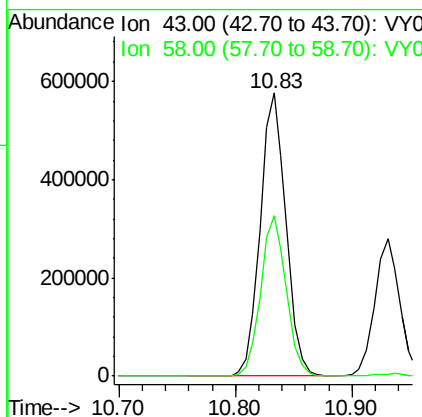
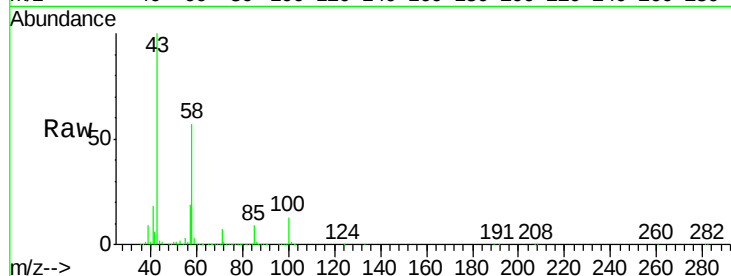




#59
2-Hexanone
Concen: 255.052 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

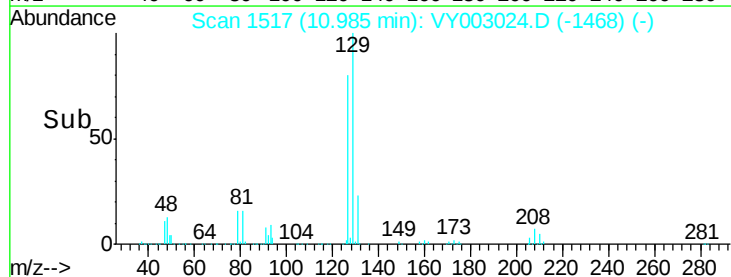
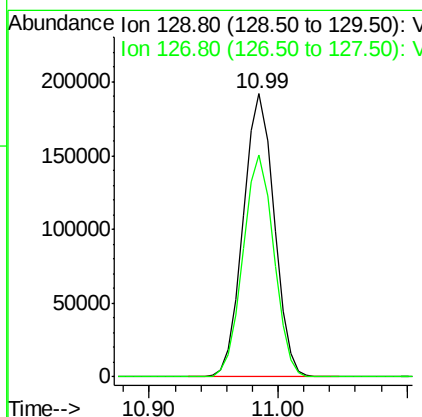
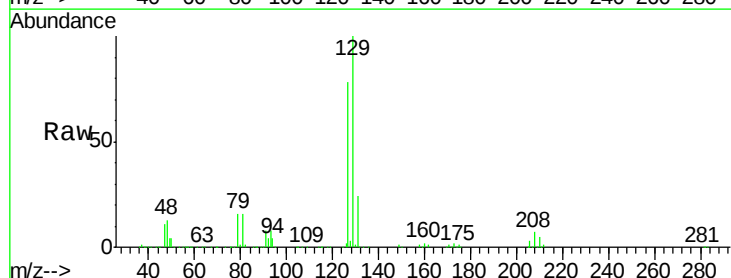
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

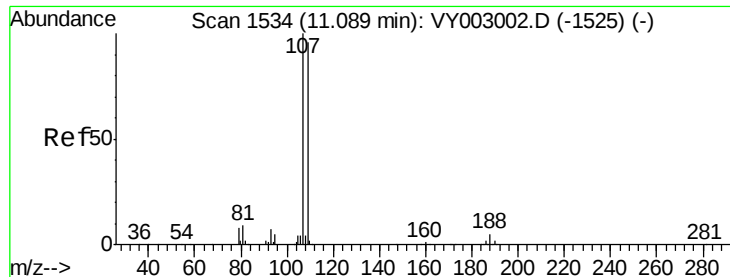
Tot Ion: 43 Resp: 885623
Ion Ratio Lower Upper
43 100
58 56.2 27.5 82.4



#60
Dibromochloromethane
Concen: 51.744 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion: 129 Resp: 318311
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3





#61

1,2-Dibromoethane

Concen: 52.403 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

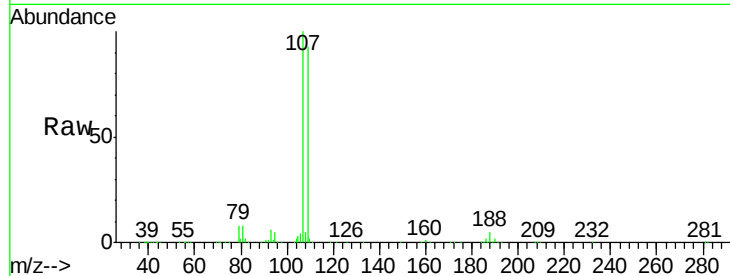
VSTDCCC050EC

Tot Ion: 107 Resp: 248338

Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

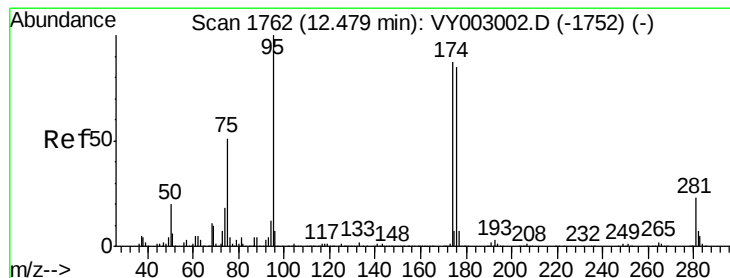
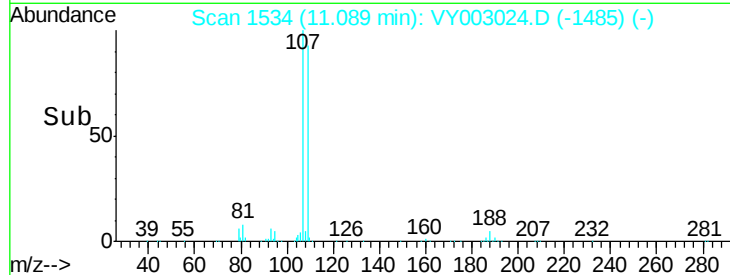
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.847 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

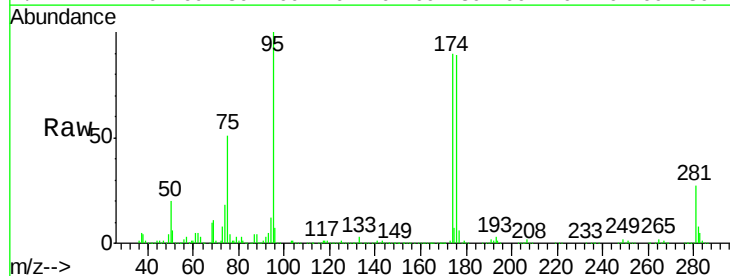
Tgt Ion: 95 Resp: 355984

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.8

176 91.2 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

300000

250000

200000

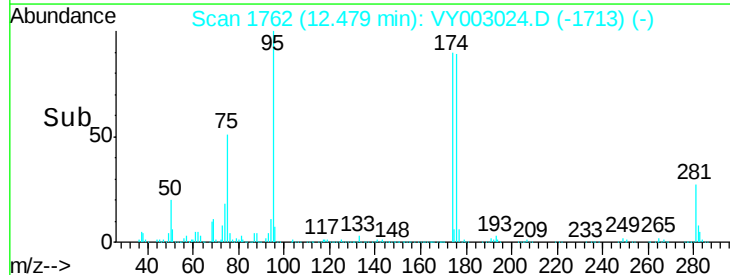
150000

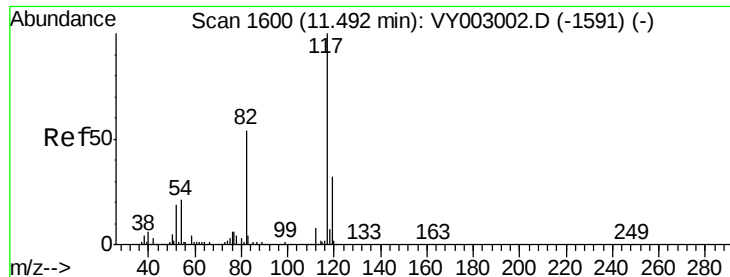
100000

50000

0

Time-->

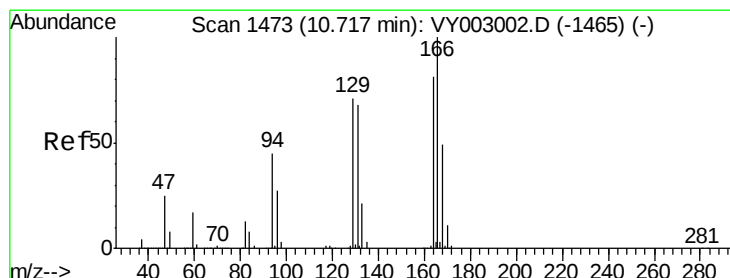
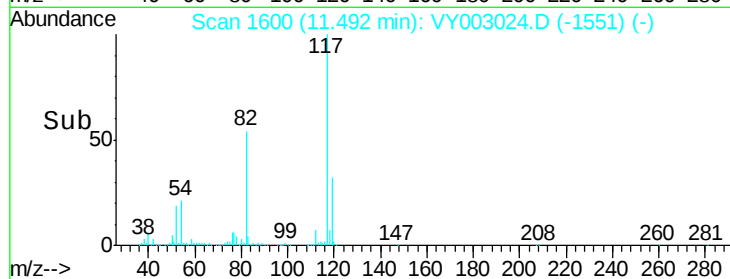
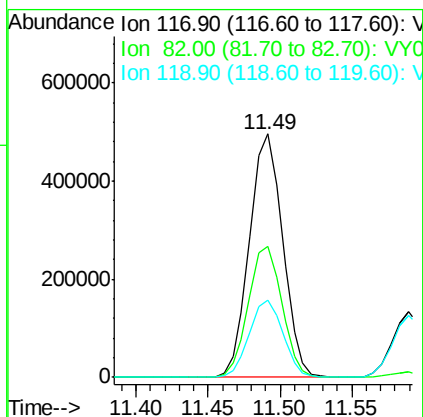
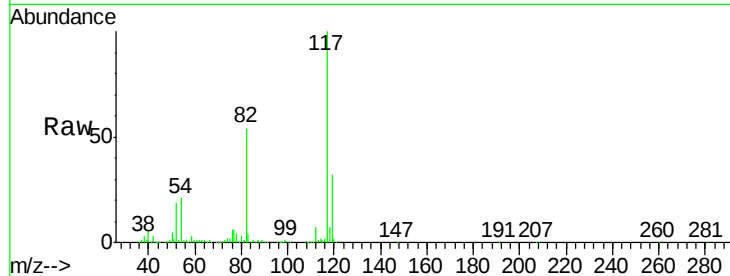




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

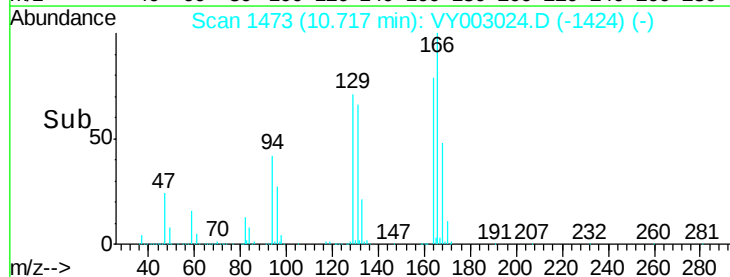
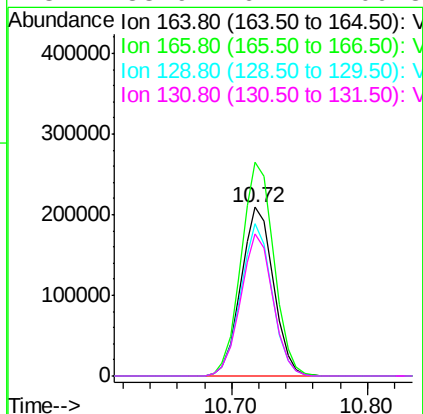
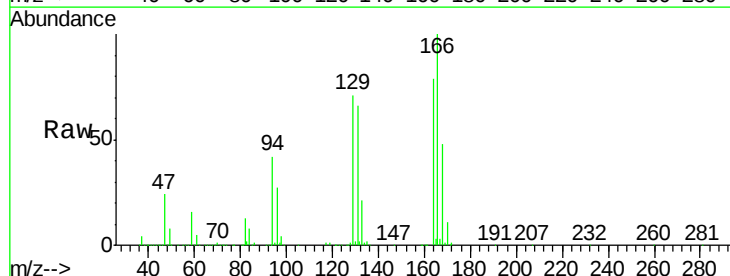
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 795021
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.6
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 51.882 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion:164 Resp: 349095
Ion Ratio Lower Upper
164 100
166 126.7 98.5 147.7
129 90.1 69.7 104.5
131 83.9 67.2 100.8

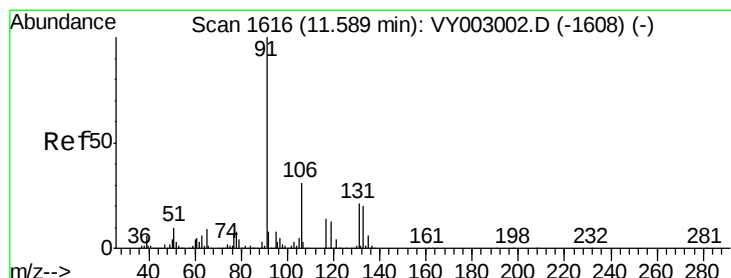
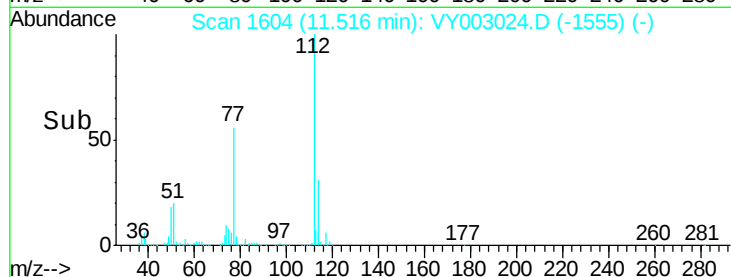
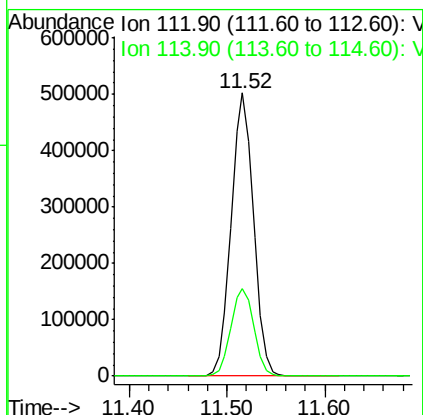
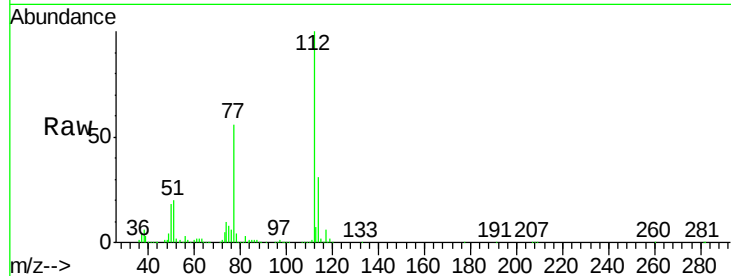




#65
Chlorobenzene
Concen: 50.670 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

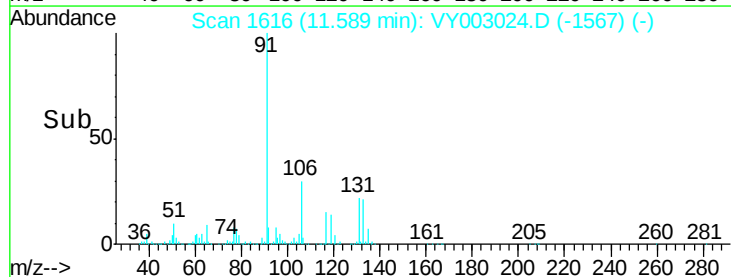
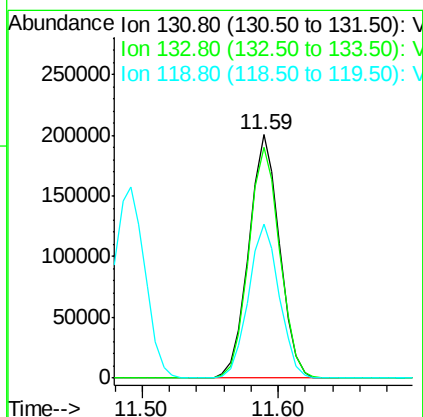
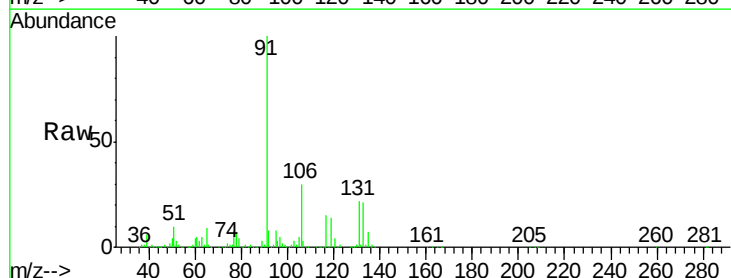
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

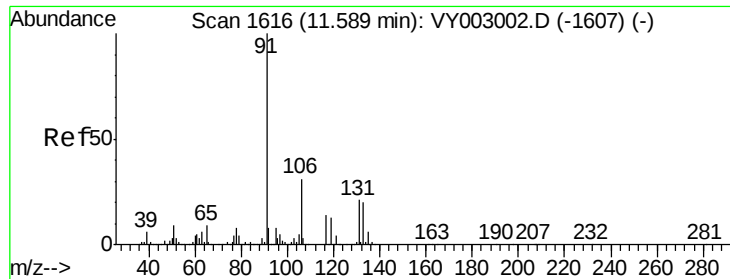
Tot Ion:112 Resp: 794324
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.703 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion:131 Resp: 316442
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.8
119 63.7 31.8 95.3

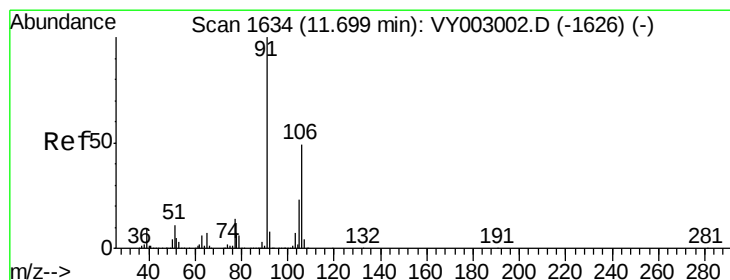
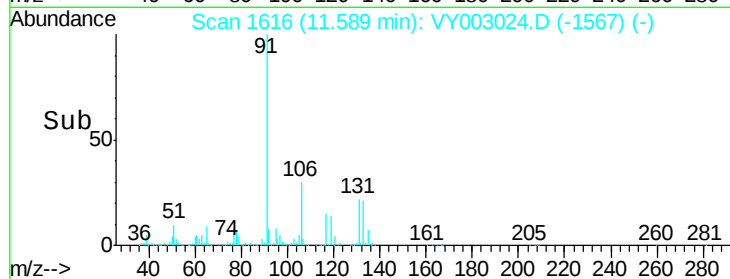
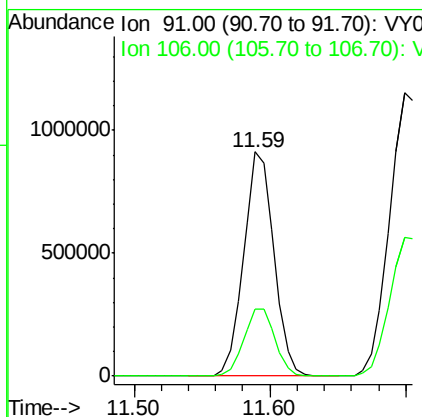
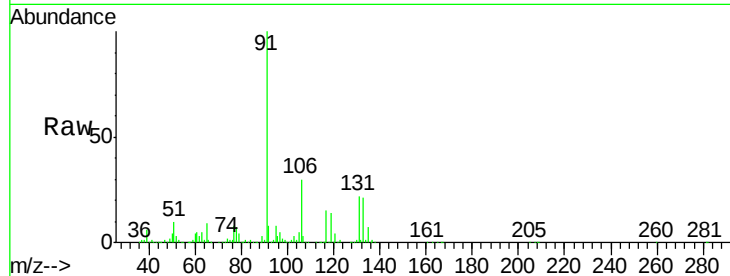




#67
Ethyl Benzene
Concen: 49.428 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

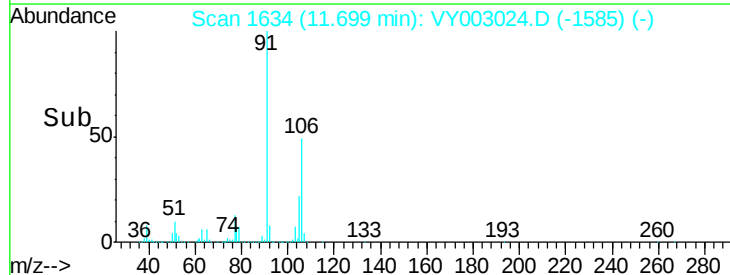
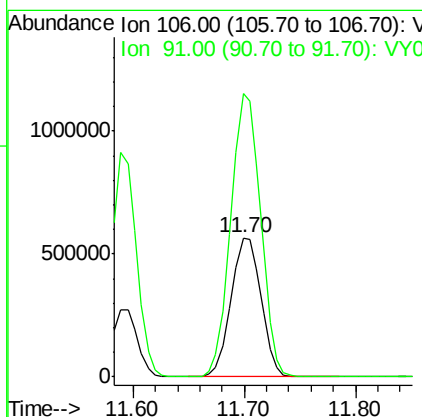
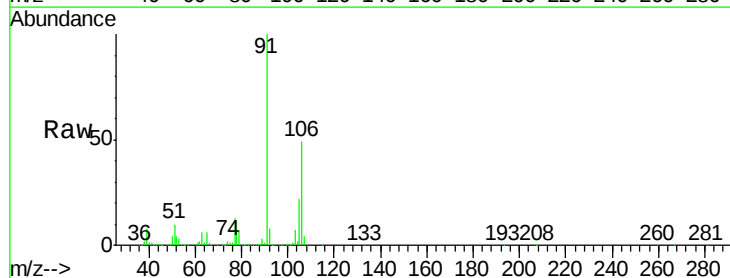
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

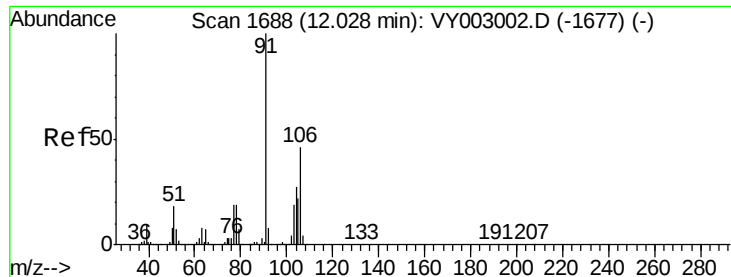
Tot Ion: 91 Resp: 1417529
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 98.955 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion: 106 Resp: 1056211
Ion Ratio Lower Upper
106 100
91 202.5 161.9 242.9

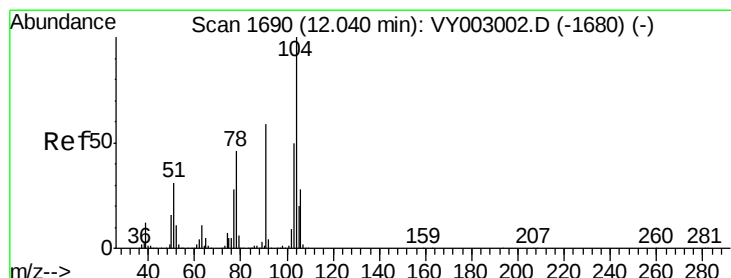
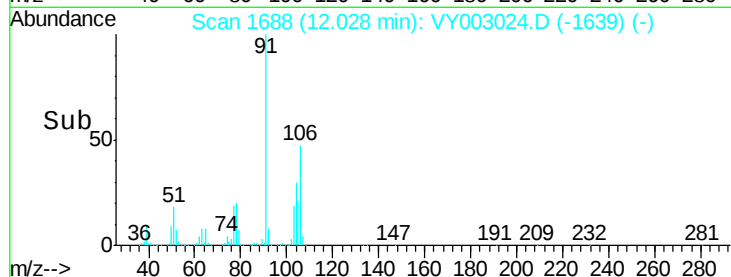
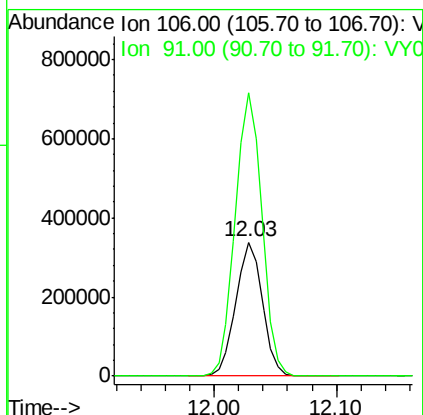
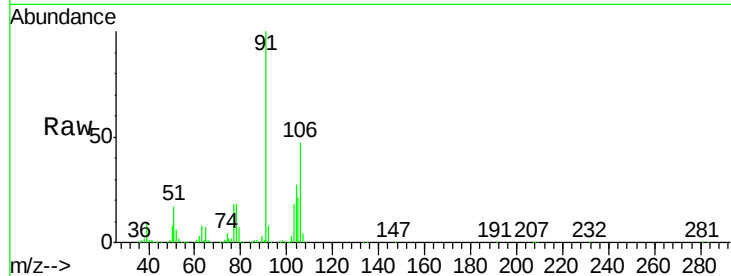




#69
o-Xylene
Concen: 50.359 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

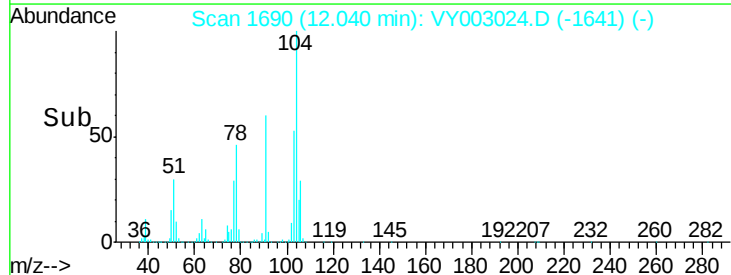
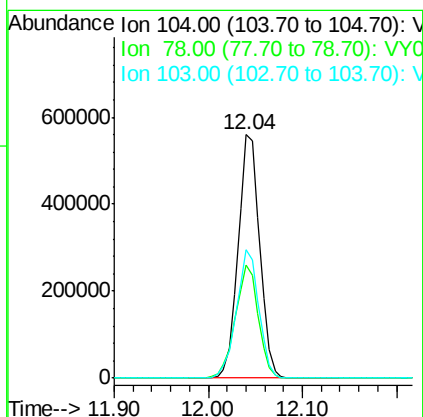
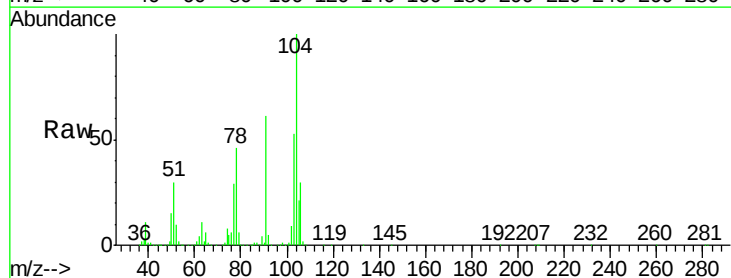
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 506516
Ion Ratio Lower Upper
106 100
91 213.5 107.9 323.8



#70
Styrene
Concen: 51.534 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion:104 Resp: 885521
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 54.9 44.1 66.1





#71

Bromoform

Concen: 53.777 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

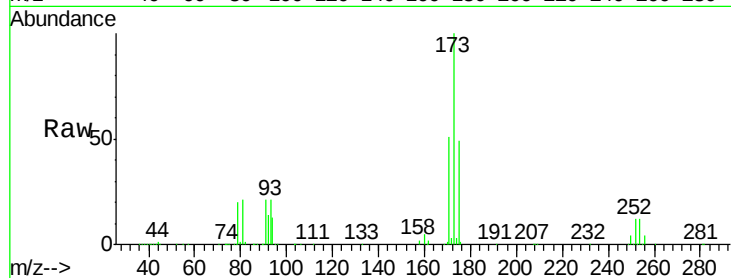
Tot Ion:173 Resp: 219469

Ion Ratio Lower Upper

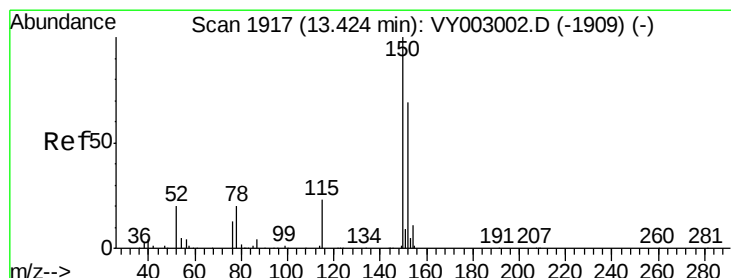
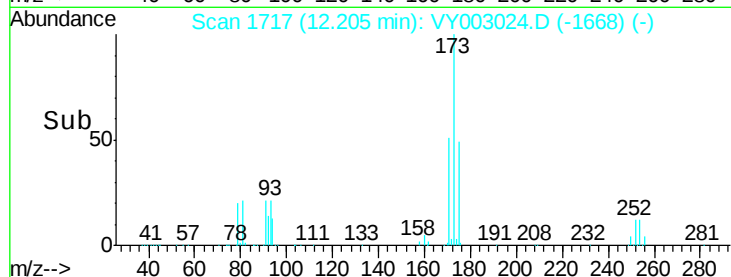
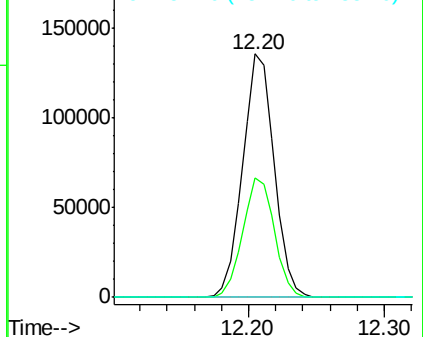
173 100

175 49.5 24.6 73.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

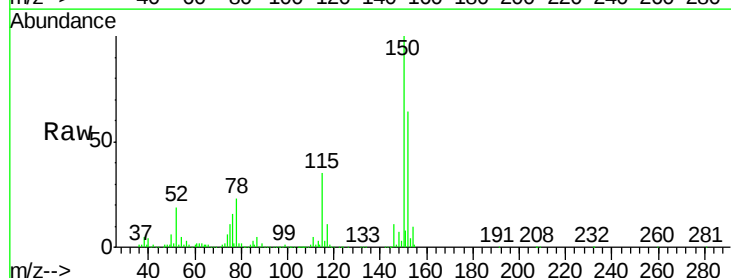
Tgt Ion:152 Resp: 419490

Ion Ratio Lower Upper

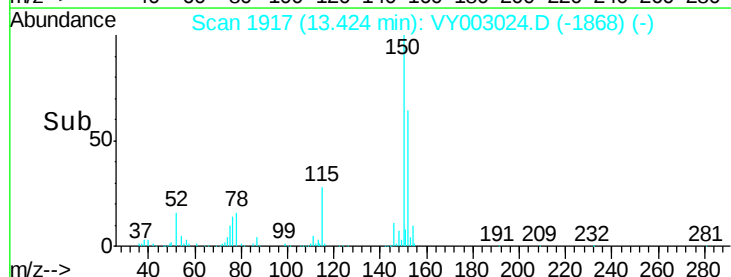
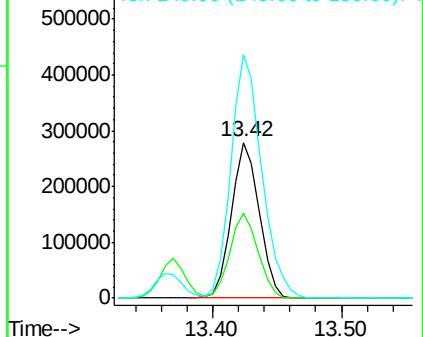
152 100

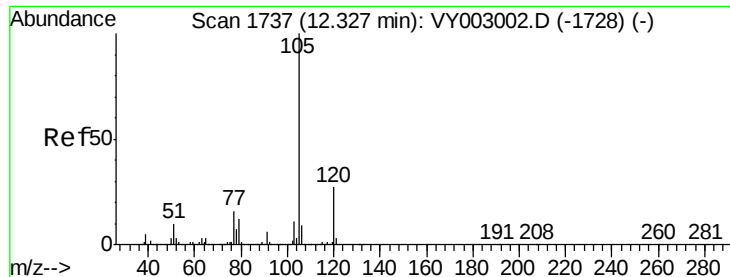
115 55.2 27.3 81.9

150 173.0 0.0 343.4



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: 49.732 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

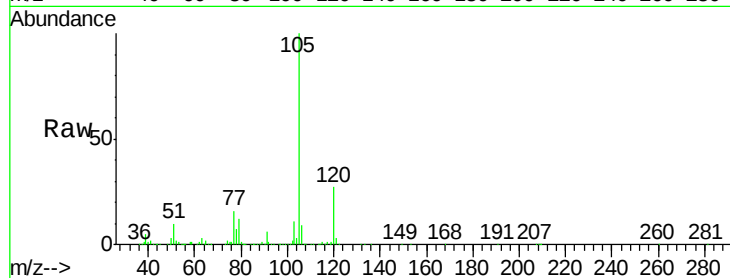
VSTDCCC050EC

Tot Ion:105 Resp: 1365324

Ion Ratio Lower Upper

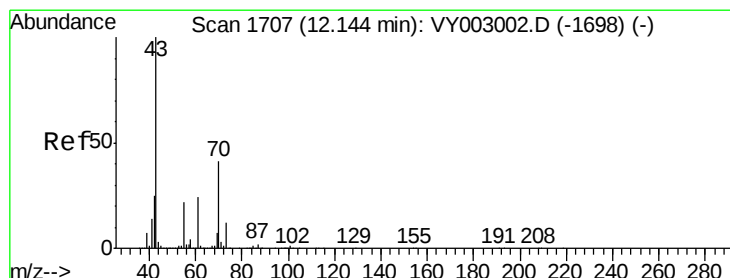
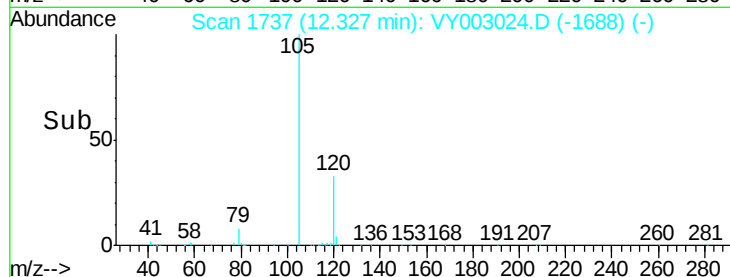
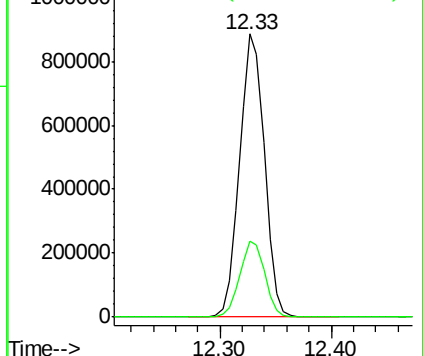
105 100

120 27.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.857 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Tgt Ion: 43 Resp: 454534

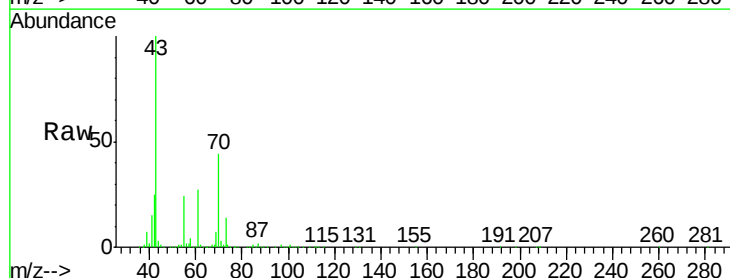
Ion Ratio Lower Upper

43 100

70 43.0 33.0 49.4

55 23.6 18.2 27.2

61 25.5 19.4 29.2

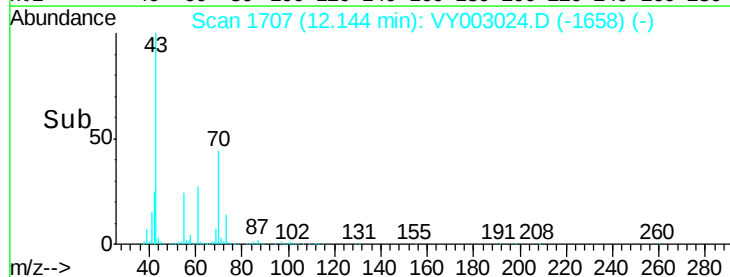
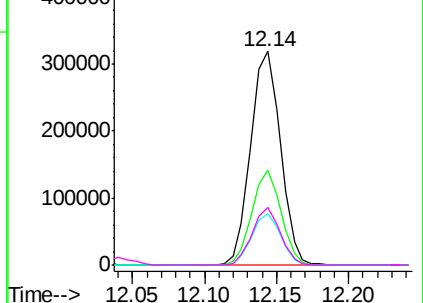


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.057 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

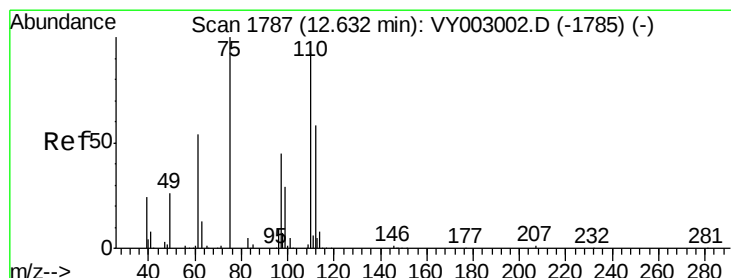
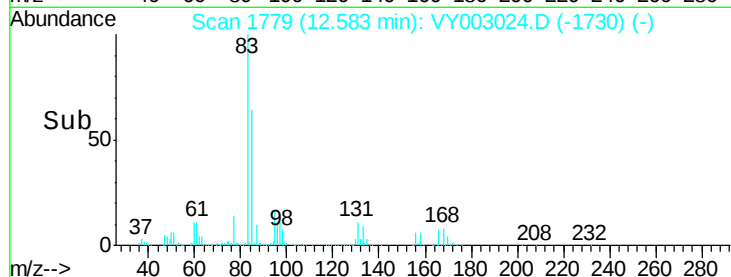
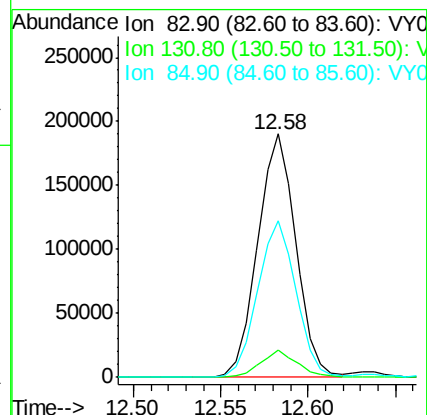
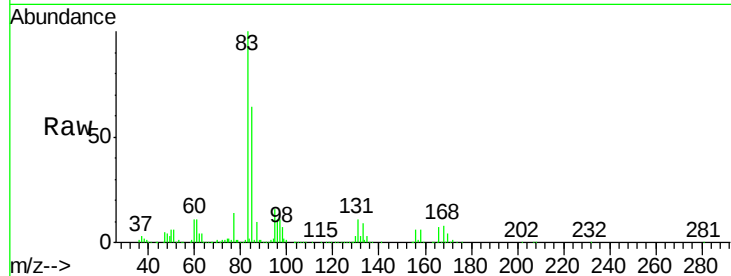
Tot Ion: 83 Resp: 288410

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

85 64.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 97.371 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003024.D

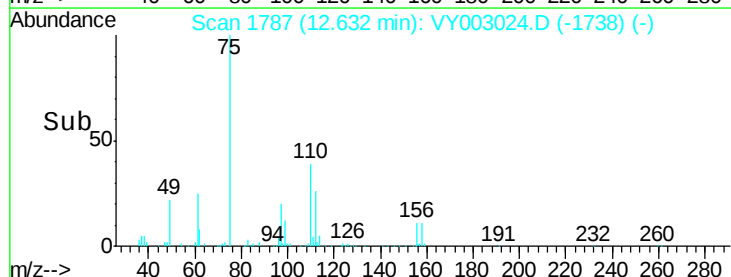
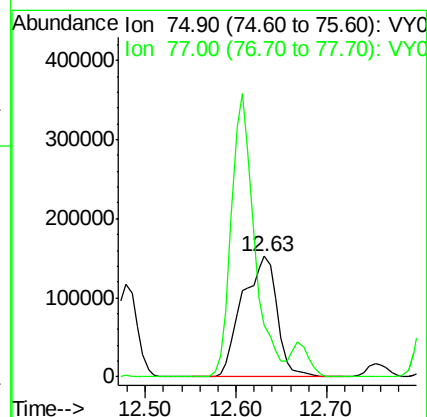
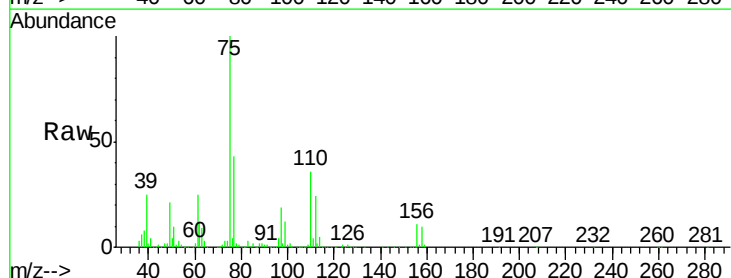
Acq: 29 Jun 2020 22:20

Tgt Ion: 75 Resp: 404253

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.523 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

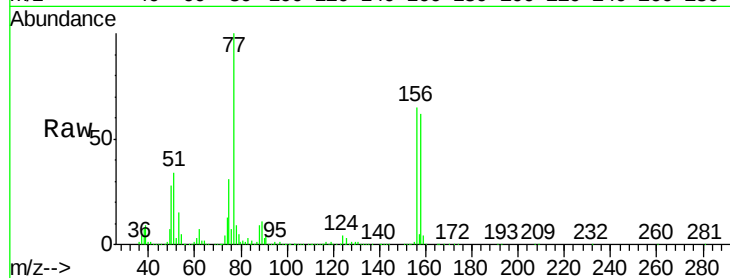
Tot Ion:156 Resp: 362679

Ion Ratio Lower Upper

156 100

77 176.4 90.0 270.0

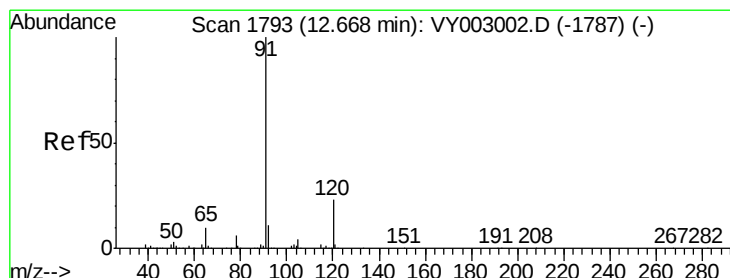
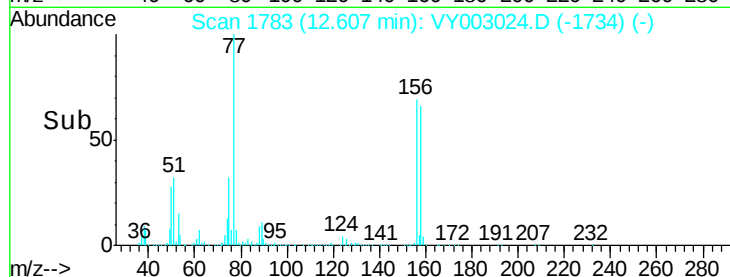
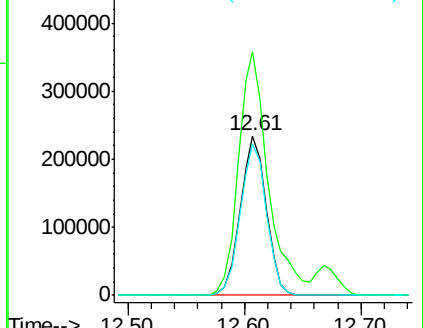
158 96.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.787 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003024.D

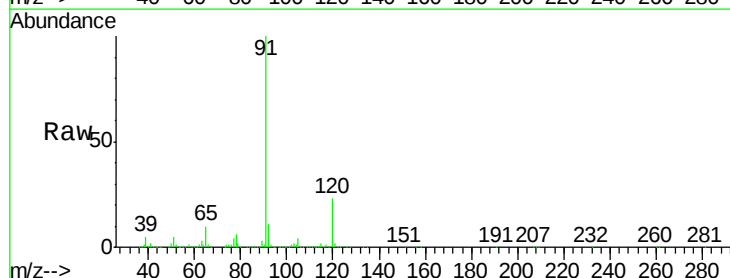
Acq: 29 Jun 2020 22:20

Tgt Ion: 91 Resp: 1610797

Ion Ratio Lower Upper

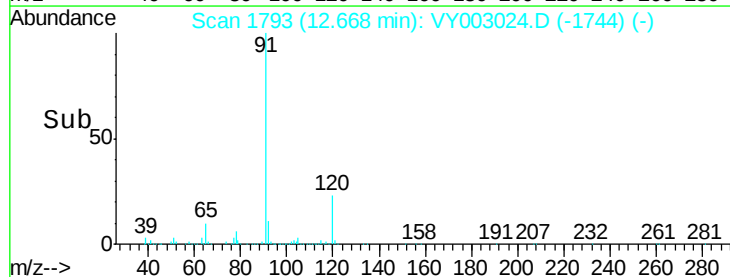
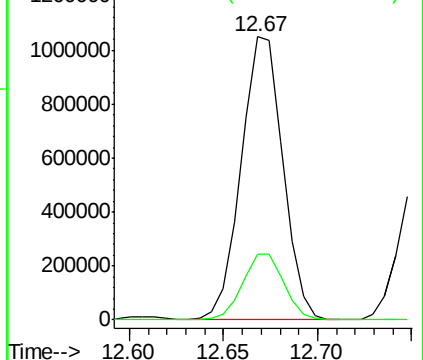
91 100

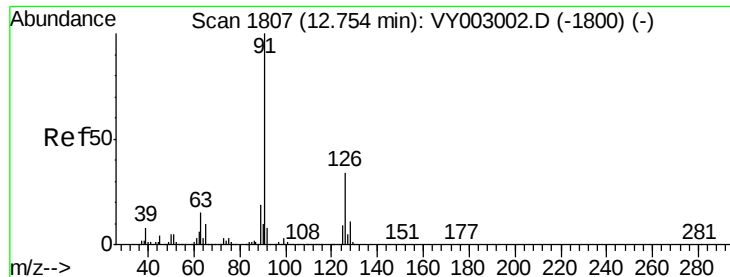
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.530 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

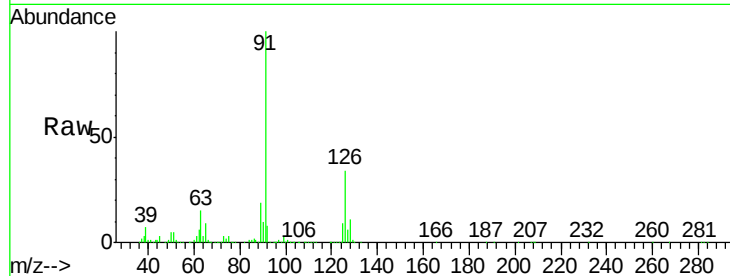
VSTDCCC050EC

Tot Ion: 91 Resp: 986528

Ion Ratio Lower Upper

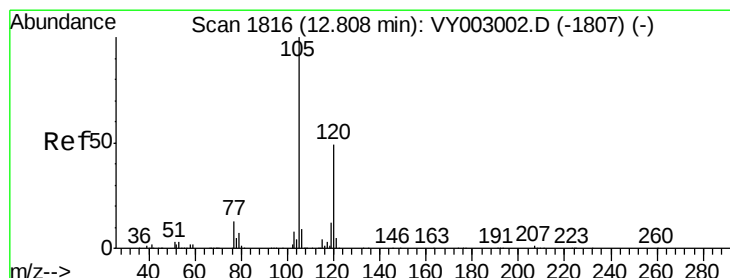
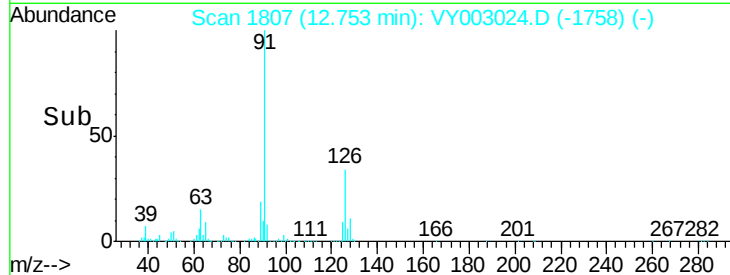
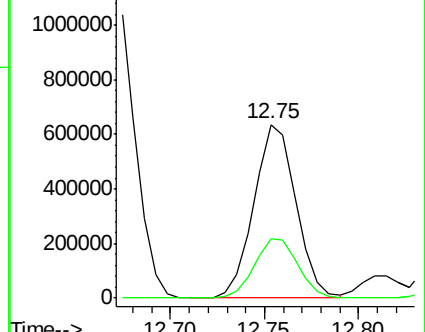
91 100

126 35.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY003024.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003024.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.930 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003024.D

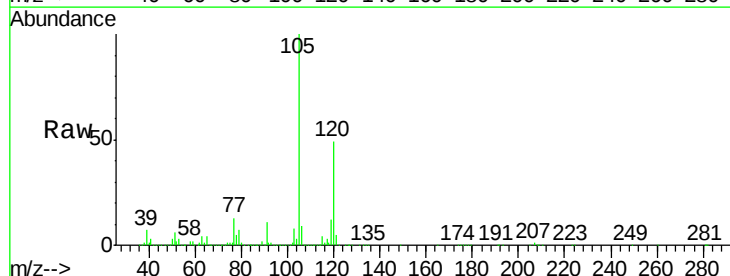
Acq: 29 Jun 2020 22:20

Tgt Ion: 105 Resp: 1150274

Ion Ratio Lower Upper

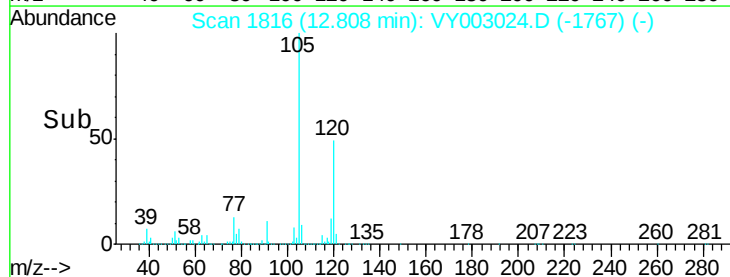
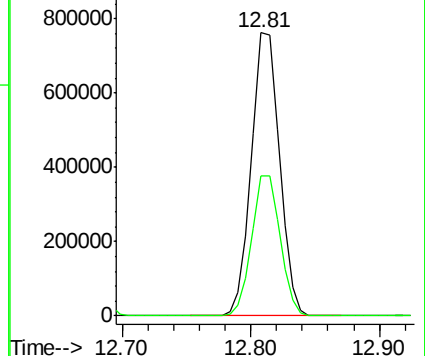
105 100

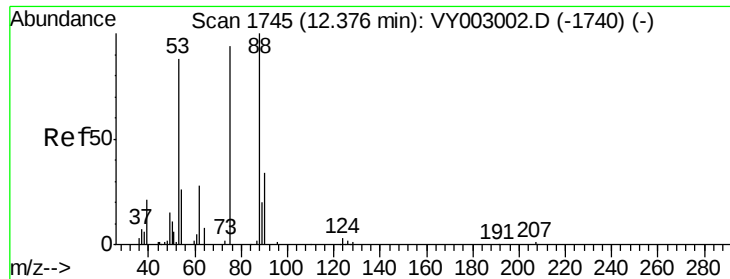
120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003024.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003024.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.678 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

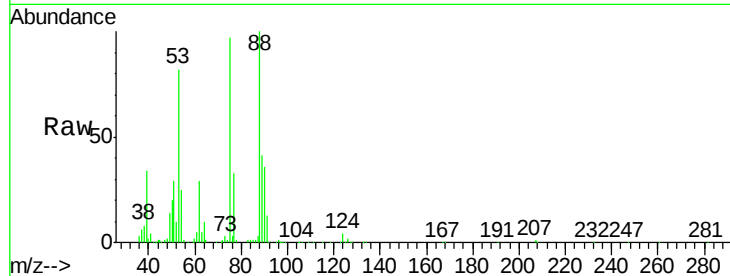
Tot Ion: 75 Resp: 110275

Ion Ratio Lower Upper

75 100

53 87.7 73.9 110.9

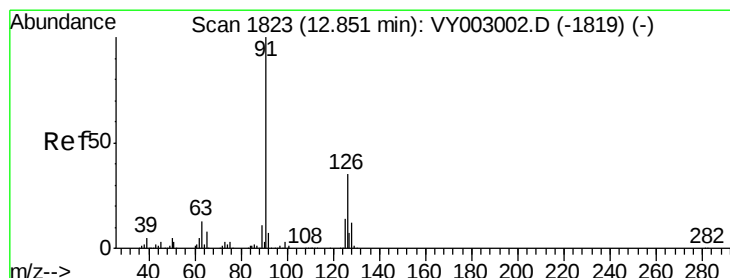
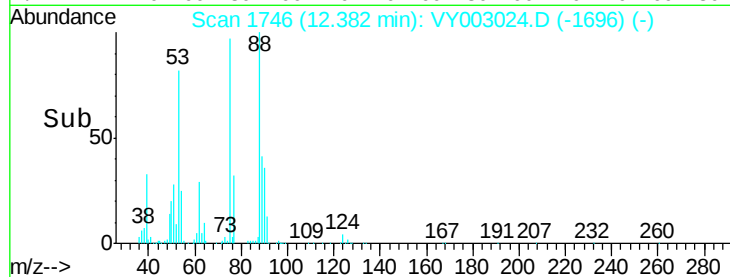
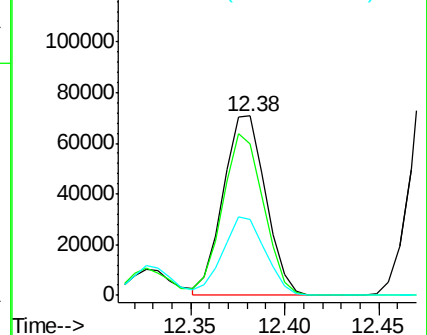
89 44.3 37.5 56.3



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: 52.706 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003024.D

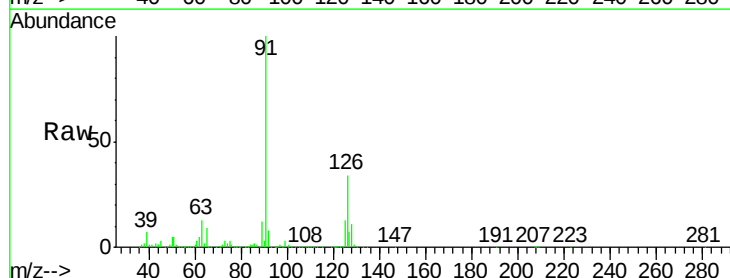
Acq: 29 Jun 2020 22:20

Tgt Ion: 91 Resp: 1011310

Ion Ratio Lower Upper

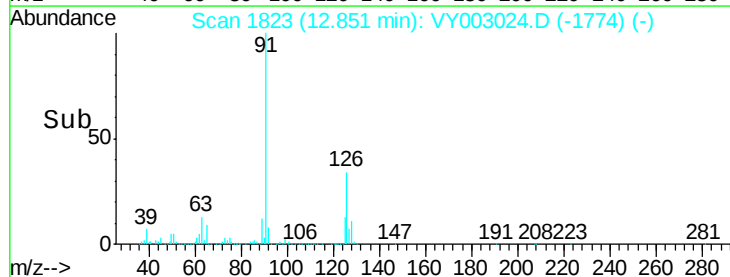
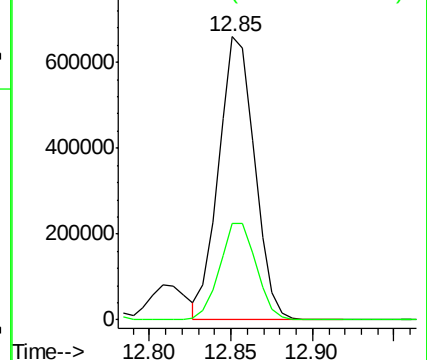
91 100

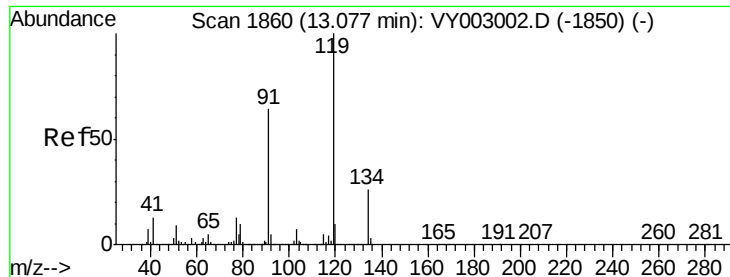
126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.981 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

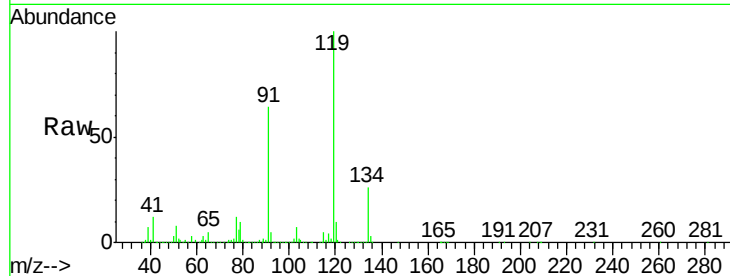
Tot Ion:119 Resp: 1011067

Ion Ratio Lower Upper

119 100

91 62.9 31.6 95.0

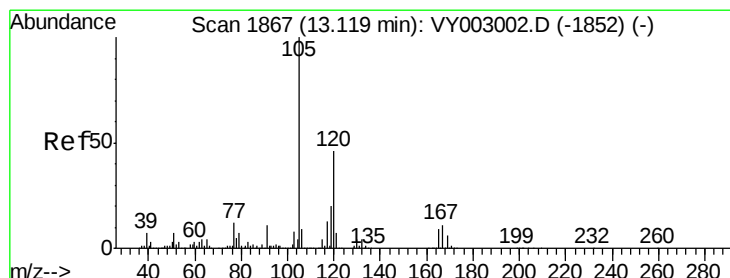
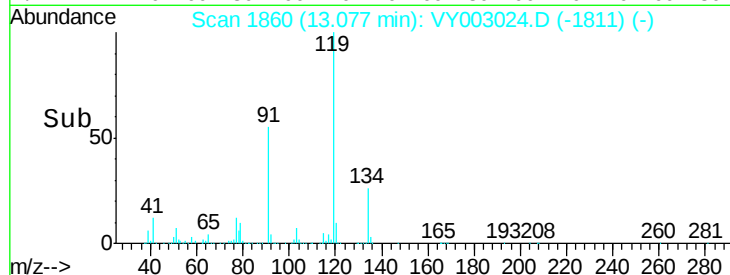
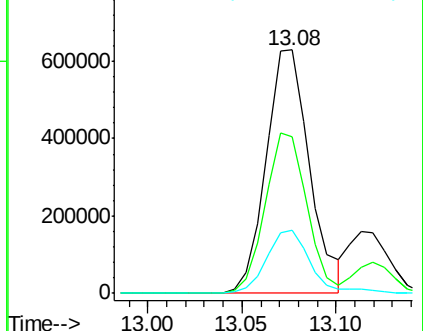
134 26.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.892 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003024.D

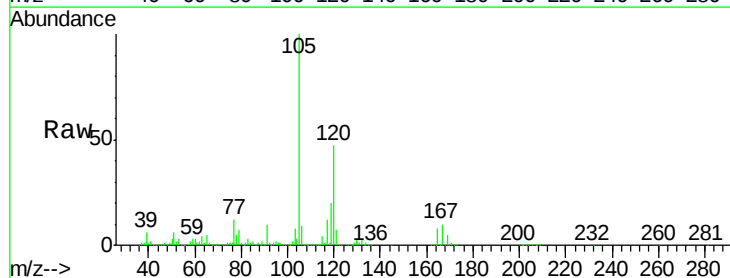
Acq: 29 Jun 2020 22:20

Tgt Ion:105 Resp: 1158208

Ion Ratio Lower Upper

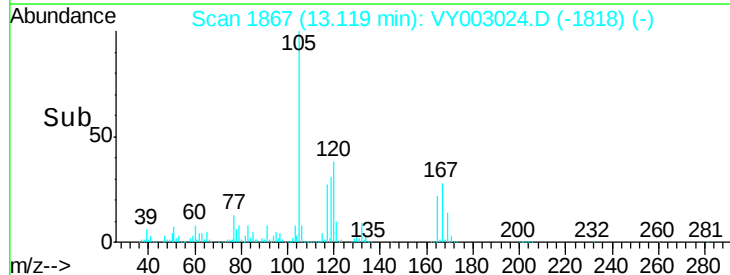
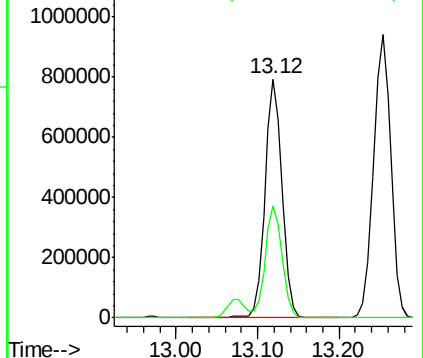
105 100

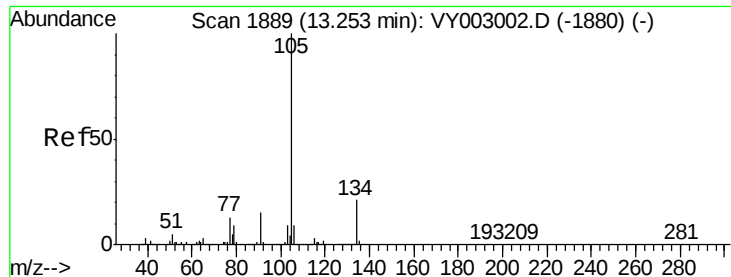
120 45.8 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.267 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

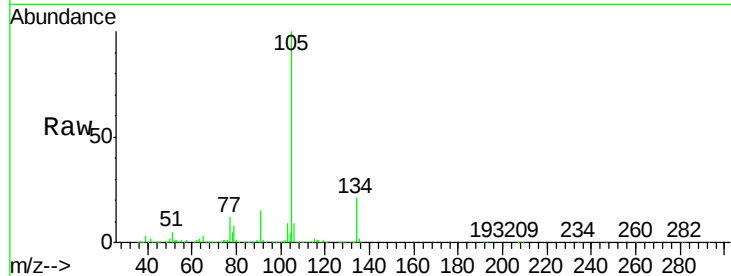
VSTDCCC050EC

Tot Ion:105 Resp: 1373682

Ion Ratio Lower Upper

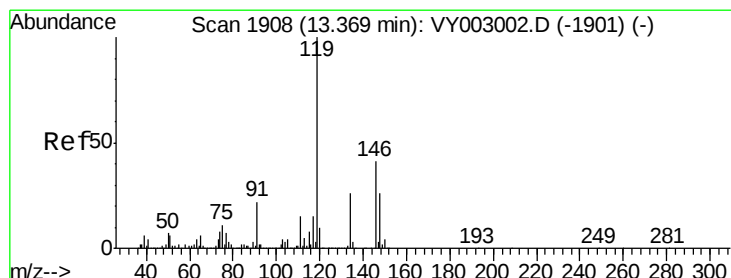
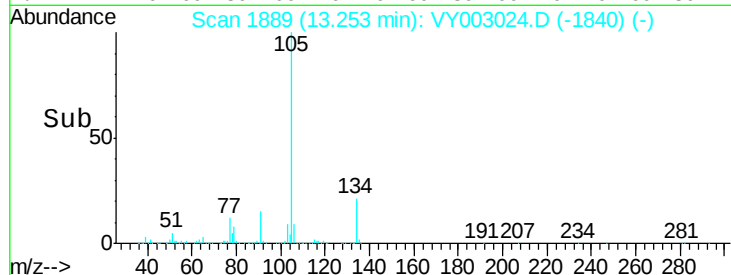
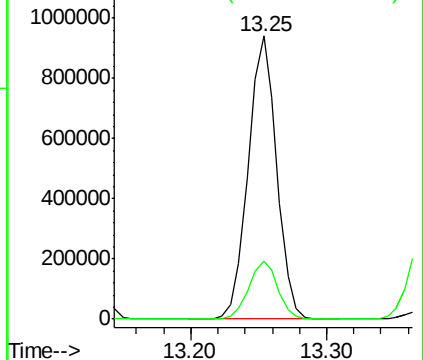
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.485 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

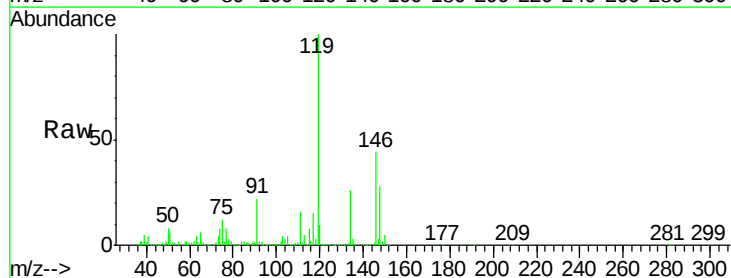
Tgt Ion:119 Resp: 1278506

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

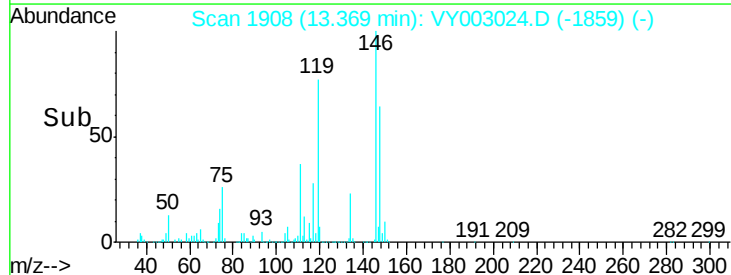
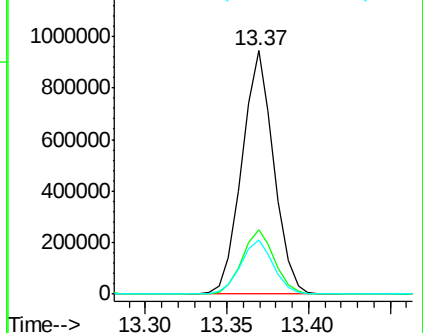
91 22.7 11.5 34.5

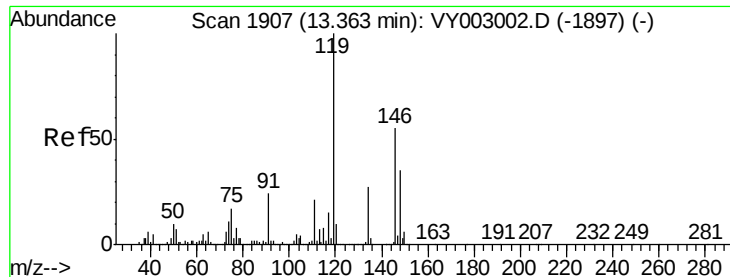


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

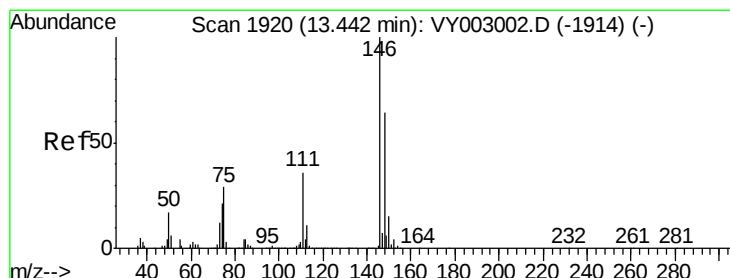
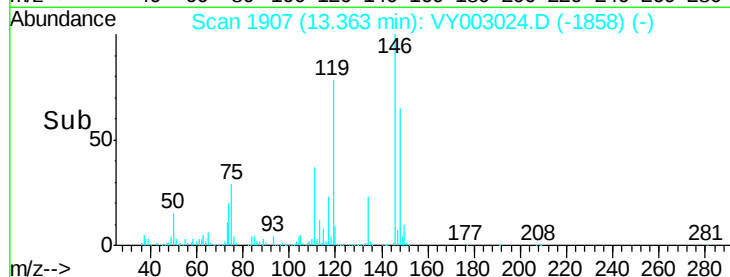
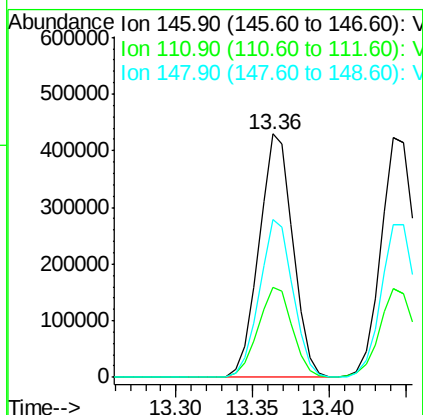
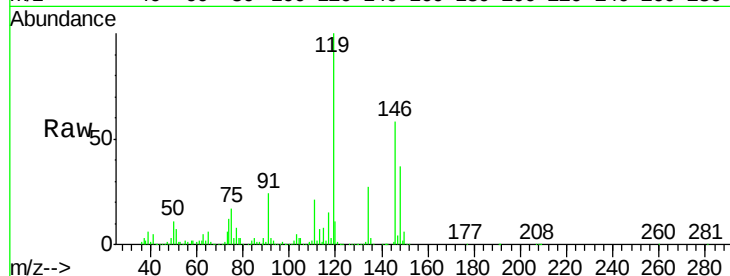




#87
 1,3-Dichlorobenzene
 Concen: 50.354 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

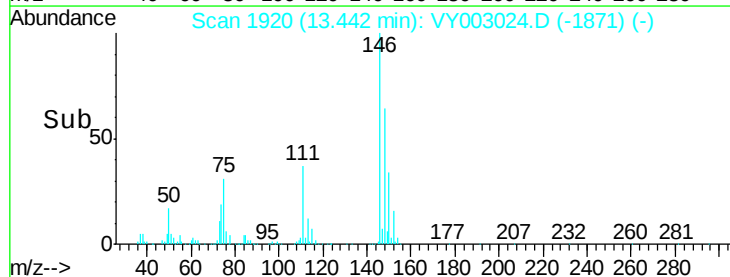
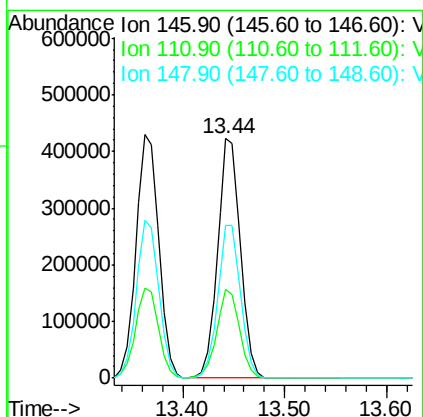
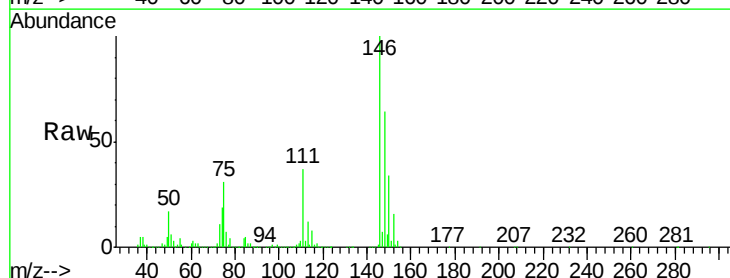
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

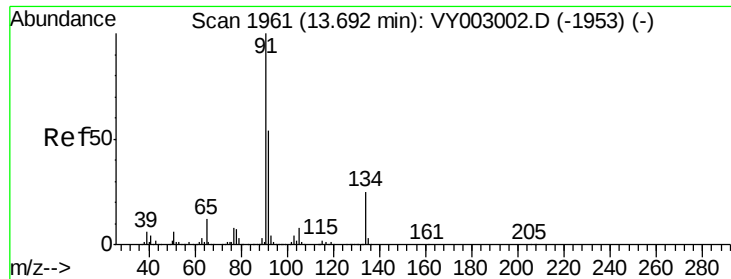
Tot Ion:146 Resp: 661741
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.748 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion:146 Resp: 657639
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.4
 148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 47.054 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

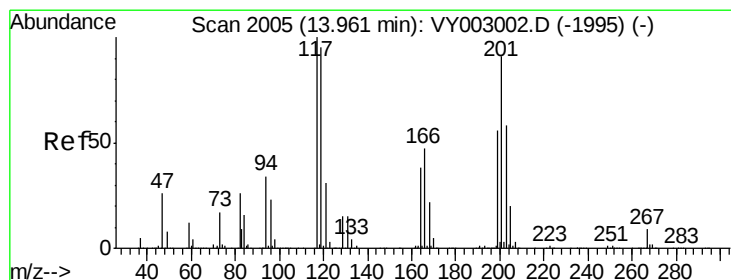
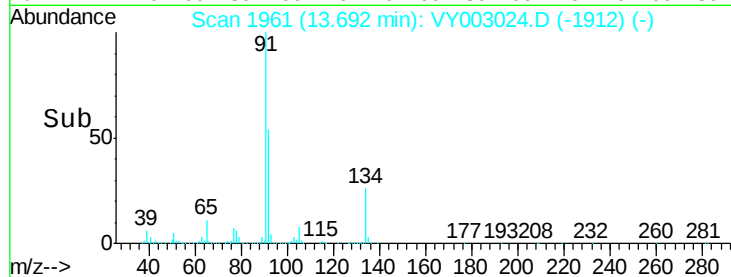
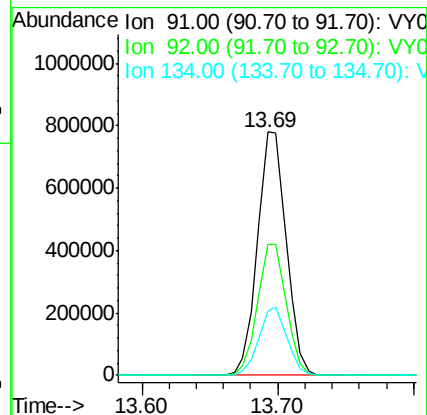
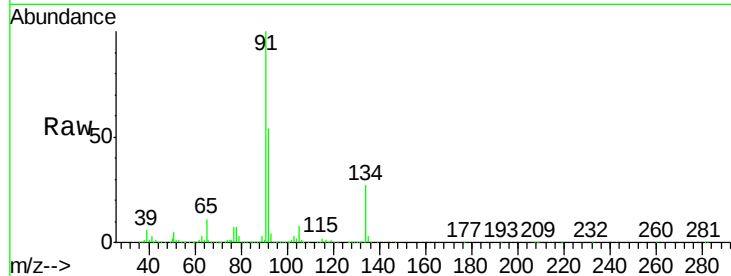
Tot Ion: 91 Resp: 1163154

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.3

134 27.1 13.1 39.1



#90

Hexachloroethane

Concen: 50.365 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003024.D

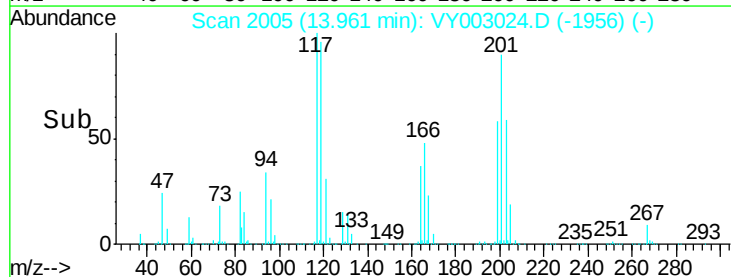
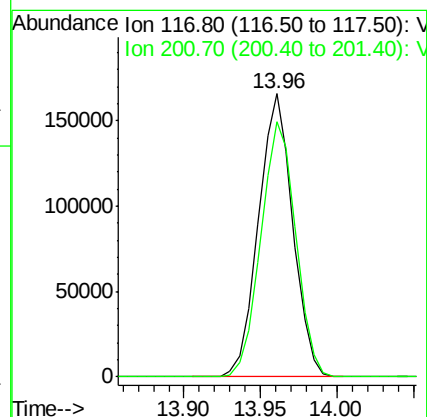
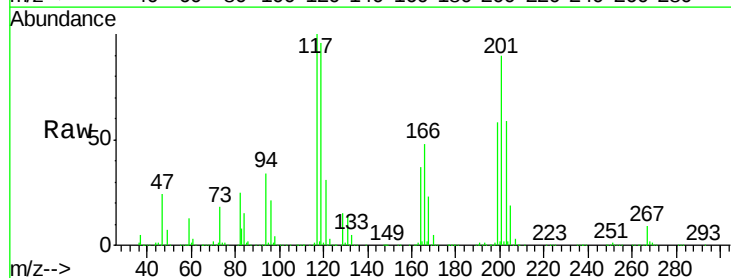
Acq: 29 Jun 2020 22:20

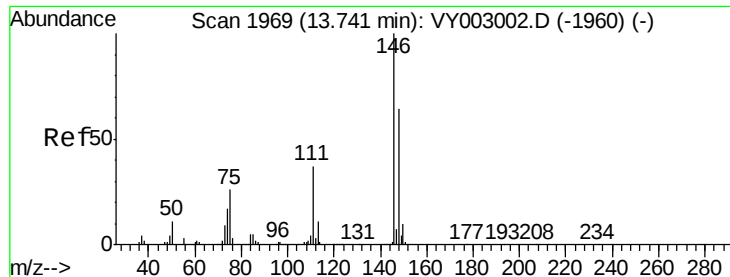
Tgt Ion: 117 Resp: 258388

Ion Ratio Lower Upper

117 100

201 92.0 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 51.341 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

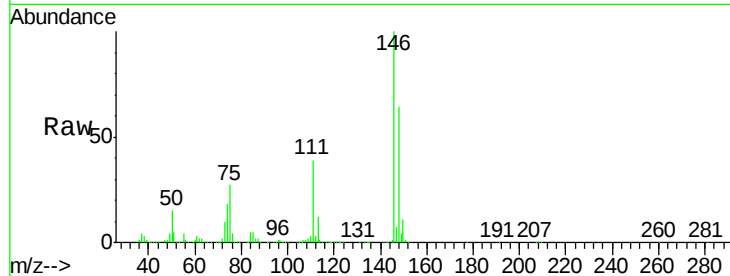
Tot Ion:146 Resp: 605362

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

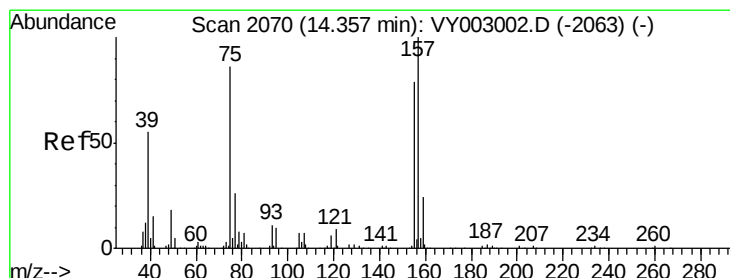
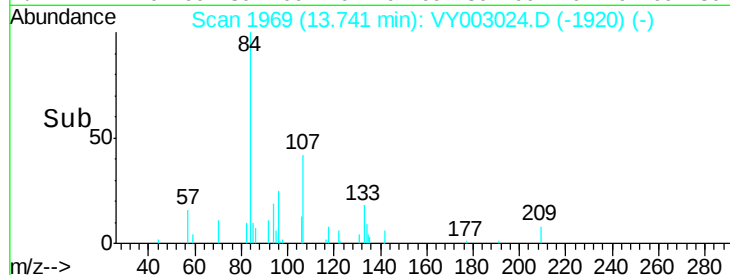
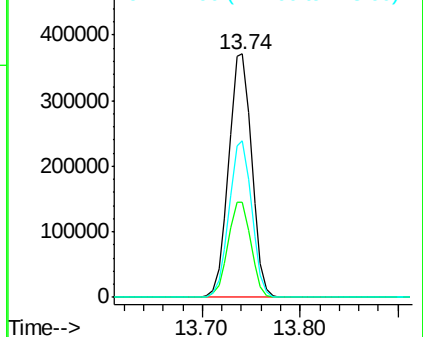
148 63.3 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.856 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003024.D

Acq: 29 Jun 2020 22:20

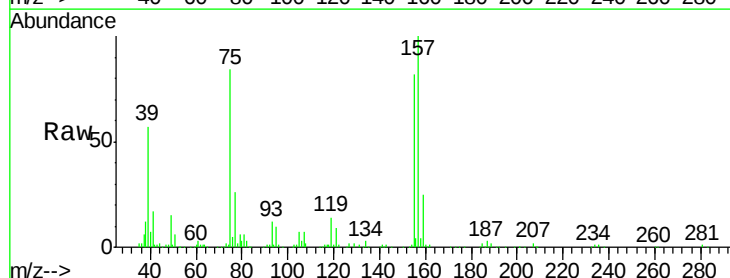
Tgt Ion: 75 Resp: 53801

Ion Ratio Lower Upper

75 100

155 95.7 46.5 139.3

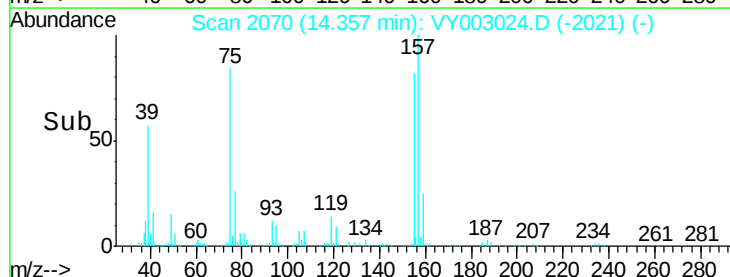
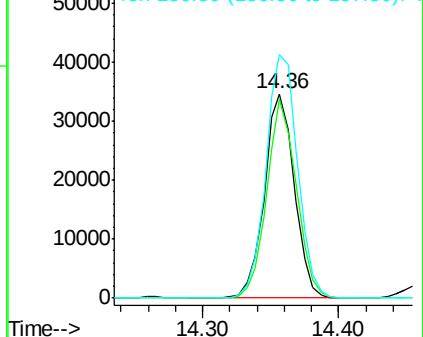
157 125.3 59.2 177.5

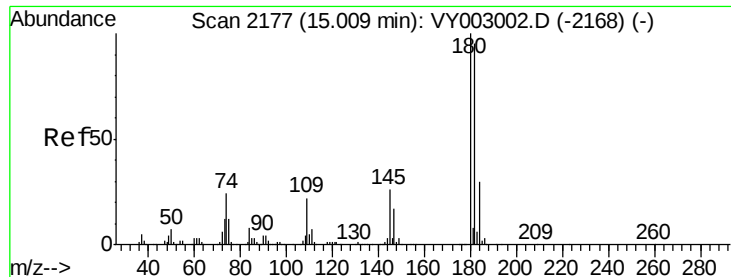


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

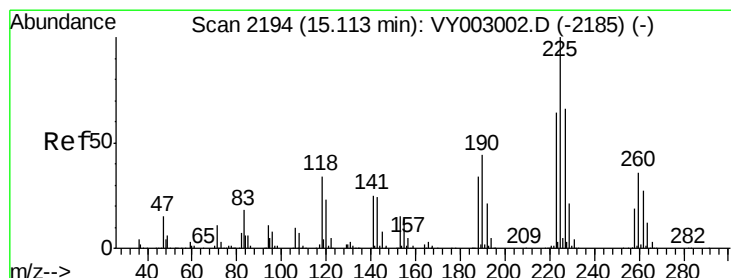
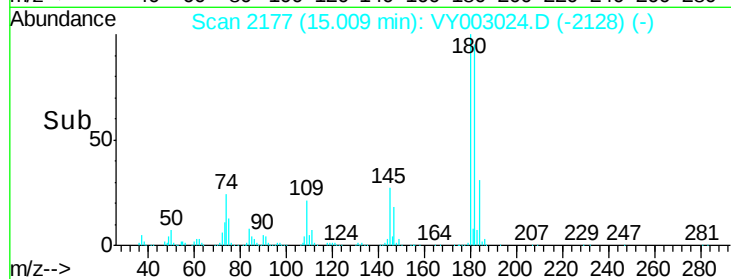
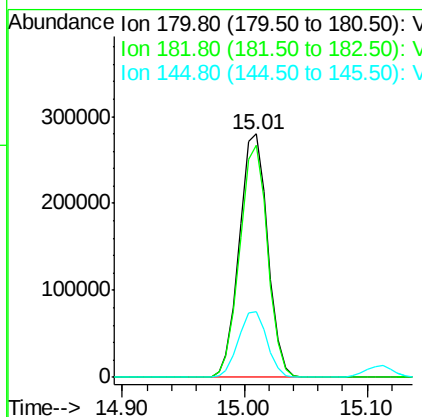
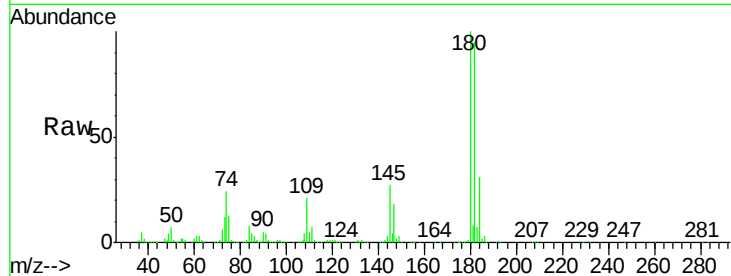




#93
 1,2,4-Trichlorobenzene
 Concen: 51.146 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

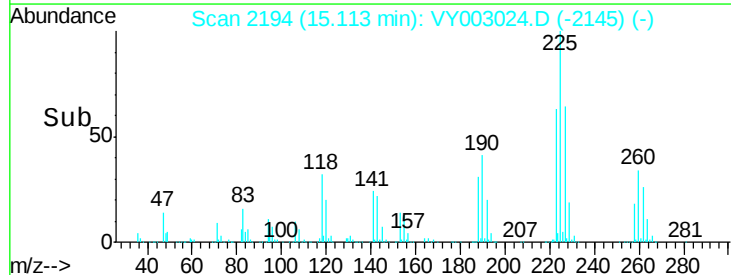
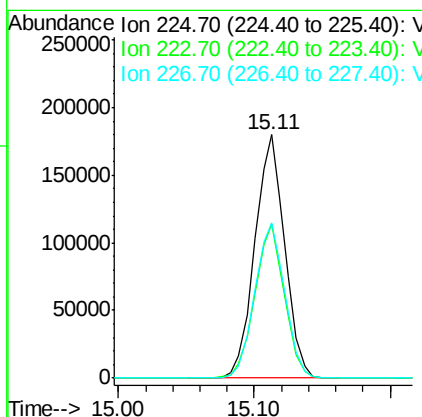
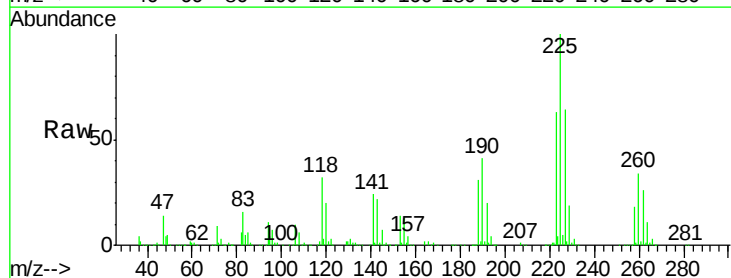
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

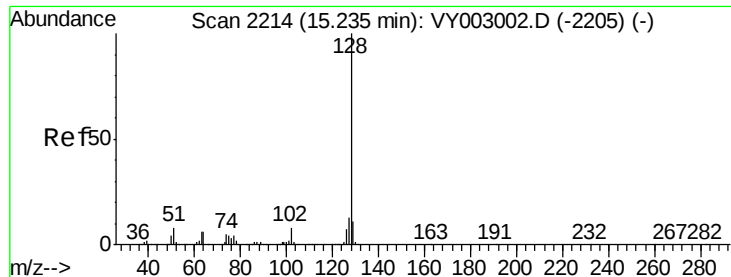
Tot Ion:180 Resp: 448115
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.1 144.3
 145 27.4 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 50.093 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003024.D
 Acq: 29 Jun 2020 22:20

Tgt Ion:225 Resp: 276838
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.4 97.0
 227 64.1 32.4 97.2

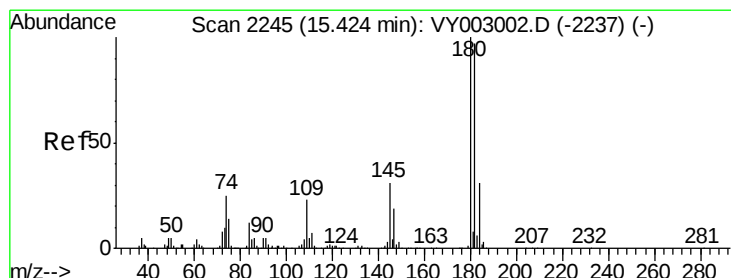
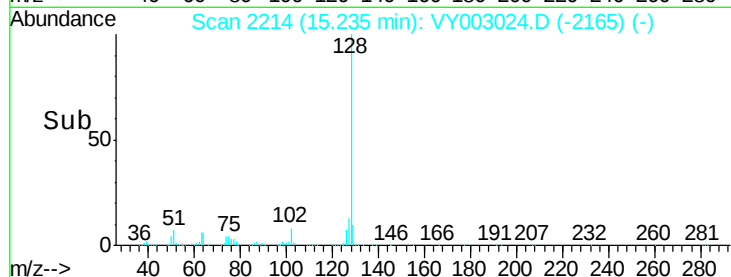
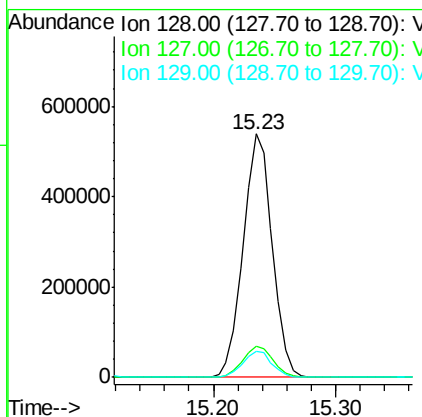
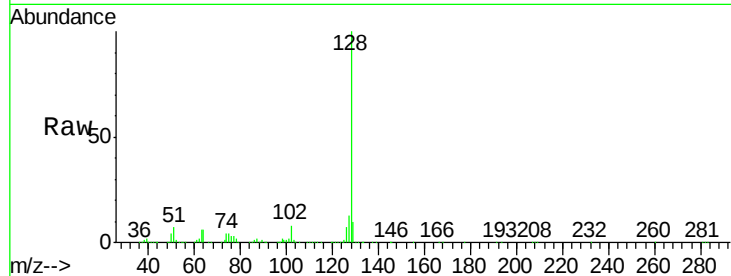




#95
Naphthalene
Concen: 55.441 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 887218
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.274 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003024.D
Acq: 29 Jun 2020 22:20

Tgt Ion:180 Resp: 397694
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 29.6 14.7 44.1

